

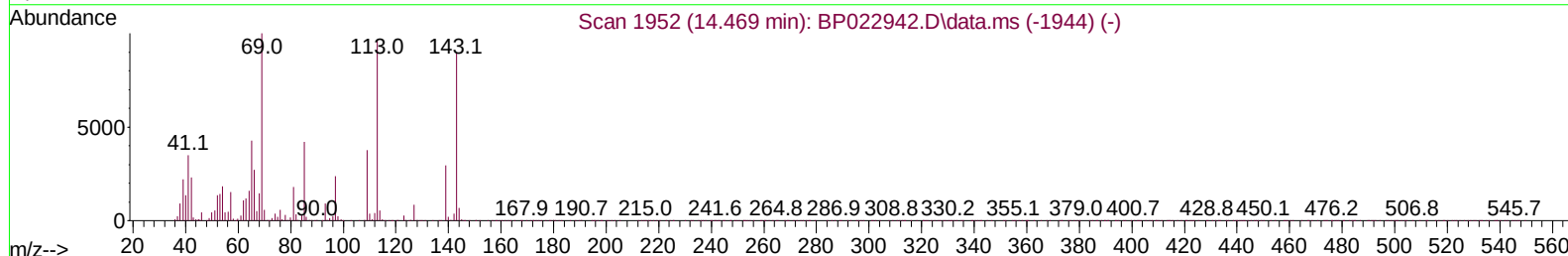
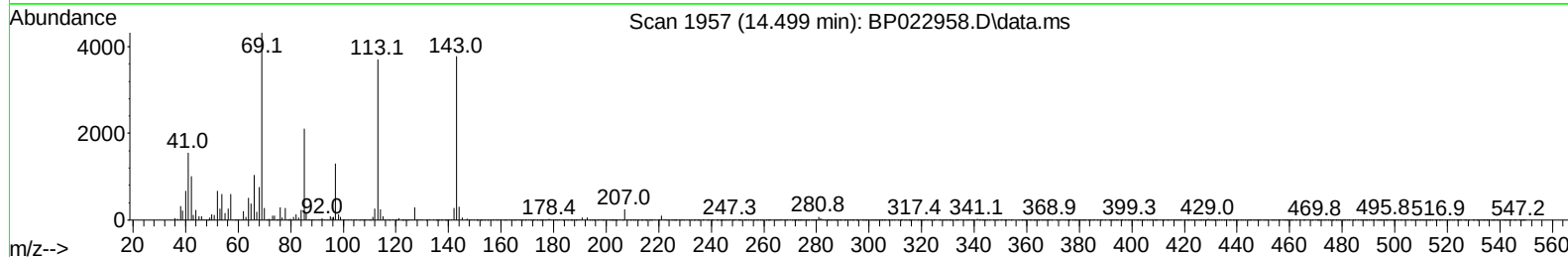
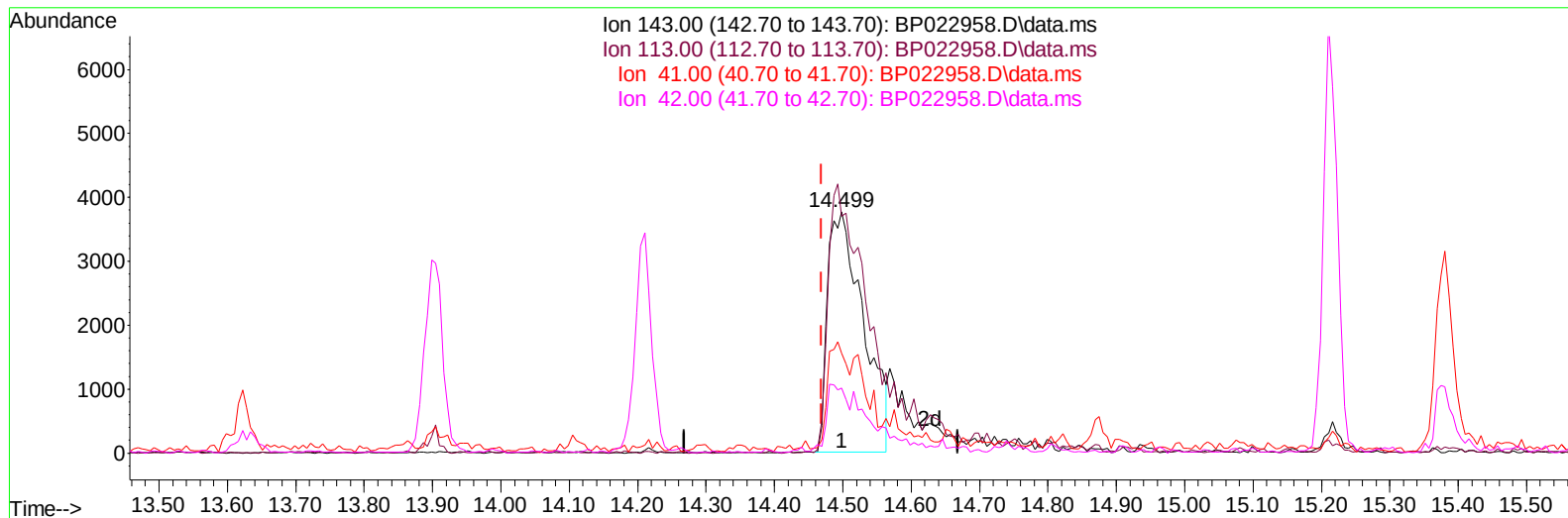
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110924\  
Data File : BP022958.D  
Acq On : 09 Nov 2024 09:09  
Operator : RC/JU  
Sample : P4744-16  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
GCP71

Manual IntegrationsAPPROVED

Quant Time: Nov 09 22:21:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 08 23:49:48 2024  
Response via : Initial Calibration

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



TIC: BP022958.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.499min (+ 0.030) 7.03 ng/ul

response 13689

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 107.90 | 98.17  |
| 41.00  | 39.20  | 41.30  |
| 42.00  | 25.90  | 26.93  |

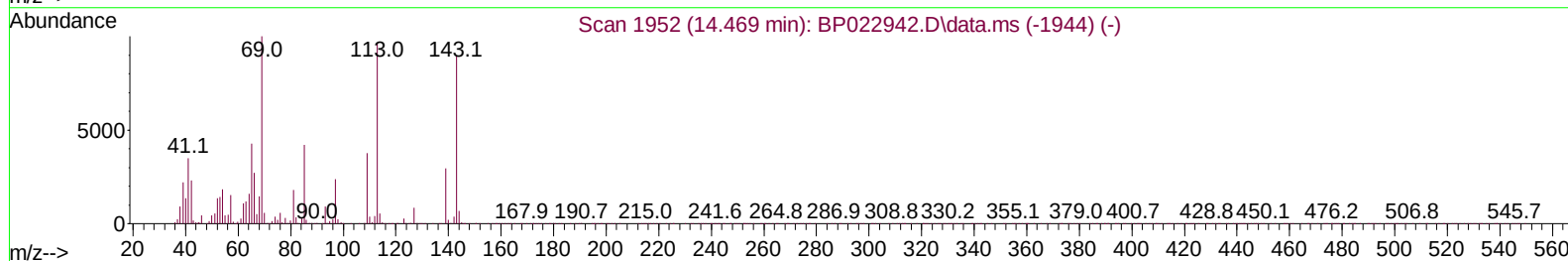
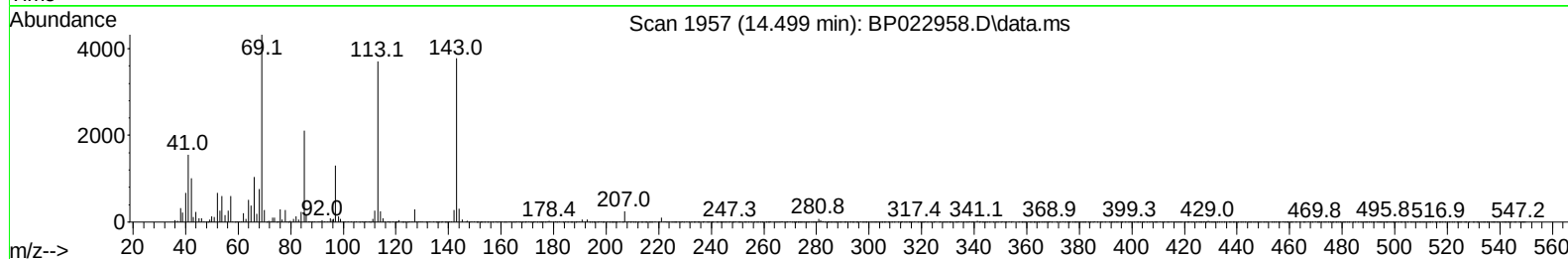
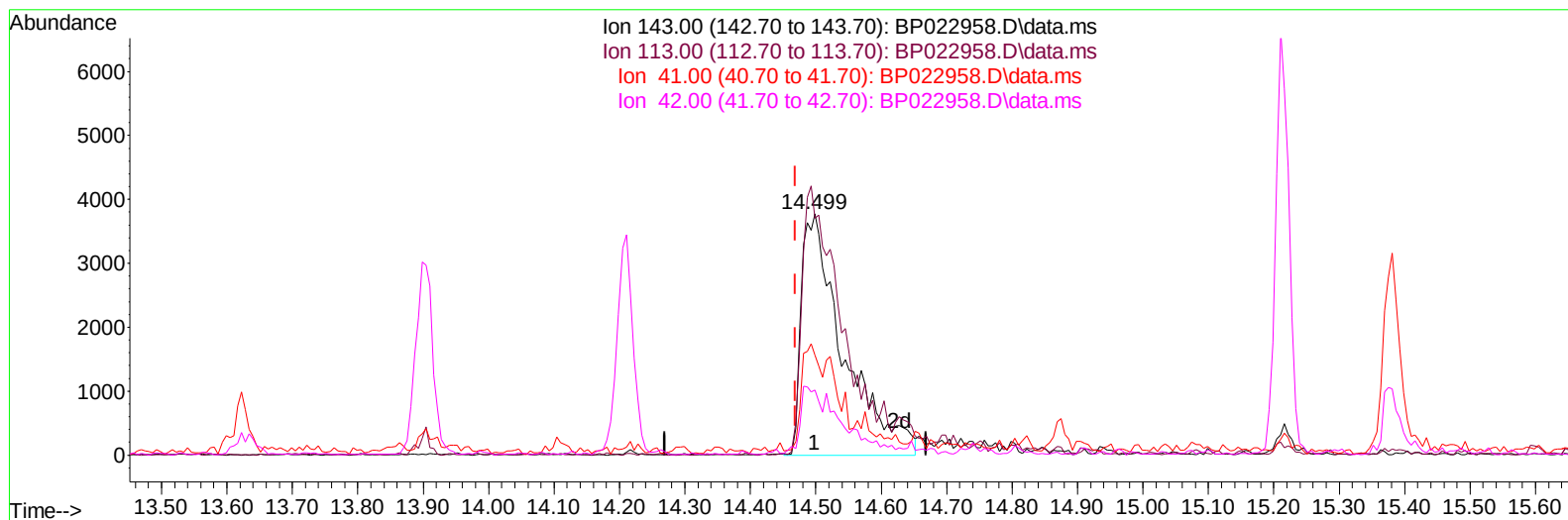
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**(54) 4-Nitrophenol-d4 (S)**

**14.499min (+ 0.030) 8.68 ng/ul m**

**response 16918**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 107.90 | 98.17  |
| 41.00  | 39.20  | 41.30  |
| 42.00  | 25.90  | 26.93  |

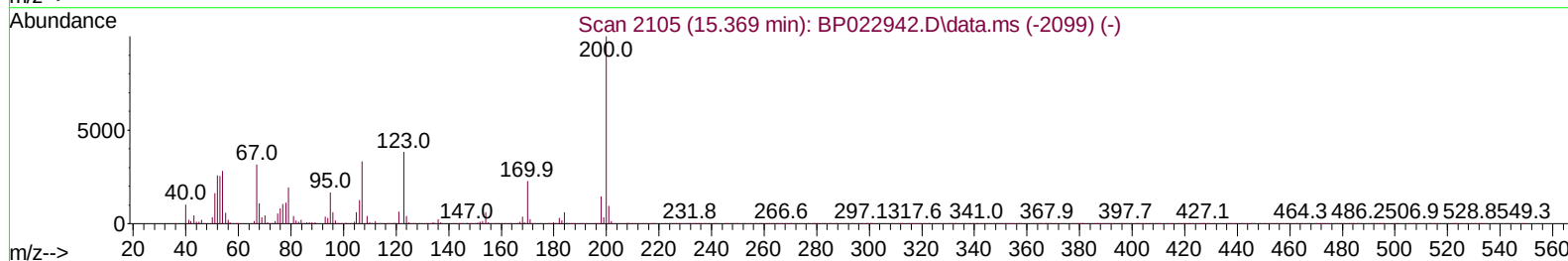
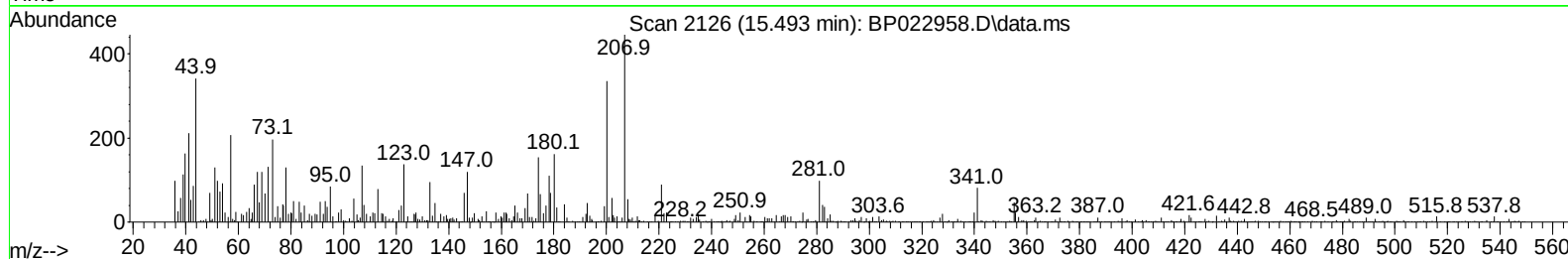
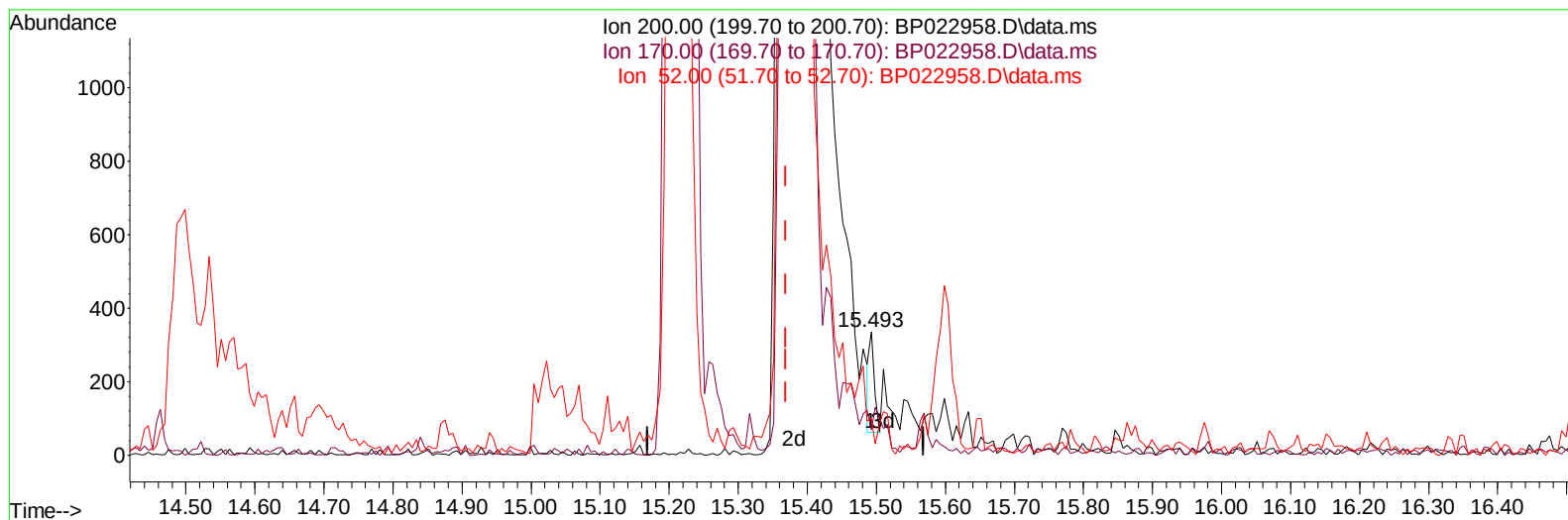
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Sample : P4744-16  
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ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
GCP71

Manual IntegrationsAPPROVED

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TIC: BP022958.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.493min (+ 0.124) 0.05 ng/ul

| response | 132    |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 200.00   | 100.00 | 100.00 |
| 170.00   | 22.70  | 20.24  |
| 52.00    | 35.30  | 29.46  |
| 0.00     | 0.00   | 0.00   |

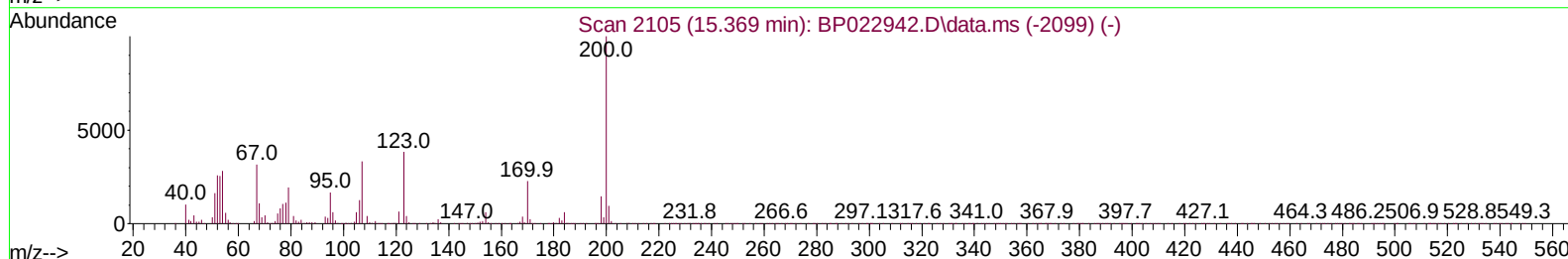
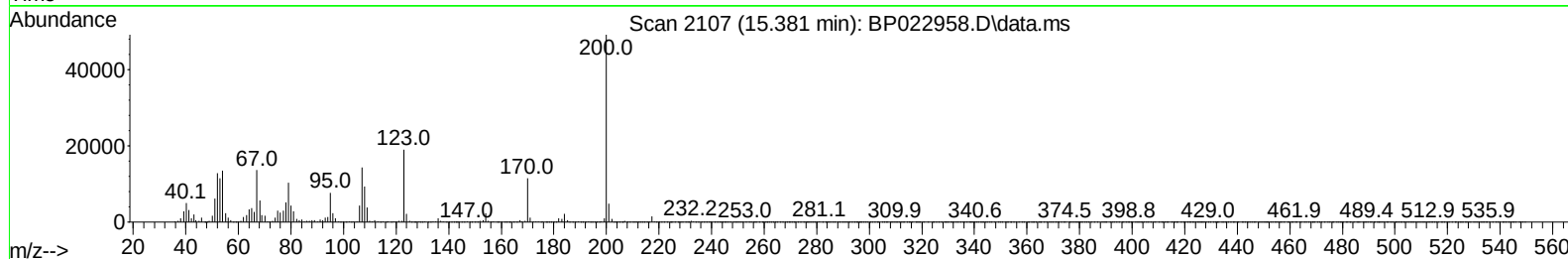
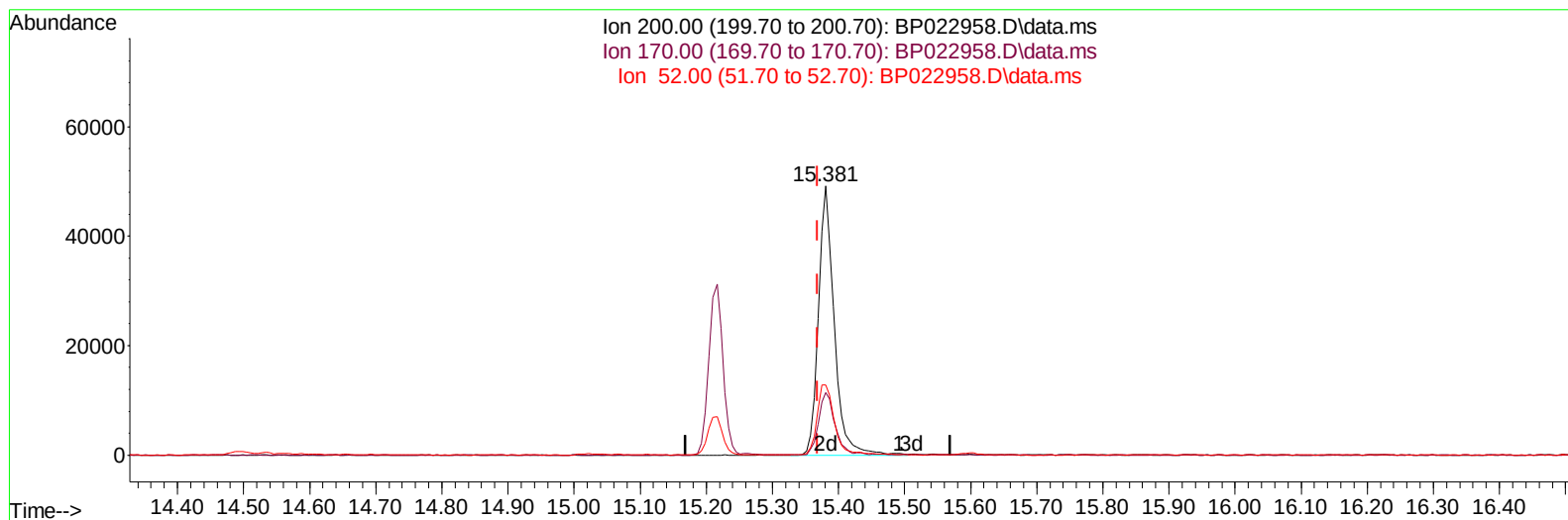
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Misc :  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Manual IntegrationsAPPROVED

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TIC: BP022958.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.381min (+ 0.012) 29.76 ng/ul m

response 81972

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 22.70  | 23.32  |
| 52.00  | 35.30  | 25.99# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110924\  
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 Operator : RC/JU  
 Sample : P4744-16  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCP71

## Manual IntegrationsAPPROVED

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

Quant Time: Nov 09 22:22:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 08 23:49:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.593  | 152  | 58318    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.346 | 136  | 227626   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.210 | 164  | 179876   | 20.000 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.010 | 188  | 459868   | 20.000 | ng/ul | -0.02    |
| 79) Chrysene-d12              | 21.451 | 240  | 562157   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.680 | 264  | 659008   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.146  | 96   | 6351     | 5.235  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.570  | 84   | 16986    | 4.712  | ng/ul | 0.01     |
| 7) Phenol-d5                  | 6.799  | 99   | 35839    | 8.312  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.940  | 67   | 75706    | 29.886 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.140  | 132  | 85760    | 27.159 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.305  | 113  | 69818    | 19.678 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.734  | 128  | 47525    | 29.990 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.452  | 143  | 58857    | 31.154 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.993  | 165  | 110382   | 27.900 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.499 | 131  | 89821    | 19.030 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.628 | 166  | 451101   | 34.796 | ng/ul | 0.01     |
| 49) Acenaphthylene-d8         | 13.899 | 160  | 424539   | 31.384 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.499 | 143  | 16918m   | 8.684  | ng/ul | 0.03     |
| 60) Fluorene-d10              | 15.216 | 176  | 382388   | 33.642 | ng/ul | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.381 | 200  | 81972m   | 29.756 | ng/ul | 0.01     |
| 73) Anthracene-d10            | 17.122 | 188  | 658050   | 33.796 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.504 | 212  | 893305   | 34.499 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.439 | 264  | 1079736  | 34.396 | ng/ul | -0.03    |

Target Compounds Qvalue

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

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