

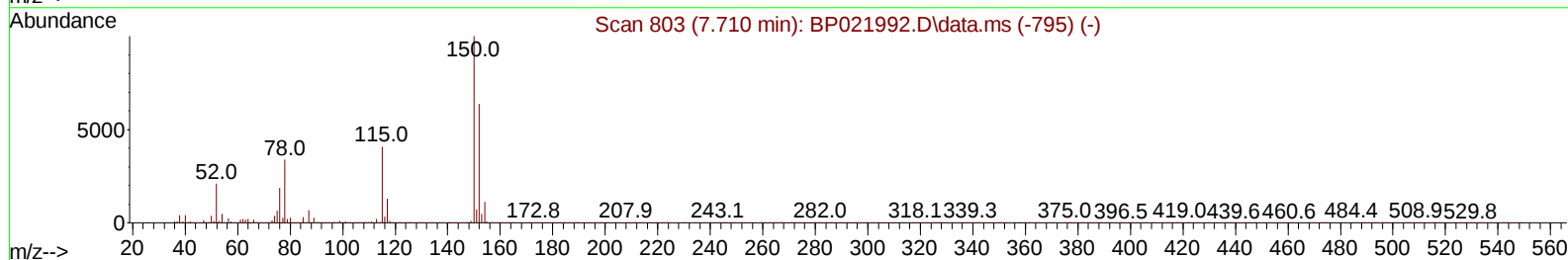
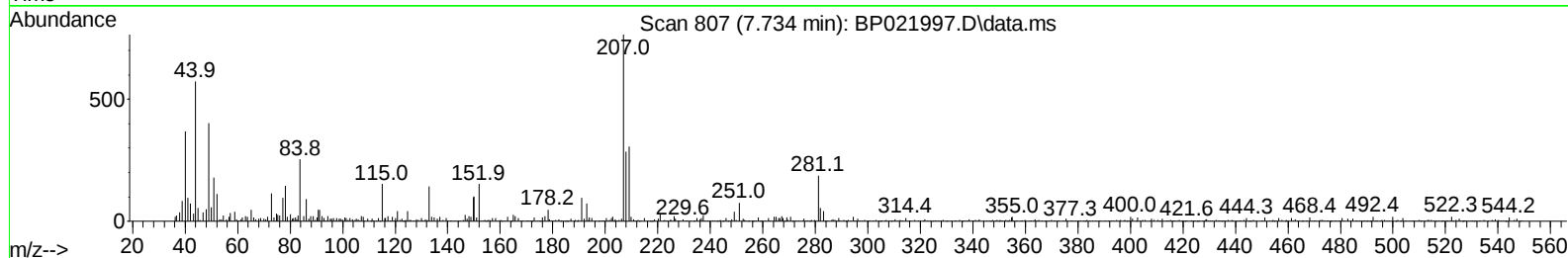
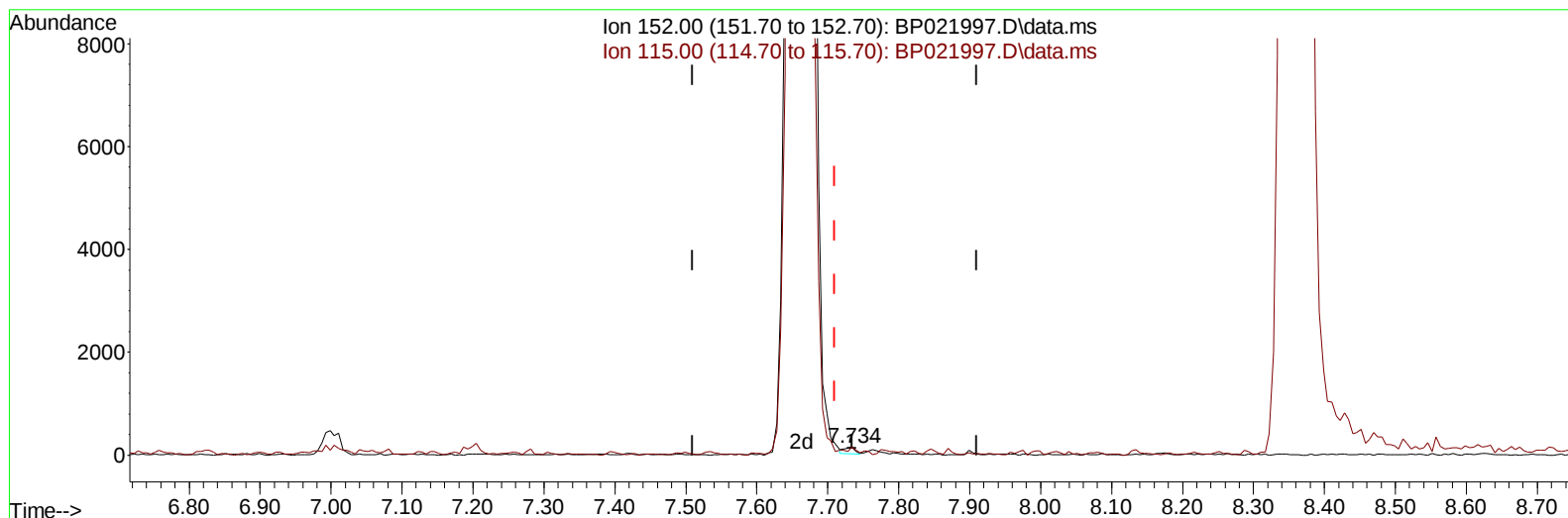
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092424\  
Data File : BP021997.D  
Acq On : 24 Sep 2024 16:18  
Operator : RC/JU  
Sample : PB163502BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK502

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 24 17:19:12 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 24 15:23:13 2024  
Response via : Initial Calibration



TIC: BP021997.D\data.ms

## (1) 1,4-Dichlorobenzene-d4 (I)

7.734min (+ 0.024) 20.00 ng/u1

response 129

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 152.00 | 100.00 | 100.00  |
| 115.00 | 64.00  | 100.00# |
| 0.00   | 0.00   | 0.00    |
| 0.00   | 0.00   | 0.00    |

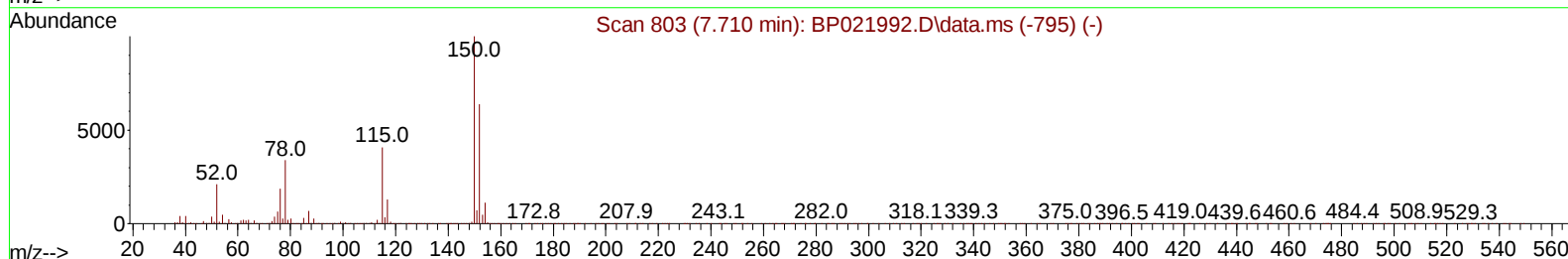
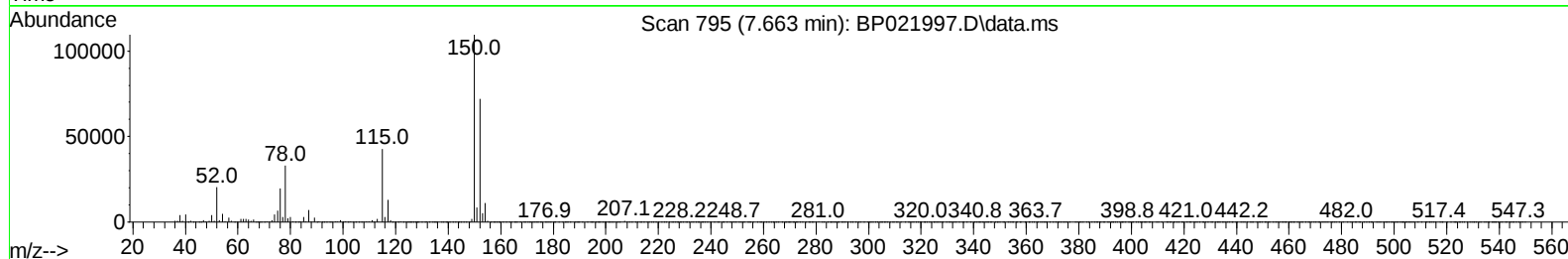
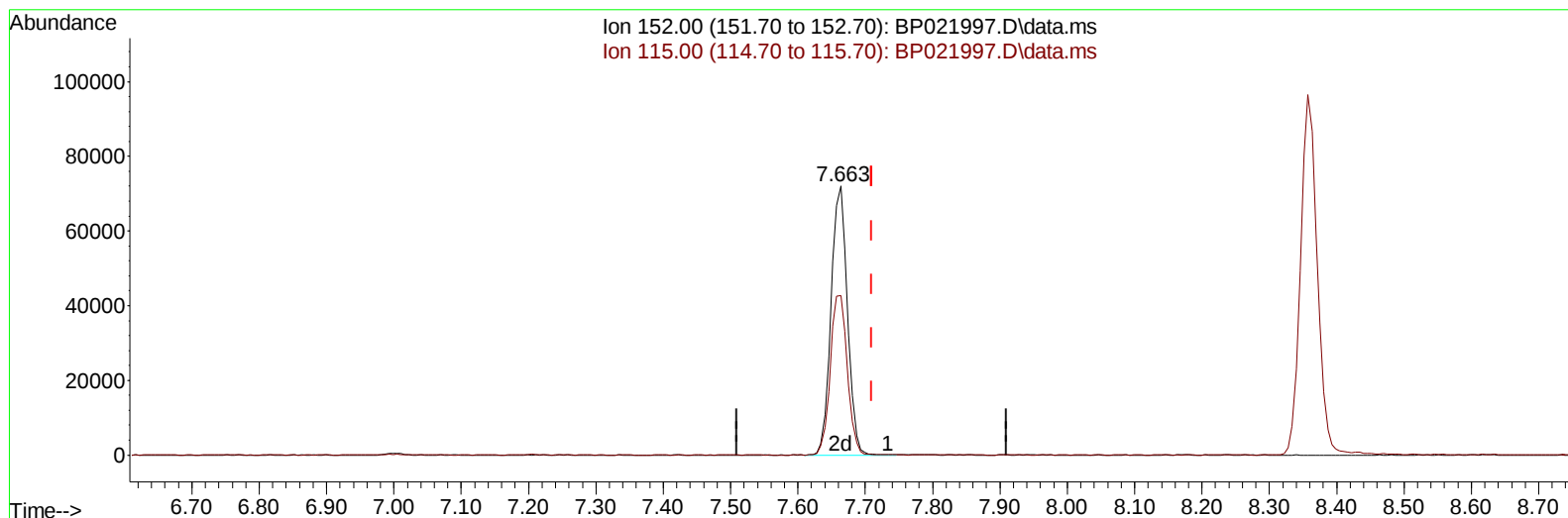
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TIC: BP021997.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.663min (-0.047) 20.00 ng/u1 m

response 121295

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 115.00 | 64.00  | 59.41  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092424\  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA\_P

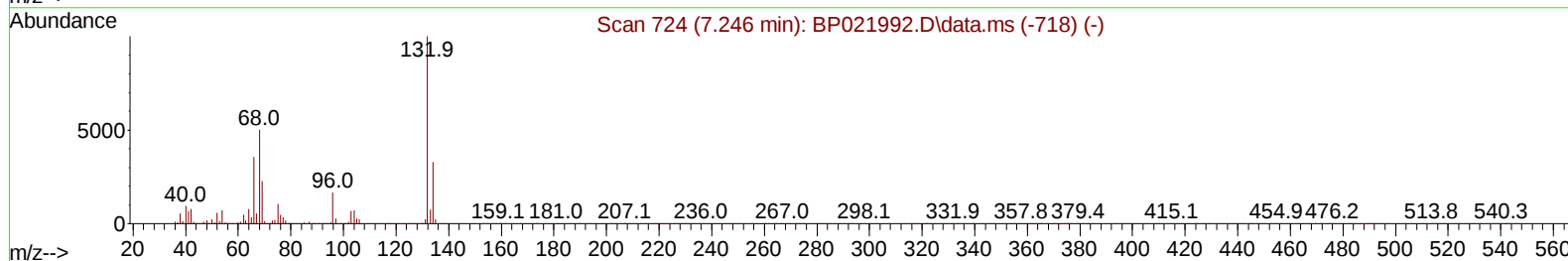
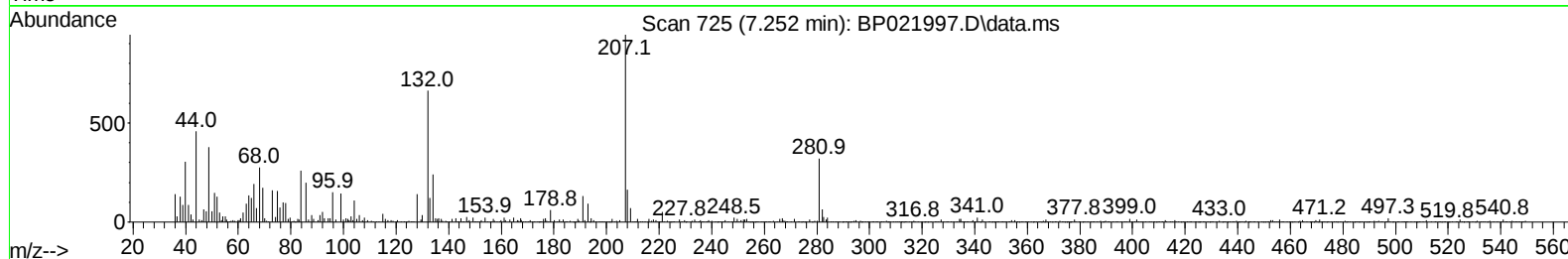
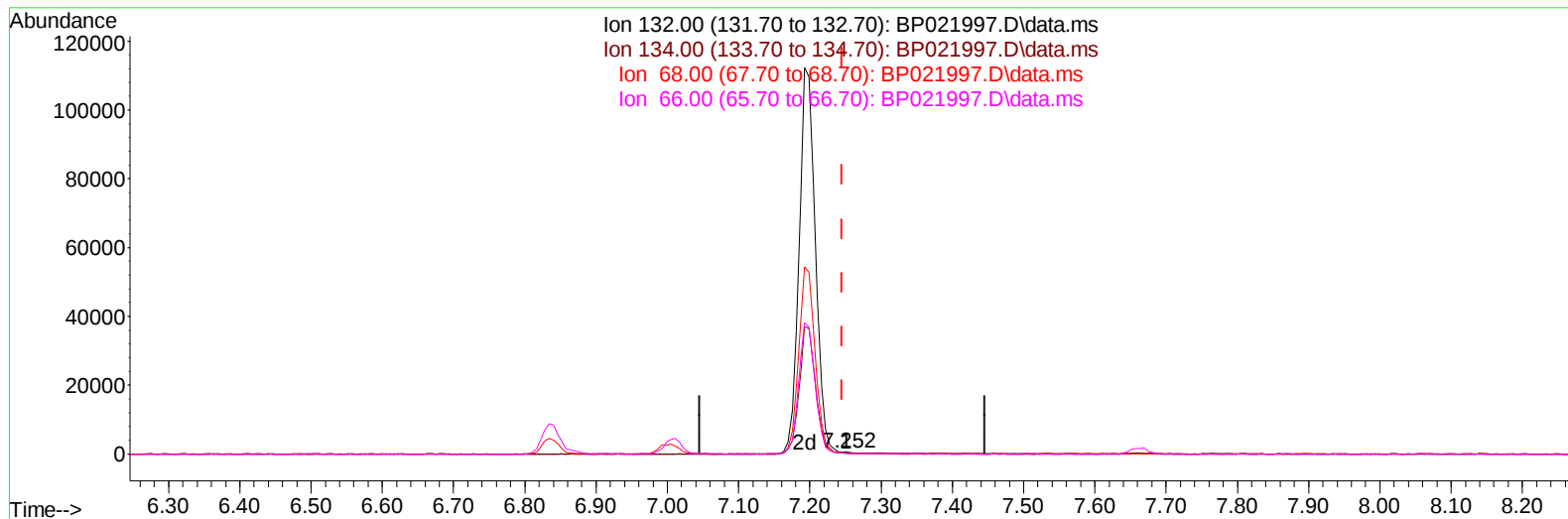
ClientSampleId :

SBLK502

Manual IntegrationsAPPROVED

Quant Time: Sep 24 17:20:13 2024  
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TIC: BP021997.D\data.ms

**(11) 2-Chlorophenol-d4 (S)**

7.252min (+ 0.006) 0.04 ng/u1

response 277

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 132.00 | 100.00 | 100.00 |
| 134.00 | 33.00  | 36.25  |
| 68.00  | 50.20  | 41.84  |
| 66.00  | 35.70  | 29.00  |

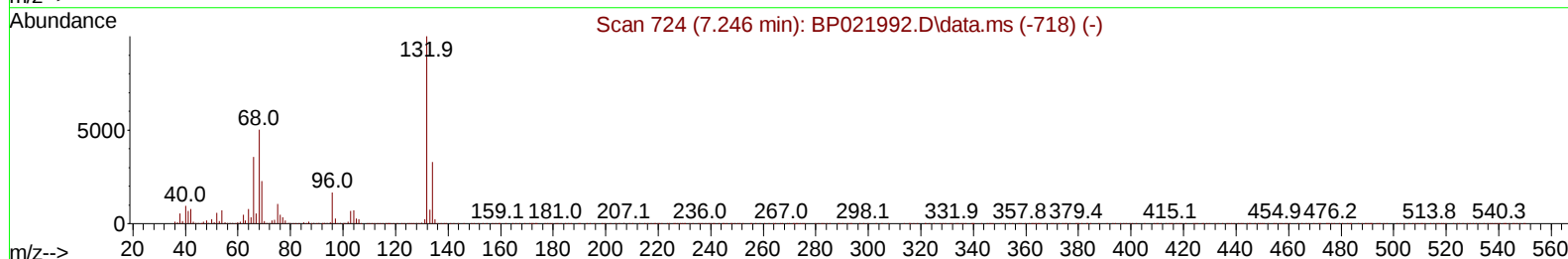
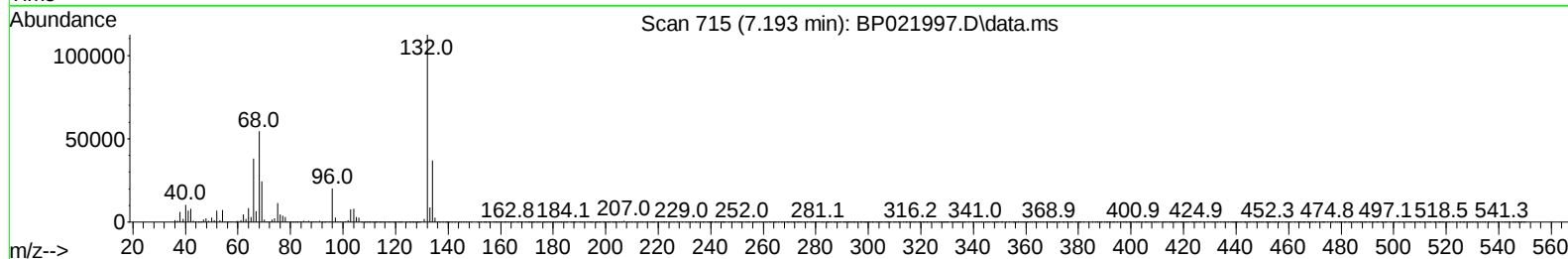
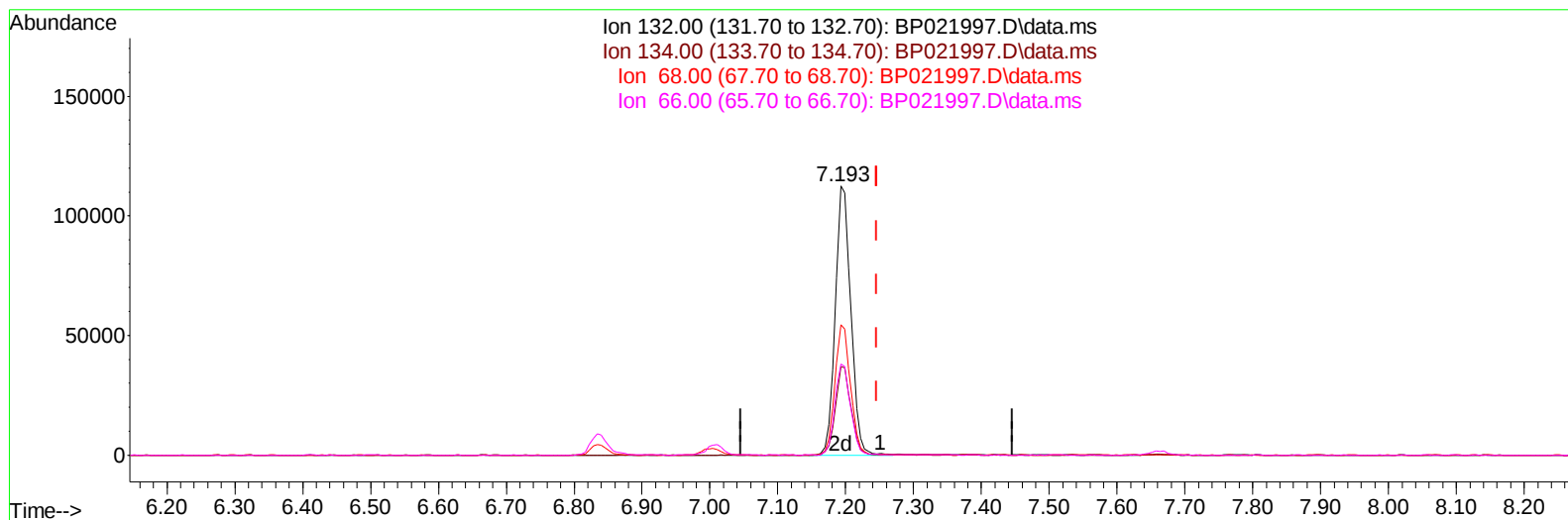
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092424\  
Data File : BP021997.D  
Acq On : 24 Sep 2024 16:18  
Operator : RC/JU  
Sample : PB163502BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SBLK502

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/28/2024

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TIC: BP021997.D\data.ms

## (11) 2-Chlorophenol-d4 (S)

7.193min (-0.053) 24.89 ng/u1 m

response 178679

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 132.00 | 100.00 | 100.00 |
| 134.00 | 33.00  | 32.89  |
| 68.00  | 50.20  | 48.37  |
| 66.00  | 35.70  | 33.90  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092424\  
 Data File : BP021997.D  
 Acq On : 24 Sep 2024 16:18  
 Operator : RC/JU  
 Sample : PB163502BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SBLK502

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 24 17:21:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 24 15:23:13 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.663  | 152  | 121295m  | 20.000 | ng/ul | -0.05    |
| 20) Naphthalene-d8            | 10.434 | 136  | 445367   | 20.000 | ng/ul | -0.04    |
| 38) Acenaphthene-d10          | 14.304 | 164  | 348417   | 20.000 | ng/ul | -0.02    |
| 64) Phenanthrene-d10          | 17.104 | 188  | 844290   | 20.000 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.551 | 240  | 951049   | 20.000 | ng/ul | 0.01     |
| 88) Perylene-d12              | 24.839 | 264  | 1056390  | 20.000 | ng/ul | 0.02     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.199  | 96   | 14704    | 4.748  | ng/uL | -0.02    |
| 4) Pyridine-d5                | 3.605  | 84   | 209737   | 23.695 | ng/ul | -0.03    |
| 7) Phenol-d5                  | 6.834  | 99   | 233996   | 23.583 | ng/ul | -0.06    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.999  | 67   | 150705   | 24.667 | ng/ul | -0.05    |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 178679m  | 24.890 | ng/ul | -0.05    |
| 15) 4-Methylphenol-d8         | 8.358  | 113  | 183809   | 23.379 | ng/ul | -0.05    |
| 21) Nitrobenzene-d5           | 8.799  | 128  | 88658    | 26.597 | ng/ul | -0.05    |
| 24) 2-Nitrophenol-d4          | 9.510  | 143  | 97462    | 25.786 | ng/ul | -0.05    |
| 28) 2,4-Dichlorophenol-d3     | 10.063 | 165  | 195663   | 23.838 | ng/ul | -0.03    |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 243527   | 24.866 | ng/ul | -0.05    |
| 46) Dimethylphthalate-d6      | 13.710 | 166  | 752130   | 27.926 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 13.987 | 160  | 738033   | 25.882 | ng/ul | -0.02    |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 100593   | 21.835 | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.310 | 176  | 621665   | 26.094 | ng/ul | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200  | 116759   | 22.275 | ng/ul | -0.02    |
| 73) Anthracene-d10            | 17.216 | 188  | 1067972  | 27.096 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.592 | 212  | 1376973  | 27.946 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.610 | 264  | 1484587  | 26.719 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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