

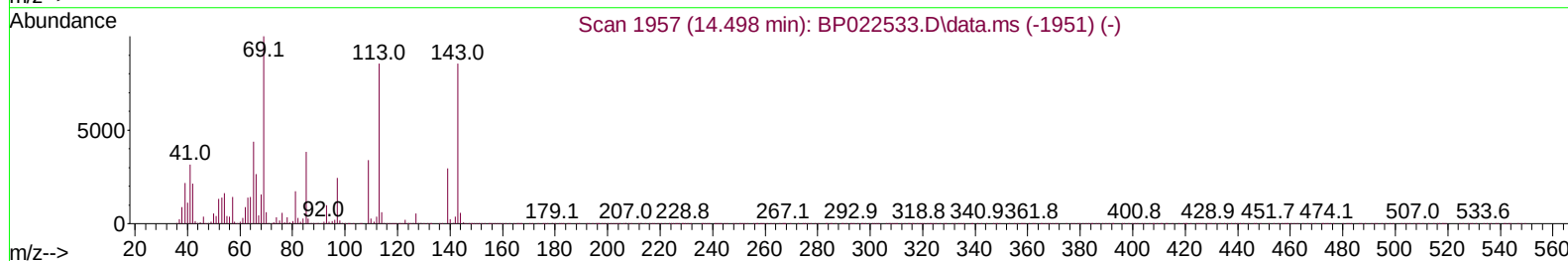
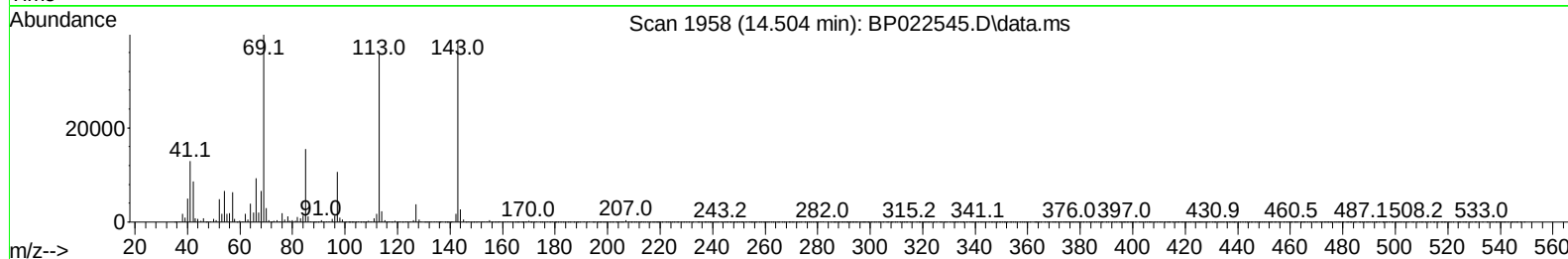
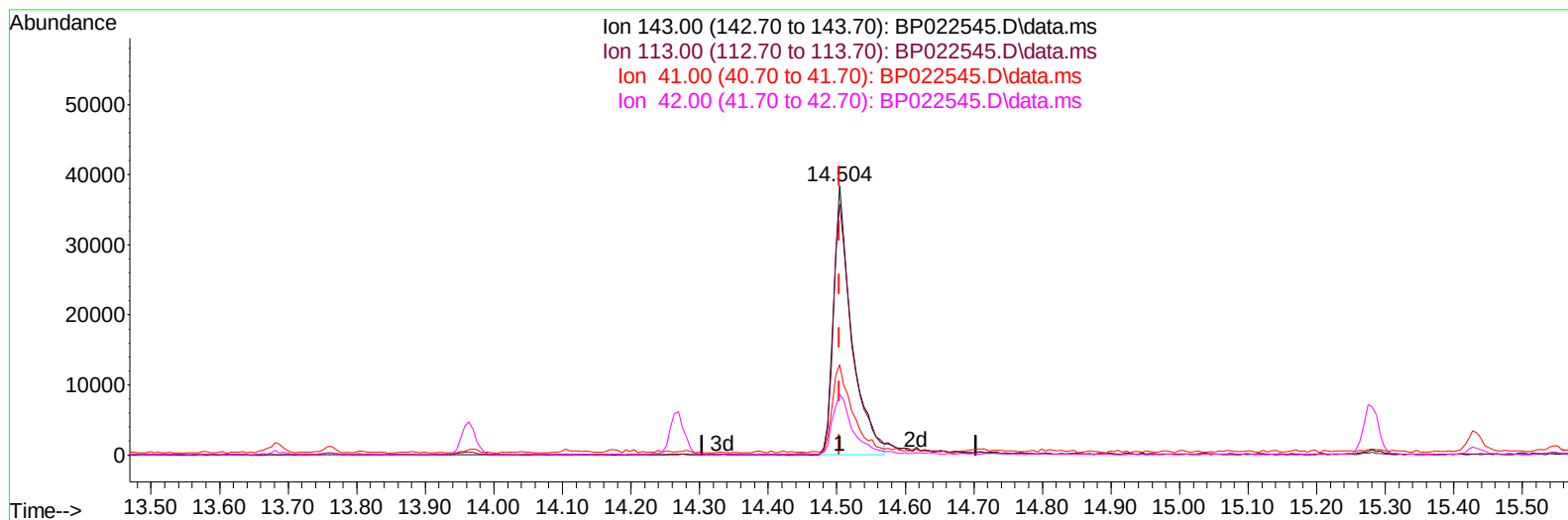
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102124\  
Data File : BP022545.D  
Acq On : 22 Oct 2024 20:30  
Operator : RC/JU  
Sample : P4414-19  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4F79

Manual IntegrationsAPPROVED

Quant Time: Oct 23 01:48:10 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 22 05:59:59 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024  
Supervised By :mohammad ahmed 10/25/2024



TIC: BP022545.D\data.ms

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

**14.504min (+ 0.000) 14.91 ng/ul**

**response 70570**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 93.24  |
| 41.00  | 35.90  | 33.60  |
| 42.00  | 23.70  | 22.57  |

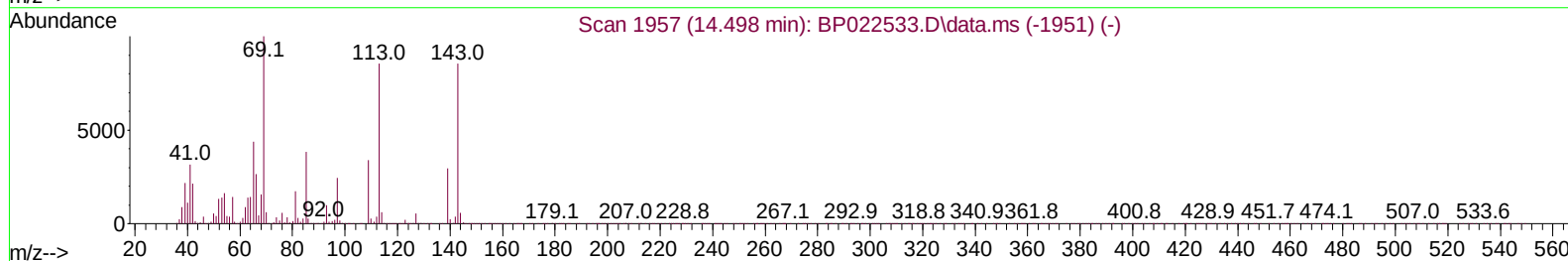
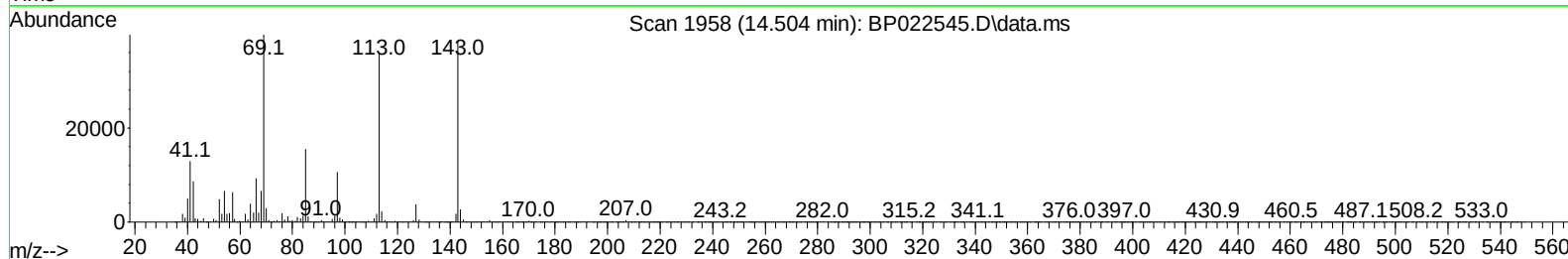
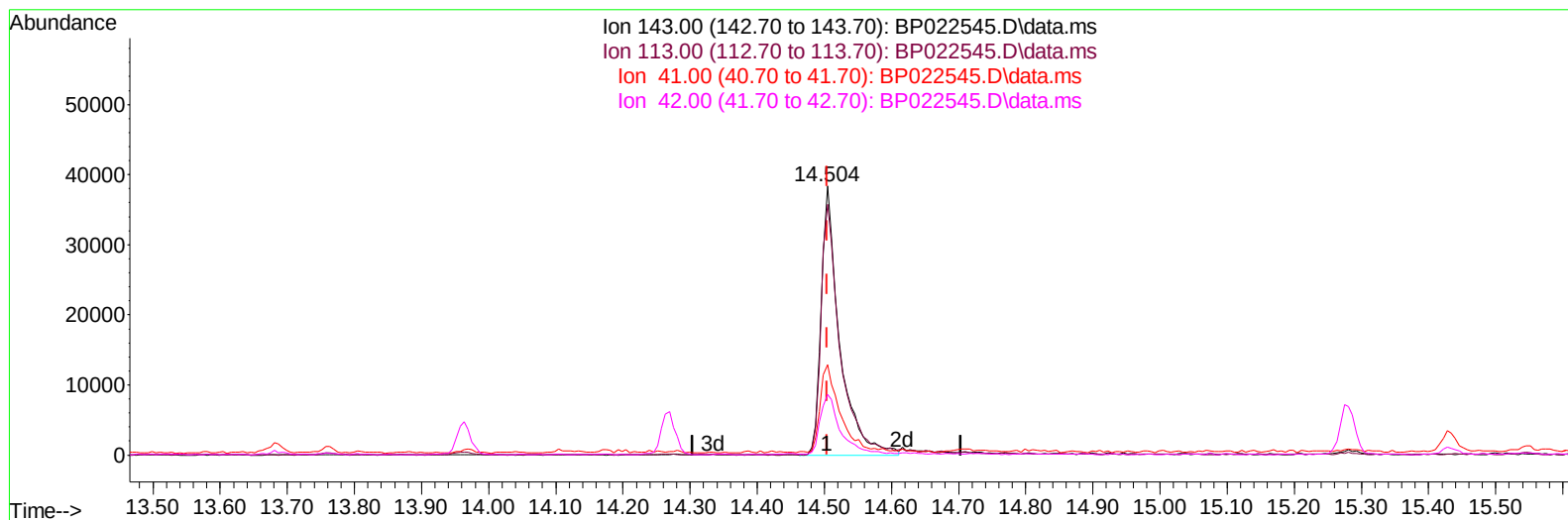
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TIC: BP022545.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.504min (+ 0.000) 15.52 ng/ul m

response 73442

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.60  | 93.24  |
| 41.00  | 35.90  | 33.60  |
| 42.00  | 23.70  | 22.57  |

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 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4F79

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024  
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 01:50:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 22 05:59:59 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.664  | 152  | 115321   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.416 | 136  | 450063   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.269 | 164  | 355015   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.081 | 188  | 844828   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.498 | 240  | 831054   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.757 | 264  | 983790   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.193  | 96   | 8261     | 2.784  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.611  | 84   | 113668   | 13.952 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.852  | 99   | 175035   | 18.031 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.005  | 67   | 106706   | 18.702 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.205  | 132  | 135859   | 19.724 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.369  | 113  | 153127   | 19.766 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.805  | 128  | 69830    | 20.179 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.510  | 143  | 81303    | 20.293 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.052 | 165  | 168246   | 19.758 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 197167   | 19.596 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.687 | 166  | 598808   | 21.229 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.963 | 160  | 645046   | 21.531 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.504 | 143  | 73442m   | 15.520 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.281 | 176  | 539839   | 22.065 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200  | 67002    | 12.059 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.187 | 188  | 883661   | 22.235 | ng/ul  | 0.02     |
| 81) Pyrene-d10                | 19.557 | 212  | 1077592  | 24.520 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.533 | 264  | 1183557  | 22.527 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.128 | 178  | 71870    | 1.590  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.210 | 202  | 111293   | 2.203  | ng/ul  | 99       |
| 82) Pyrene                    | 19.586 | 202  | 131194   | 2.423  | ng/ul  | 97       |
| 87) Chrysene                  | 21.545 | 228  | 63188    | 1.170  | ng/ul# | 91       |
| 90) Benzo(b)fluoranthene      | 23.727 | 252  | 68589    | 1.108  | ng/ul# | 96       |
| -----                         |        |      |          |        |        |          |

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

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