

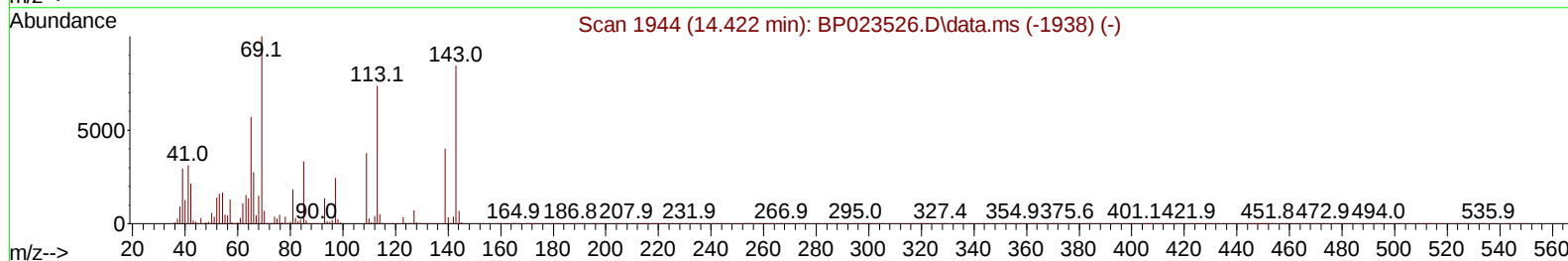
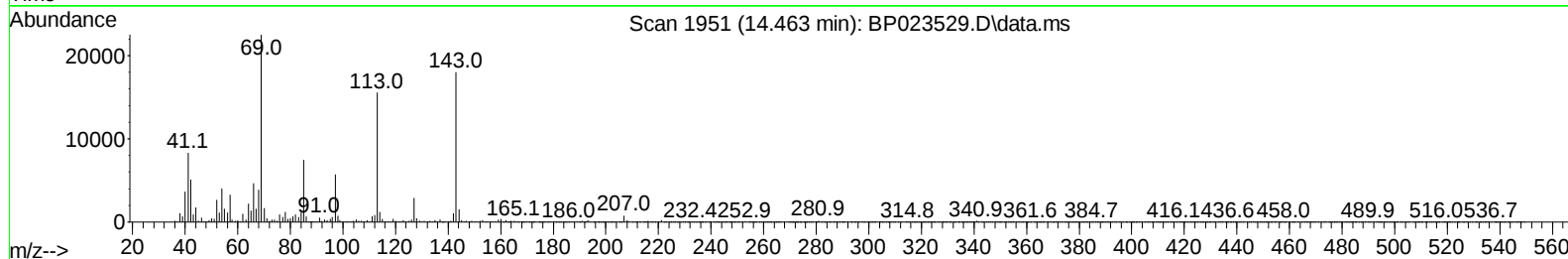
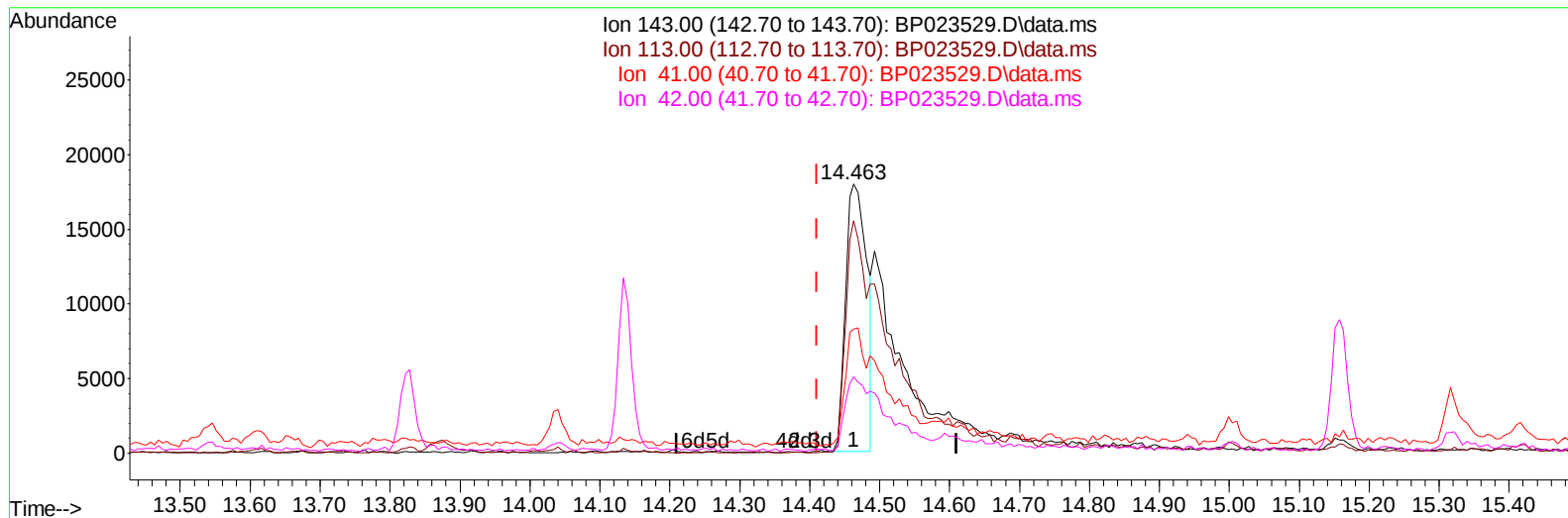
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023529.D  
Acq On : 19 Dec 2024 15:59  
Operator : RC/JU  
Sample : P5265-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28Y7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:57:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Dec 11 00:30:30 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023529.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.463min (+ 0.053) 7.24 ng/u1

response 38264

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 106.10 | 86.35  |
| 41.00  | 45.60  | 46.16  |
| 42.00  | 31.70  | 28.33  |

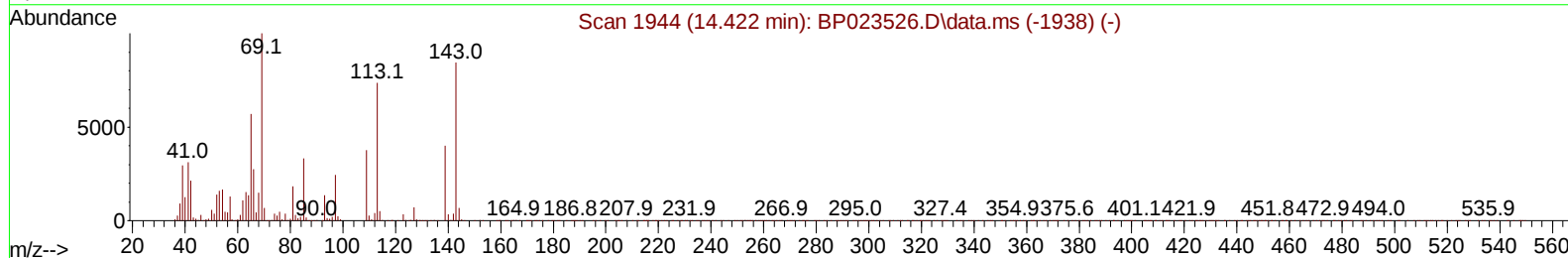
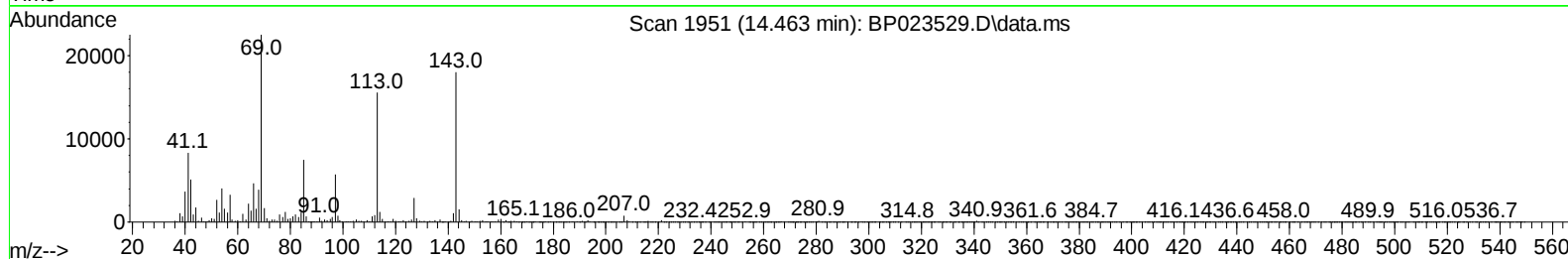
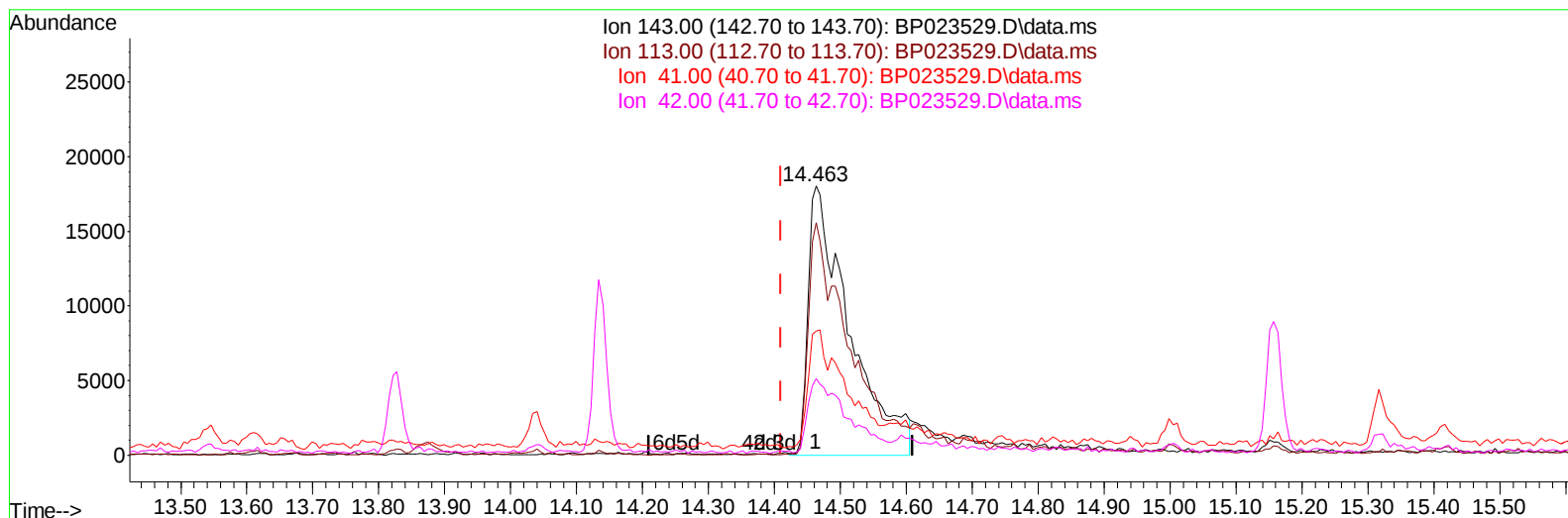
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TIC: BP023529.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.463min (+ 0.053) 14.74 ng/ul m

response 77877

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 106.10 | 86.35  |
| 41.00  | 45.60  | 46.16  |
| 42.00  | 31.70  | 28.33  |

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 BNA\_P  
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## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 16:59:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 11 00:30:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.522  | 152  | 187384   | 20.000 | ng/ul  | -0.02    |
| 20) Naphthalene-d8            | 10.269 | 136  | 749060   | 20.000 | ng/ul  | #-0.01   |
| 38) Acenaphthene-d10          | 14.134 | 164  | 555267   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 16.940 | 188  | 1274186  | 20.000 | ng/ul  | #-0.02   |
| 79) Chrysene-d12              | 21.363 | 240  | 1477559  | 20.000 | ng/ul  | #-0.02   |
| 88) Perylene-d12              | 24.522 | 264  | 1507424  | 20.000 | ng/ul  | -0.05    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.087  | 96   | 12469    | 2.450  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.529  | 84   | 38052    | 2.907  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 6.746  | 99   | 260634   | 17.727 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.881  | 67   | 175843   | 18.957 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.075  | 132  | 187906   | 17.316 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.252  | 113  | 187385   | 15.791 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.675  | 128  | 84981    | 15.193 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.381  | 143  | 100218   | 15.546 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 9.940  | 165  | 200910   | 14.766 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.452 | 131  | 116729   | 7.658  | ng/ul  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.546 | 166  | 747389   | 17.339 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 13.828 | 160  | 739990   | 16.275 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.463 | 143  | 77877m   | 14.743 | ng/ul  | 0.05     |
| 60) Fluorene-d10              | 15.157 | 176  | 602800   | 15.899 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.322 | 200  | 83603    | 10.857 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.040 | 188  | 978288   | 16.823 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.428 | 212  | 1047738  | 13.572 | ng/ul  | -0.02    |
| 92) Benzo(a)pyrene-d12        | 24.316 | 264  | 742604   | 9.203  | ng/ul  | -0.03    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 6.769  | 94   | 39358    | 2.571  | ng/ul  | 94       |
| 16) Acetophenone              | 8.352  | 105  | 91280    | 4.570  | ng/ul  | 100      |
| 72) Phenanthrene              | 16.987 | 178  | 72579    | 1.102  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.087 | 202  | 145902   | 1.649  | ng/ul# | 90       |
| 82) Pyrene                    | 19.463 | 202  | 106741   | 1.137  | ng/ul# | 89       |
| -----                         |        |      |          |        |        |          |

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

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