

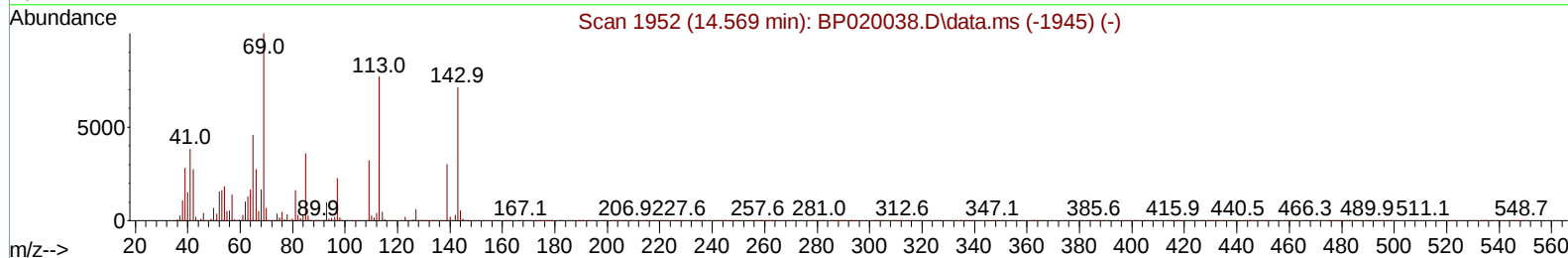
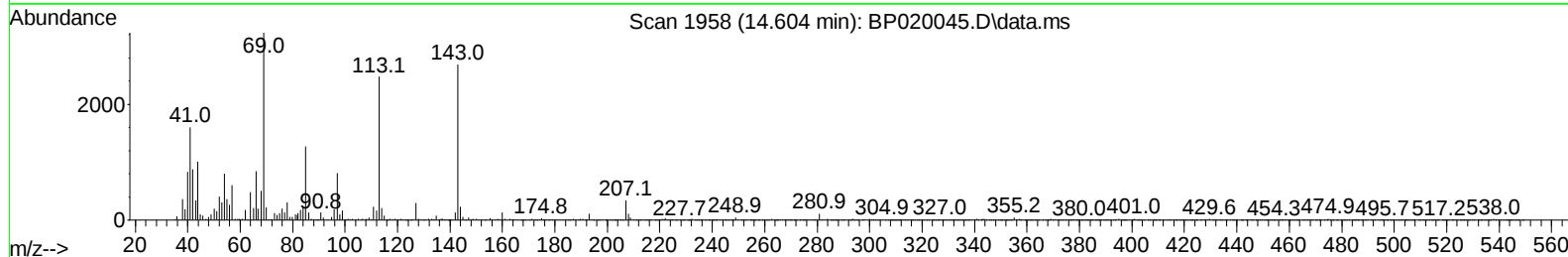
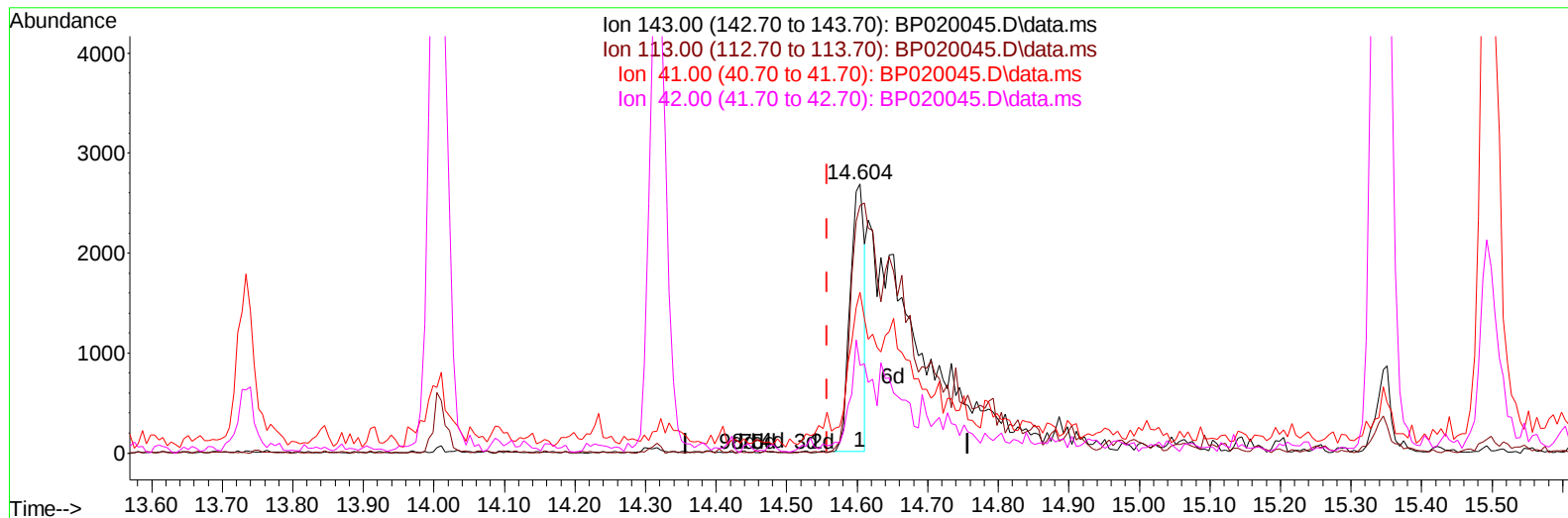
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042024\  
Data File : BP020045.D  
Acq On : 20 Apr 2024 15:49  
Operator : MA/JU  
Sample : P2161-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
MC0RB4

Manual IntegrationsAPPROVED

Quant Time: Apr 21 23:43:12 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Apr 20 01:32:50 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024  
Supervised By :mohammad ahmed 04/30/2024



TIC: BP020045.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.604min (+ 0.047) 1.72 ng/u1

response 3776

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 97.80  | 92.08  |
| 41.00  | 50.70  | 59.76  |
| 42.00  | 34.00  | 32.69  |



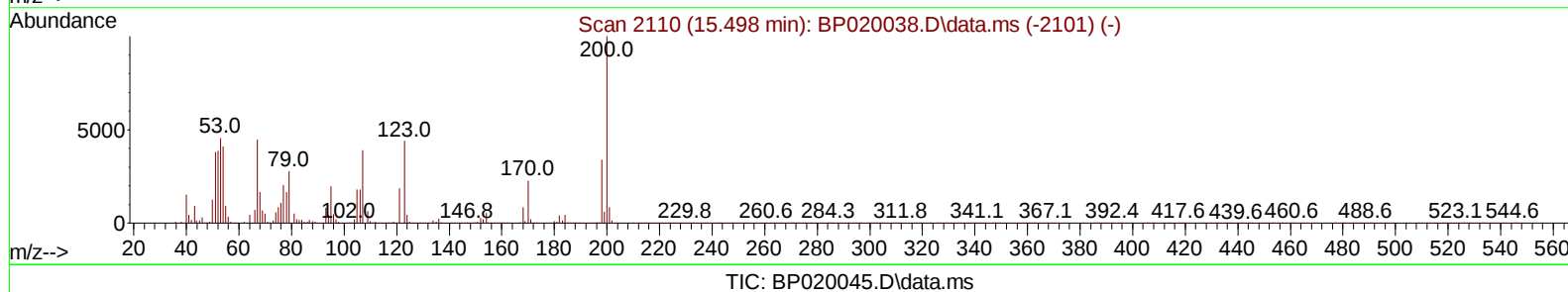
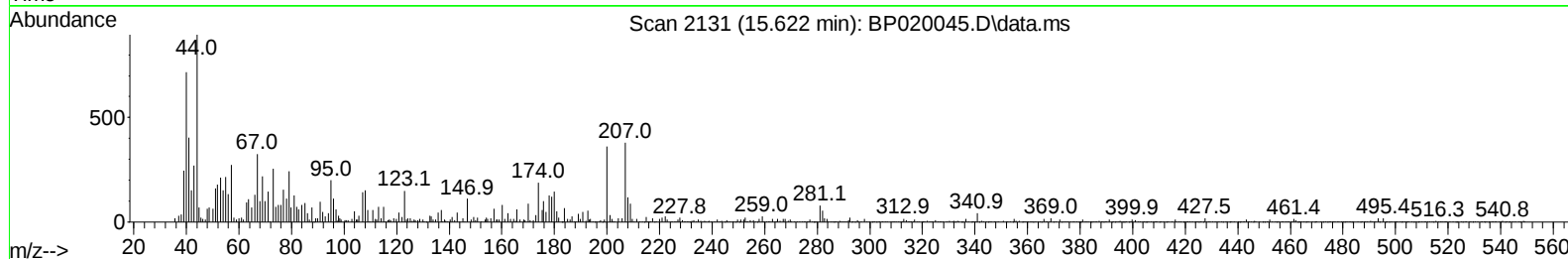
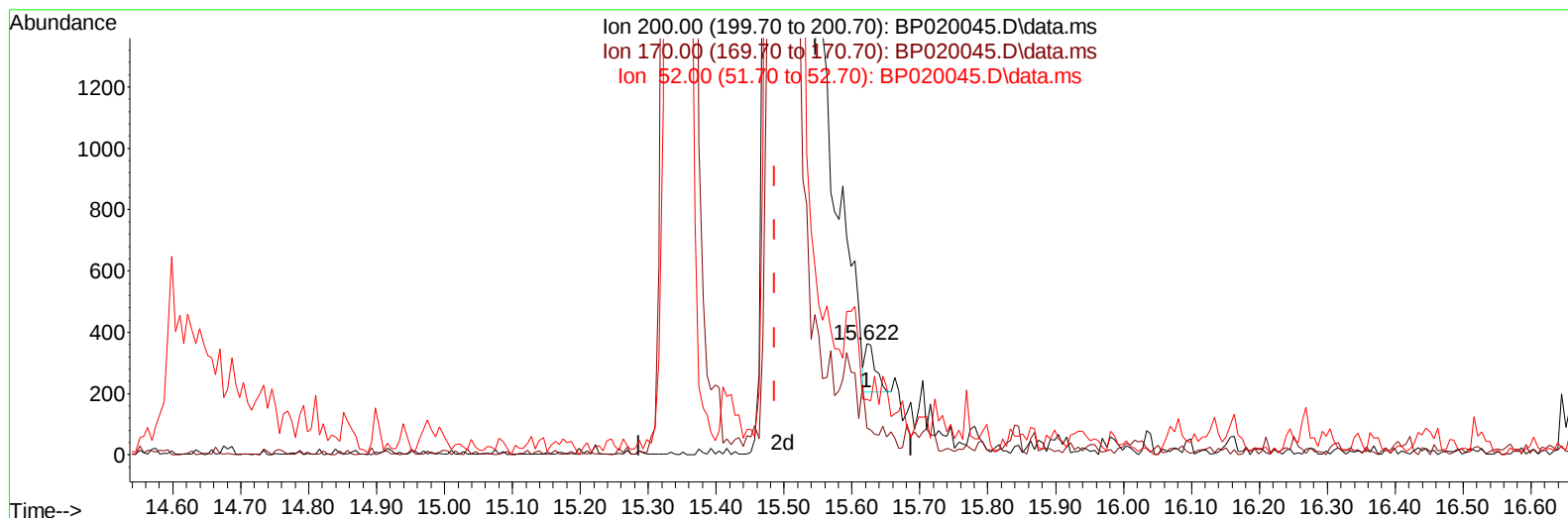
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.622min (+ 0.135) 0.06 ng/u1

response 165

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 23.30  | 24.03  |
| 52.00  | 53.50  | 49.72  |
| 0.00   | 0.00   | 0.00   |

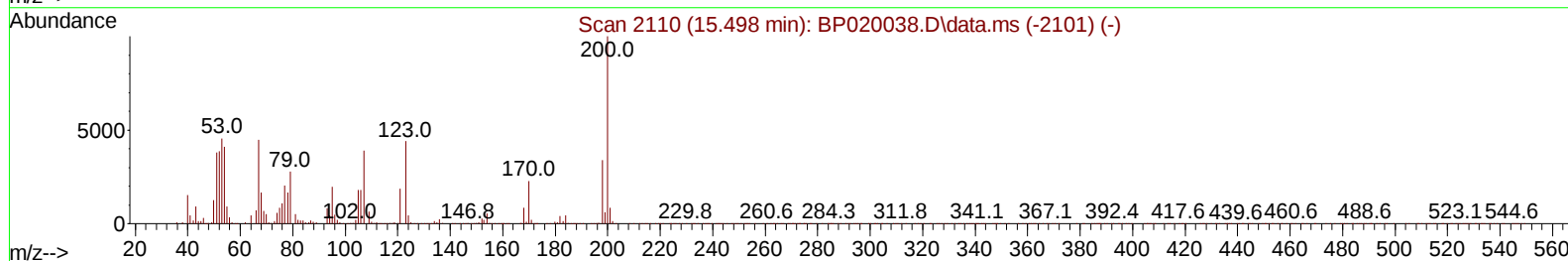
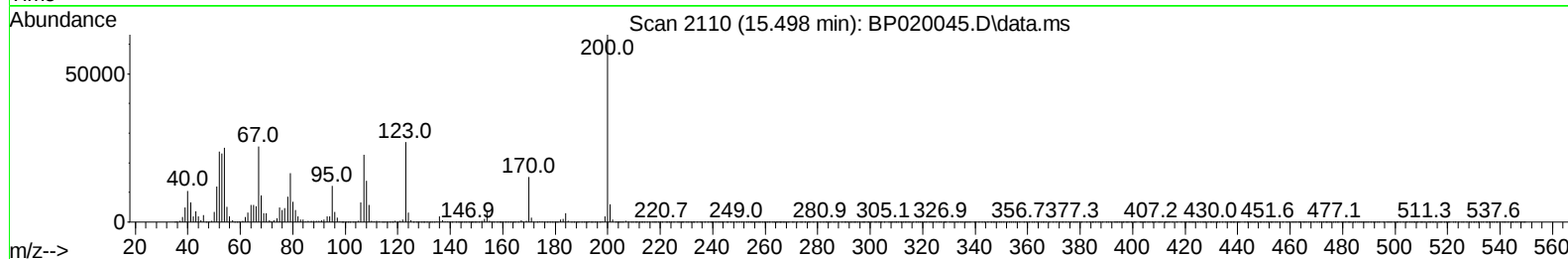
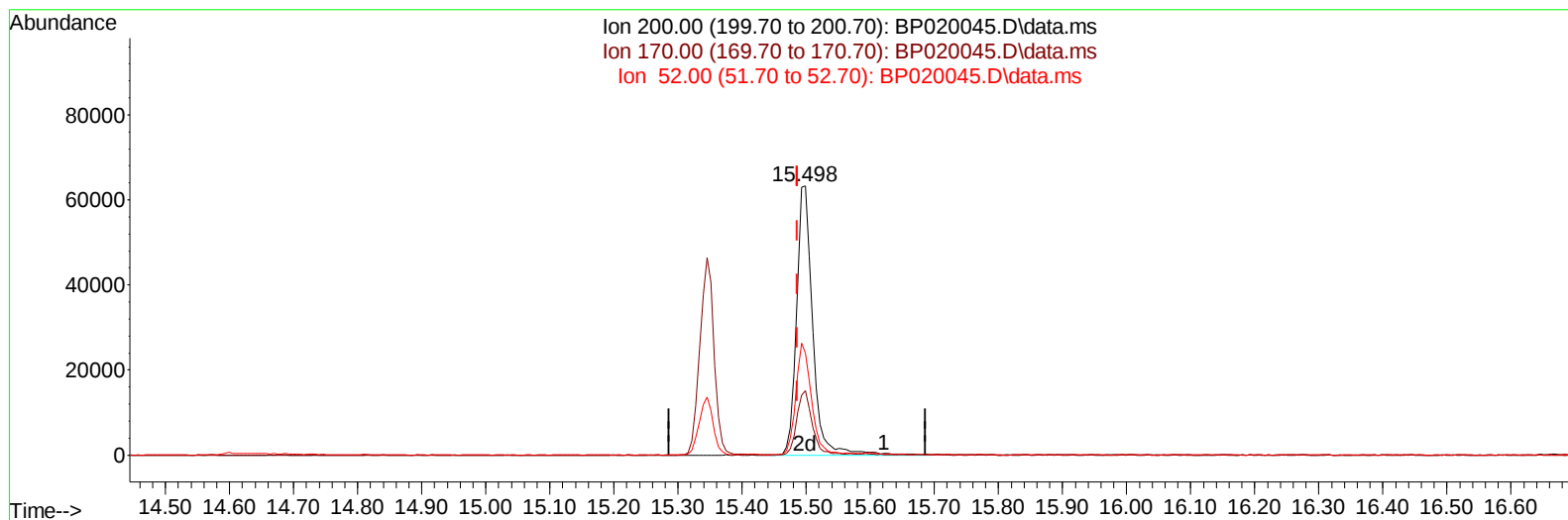
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Operator : MA/JU  
Sample : P2161-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BP020045.D\data.ms

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

15.498min (+ 0.012) 41.72 ng/ul m

response 111866

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 23.30  | 23.98  |
| 52.00  | 53.50  | 37.74# |
| 0.00   | 0.00   | 0.00   |

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 Sample : P2161-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MC0RB4

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024  
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 22 00:02:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP041924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Apr 20 01:32:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.640  | 152  | 78224    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.416 | 136  | 318313   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.316 | 164  | 211043   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.163 | 188  | 458952   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.663 | 240  | 448180   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 25.051 | 264  | 494384   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.228  | 96   | 8244     | 4.318  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 29181    | 5.193  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.828  | 99   | 44449    | 6.520  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.993  | 67   | 190551   | 39.988 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.175  | 132  | 139705   | 30.013 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.346  | 113  | 91403    | 17.163 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.799  | 128  | 99605    | 43.501 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.510  | 143  | 106399   | 42.989 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 172191   | 35.069 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.581 | 131  | 143835   | 21.944 | ng/ul | 0.01     |
| 46) Dimethylphthalate-d6      | 13.734 | 166  | 667383   | 46.272 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.004 | 160  | 741750   | 43.148 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.604 | 143  | 15911m   | 7.247  | ng/ul | 0.05     |
| 60) Fluorene-d10              | 15.345 | 176  | 574381   | 44.737 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 200  | 111866m  | 41.722 | ng/ul | 0.01     |
| 73) Anthracene-d10            | 17.263 | 188  | 968905   | 47.123 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 1187380  | 49.298 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.821 | 264  | 1185836  | 49.102 | ng/ul | 0.01     |

Target Compounds Qvalue

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

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