

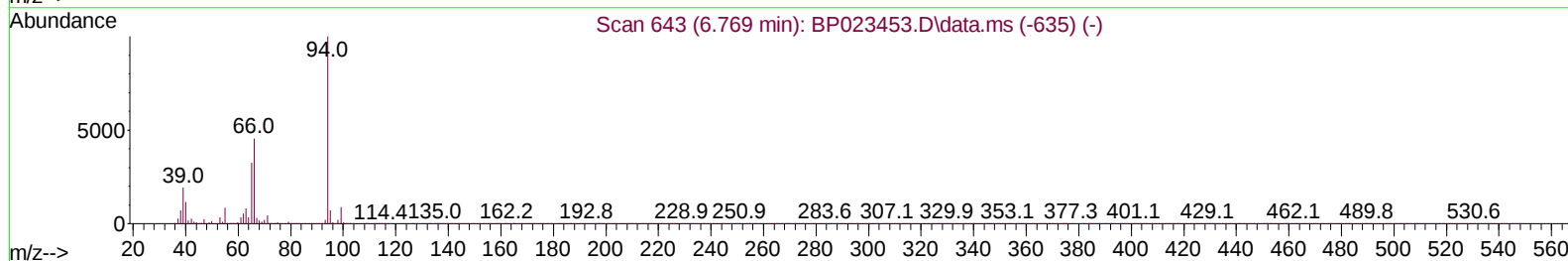
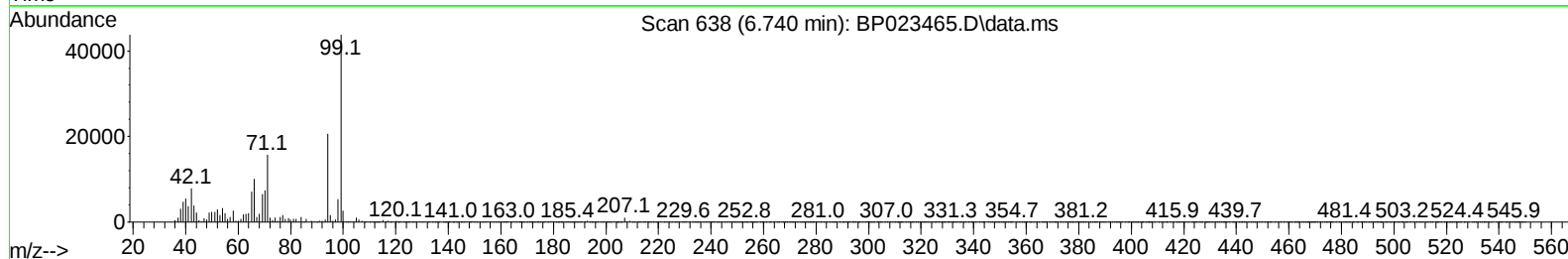
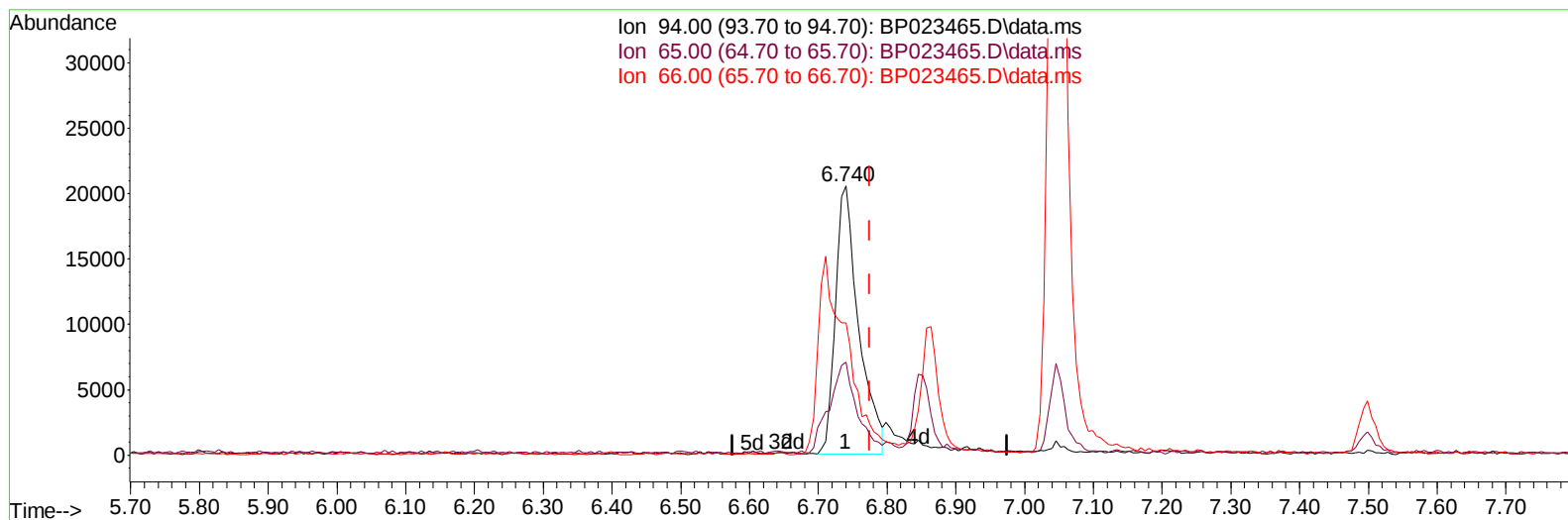
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
 Data File : BP023465.D  
 Acq On : 17 Dec 2024 14:11  
 Operator : RC/JU  
 Sample : P5258-09  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E28X3

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:16:21 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 12/18/2024  
 Supervised By :mohammad ahmed 12/19/2024



TIC: BP023465.D\data.ms

#### (8) Phenol

6.740min (-0.035) 1.84 ng/u1

response 48157

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 35.00  | 34.60  |
| 66.00 | 52.50  | 49.24  |
| 0.00  | 0.00   | 0.00   |

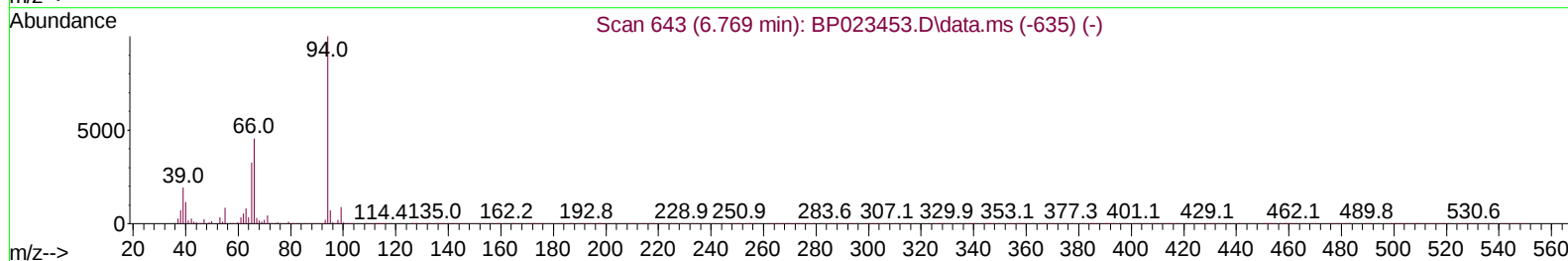
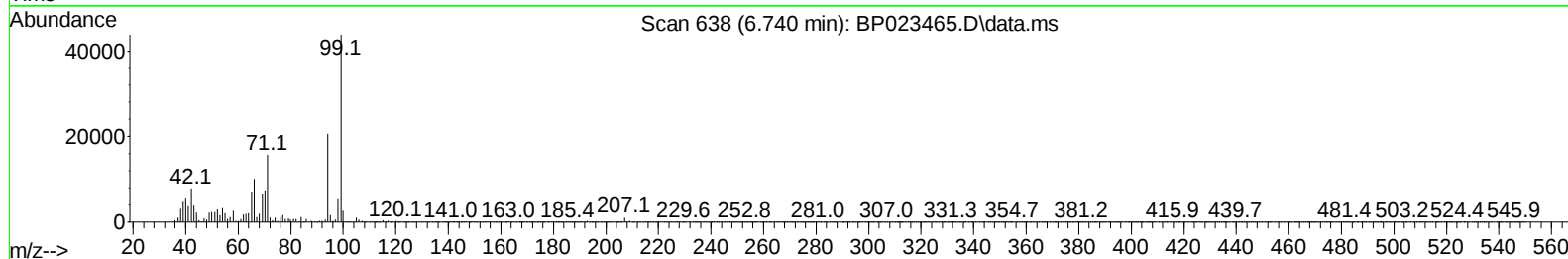
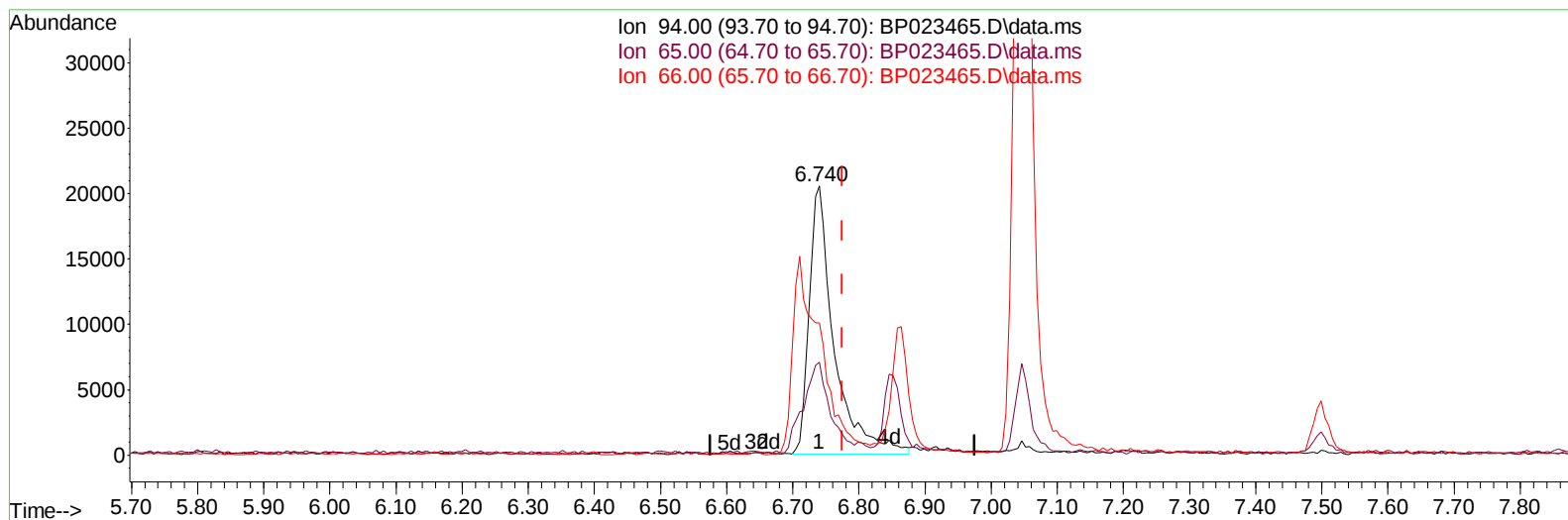
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Manual IntegrationsAPPROVED

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TIC: BP023465.D\data.ms

#### (8) Phenol

6.740min (-0.035) 2.05 ng/u1 m

response 53688

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 35.00  | 34.60  |
| 66.00 | 52.50  | 49.24  |
| 0.00  | 0.00   | 0.00   |

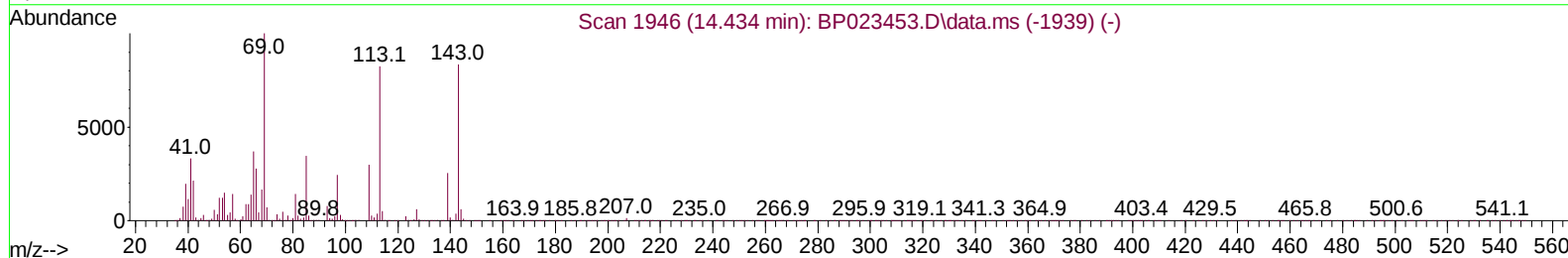
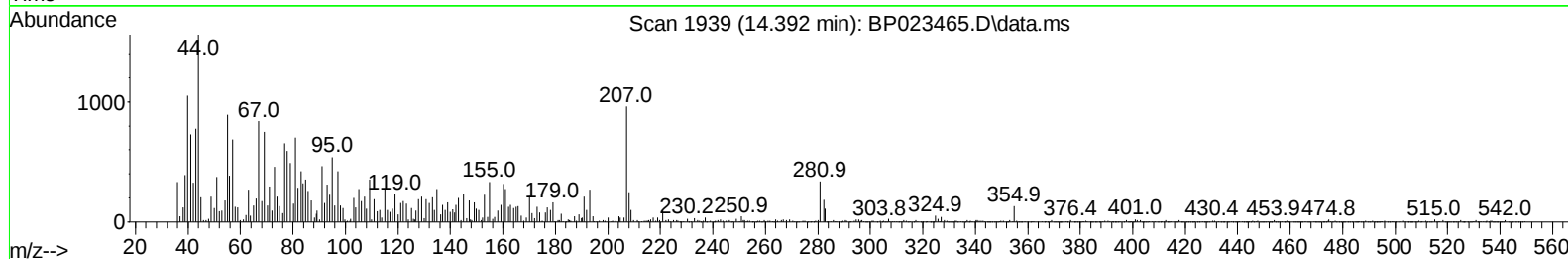
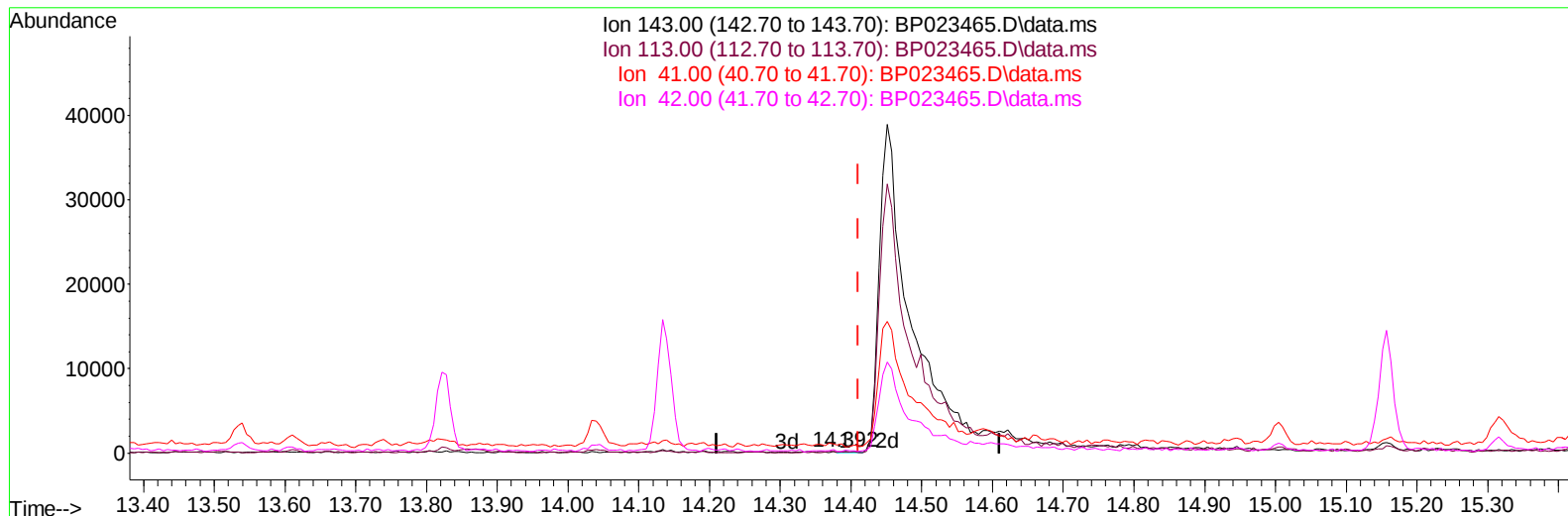
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
Data File : BP023465.D  
Acq On : 17 Dec 2024 14:11  
Operator : RC/JU  
Sample : P5258-09  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28X3

Manual IntegrationsAPPROVED

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TIC: BP023465.D\data.ms

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

**14.392min (-0.018) 0.02 ng/ul**

**response 137**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 106.10 | 49.50#  |
| 41.00  | 45.60  | 360.89# |
| 42.00  | 31.70  | 161.88# |

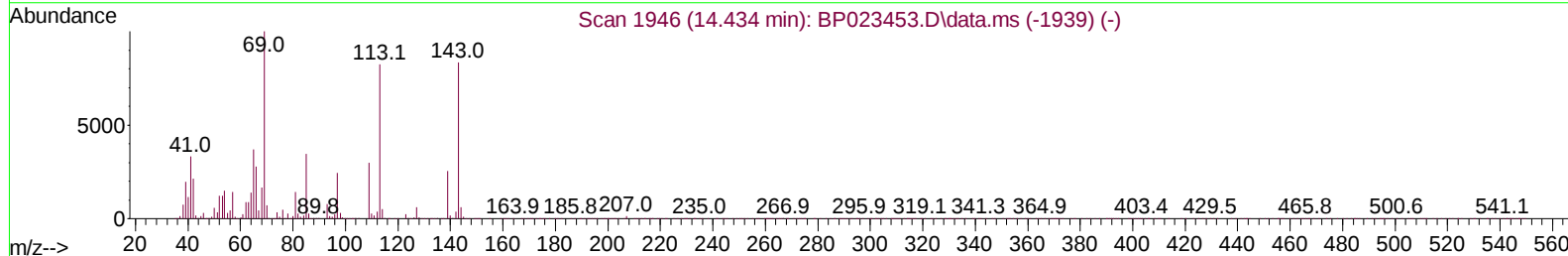
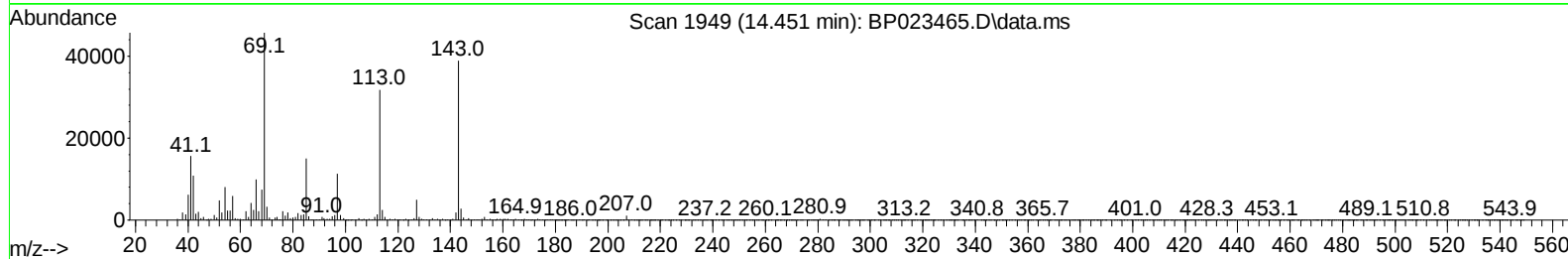
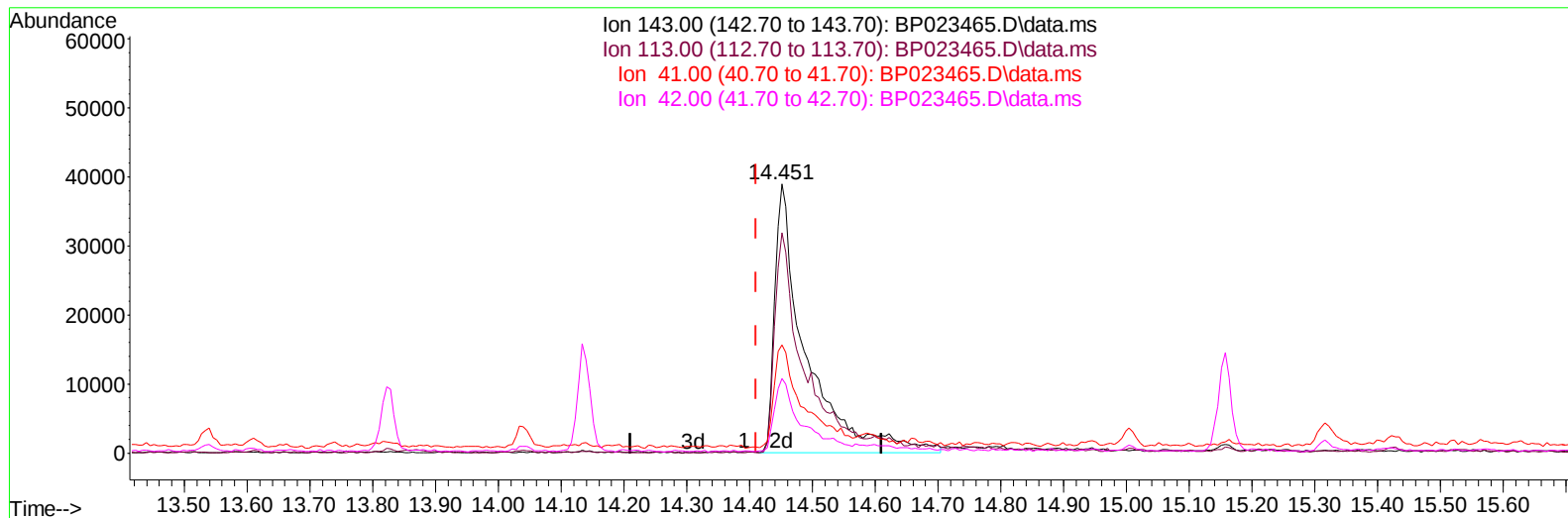
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
Data File : BP023465.D  
Acq On : 17 Dec 2024 14:11  
Operator : RC/JU  
Sample : P5258-09  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28X3

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:16:21 2024  
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TIC: BP023465.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.451min (+ 0.041) 16.94 ng/ul m

response 134232

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 106.10 | 81.82# |
| 41.00  | 45.60  | 40.13  |
| 42.00  | 31.70  | 27.72  |

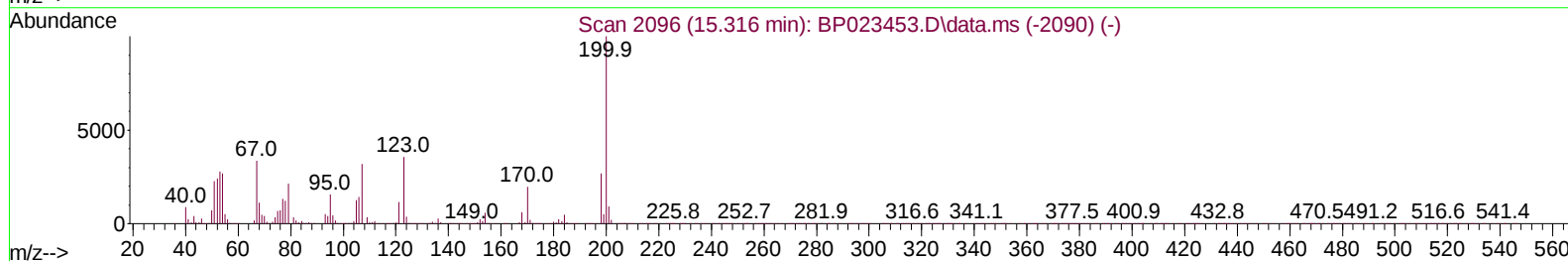
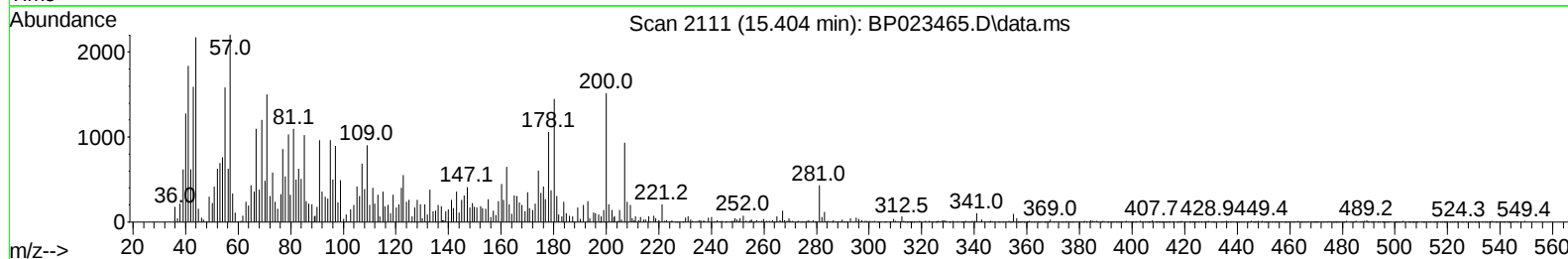
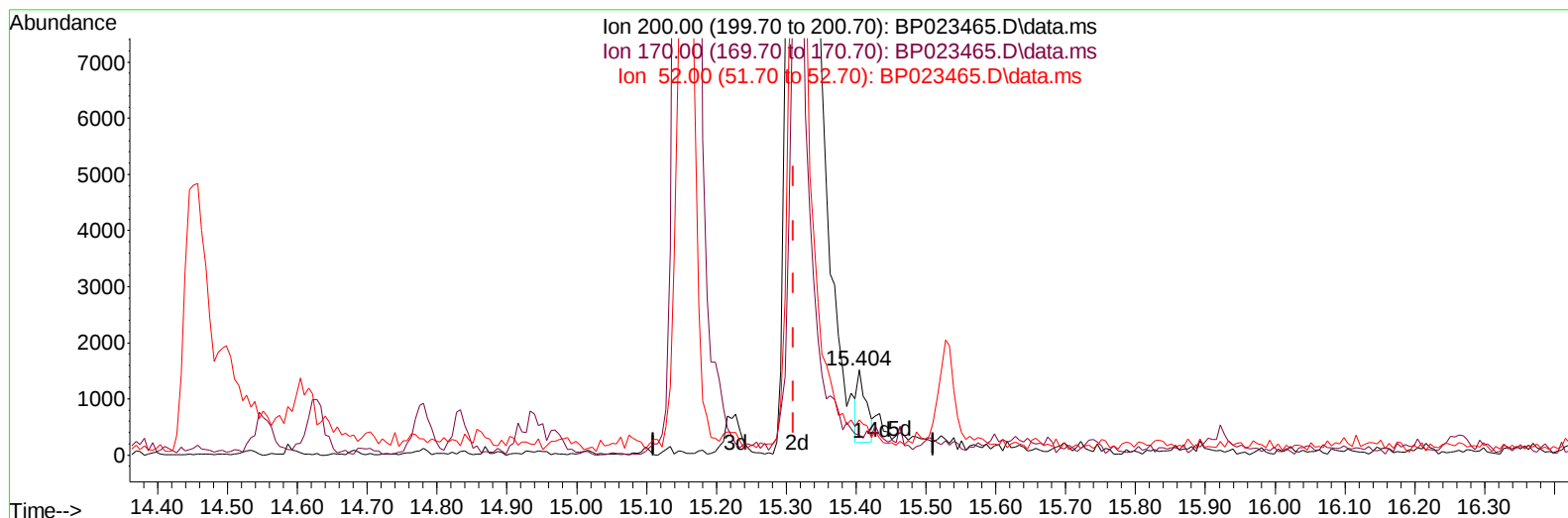
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
Data File : BP023465.D  
Acq On : 17 Dec 2024 14:11  
Operator : RC/JU  
Sample : P5258-09  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28X3

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:16:21 2024  
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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Dec 11 00:30:30 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024  
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TIC: BP023465.D\data.ms

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

15.404min (+ 0.094) 0.12 ng/u1

response 1148

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 23.30  | 23.40  |
| 52.00  | 37.90  | 41.40  |
| 0.00   | 0.00   | 0.00   |

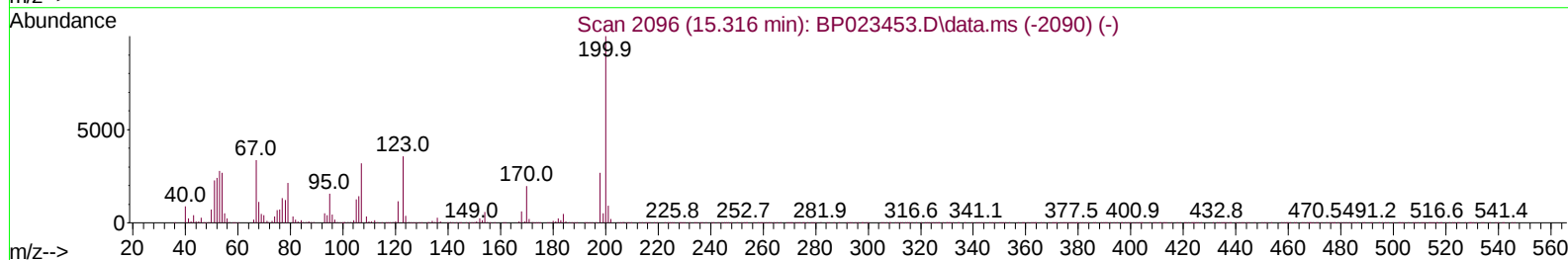
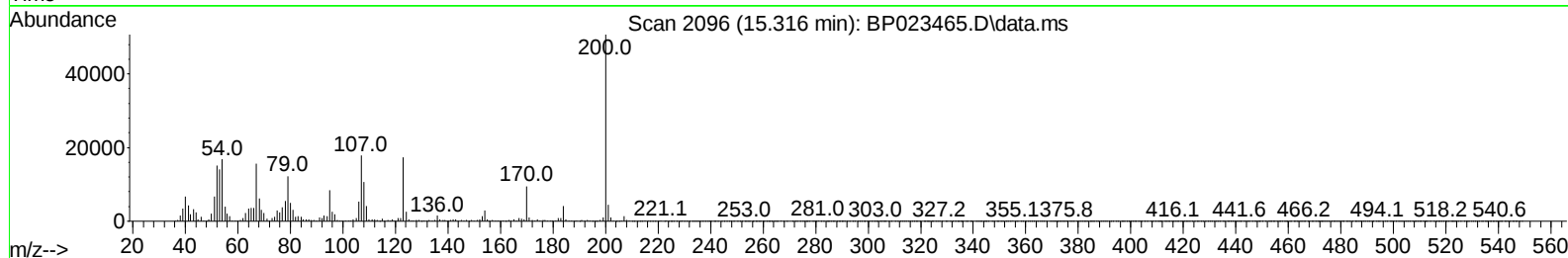
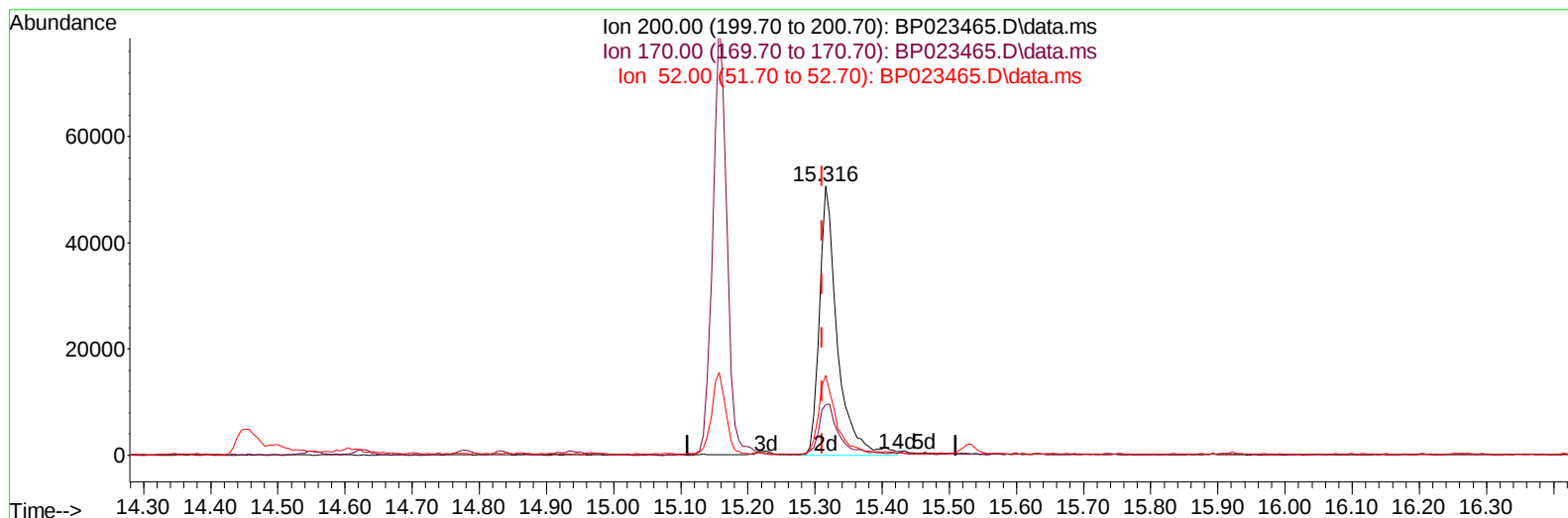
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
Data File : BP023465.D  
Acq On : 17 Dec 2024 14:11  
Operator : RC/JU  
Sample : P5258-09  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28X3

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:16:21 2024  
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TIC: BP023465.D\data.ms

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

15.316min (+ 0.006) 9.82 ng/ul m

response 93348

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 23.30  | 18.71  |
| 52.00  | 37.90  | 29.70# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121624\  
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 Operator : RC/JU  
 Sample : P5258-09  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E28X3

Manual IntegrationsAPPROVED

Quant Time: Dec 17 23:21:52 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.499  | 152  | 320996   | 20.000 | ng/ul  | -0.04    |
| 20) Naphthalene-d8            | 10.252 | 136  | 1222498  | 20.000 | ng/ul  | #-0.03   |
| 38) Acenaphthene-d10          | 14.134 | 164  | 832980   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 16.957 | 188  | 1573568  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.392 | 240  | 1225117  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.568 | 264  | 1455759  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.081  | 96   | 28736    | 3.296  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.505  | 84   | 78836    | 3.516  | ng/ul  | -0.01    |
| 7) Phenol-d5                  | 6.711  | 99   | 524601   | 20.829 | ng/ul  | -0.04    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.852  | 67   | 362115   | 22.789 | ng/ul  | -0.04    |
| 11) 2-Chlorophenol-d4         | 7.046  | 132  | 396593   | 21.335 | ng/ul  | -0.04    |
| 15) 4-Methylphenol-d8         | 8.222  | 113  | 336935   | 16.575 | ng/ul  | -0.04    |
| 21) Nitrobenzene-d5           | 8.640  | 128  | 197427   | 21.627 | ng/ul  | -0.05    |
| 24) 2-Nitrophenol-d4          | 9.352  | 143  | 228951   | 21.761 | ng/ul  | -0.04    |
| 28) 2,4-Dichlorophenol-d3     | 9.910  | 165  | 423680   | 19.080 | ng/ul  | -0.02    |
| 31) 4-Chloroaniline-d4        | 10.410 | 131  | 305944   | 12.299 | ng/ul  | -0.03    |
| 46) Dimethylphthalate-d6      | 13.540 | 166  | 1355431  | 20.961 | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 13.828 | 160  | 1316745  | 19.305 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.451 | 143  | 134232m  | 16.940 | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.157 | 176  | 968733   | 17.032 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.316 | 200  | 93348m   | 9.816  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.051 | 188  | 1303232  | 18.147 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 1090595  | 17.039 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.345 | 264  | 737076   | 9.458  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 6.740  | 94   | 53688m   | 2.048  | ng/ul  |          |
| 16) Acetophenone              | 8.316  | 105  | 141372   | 4.132  | ng/ul  | 95       |
| 72) Phenanthrene              | 16.998 | 178  | 270751   | 3.328  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.098 | 202  | 483231   | 6.589  | ng/ul# | 93       |
| 82) Pyrene                    | 19.475 | 202  | 335217   | 4.307  | ng/ul# | 89       |
| 85) Benzo(a)anthracene        | 21.374 | 228  | 213908   | 2.604  | ng/ul  | 97       |
| 87) Chrysene                  | 21.439 | 228  | 194380   | 2.469  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.574 | 252  | 291958   | 3.192  | ng/ul# | 93       |
| 93) Benzo(a)pyrene            | 24.410 | 252  | 118293   | 1.426  | ng/ul# | 92       |
| -----                         |        |      |          |        |        |          |

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

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BNA\_P  
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