

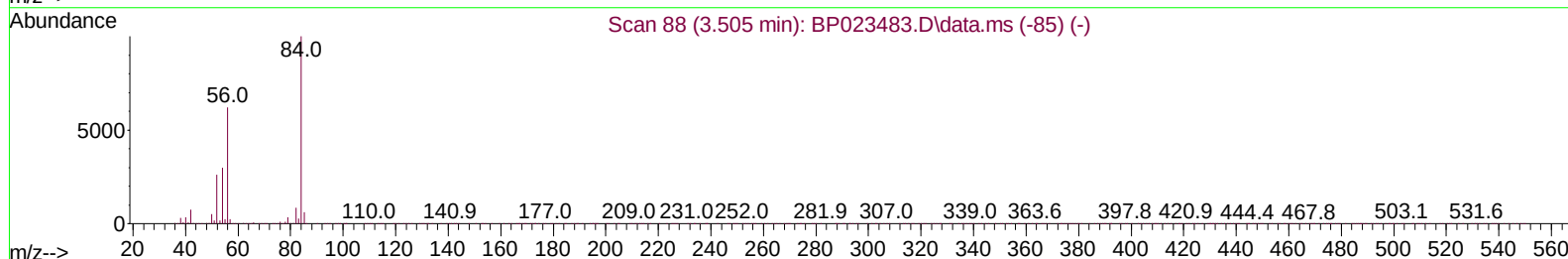
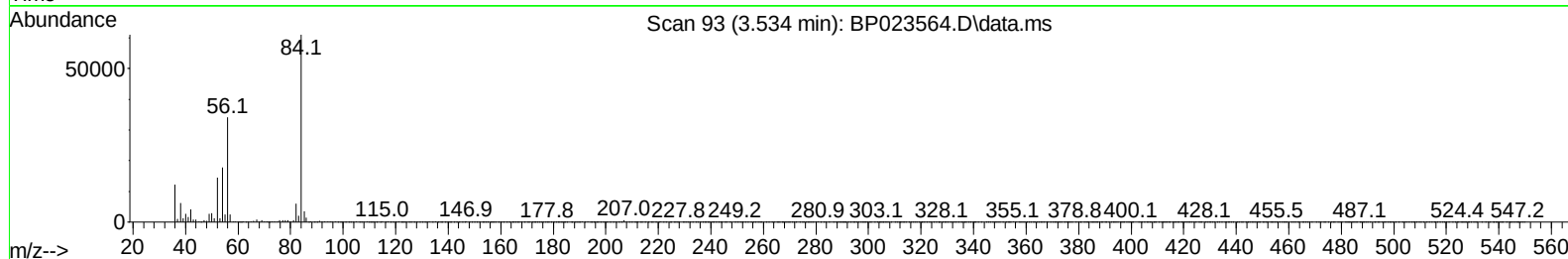
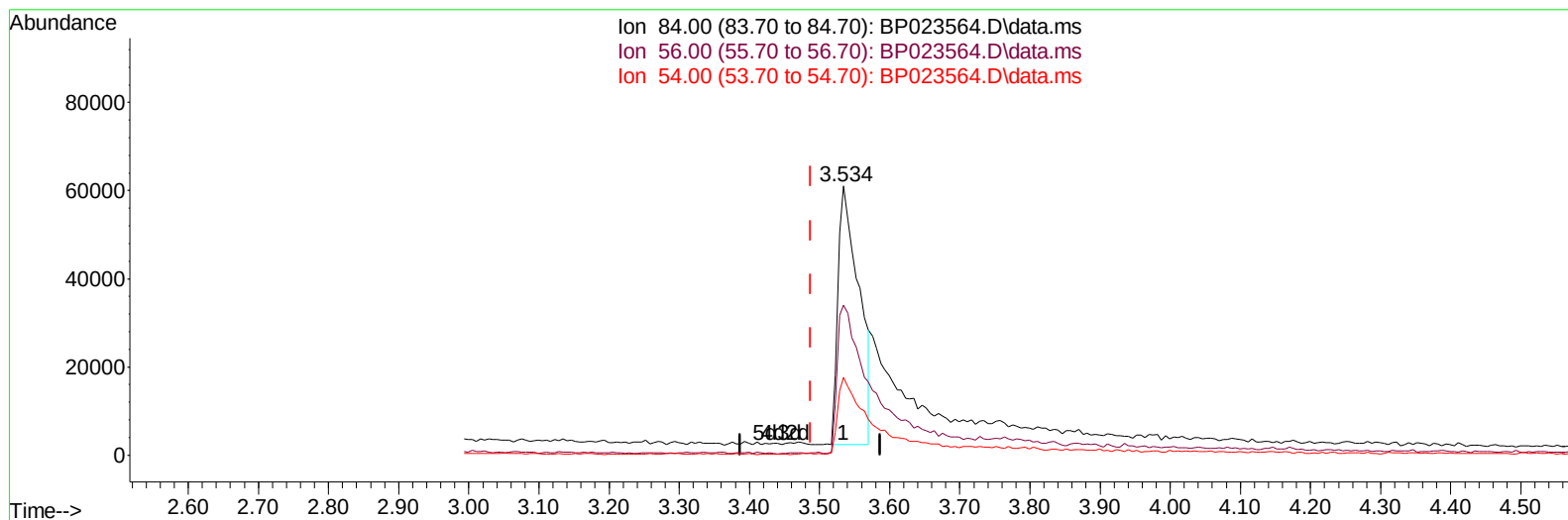
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122324\  
 Data File : BP023564.D  
 Acq On : 23 Dec 2024 15:42  
 Operator : RC/JU  
 Sample : P5333-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 24 02:14:57 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
 Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

**(4) Pyridine-d5 (S)**

**3.534min (+ 0.047) 8.86 ng/u1**

**response 121846**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 62.80  | 55.81  |
| 54.00 | 34.40  | 29.01  |
| 0.00  | 0.00   | 0.00   |

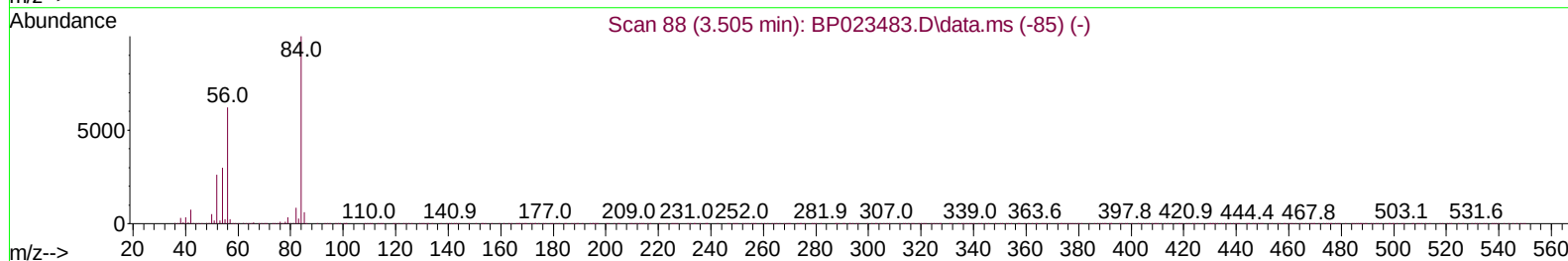
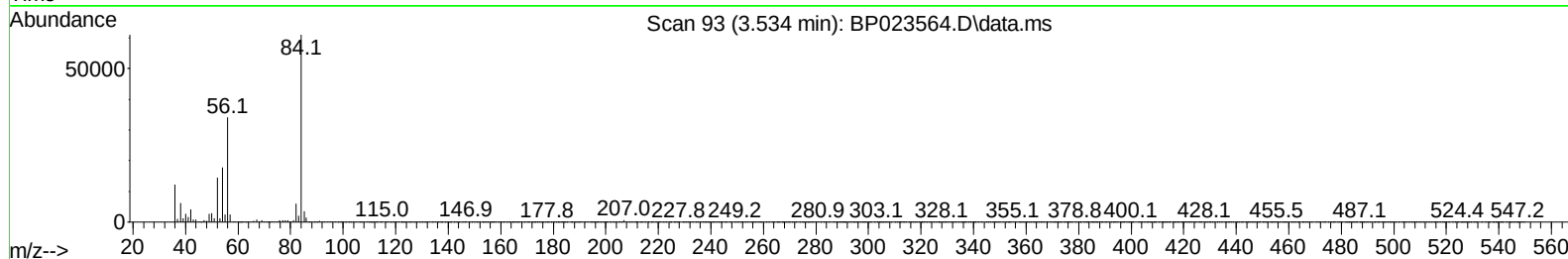
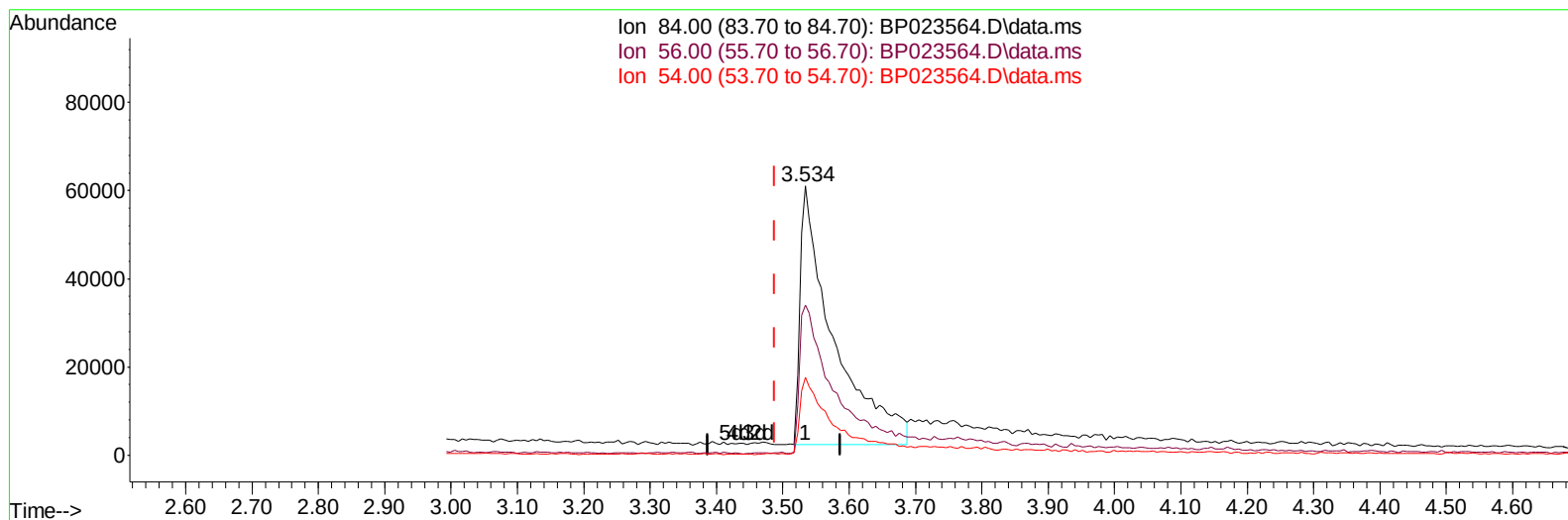
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Data File : BP023564.D  
Acq On : 23 Dec 2024 15:42  
Operator : RC/JU  
Sample : P5333-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 02:14:57 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

(4) Pyridine-d5 (S)

3.534min (+ 0.047) 14.82 ng/ul m

response 203876

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 62.80  | 55.81  |
| 54.00 | 34.40  | 29.01  |
| 0.00  | 0.00   | 0.00   |

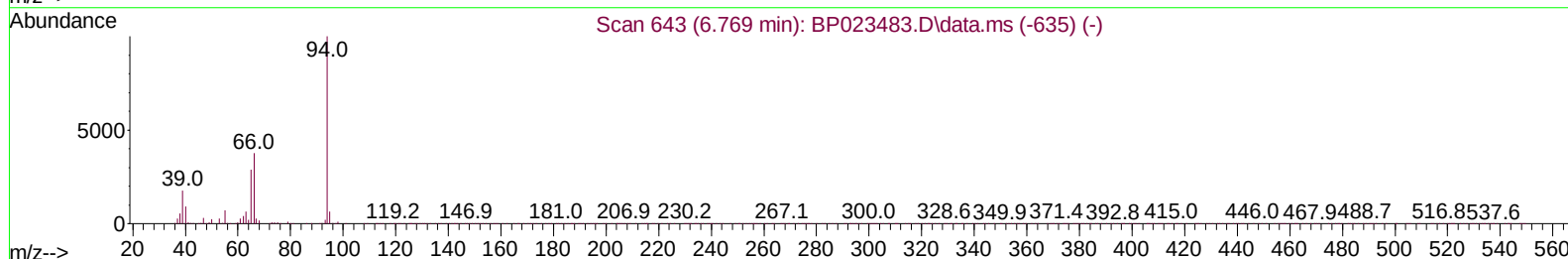
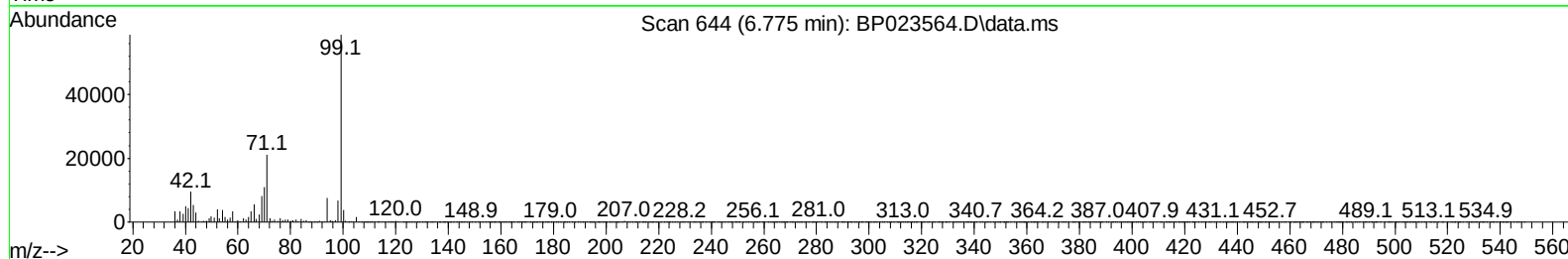
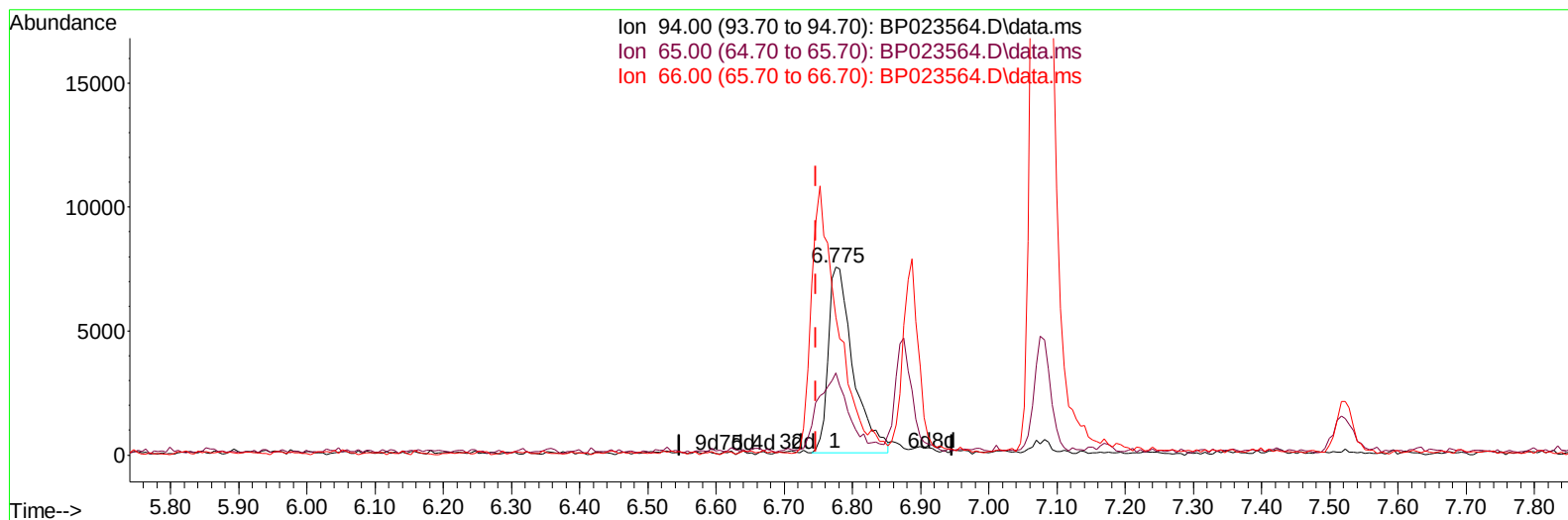
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Data File : BP023564.D  
Acq On : 23 Dec 2024 15:42  
Operator : RC/JU  
Sample : P5333-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 02:14:57 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

(8) Phenol

6.775min (+ 0.029) 1.18 ng/u1

response 19042

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 35.00  | 43.81# |
| 66.00 | 52.50  | 73.50# |
| 0.00  | 0.00   | 0.00   |

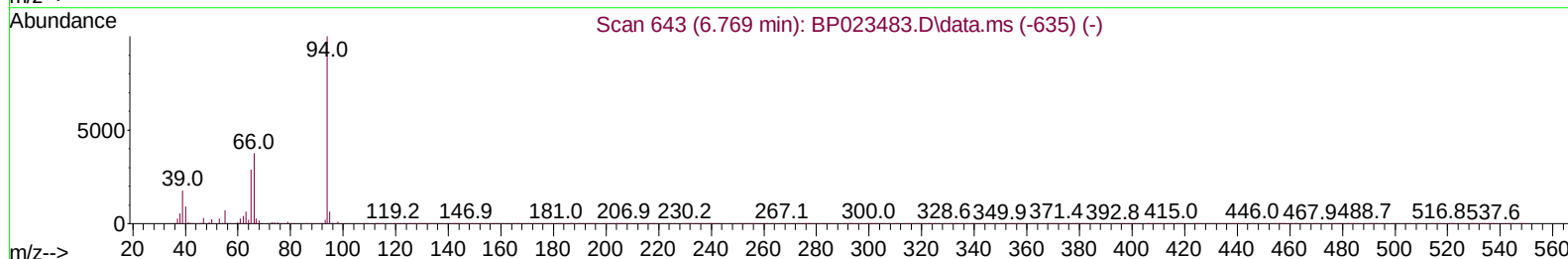
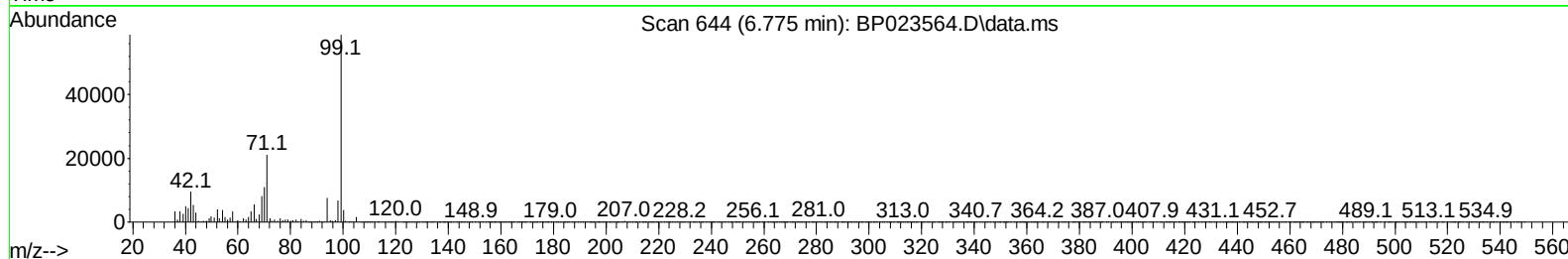
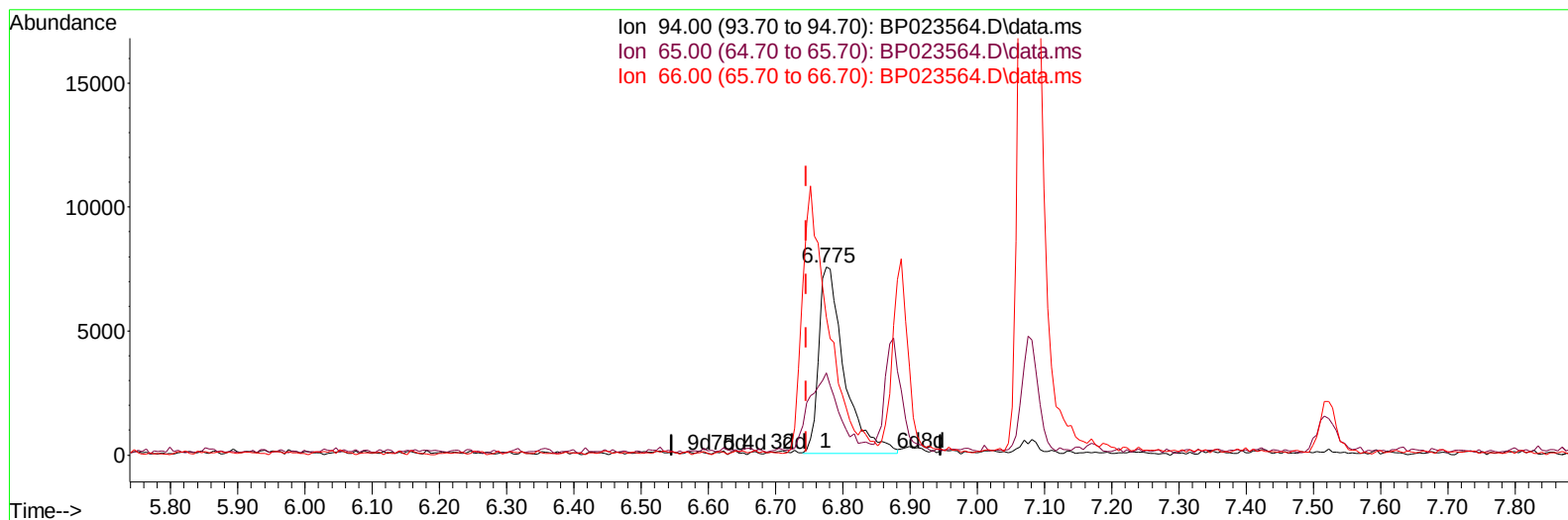
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122324\  
Data File : BP023564.D  
Acq On : 23 Dec 2024 15:42  
Operator : RC/JU  
Sample : P5333-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 02:14:57 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

(8) Phenol

6.775min (+ 0.029) 1.22 ng/ul m

response 19697

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 94.00 | 100.00 | 100.00 |
| 65.00 | 35.00  | 43.81# |
| 66.00 | 52.50  | 73.50# |
| 0.00  | 0.00   | 0.00   |

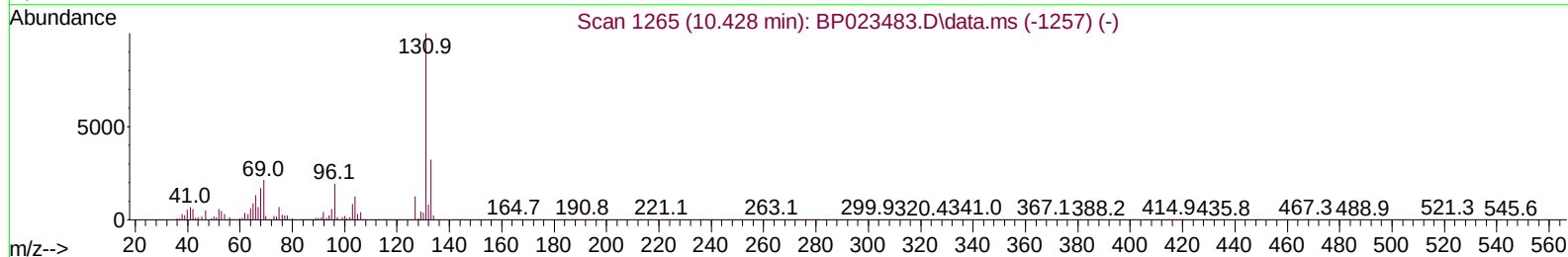
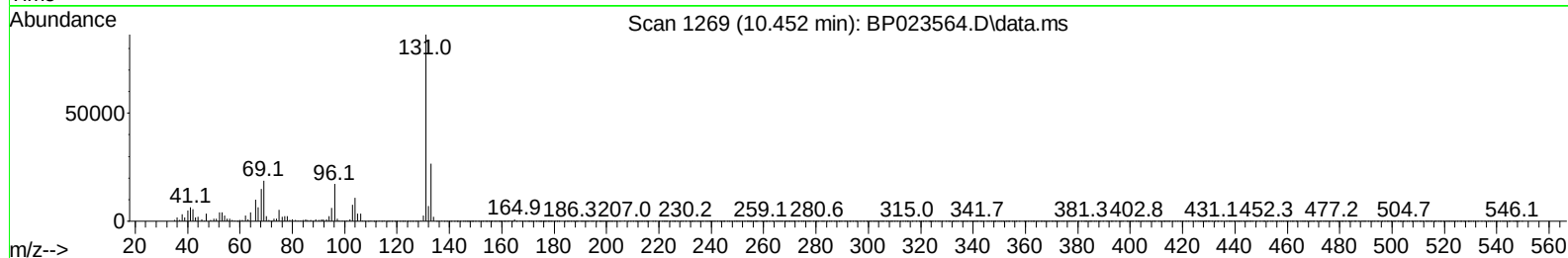
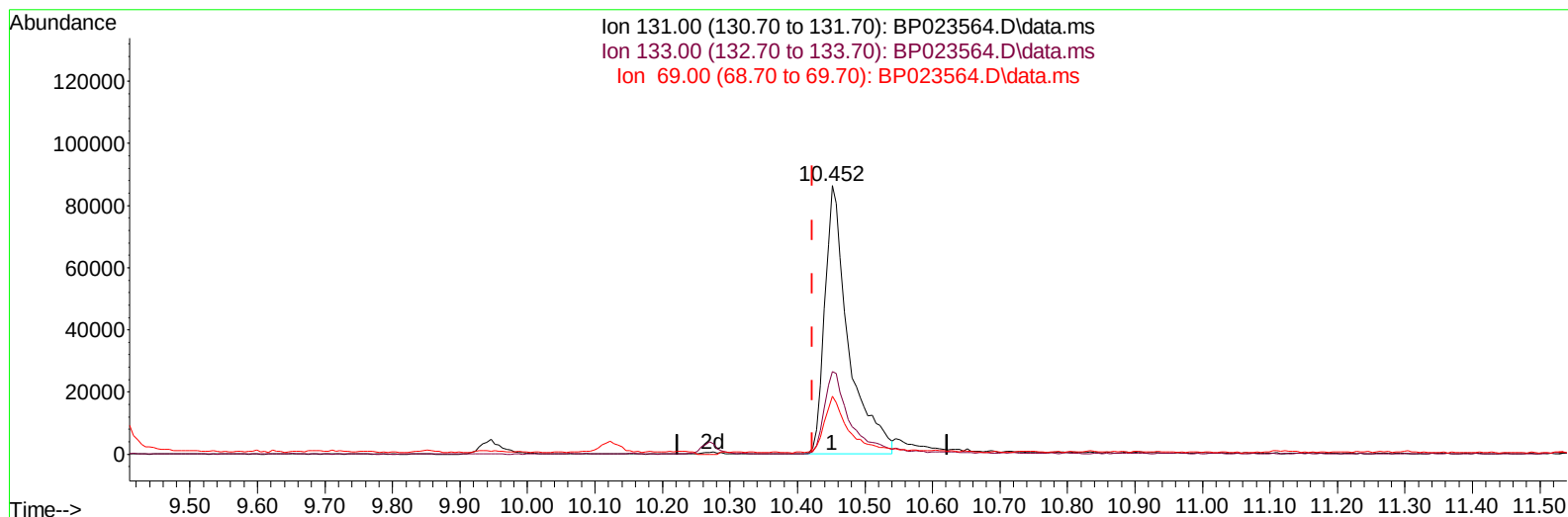
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Data File : BP023564.D  
Acq On : 23 Dec 2024 15:42  
Operator : RC/JU  
Sample : P5333-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 02:14:57 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

**10.452min (+ 0.029) 13.69 ng/ul**

**response 210404**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 31.60  | 30.86  |
| 69.00  | 24.30  | 21.66  |
| 0.00   | 0.00   | 0.00   |

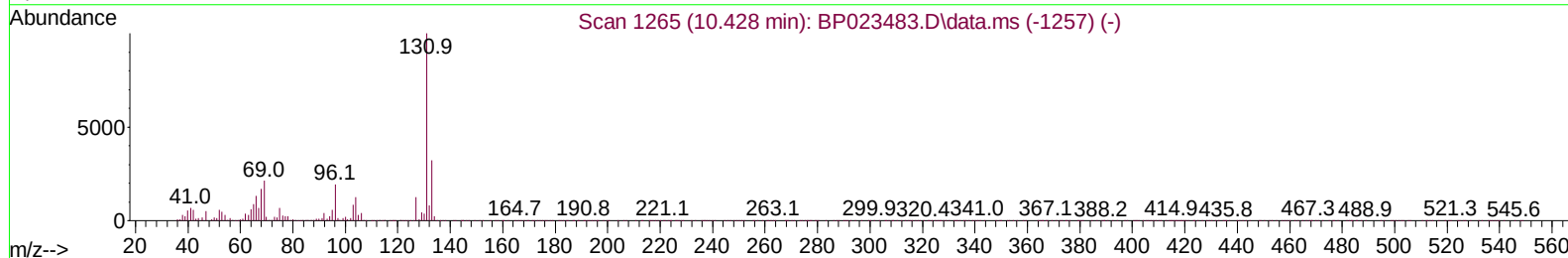
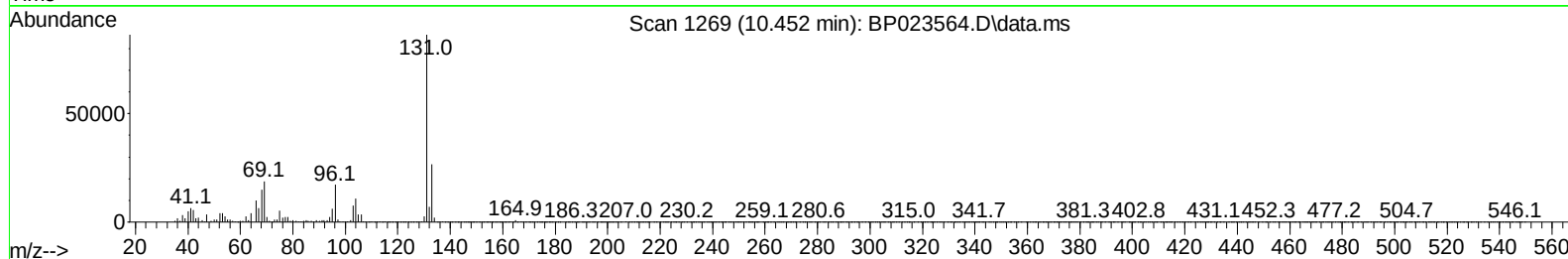
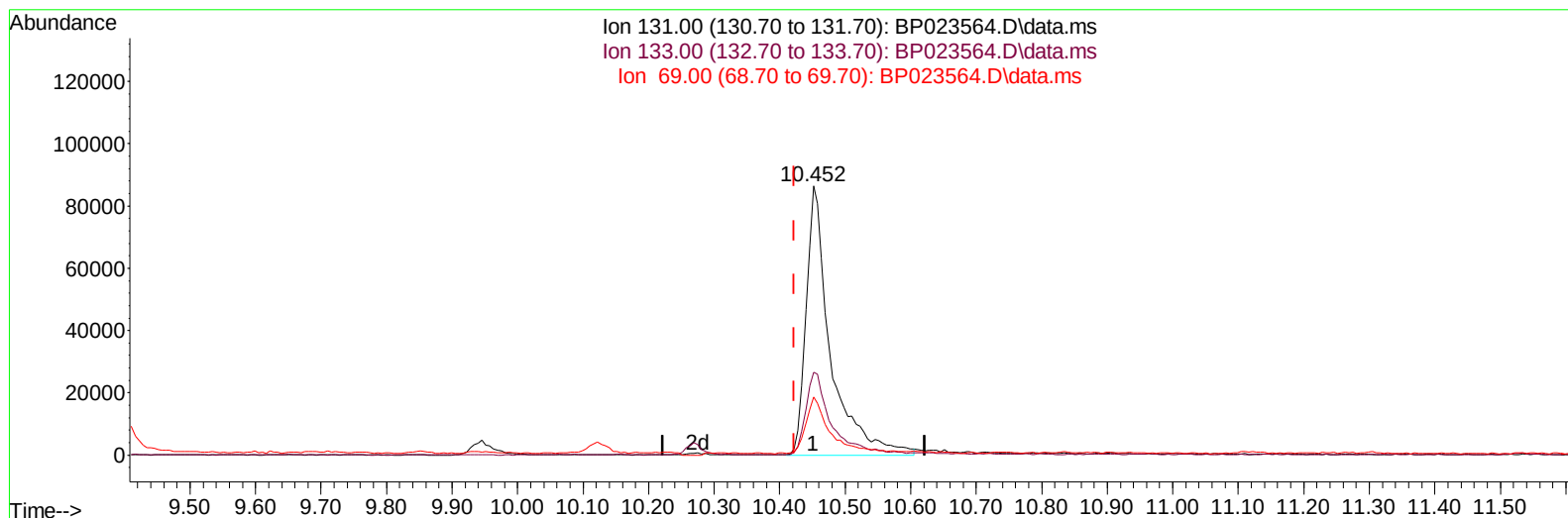
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Data File : BP023564.D  
Acq On : 23 Dec 2024 15:42  
Operator : RC/JU  
Sample : P5333-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 02:14:57 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.452min (+ 0.029) 14.52 ng/ul m

response 223163

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 31.60  | 30.86  |
| 69.00  | 24.30  | 21.66  |
| 0.00   | 0.00   | 0.00   |

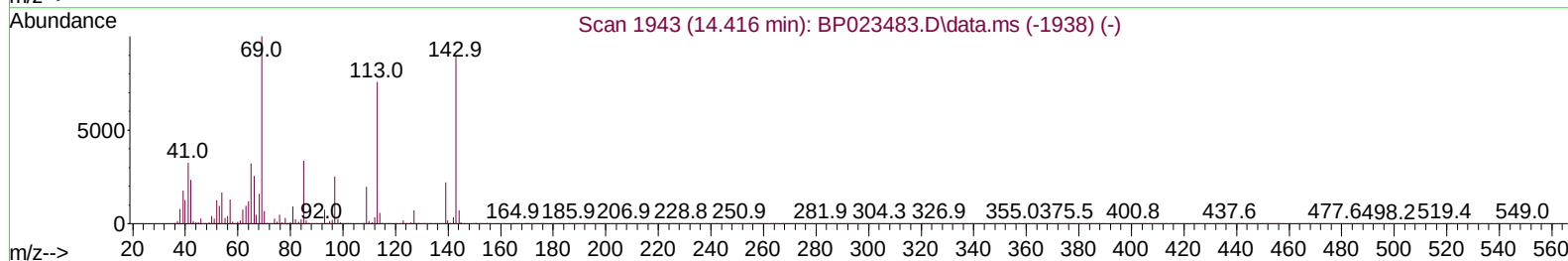
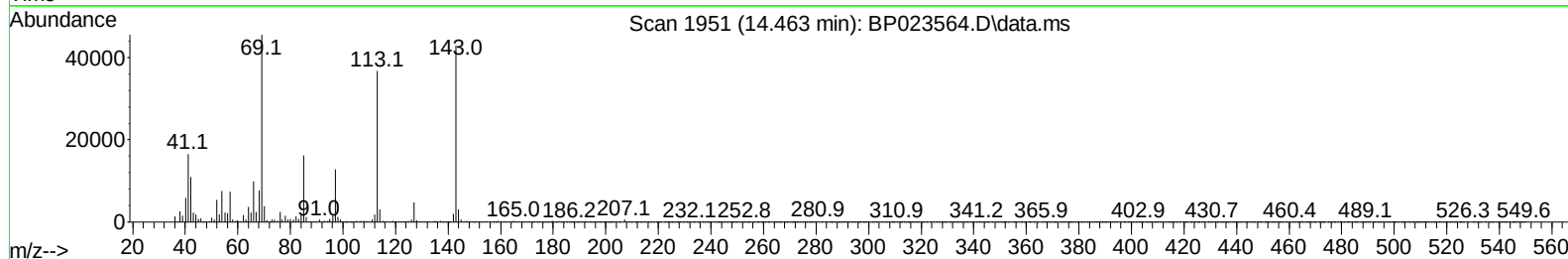
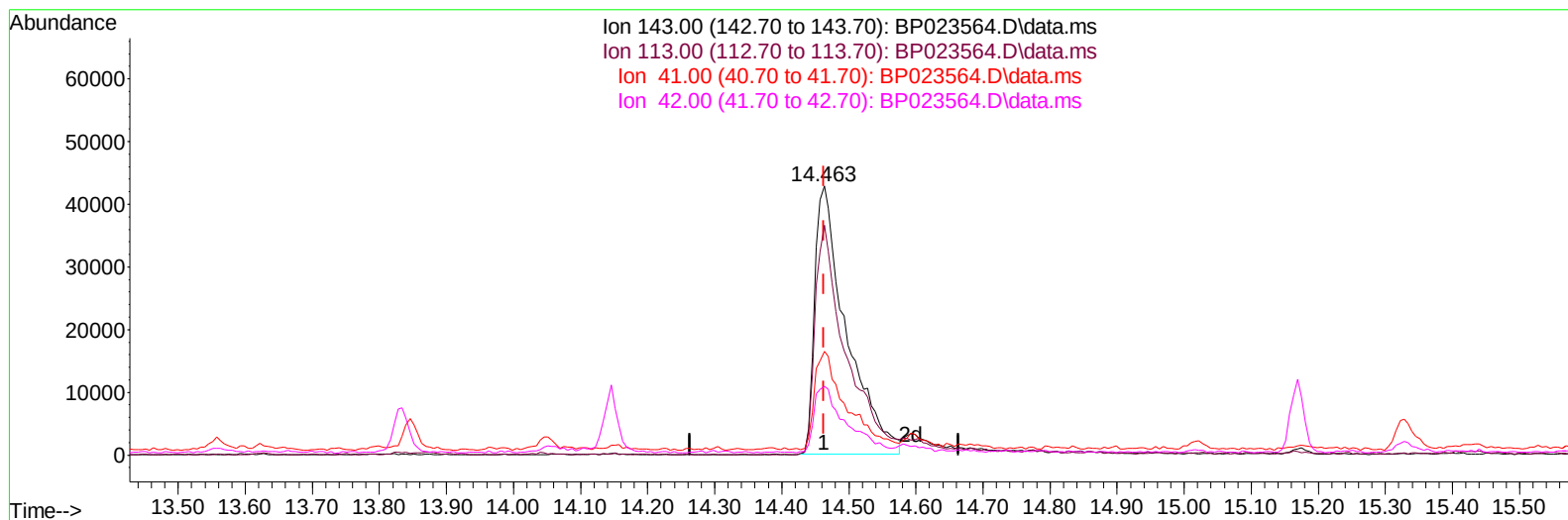
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 Data File : BP023564.D  
 Acq On : 23 Dec 2024 15:42  
 Operator : RC/JU  
 Sample : P5333-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 24 02:14:57 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
 Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

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

**14.463min ( 0.000) 25.90 ng/ul**

**response 140043**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 106.10 | 85.53  |
| 41.00  | 45.60  | 38.57  |
| 42.00  | 31.70  | 25.50  |

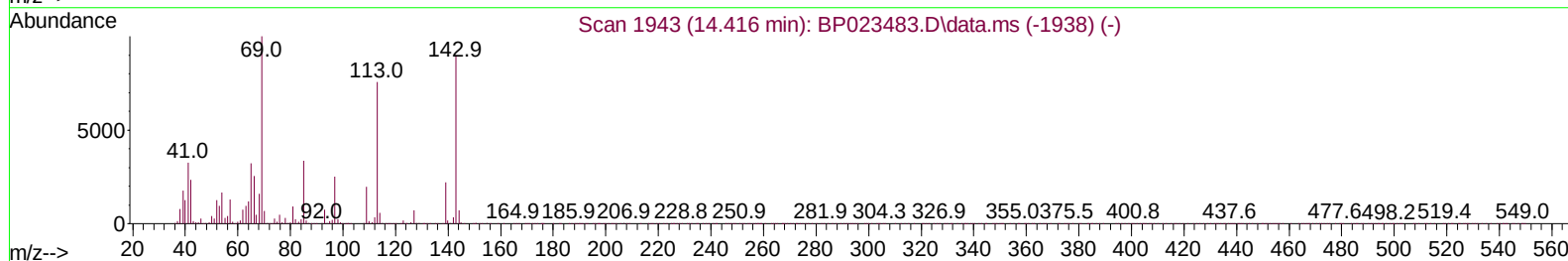
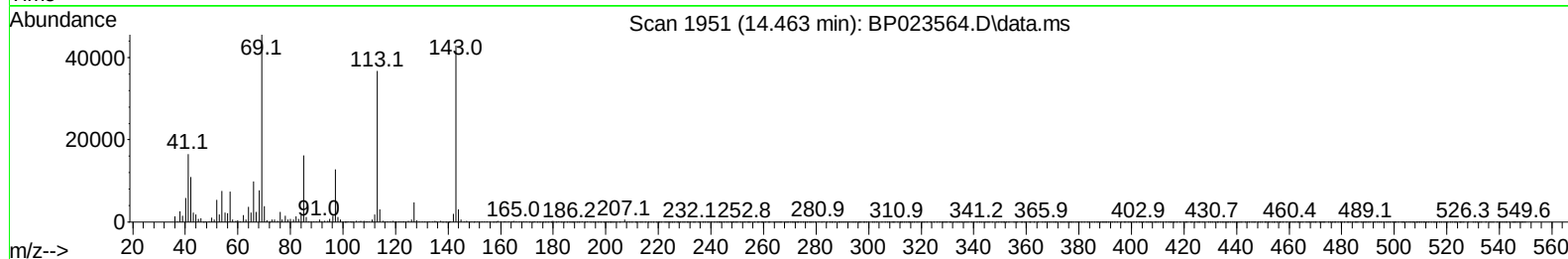
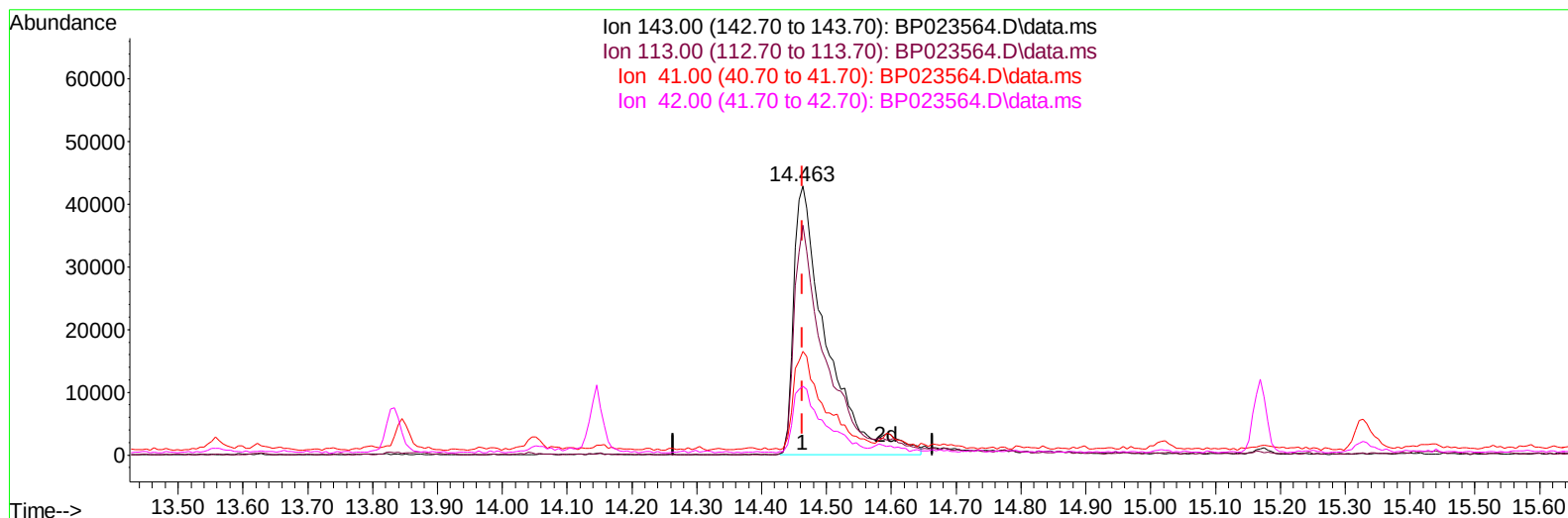
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Data File : BP023564.D  
Acq On : 23 Dec 2024 15:42  
Operator : RC/JU  
Sample : P5333-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 02:19:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 02:14:57 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BP023564.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.463min ( 0.000) 27.87 ng/ul m

response 150672

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 106.10 | 85.53  |
| 41.00  | 45.60  | 38.57  |
| 42.00  | 31.70  | 25.50  |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122324\  
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 Operator : RC/JU  
 Sample : P5333-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2908

Manual IntegrationsAPPROVED

Quant Time: Dec 24 03:52:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
 Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 12/24/2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.522  | 152  | 196948   | 20.000 | ng/ul  | 0.02     |
| 20) Naphthalene-d8            | 10.269 | 136  | 755352   | 20.000 | ng/ul  | # 0.01   |
| 38) Acenaphthene-d10          | 14.146 | 164  | 568343   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.969 | 188  | 1250882  | 20.000 | ng/ul  | # 0.01   |
| 79) Chrysene-d12              | 21.404 | 240  | 1300116  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.580 | 264  | 1393549  | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.093  | 96   | 22662    | 4.236  | ng/uL  | 0.02     |
| 4) Pyridine-d5                | 3.534  | 84   | 203876m  | 14.821 | ng/ul  | 0.05     |
| 7) Phenol-d5                  | 6.752  | 99   | 426889   | 27.625 | ng/ul  | 0.03     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.875  | 67   | 259061   | 26.572 | ng/ul  | 0.02     |
| 11) 2-Chlorophenol-d4         | 7.075  | 132  | 302488   | 26.522 | ng/ul  | 0.02     |
| 15) 4-Methylphenol-d8         | 8.252  | 113  | 323857   | 25.967 | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 8.675  | 128  | 151312   | 26.826 | ng/ul  | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.381  | 143  | 182602   | 28.089 | ng/ul  | 0.02     |
| 28) 2,4-Dichlorophenol-d3     | 9.940  | 165  | 337784   | 24.619 | ng/ul  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.452 | 131  | 223163m  | 14.519 | ng/ul  | 0.03     |
| 46) Dimethylphthalate-d6      | 13.557 | 166  | 1153287  | 26.139 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.834 | 160  | 1096430  | 23.560 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.463 | 143  | 150672m  | 27.868 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.169 | 176  | 816598   | 21.042 | ng/ul  | 0.02     |
| 65) 4,6-Dinitro-2-methylph... | 15.328 | 200  | 145839   | 19.291 | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.063 | 188  | 1279193  | 22.407 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.457 | 212  | 1294779  | 19.062 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.374 | 264  | 1046840  | 14.033 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 8) Phenol                     | 6.775  | 94   | 19697m   | 1.224  | ng/ul  |          |
| 72) Phenanthrene              | 17.010 | 178  | 72753    | 1.125  | ng/ul  | 97       |
| 80) Fluoranthene              | 19.116 | 202  | 182023   | 2.339  | ng/ul# | 93       |
| 82) Pyrene                    | 19.492 | 202  | 162007   | 1.961  | ng/ul# | 93       |
| 85) Benzo(a)anthracene        | 21.380 | 228  | 87317    | 1.002  | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 136090   | 3.313  | ng/ul  | 99       |
| 87) Chrysene                  | 21.451 | 228  | 89257    | 1.068  | ng/ul  | 95       |
| 90) Benzo(b)fluoranthene      | 23.592 | 252  | 113822   | 1.300  | ng/ul# | 93       |
| -----                         |        |      |          |        |        |          |

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

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