

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA\_P

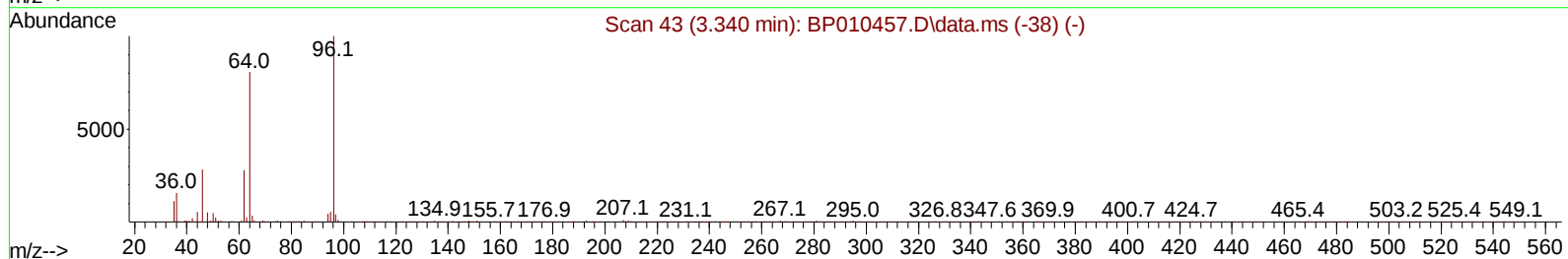
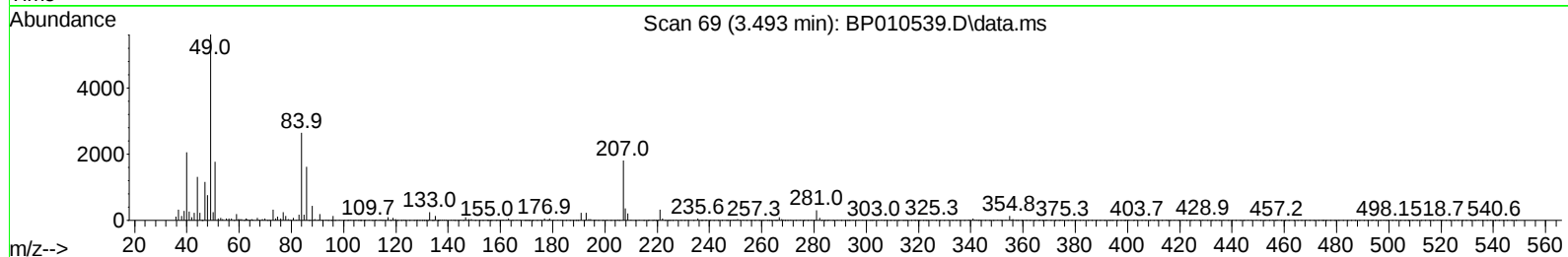
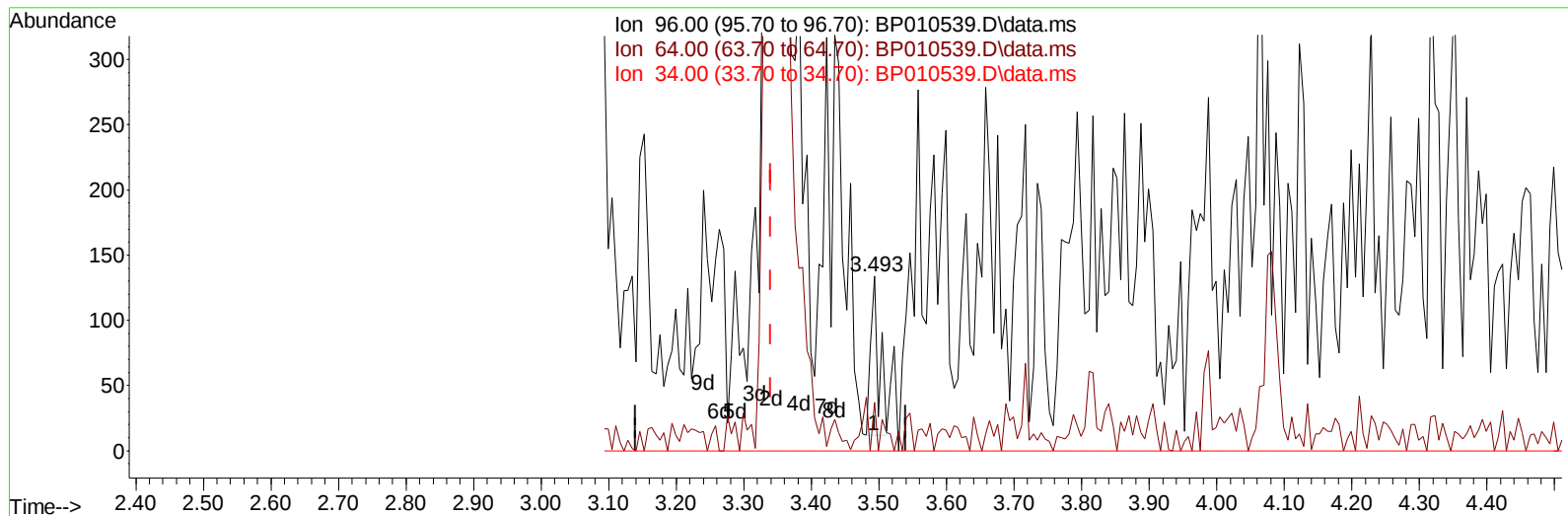
ClientSampleId :

DBTG6DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration



TIC: BP010539.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

3.493min (+ 0.153) 0.04 ng/uL

response 100

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 55.40  | 55.97  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

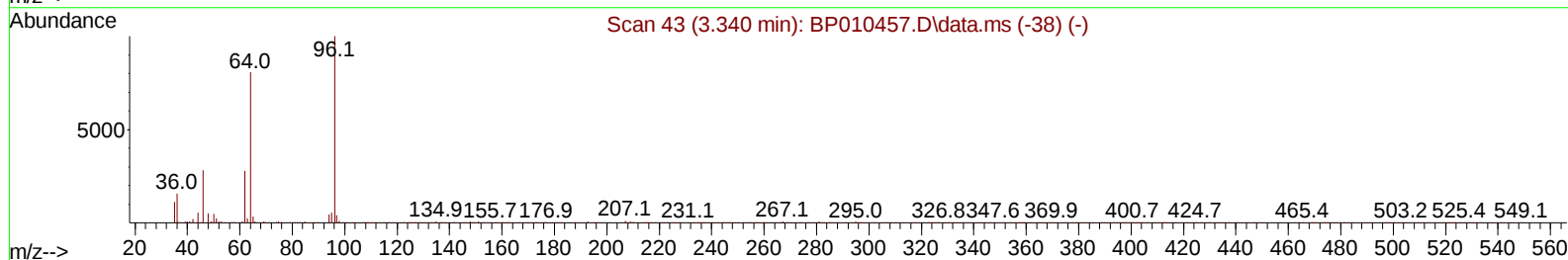
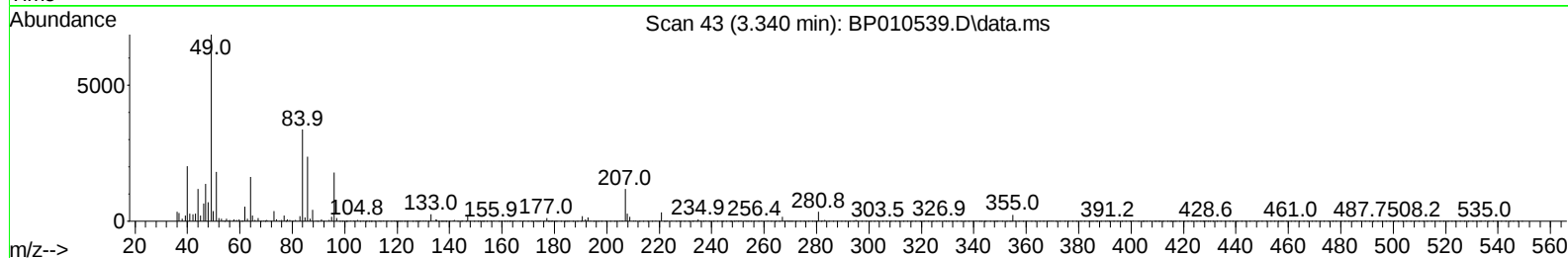
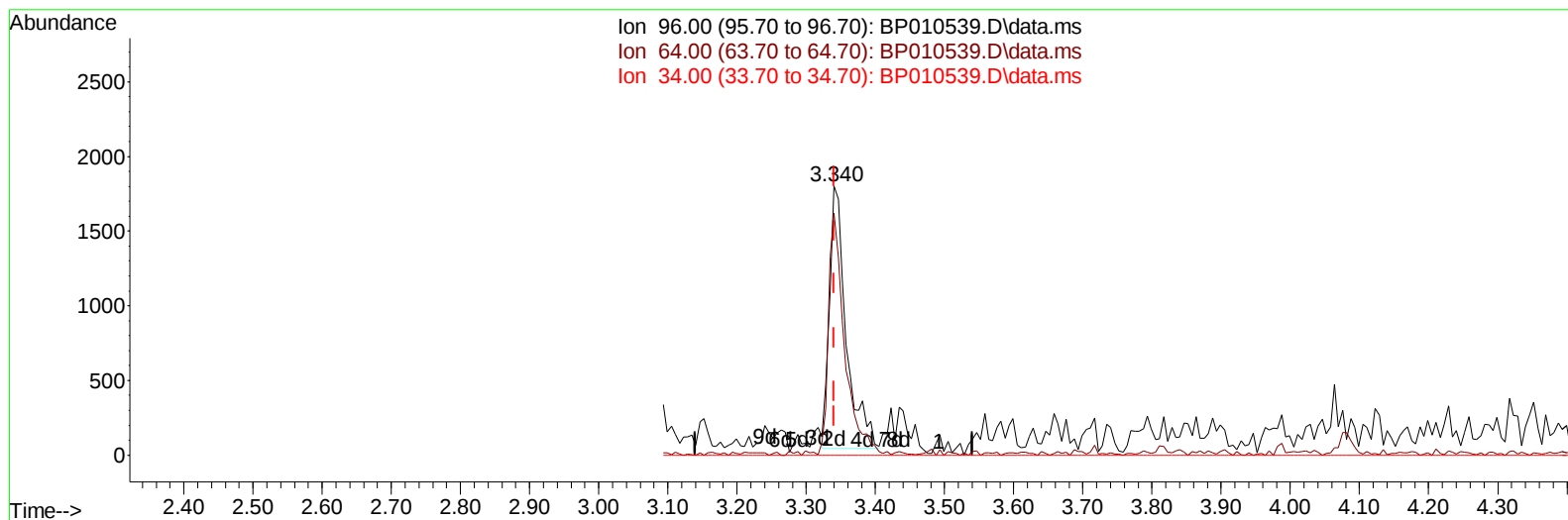
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.340min (+ 0.000) 1.13 ng/uL m**

**response 2968**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 55.40  | 90.06# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

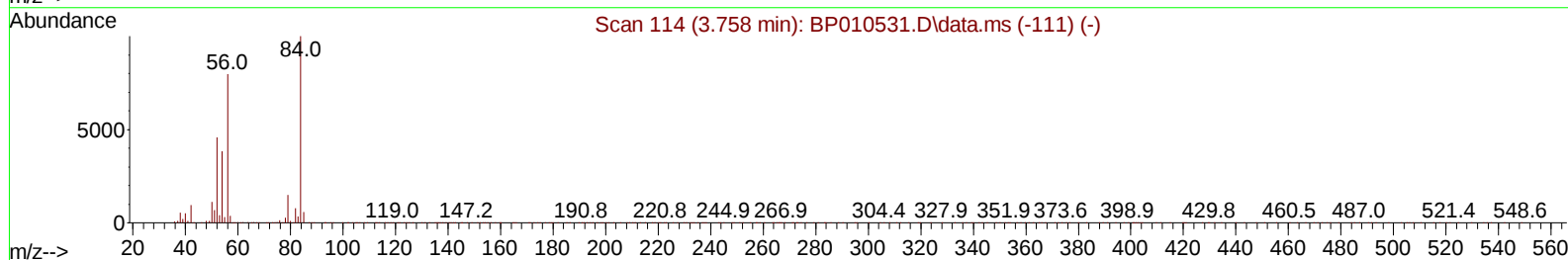
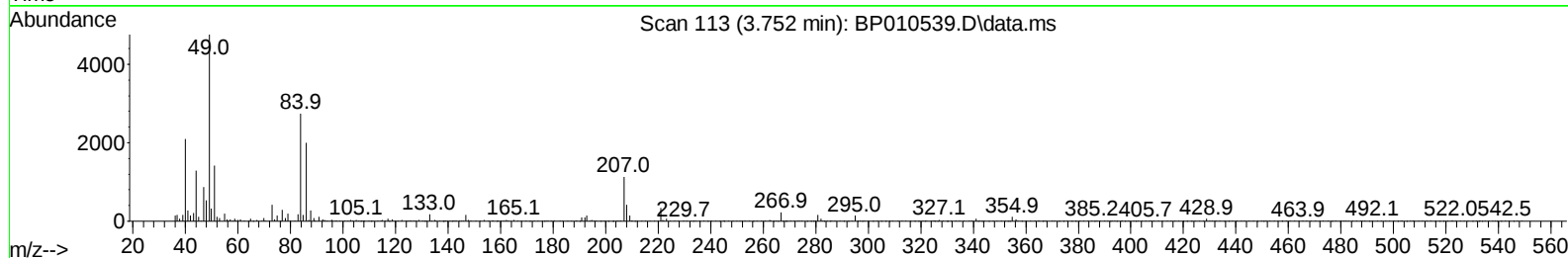
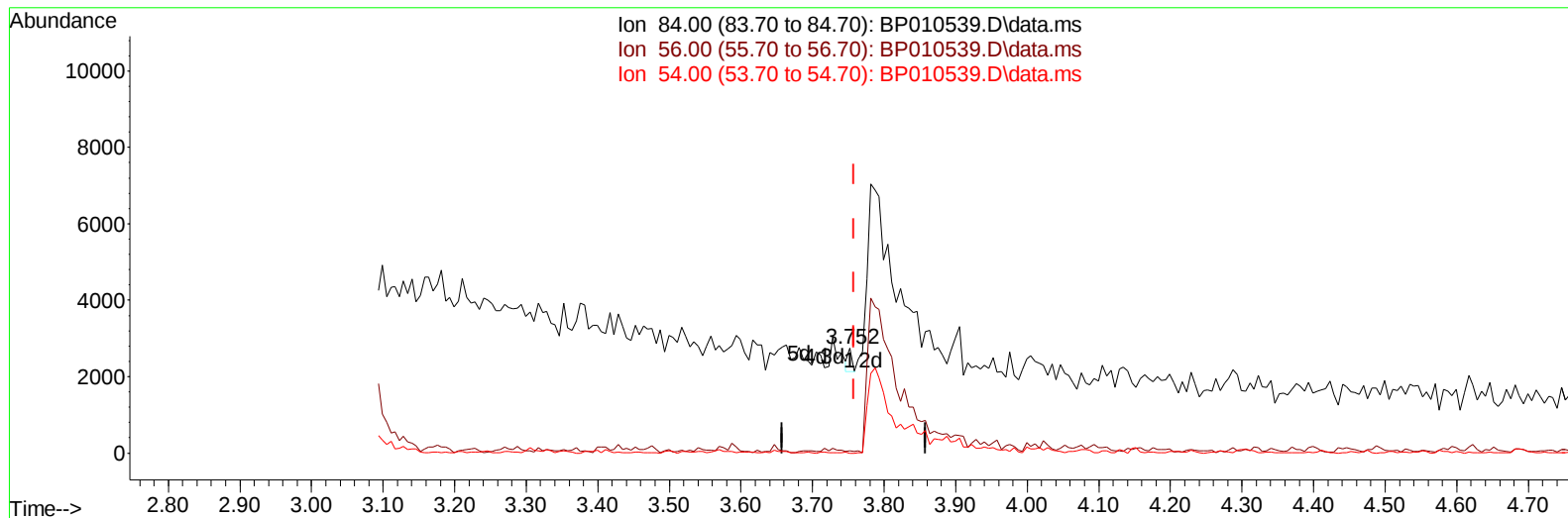
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 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

#### (4) Pyridine-d5 (S)

3.752min (-0.006) 0.03 ng/u1

response 215

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 30.50  | 1.93#  |
| 54.00 | 24.80  | 0.00#  |
| 0.00  | 0.00   | 0.00   |

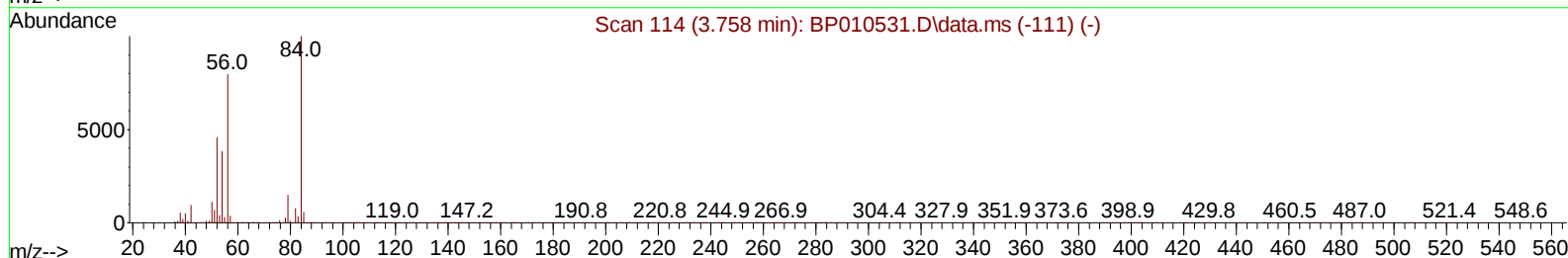
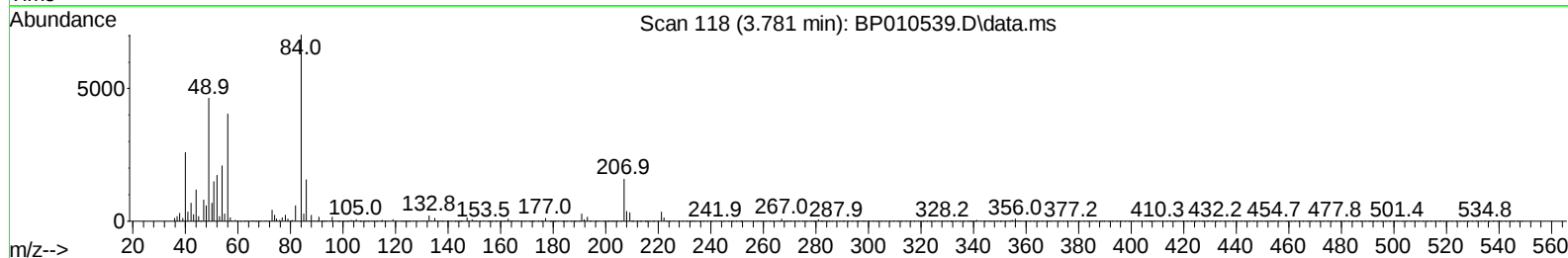
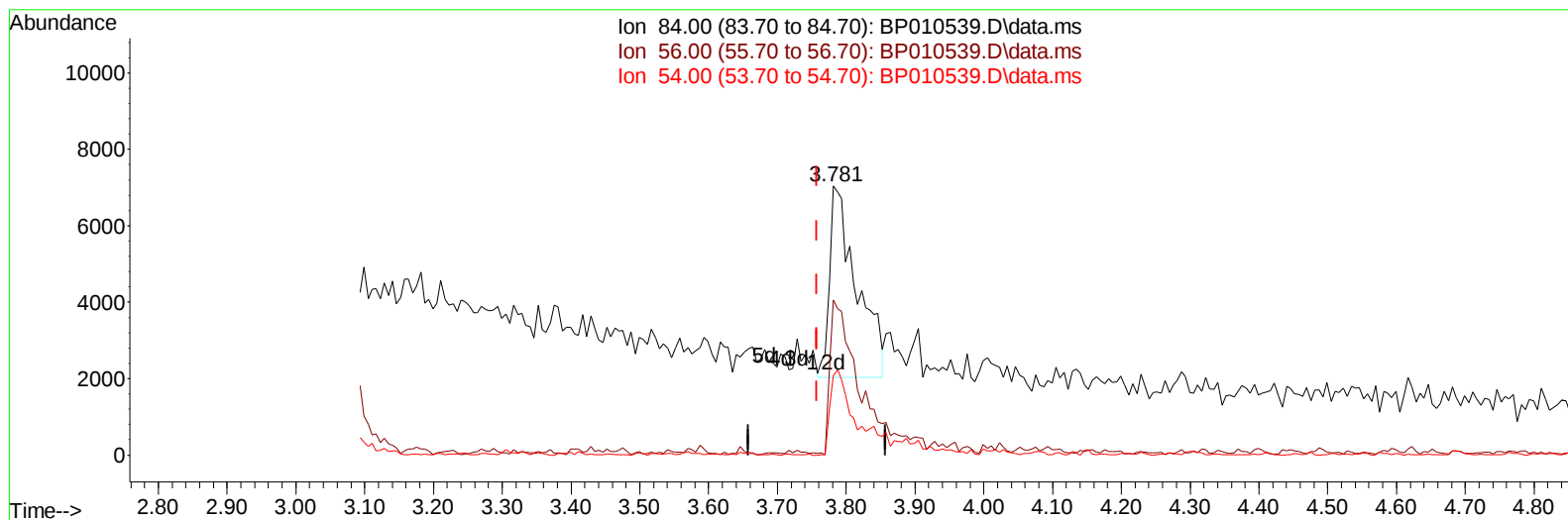
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

#### (4) Pyridine-d5 (S)

3.781min (+ 0.024) 1.83 ng/u1 m

response 13691

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 30.50  | 57.72# |
| 54.00 | 24.80  | 29.70  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA\_P

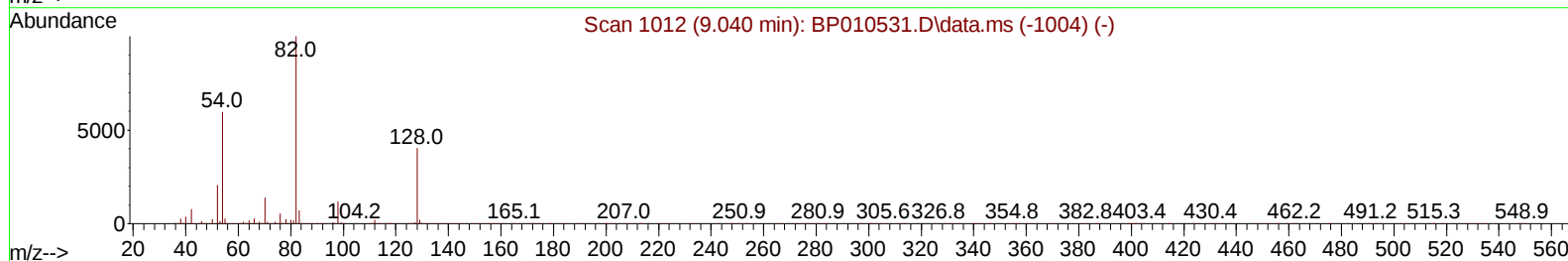
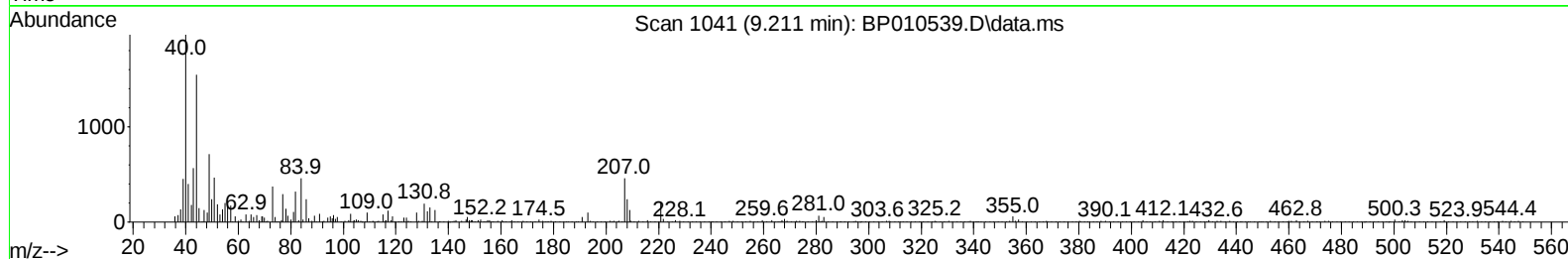
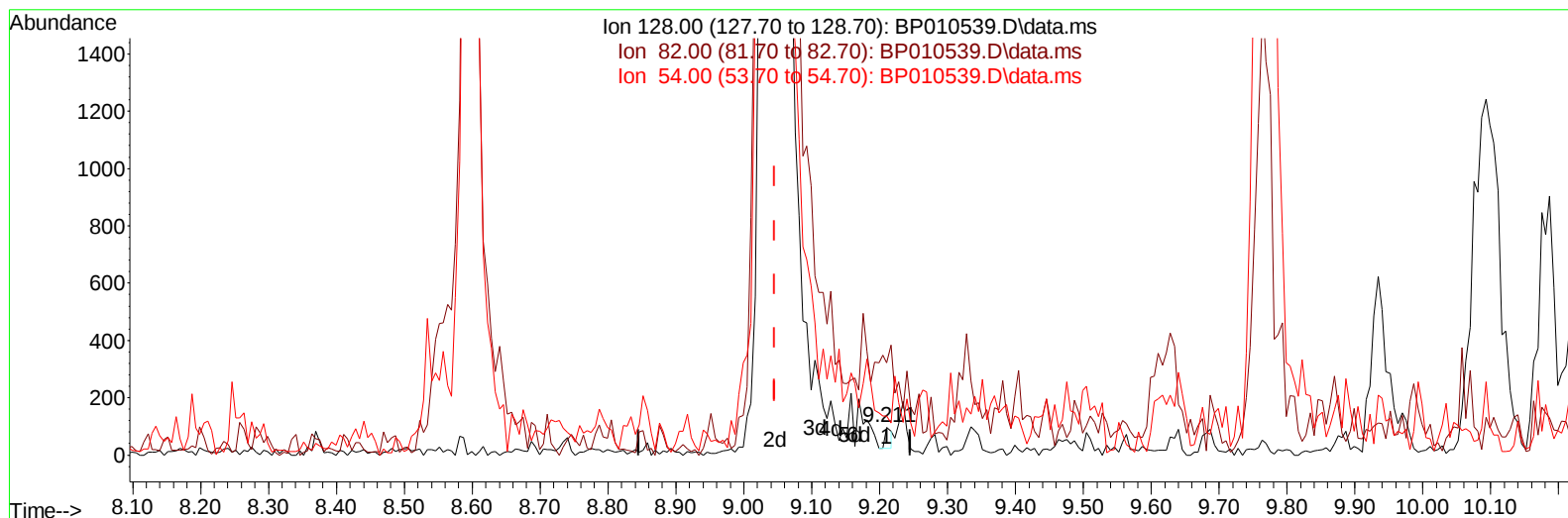
ClientSampleId :

DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

**(21) Nitrobenzene-d5 (S)**

9.211min (+ 0.165) 0.01 ng/u1

response 48

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 82.00  | 287.30 | 286.61 |
| 54.00  | 120.20 | 121.43 |
| 0.00   | 0.00   | 0.00   |

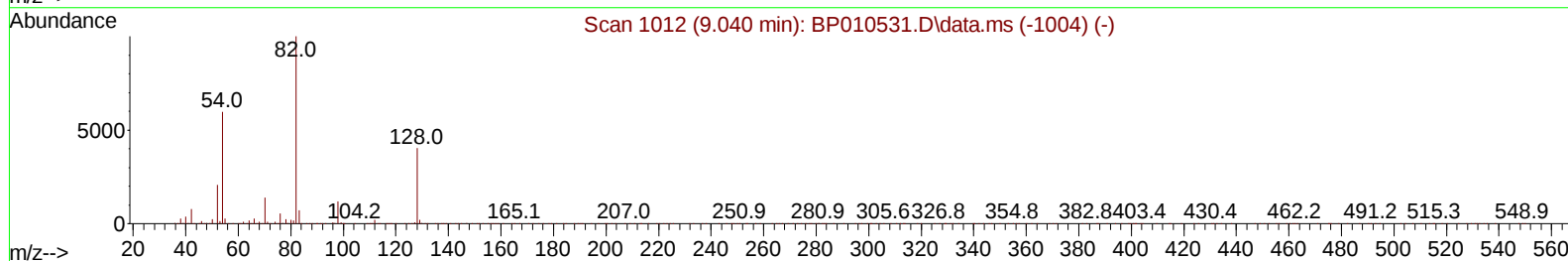
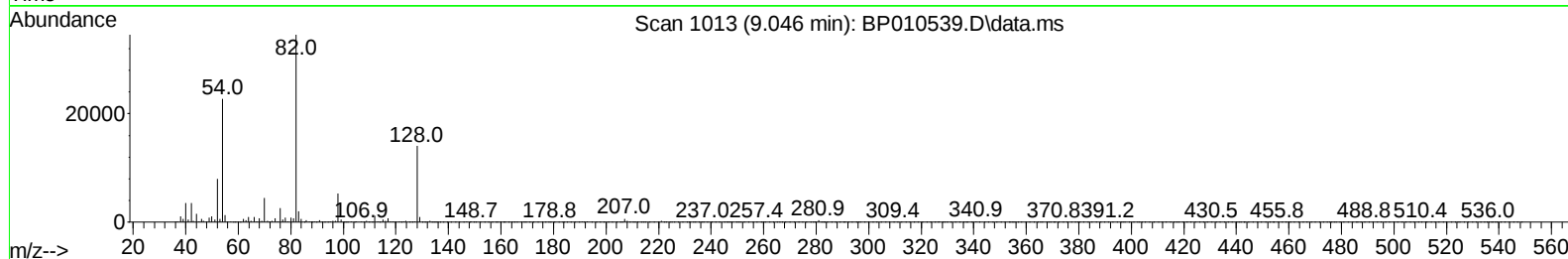
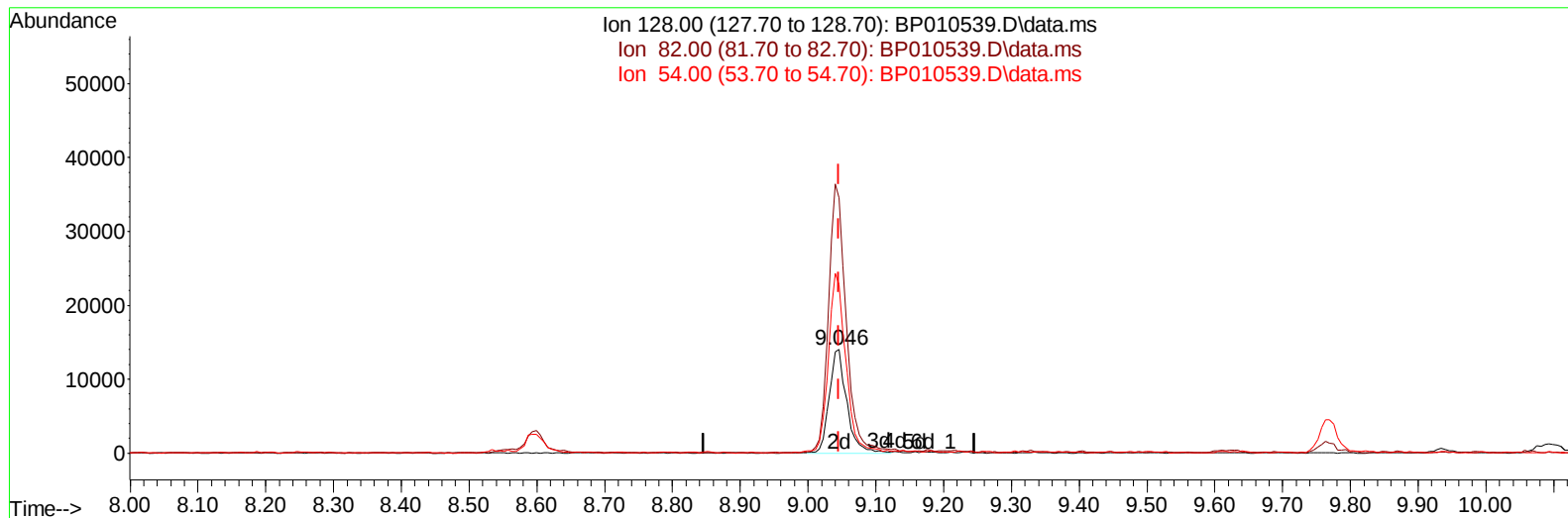
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

**(21) Nitrobenzene-d5 (S)**

**9.046min (+ 0.000) 6.59 ng/u1 m**

**response 25312**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 287.30 | 246.27  |
| 54.00  | 120.20 | 162.17# |
| 0.00   | 0.00   | 0.00    |

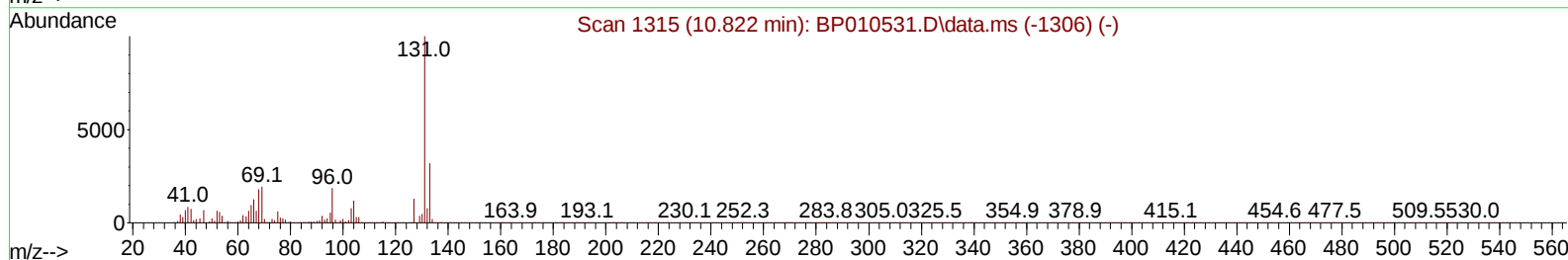
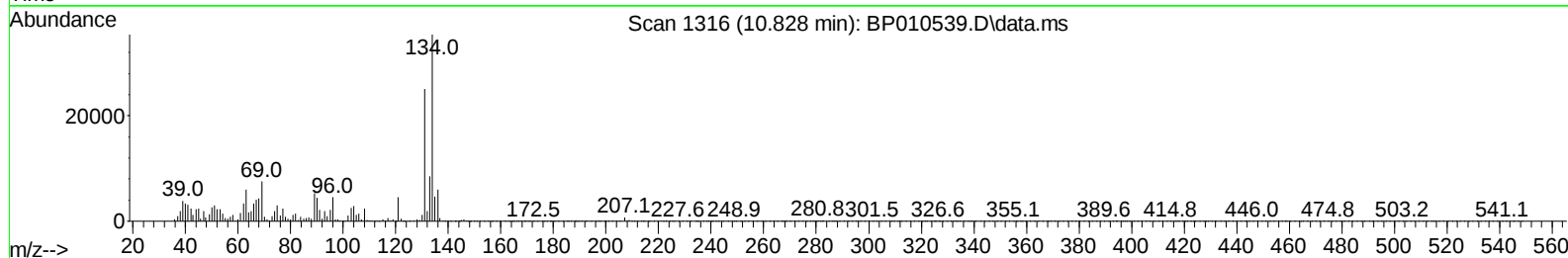
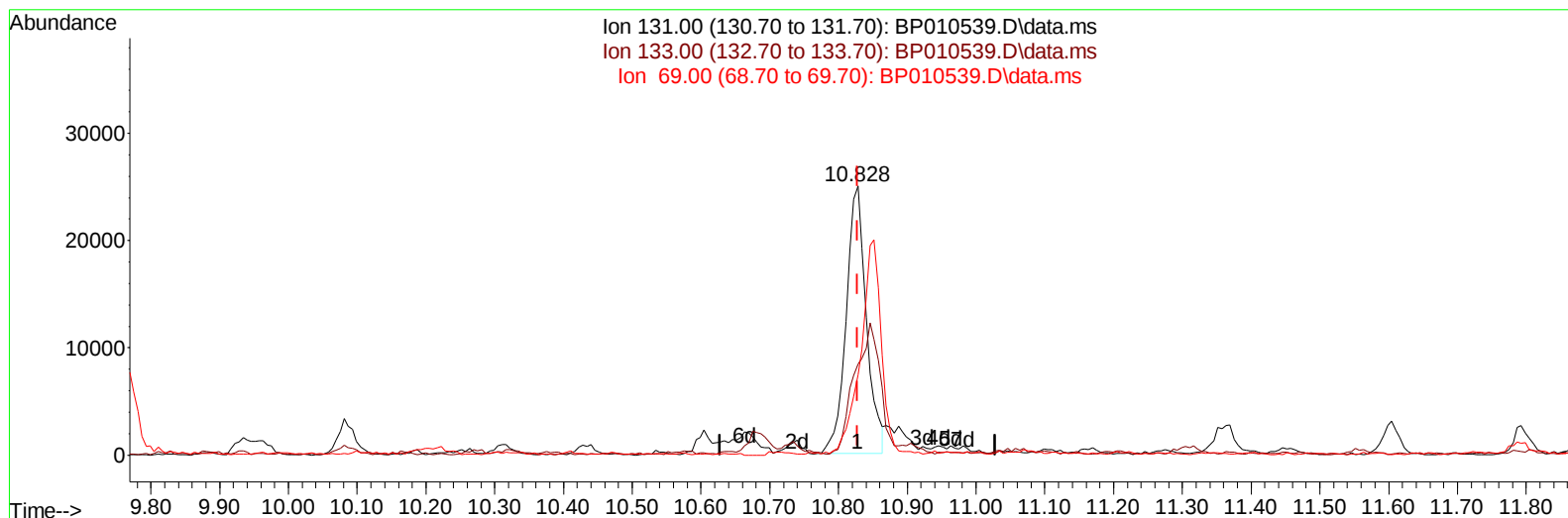
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

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

**10.828min (+ 0.000) 4.44 ng/u1**

**response 50877**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 29.20  | 33.85  |
| 69.00  | 26.10  | 29.96  |
| 0.00   | 0.00   | 0.00   |

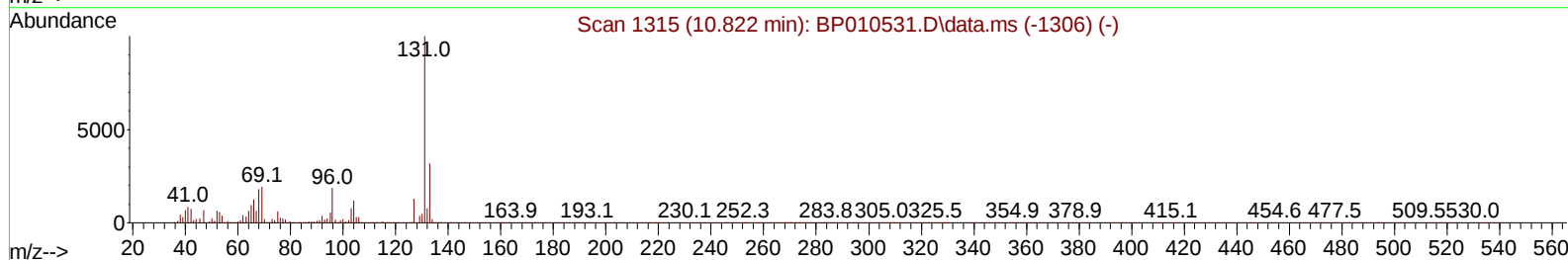
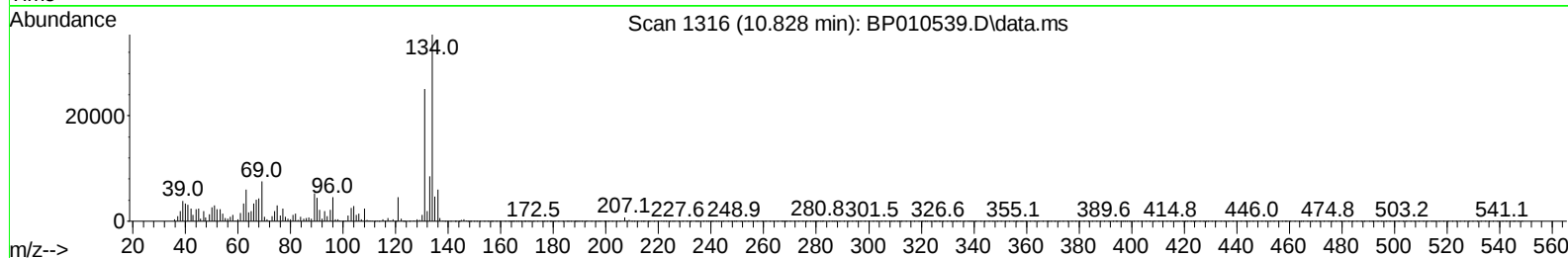
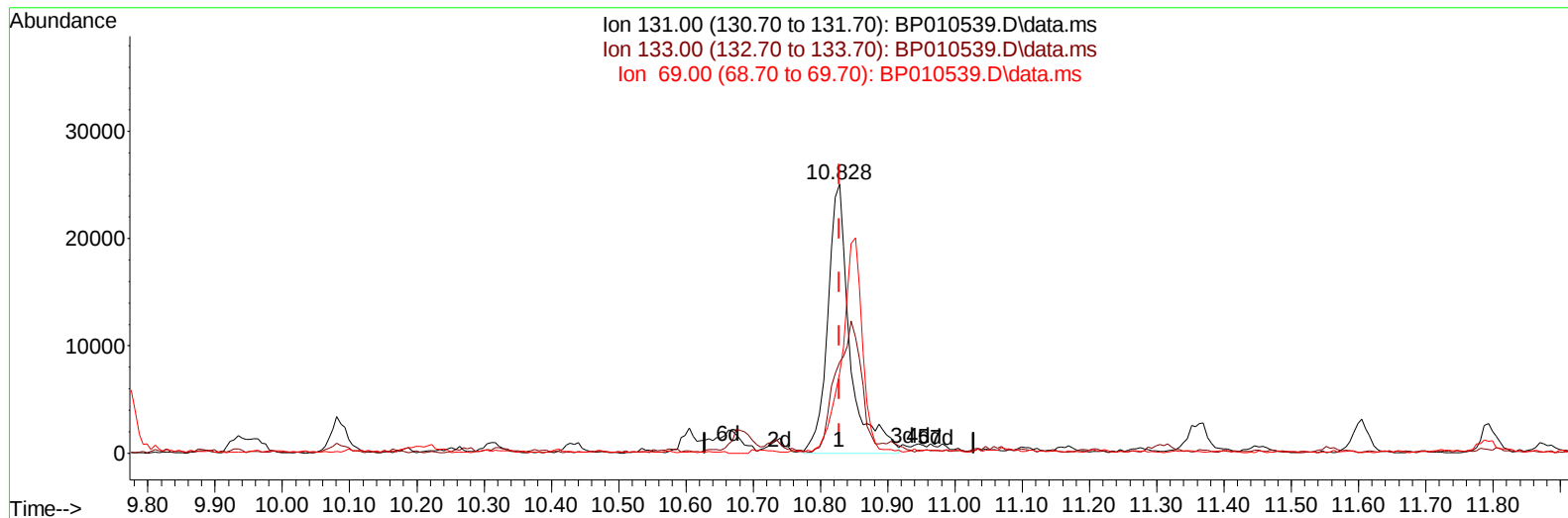
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

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

**10.828min (+ 0.000) 5.02 ng/ul m**

**response 57520**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 29.20  | 33.85  |
| 69.00  | 26.10  | 29.96  |
| 0.00   | 0.00   | 0.00   |

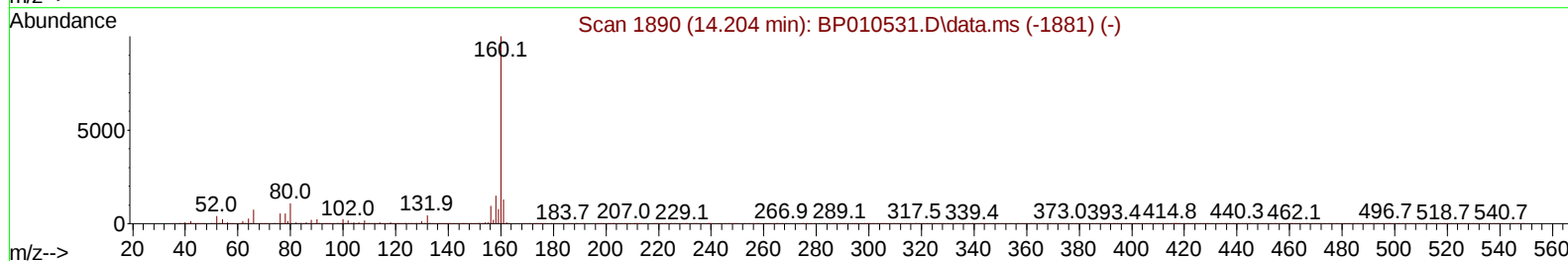
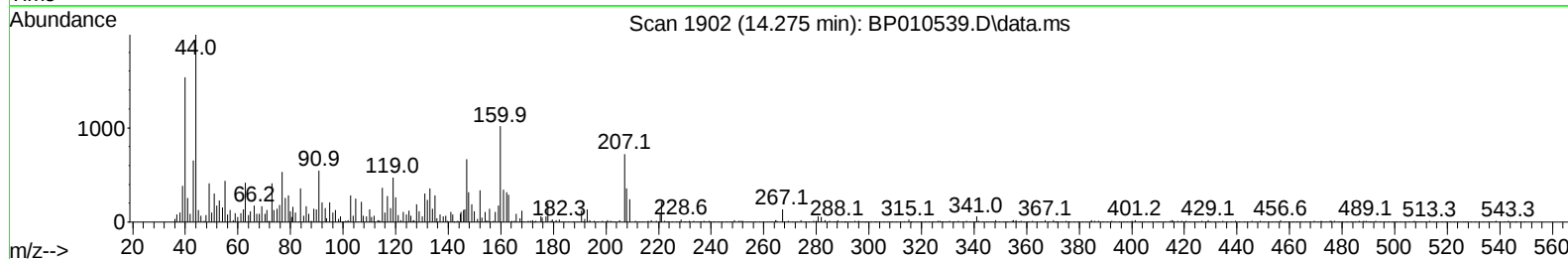
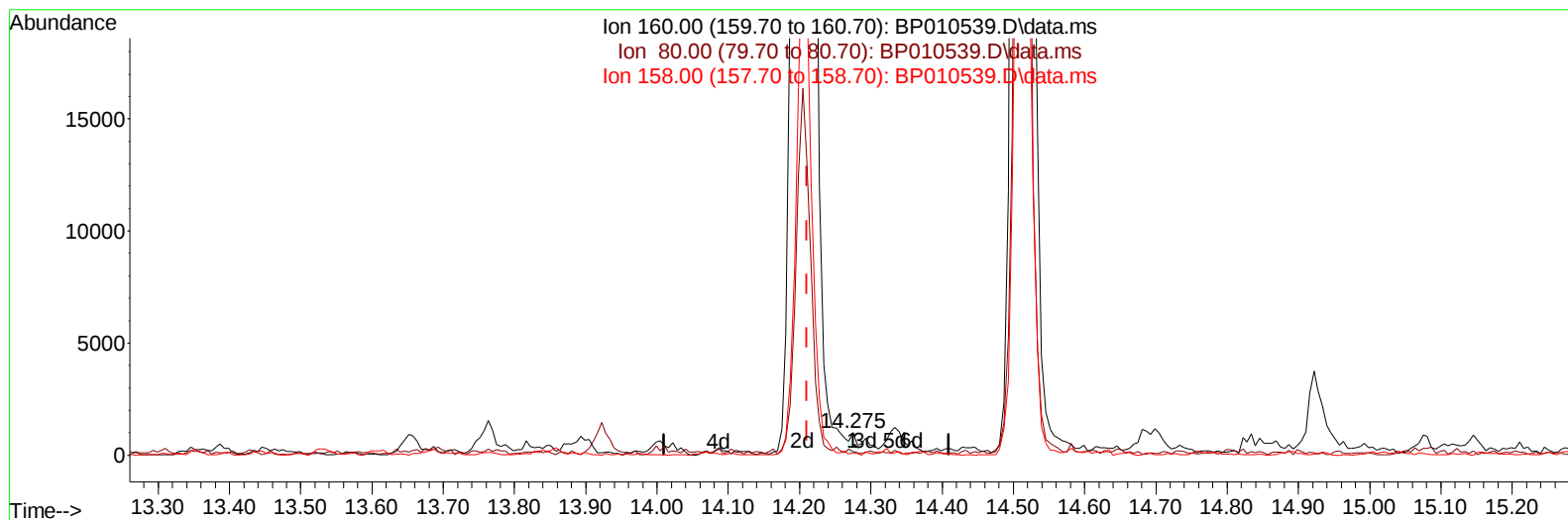
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 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

**(49) Acenaphthylene-d8 (S)**

14.275min (+ 0.065) 0.01 ng/u1

response 425

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 160.00 | 100.00 | 100.00 |
| 80.00  | 17.00  | 16.85  |
| 158.00 | 13.10  | 10.94  |
| 0.00   | 0.00   | 0.00   |

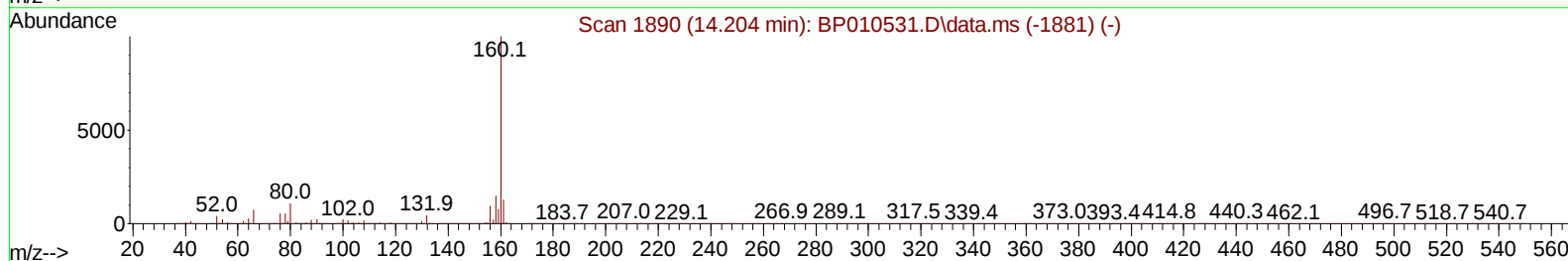
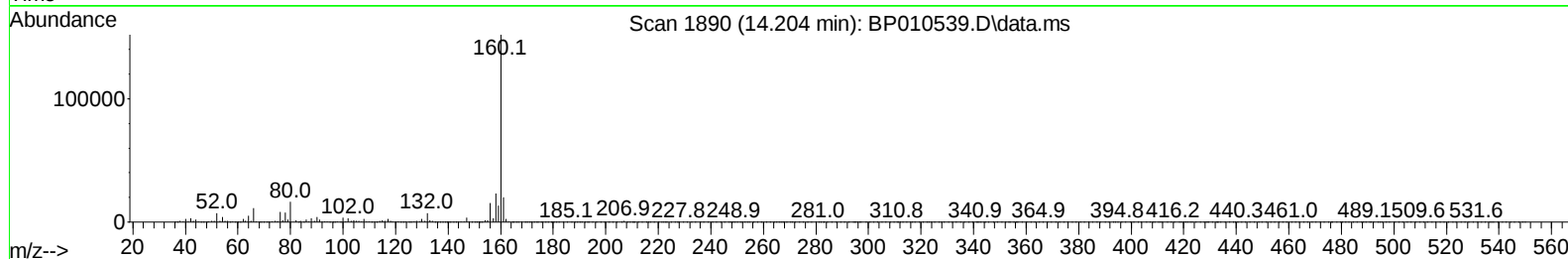
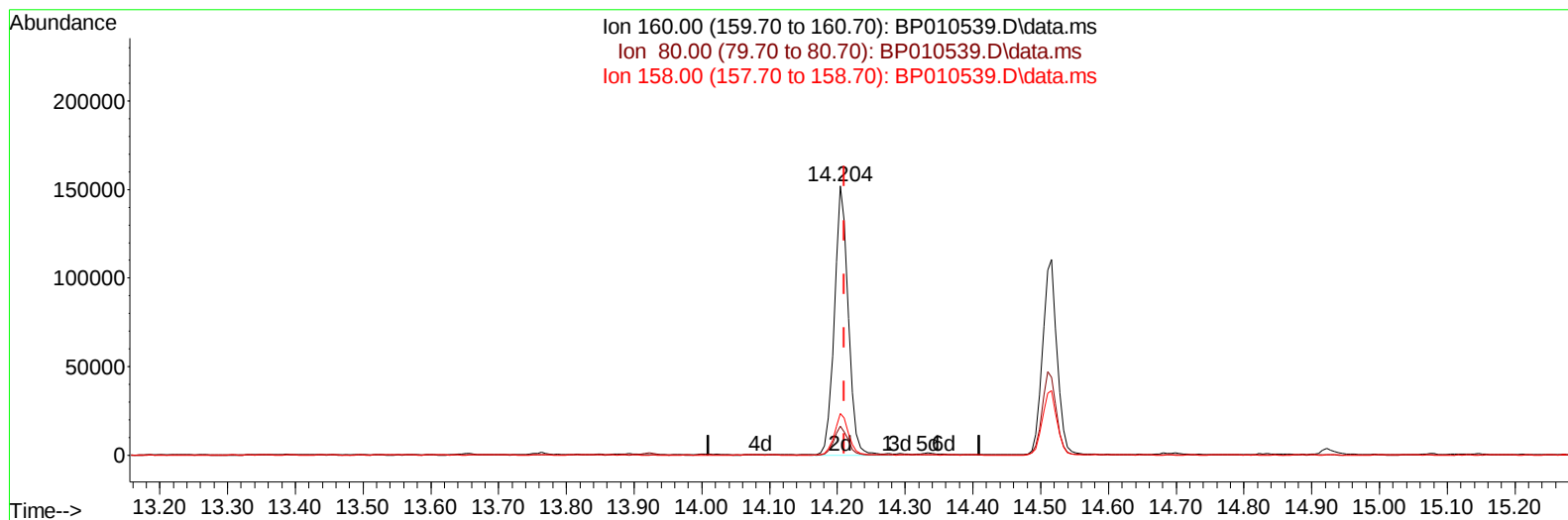
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 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

(49) Acenaphthylene-d8 (S)

14.204min (-0.006) 6.87 ng/ul m

response 216768

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 160.00 | 100.00 | 100.00 |
| 80.00  | 17.00  | 10.77# |
| 158.00 | 13.10  | 15.43  |
| 0.00   | 0.00   | 0.00   |

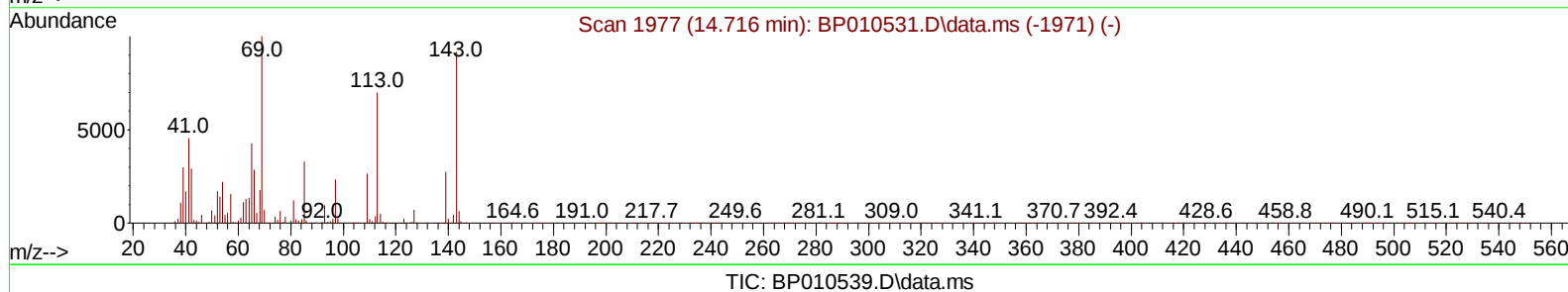
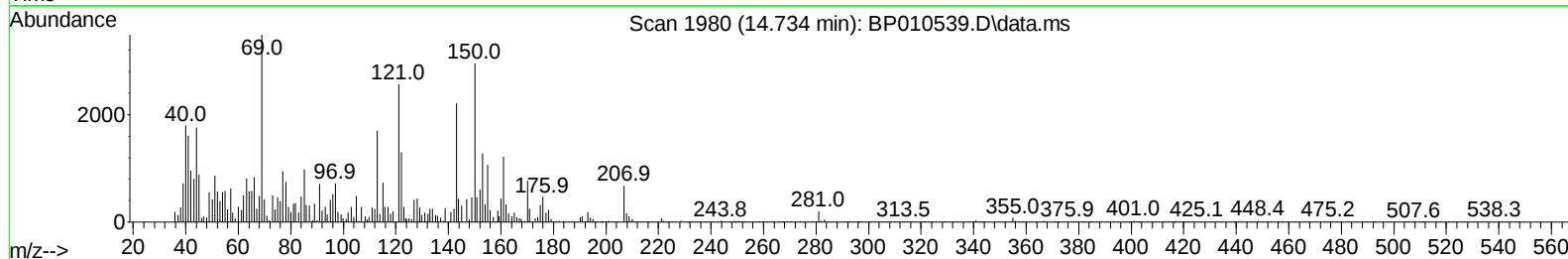
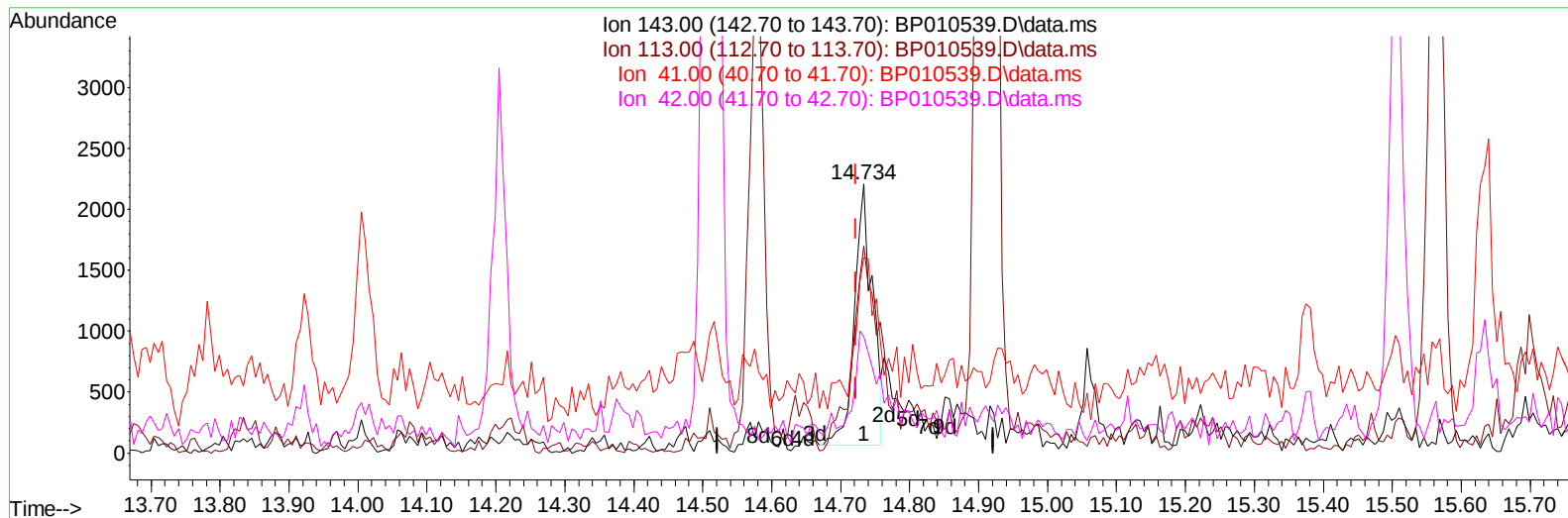
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
Data File : BP010539.D  
Acq On : 25 May 2022 17:01  
Operator : CG/JU  
Sample : N2950-08DL 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 24 05:50:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
Supervised By :mohammad ahmed 05/27/2022



(54) 4-Nitrophenol-d4 (S)

14.734min (+ 0.012) 0.80 ng/u1

response 3904

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 132.70 | 77.03# |
| 41.00  | 23.20  | 72.77# |
| 42.00  | 18.00  | 43.32# |

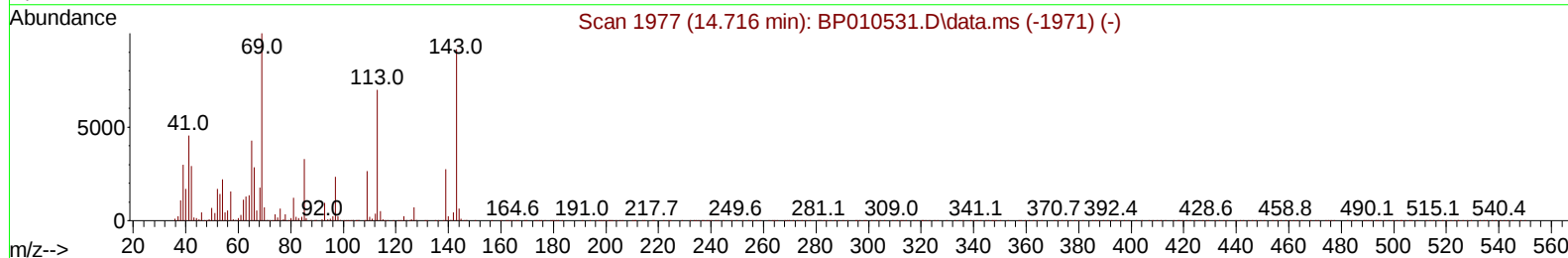
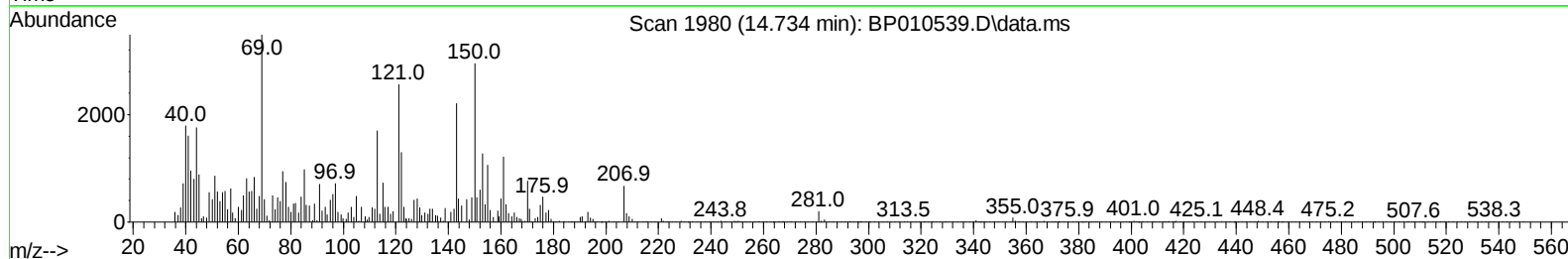
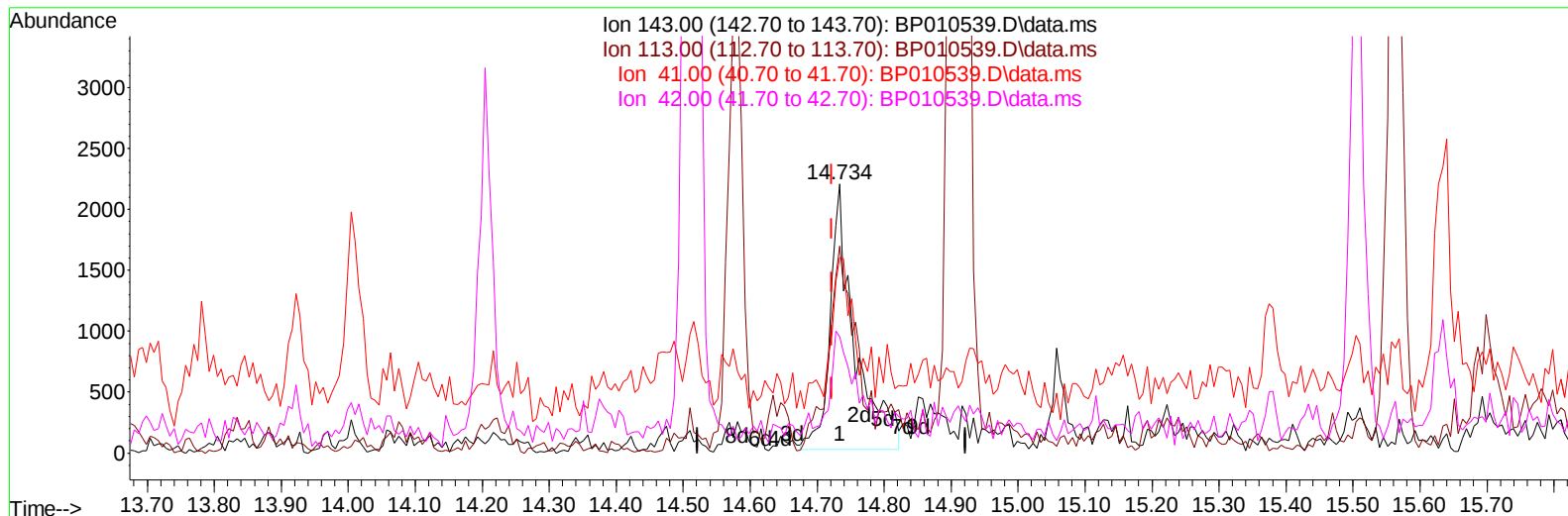
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
Data File : BP010539.D  
Acq On : 25 May 2022 17:01  
Operator : CG/JU  
Sample : N2950-08DL 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBTG6DL

Manual IntegrationsAPPROVED

Quant Time: May 25 23:27:03 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 24 05:50:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/26/2022  
Supervised By :mohammad ahmed 05/27/2022



TIC: BP010539.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.734min (+ 0.012) 1.15 ng/ul m

response 5596

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 132.70 | 77.03# |
| 41.00  | 23.20  | 72.77# |
| 42.00  | 18.00  | 43.32# |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
 Data File : BP010539.D  
 Acq On : 25 May 2022 17:01  
 Operator : CG/JU  
 Sample : N2950-08DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTG6DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022  
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 25 23:27:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.881  | 152  | 112360   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.681 | 136  | 496417   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.516 | 164  | 371362   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 922237   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.345 | 240  | 1031211  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.763 | 264  | 889916   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.340  | 96   | 2968m    | 1.126  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.781  | 84   | 13691m   | 1.829  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 7.058  | 99   | 11198    | 1.187  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.217  | 67   | 42281    | 6.673  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.417  | 132  | 33584    | 4.654  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.593  | 113  | 23255    | 2.902  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.046  | 128  | 25312m   | 6.588  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.769  | 143  | 22859    | 5.614  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.310 | 165  | 41396    | 5.377  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.828 | 131  | 57520m   | 5.025  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.922 | 166  | 221385   | 8.091  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.204 | 160  | 216768m  | 6.868  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.734 | 143  | 5596m    | 1.149  | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.504 | 176  | 188758   | 7.930  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 200  | 28413    | 5.268  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.363 | 188  | 332523   | 7.963  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 445077   | 8.127  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.610 | 264  | 345486   | 7.731  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.734 | 128  | 433015   | 16.700 | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.557 | 142  | 190237   | 10.264 | ng/ul# | 96       |
| 43) 1,1'-Biphenyl             | 13.352 | 154  | 104030   | 3.816  | ng/ul  | 94       |
| 52) Acenaphthene              | 14.575 | 153  | 629258   | 28.253 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.910 | 168  | 563750   | 17.272 | ng/ul  | 96       |
| 61) Fluorene                  | 15.563 | 166  | 350659   | 13.137 | ng/ul  | 92       |
| 72) Phenanthrene              | 17.304 | 178  | 549587   | 11.166 | ng/ul  | 97       |
| 74) Anthracene                | 17.398 | 178  | 49425    | 1.001  | ng/ul  | 96       |
| 77) Carbazole                 | 17.669 | 167  | 1434499  | 33.059 | ng/ul# | 95       |
| -----                         |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052522\  
Data File : BP010539.D  
Acq On : 25 May 2022 17:01  
Operator : CG/JU  
Sample : N2950-08DL 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBTG6DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022  
Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 25 23:27:03 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 24 05:50:40 2022  
Response via : Initial Calibration

