

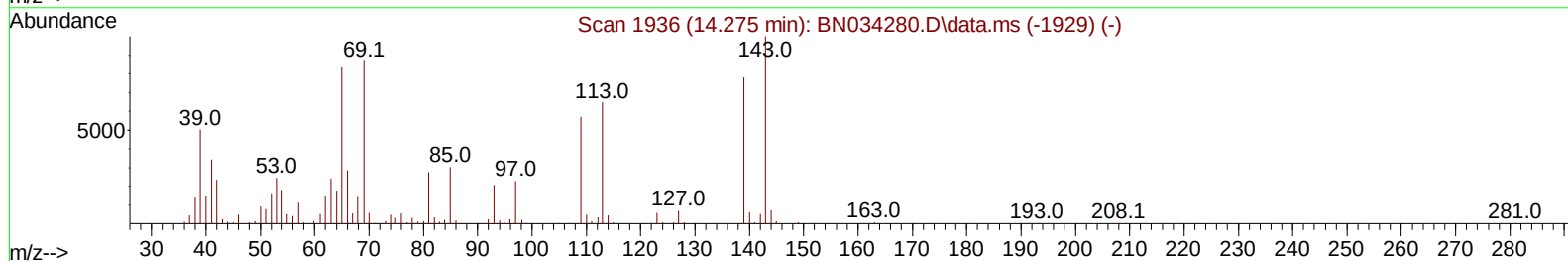
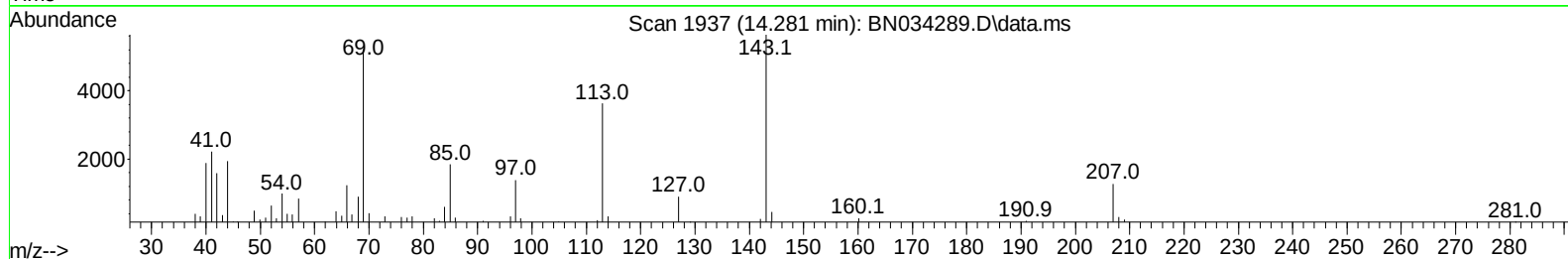
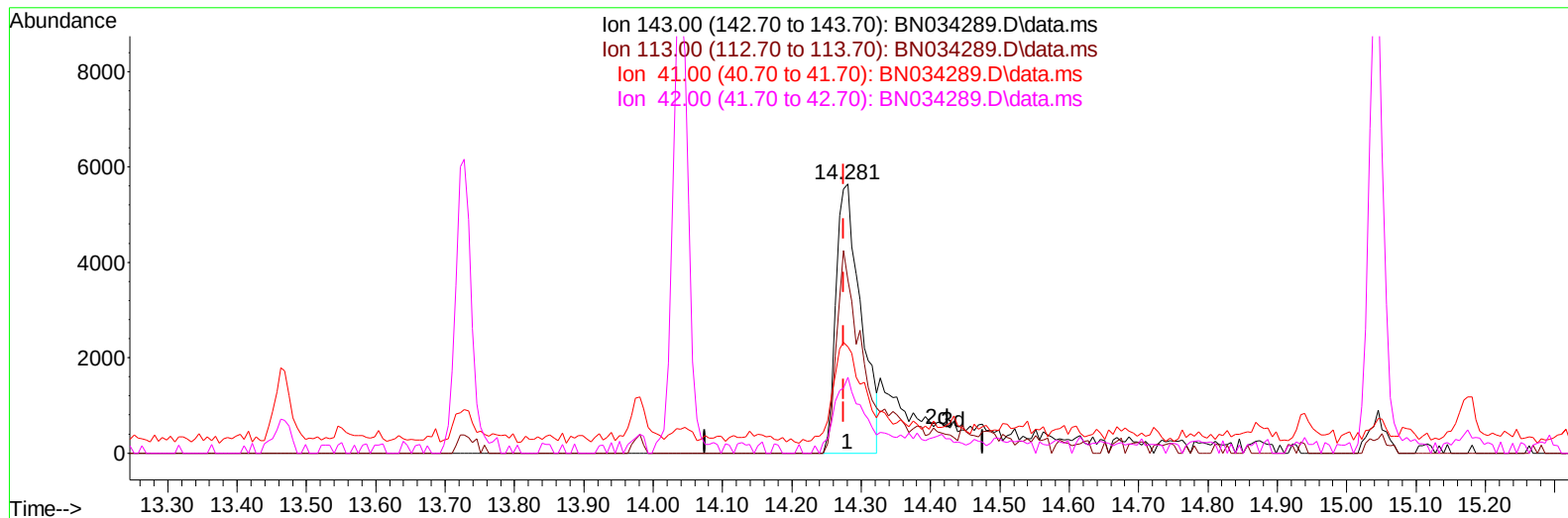
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
Data File : BN034289.D  
Acq On : 30 Sep 2024 22:43  
Operator : RC/JU  
Sample : P4019-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCE7

Manual IntegrationsAPPROVED

Quant Time: Sep 30 23:45:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Sep 30 14:14:38 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/01/2024  
Supervised By :mohammad ahmed 10/02/2024



TIC: BN034289.D\data.ms

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

**14.281min (+ 0.006) 1.56 ng/ul**

**response 13863**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 76.90  | 64.36  |
| 41.00  | 41.70  | 39.48  |
| 42.00  | 28.50  | 28.25  |

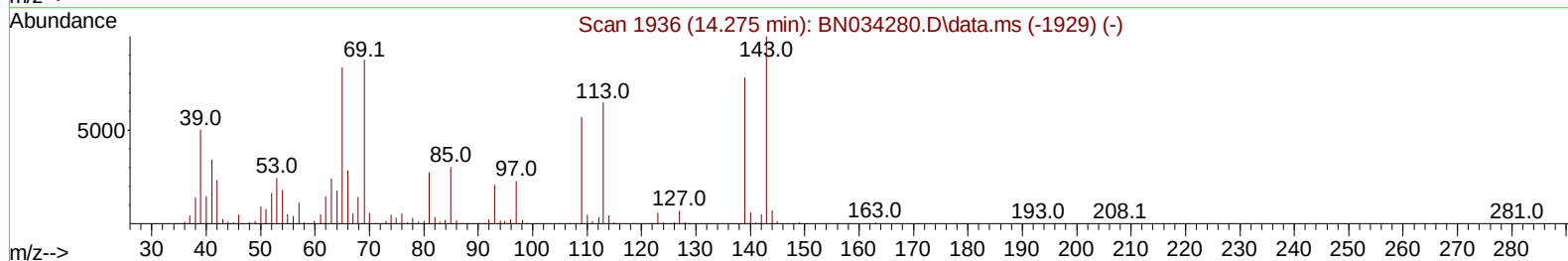
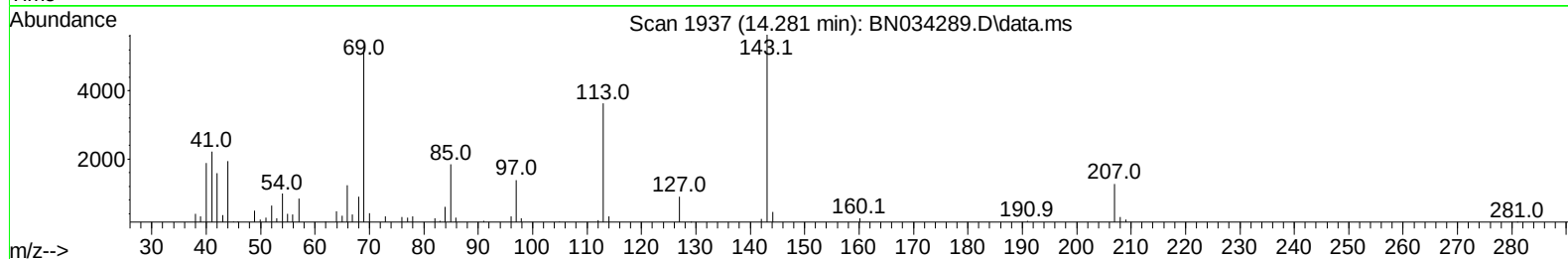
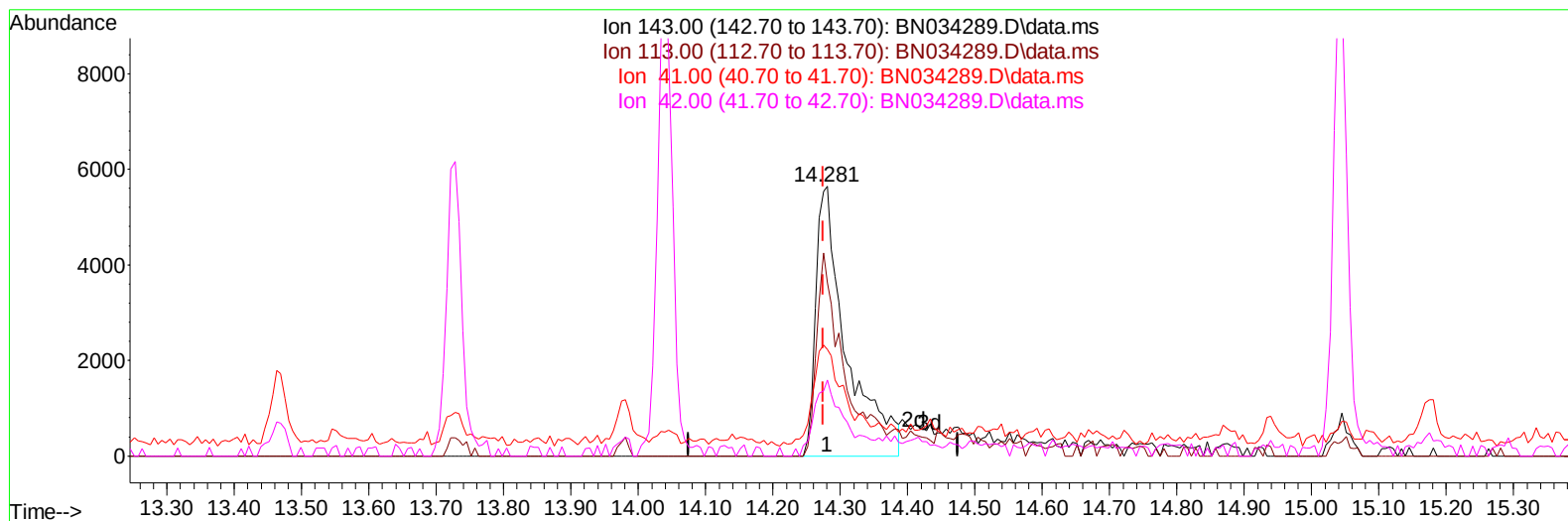
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
Data File : BN034289.D  
Acq On : 30 Sep 2024 22:43  
Operator : RC/JU  
Sample : P4019-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCE7

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024  
Supervised By :mohammad ahmed 10/02/2024

Quant Time: Sep 30 23:45:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Sep 30 14:14:38 2024  
Response via : Initial Calibration



TIC: BN034289.D\data.ms

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

14.281min (+ 0.006) 2.00 ng/ul m

response 17787

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 76.90  | 64.36  |
| 41.00  | 41.70  | 39.48  |
| 42.00  | 28.50  | 28.25  |

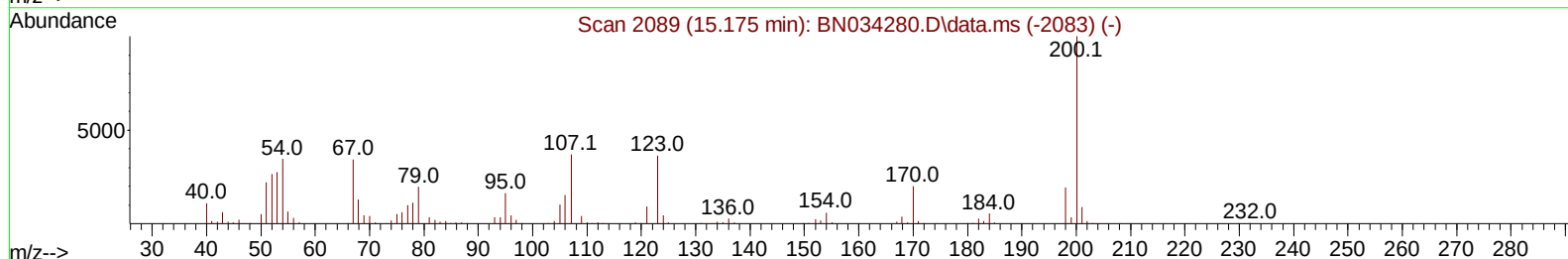
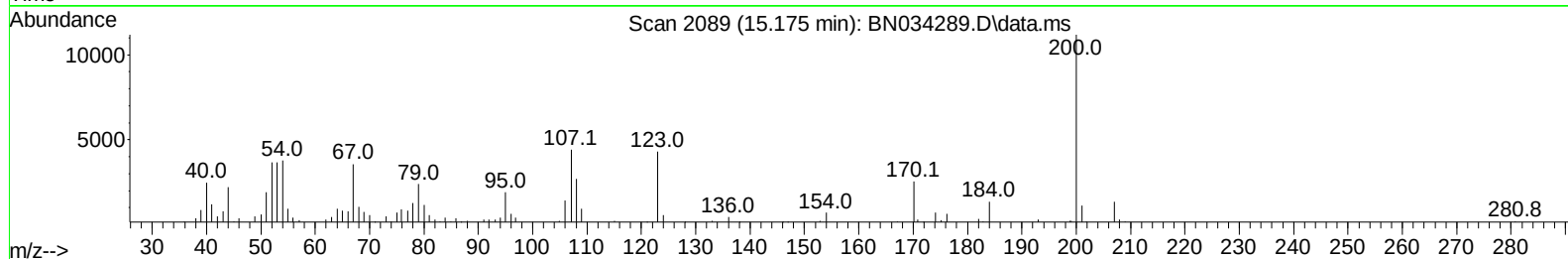
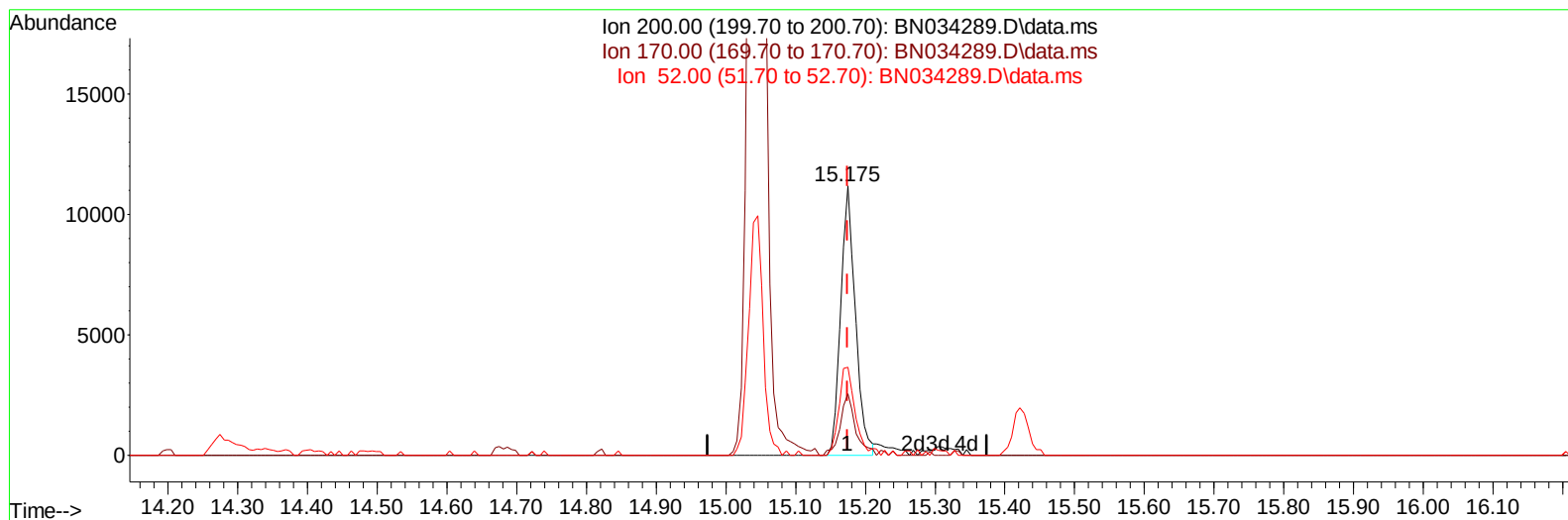
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
Data File : BN034289.D  
Acq On : 30 Sep 2024 22:43  
Operator : RC/JU  
Sample : P4019-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCE7

Manual IntegrationsAPPROVED

Quant Time: Sep 30 23:45:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Sep 30 14:14:38 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/01/2024  
Supervised By :mohammad ahmed 10/02/2024



TIC: BN034289.D\data.ms

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

15.175min (-0.000) 2.37 ng/u1

response 16257

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.50  | 22.81  |
| 52.00  | 46.90  | 32.67# |
| 0.00   | 0.00   | 0.00   |

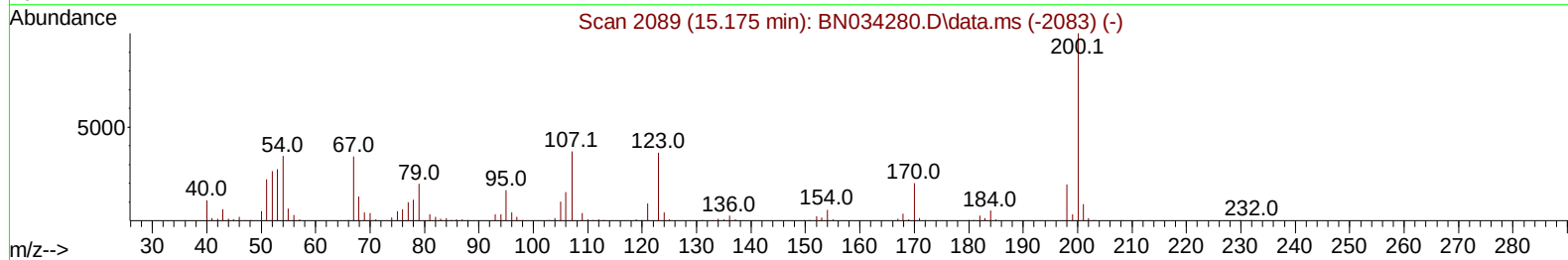
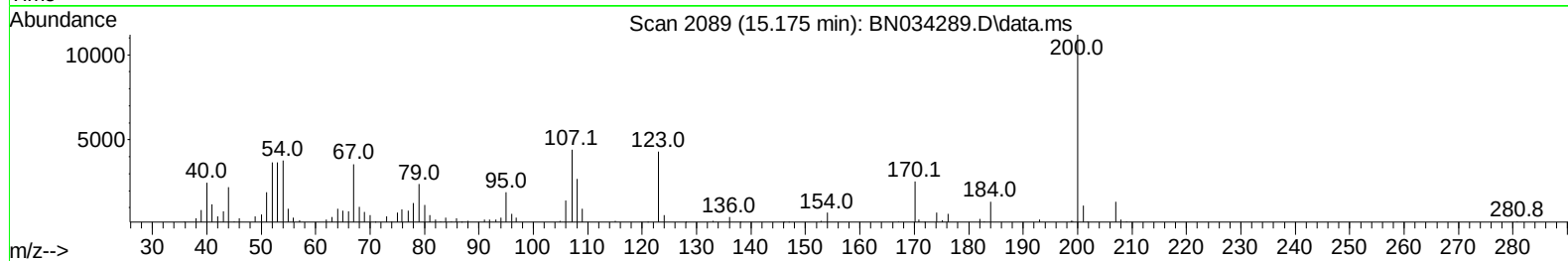
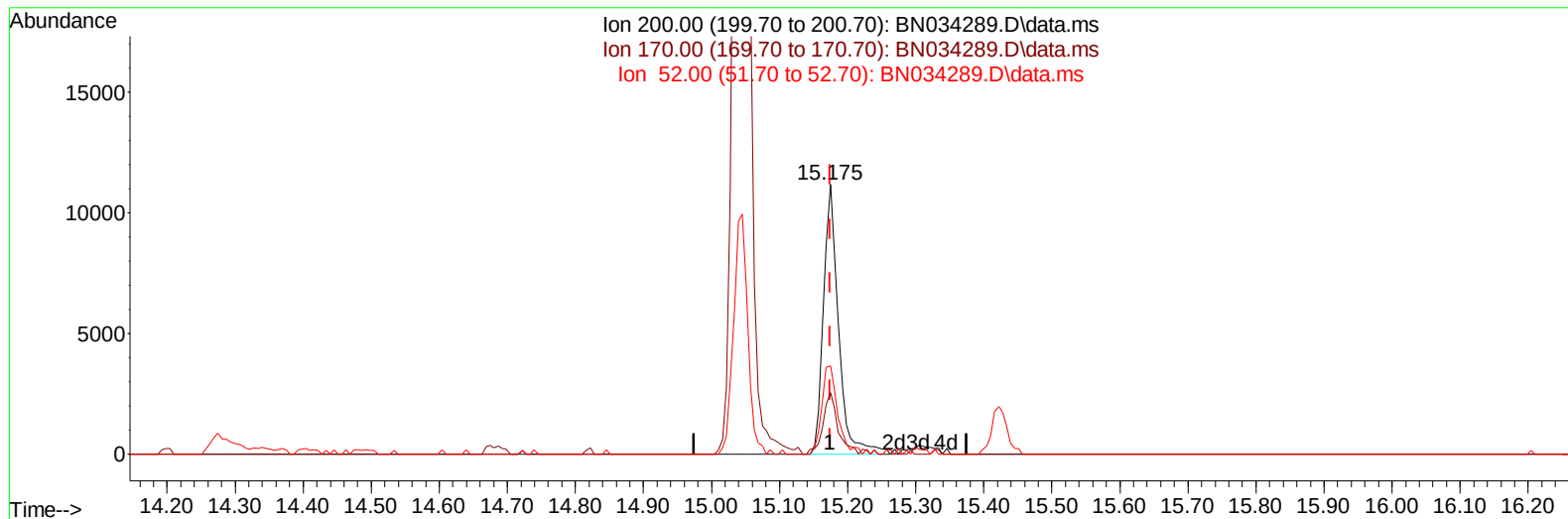
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
Data File : BN034289.D  
Acq On : 30 Sep 2024 22:43  
Operator : RC/JU  
Sample : P4019-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCE7

Manual IntegrationsAPPROVED

Quant Time: Sep 30 23:45:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Sep 30 14:14:38 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/01/2024  
Supervised By :mohammad ahmed 10/02/2024



TIC: BN034289.D\data.ms

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

15.175min (-0.000) 2.50 ng/ul m

response 17117

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.50  | 22.81  |
| 52.00  | 46.90  | 32.67# |
| 0.00   | 0.00   | 0.00   |

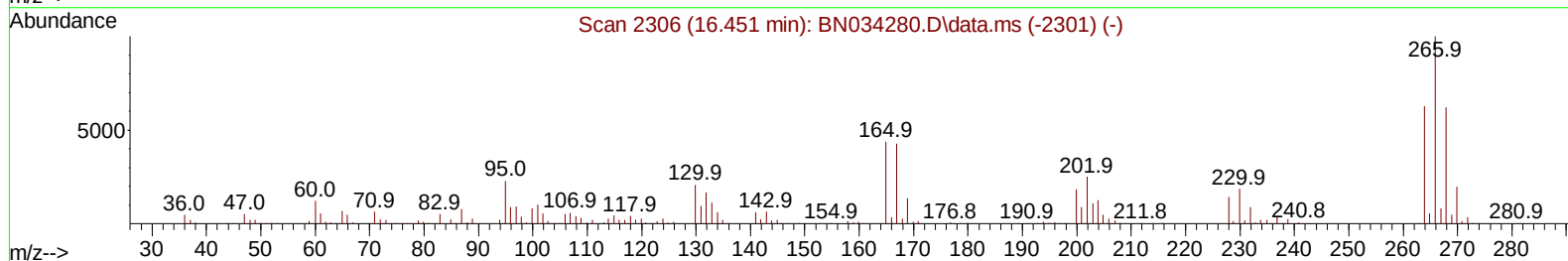
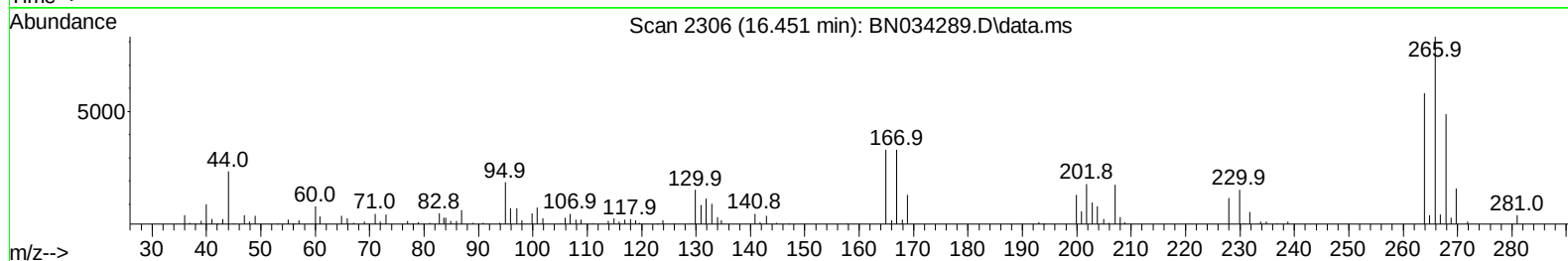
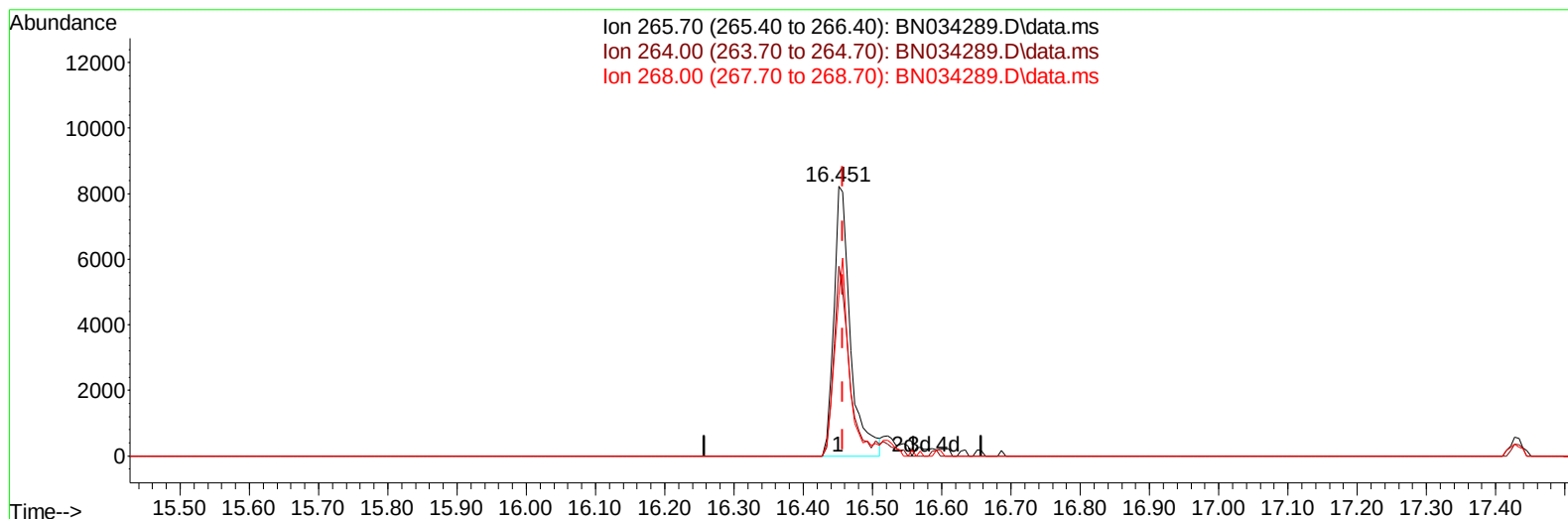
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
Data File : BN034289.D  
Acq On : 30 Sep 2024 22:43  
Operator : RC/JU  
Sample : P4019-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCE7

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024  
Supervised By :mohammad ahmed 10/02/2024

Quant Time: Sep 30 23:45:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Sep 30 14:14:38 2024  
Response via : Initial Calibration



TIC: BN034289.D\data.ms

## (71) Pentachlorophenol (C)

16.451min (-0.006) 1.51 ng/u1

response 13614

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 63.90  | 70.43  |
| 268.00 | 66.00  | 59.52  |
| 0.00   | 0.00   | 0.00   |

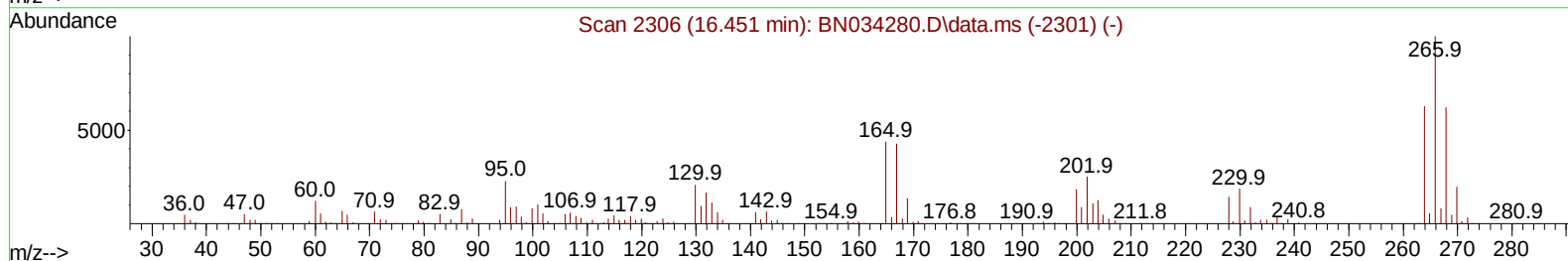
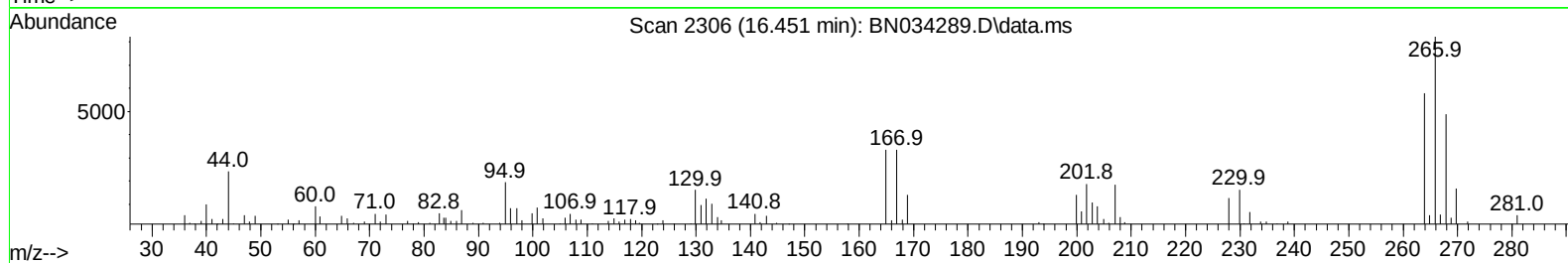
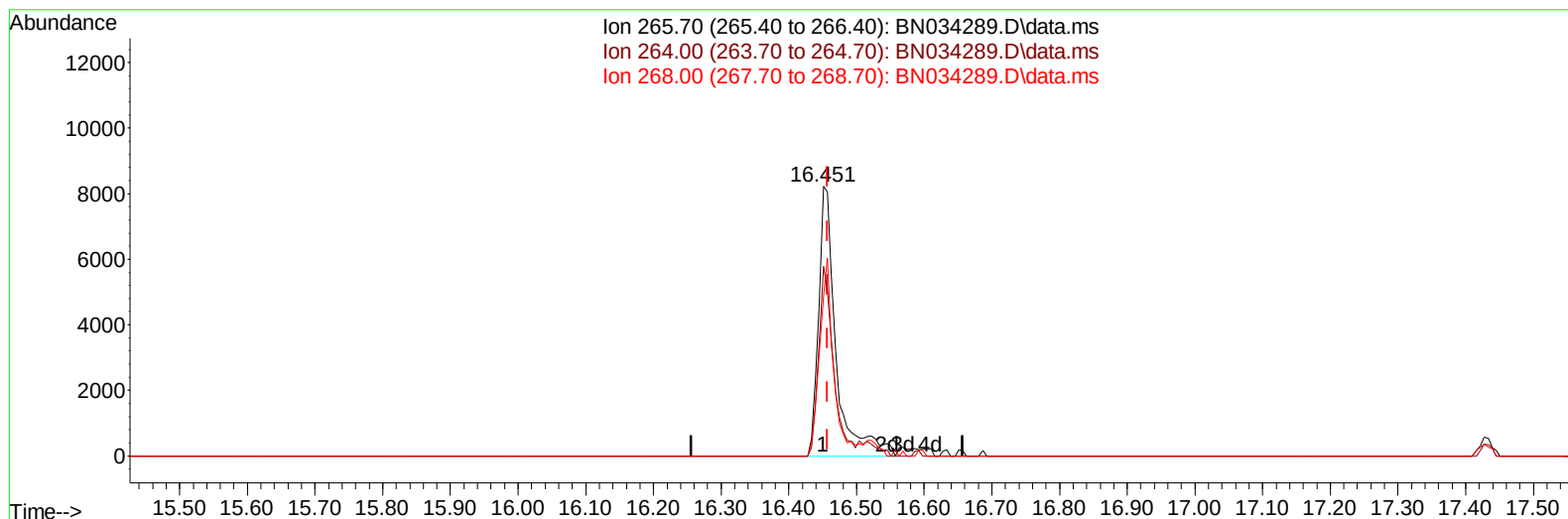
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
 Data File : BN034289.D  
 Acq On : 30 Sep 2024 22:43  
 Operator : RC/JU  
 Sample : P4019-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDCE7

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024  
 Supervised By :mohammad ahmed 10/02/2024

Quant Time: Sep 30 23:45:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 30 14:14:38 2024  
 Response via : Initial Calibration



TIC: BN034289.D\data.ms

## (71) Pentachlorophenol (C)

16.451min (-0.006) 1.63 ng/ul m

response 14695

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 63.90  | 70.43  |
| 268.00 | 66.00  | 59.52  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
 Data File : BN034289.D  
 Acq On : 30 Sep 2024 22:43  
 Operator : RC/JU  
 Sample : P4019-10  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDCE7

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024  
 Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 00:23:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 30 14:14:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|-------|----------|
| -----                         |        |     |     |          |        |       |          |
| Internal Standards            |        |     |     |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.387  | 152 |     | 242623   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.146 | 136 |     | 968218   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.039 | 164 |     | 581100   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 16.798 | 188 |     | 1148585  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.027 | 240 |     | 1064749  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 23.733 | 264 |     | 1237629  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |     |     |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.005  | 96  |     | 17198    | 2.893  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.393  | 84  |     | 222913   | 12.613 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.587  | 99  |     | 309207   | 14.360 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.746  | 67  |     | 192767   | 14.429 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 6.928  | 132 |     | 274614   | 16.202 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.104  | 113 |     | 257707   | 14.545 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.528  | 128 |     | 128292   | 16.624 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.246  | 143 |     | 126763   | 15.974 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.775  | 165 |     | 237345   | 15.881 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.293 | 131 |     | 343912   | 15.200 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.469 | 166 |     | 781326   | 17.991 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.728 | 160 |     | 868877   | 17.785 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.281 | 143 |     | 17787m   | 1.996  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.045 | 176 |     | 672712   | 18.278 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.175 | 200 |     | 17117m   | 2.499  | ng/ul | 0.00     |
| 73) Anthracene-d10            | 16.892 | 188 |     | 1029484  | 19.064 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.204 | 212 |     | 1183106  | 19.943 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.551 | 264 |     | 1210303  | 19.038 | ng/ul | 0.00     |
| Target Compounds              |        |     |     |          |        |       |          |
| 71) Pentachlorophenol         | 16.451 | 266 |     | 14695m   | 1.630  | ng/ul | Qvalue   |
| -----                         |        |     |     |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN093024\  
Data File : BN034289.D  
Acq On : 30 Sep 2024 22:43  
Operator : RC/JU  
Sample : P4019-10  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCE7

Manual IntegrationsAPPROVED

Quant Time: Oct 01 00:23:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION  
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