

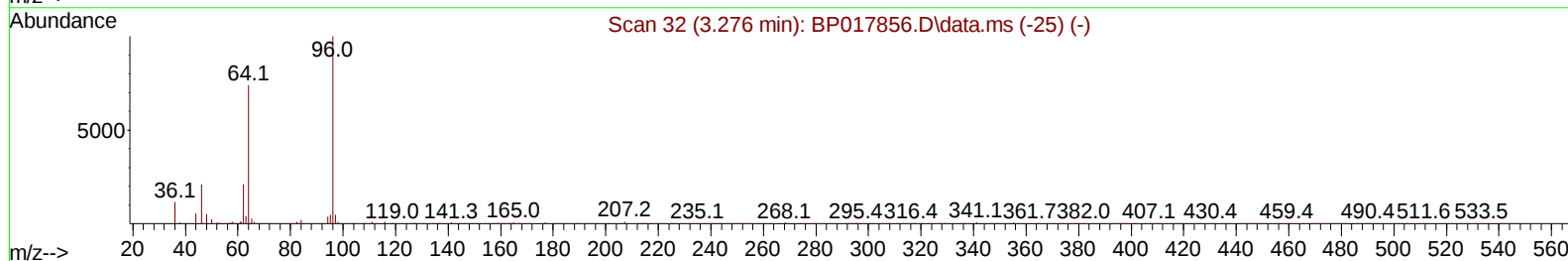
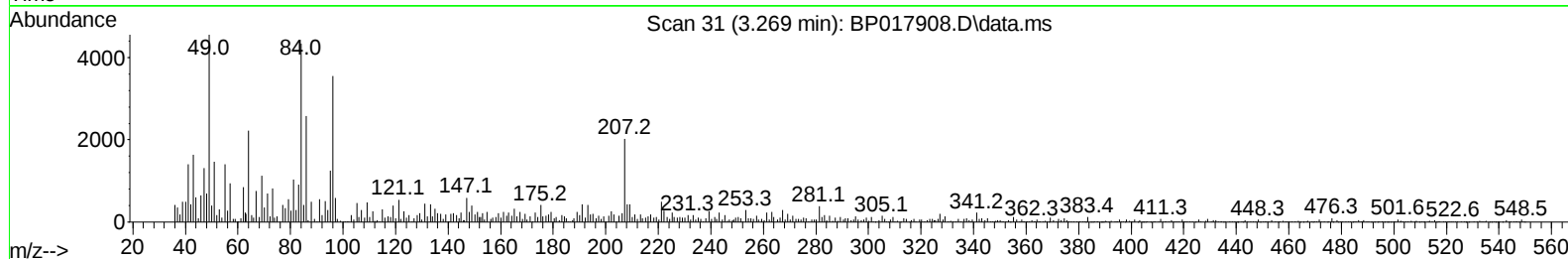
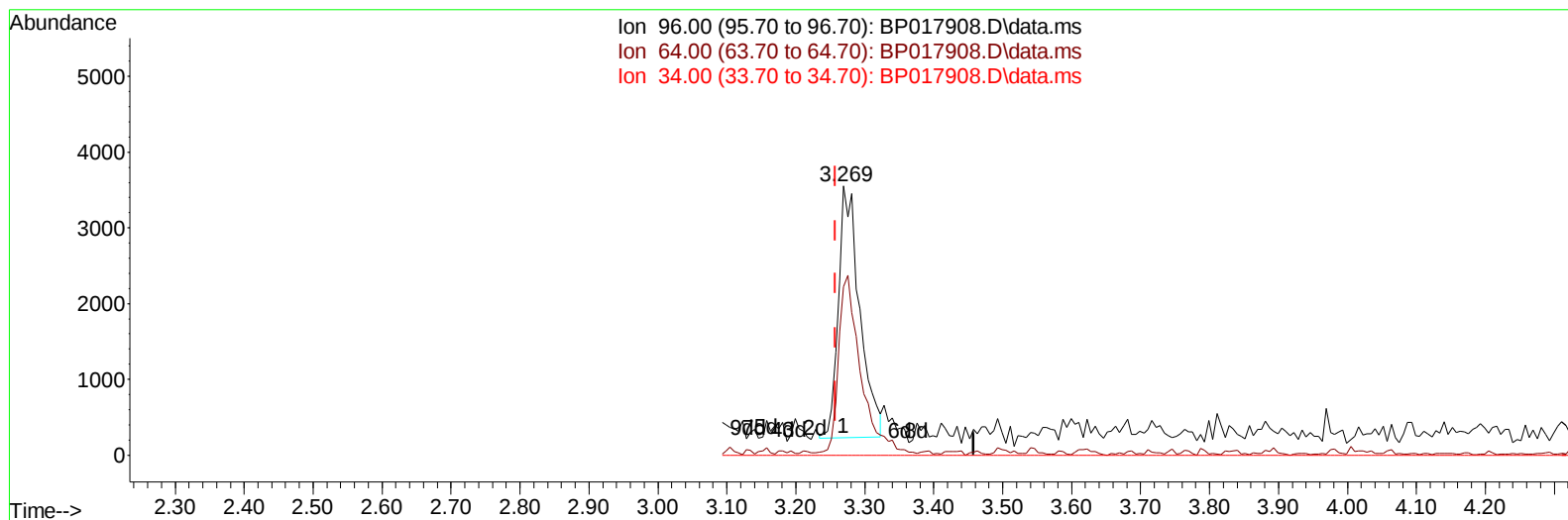
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
Data File : BP017908.D  
Acq On : 03 Nov 2023 03:55  
Operator : MA/JU  
Sample : 05060-03  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKG1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:29:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 19 01:32:15 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023  
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017908.D\data.ms

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

**3.269min (+ 0.011) 1.88 ng/uL**

**response 7089**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 71.80  | 62.57  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

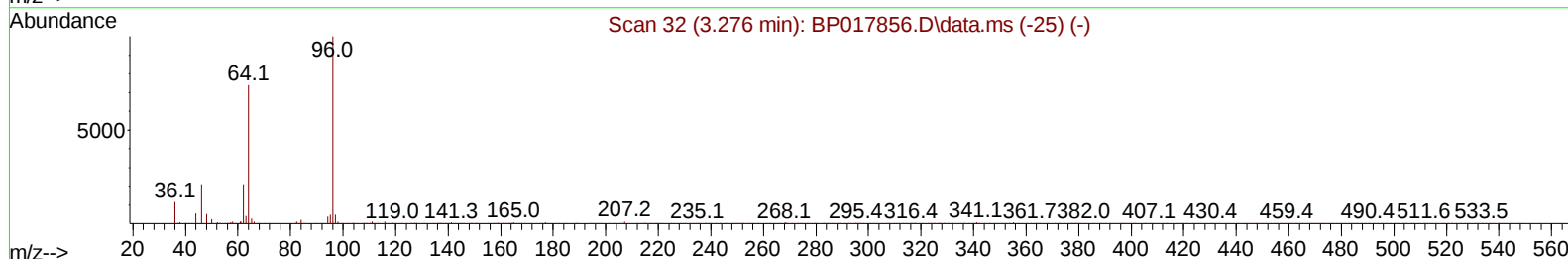
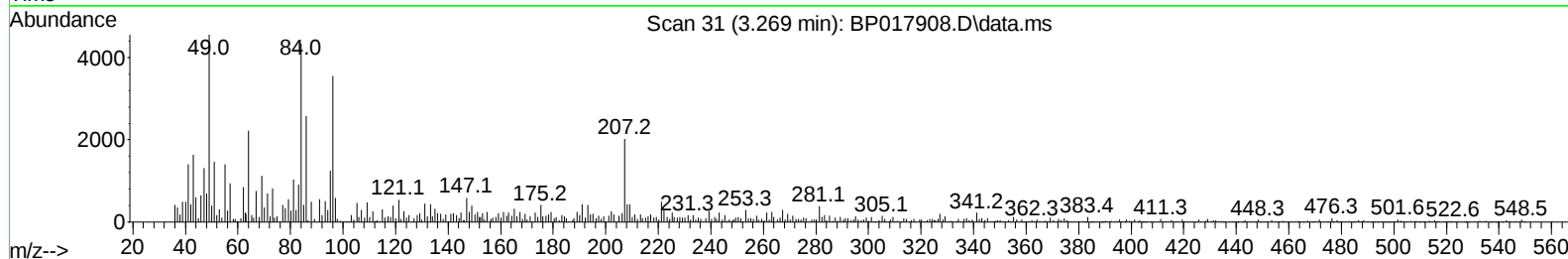
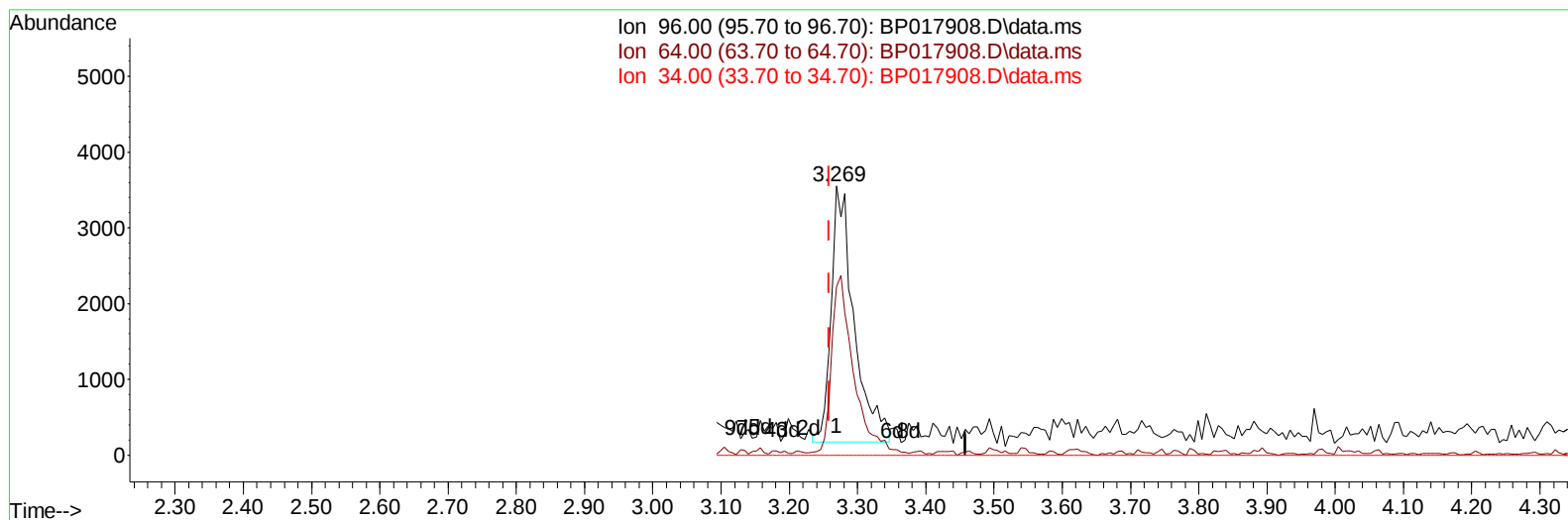
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
Data File : BP017908.D  
Acq On : 03 Nov 2023 03:55  
Operator : MA/JU  
Sample : 05060-03  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKG1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:29:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 19 01:32:15 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023  
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017908.D\data.ms

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

**3.269min (+ 0.011) 2.07 ng/uL m**

**response 7831**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 71.80  | 62.57  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

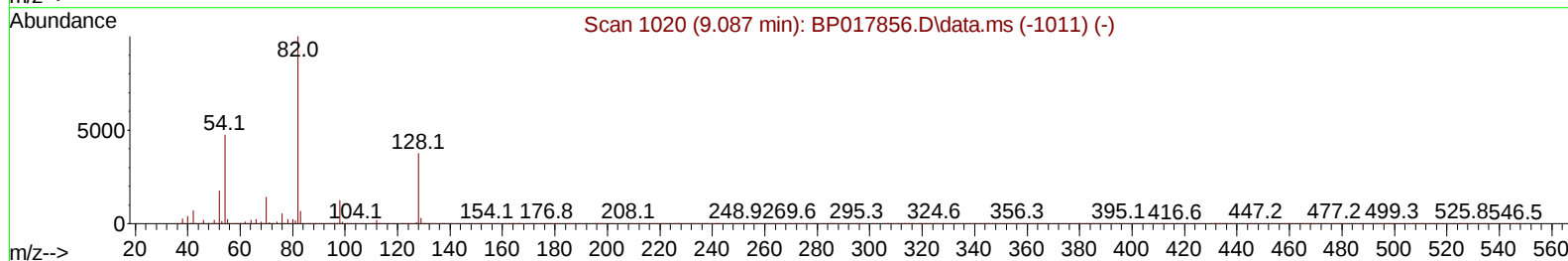
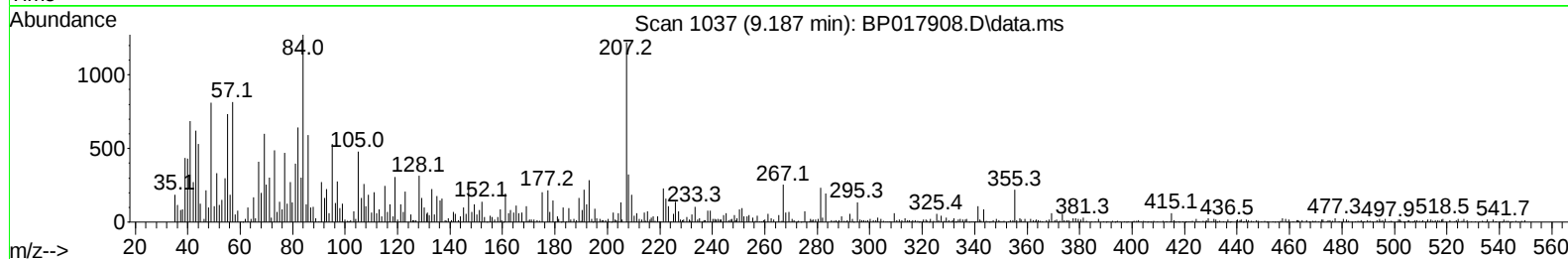
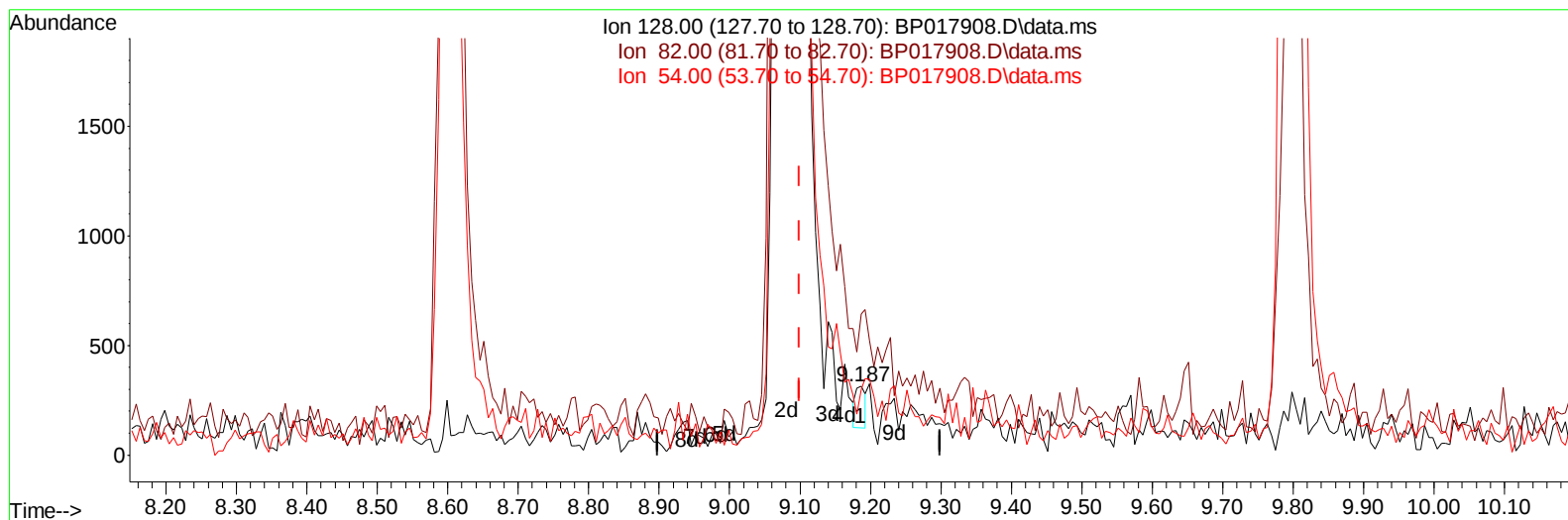
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
 Data File : BP017908.D  
 Acq On : 03 Nov 2023 03:55  
 Operator : MA/JU  
 Sample : 05060-03  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKG1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:29:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 19 01:32:15 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023  
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017908.D\data.ms

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

**9.187min (+ 0.088) 0.04 ng/u1**

| response | 185    |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 128.00   | 100.00 | 100.00 |
| 82.00    | 244.40 | 204.44 |
| 54.00    | 109.40 | 94.92  |
| 0.00     | 0.00   | 0.00   |

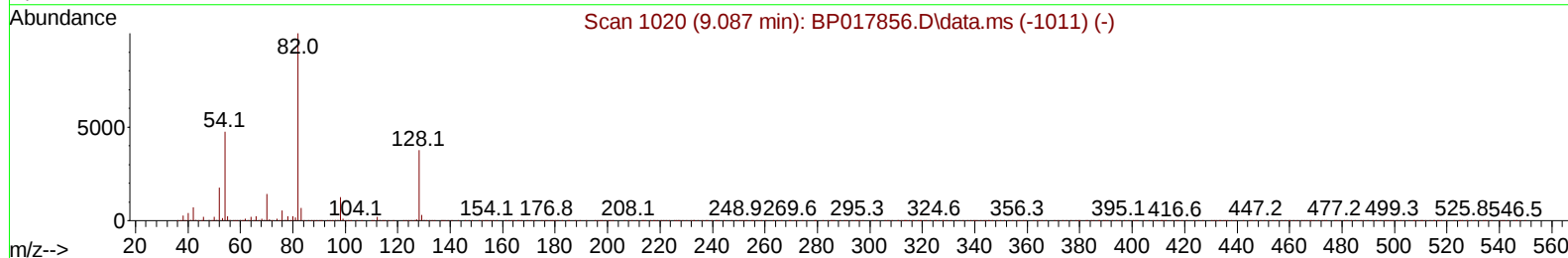
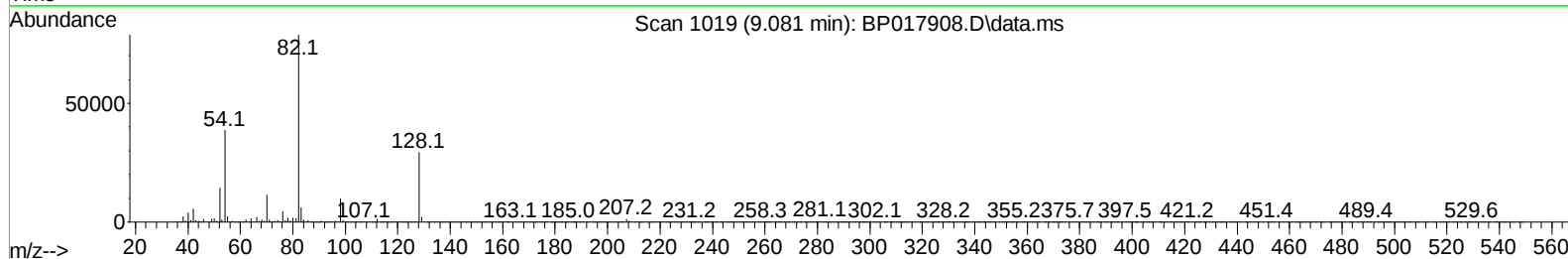
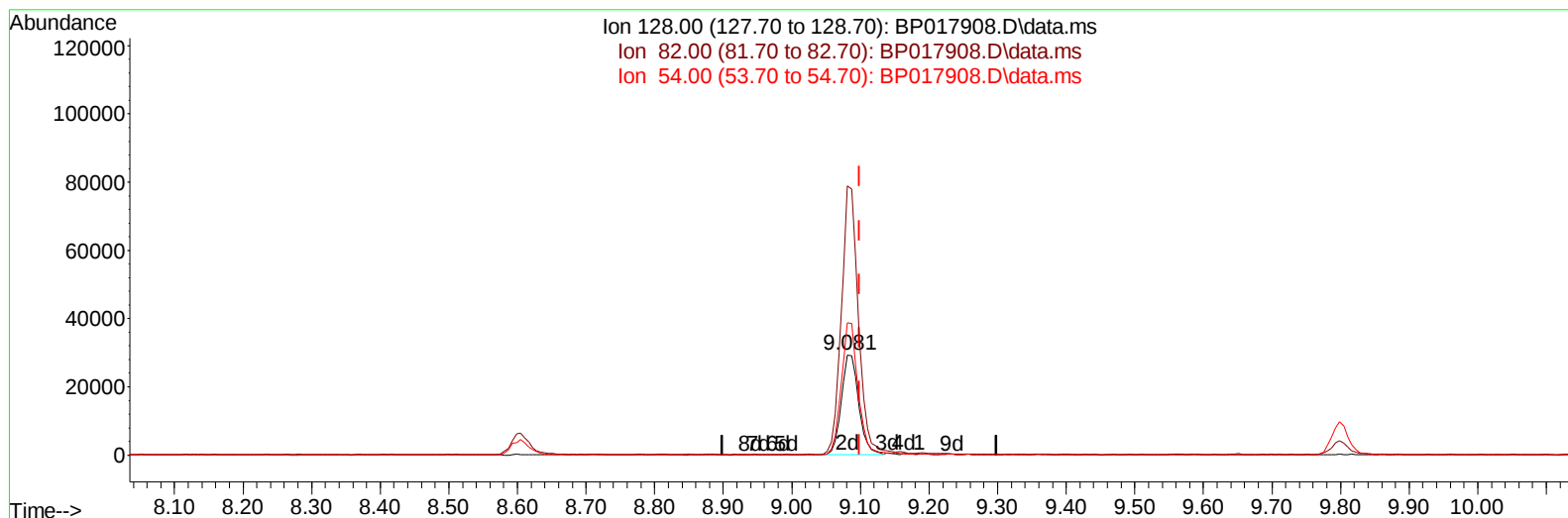
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
 Data File : BP017908.D  
 Acq On : 03 Nov 2023 03:55  
 Operator : MA/JU  
 Sample : 05060-03  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKG1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:29:17 2023  
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 QLast Update : Thu Oct 19 01:32:15 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023  
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017908.D\data.ms

(21) Nitrobenzene-d5 (S)

9.081min (-0.018) 11.72 ng/ul m

response 50979

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 244.40 | 268.94  |
| 54.00  | 109.40 | 132.18# |
| 0.00   | 0.00   | 0.00    |

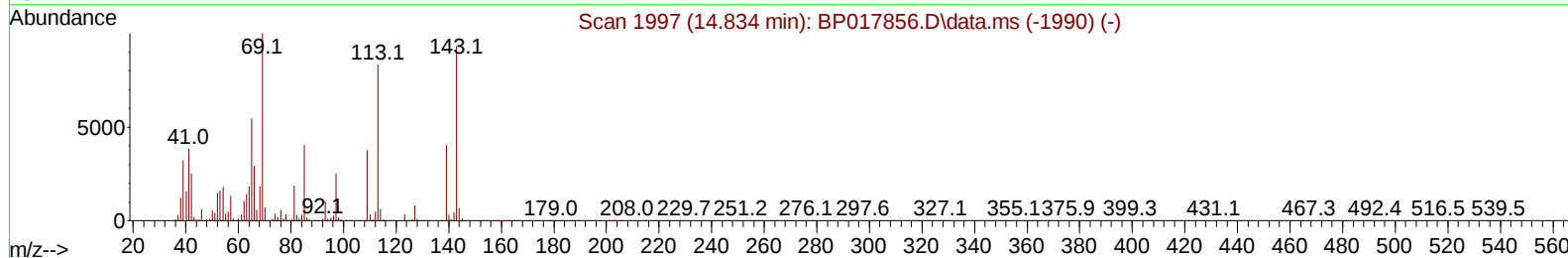
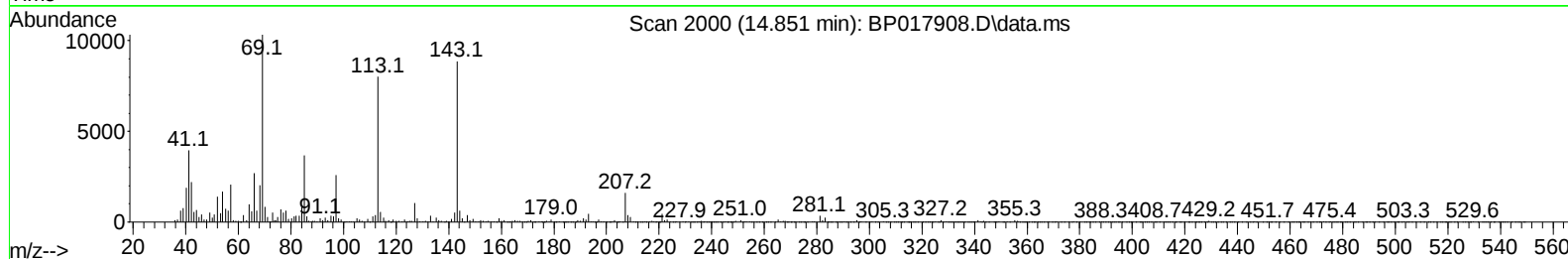
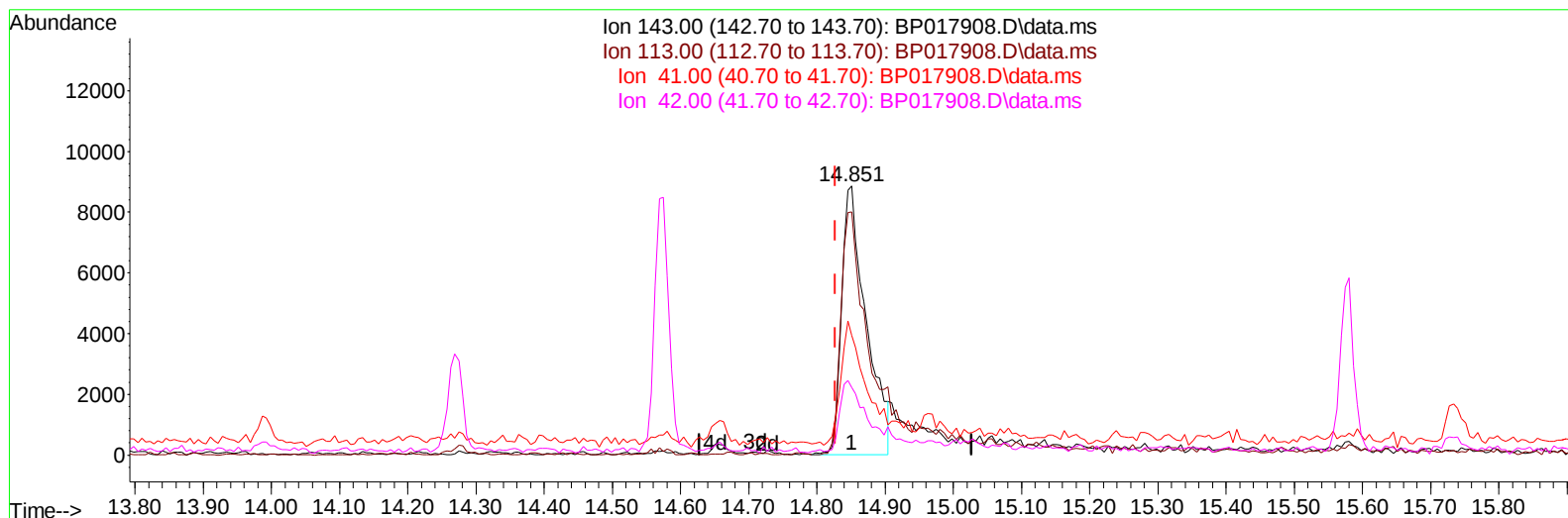
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
 Data File : BP017908.D  
 Acq On : 03 Nov 2023 03:55  
 Operator : MA/JU  
 Sample : 05060-03  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKG1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:29:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 19 01:32:15 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023  
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017908.D\data.ms

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

**14.851min (+ 0.023) 5.94 ng/u1**

**response 22238**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 81.70  | 90.48  |
| 41.00  | 39.20  | 44.55  |
| 42.00  | 25.60  | 25.03  |

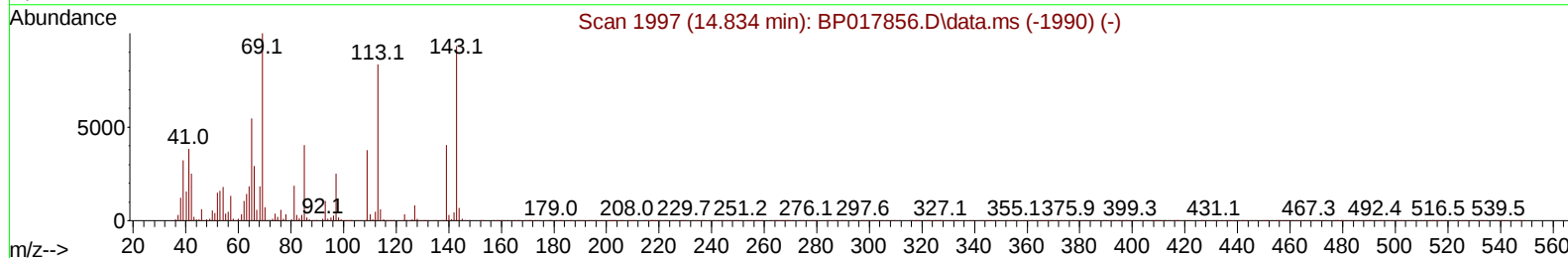
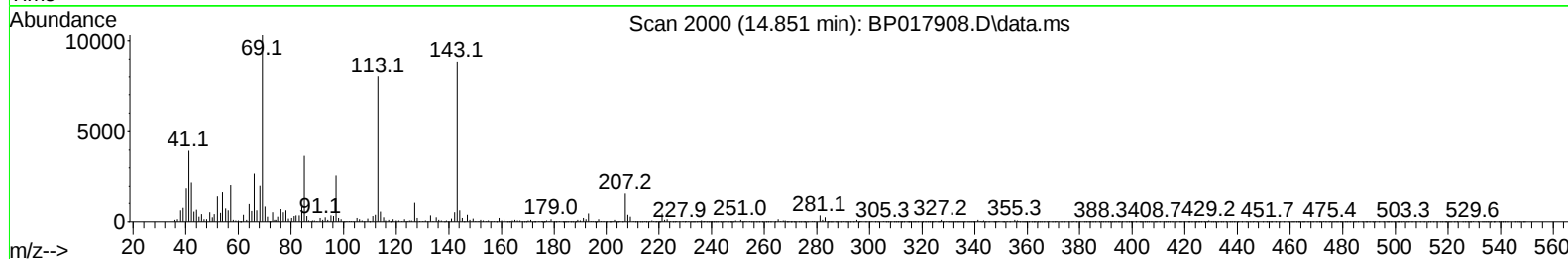
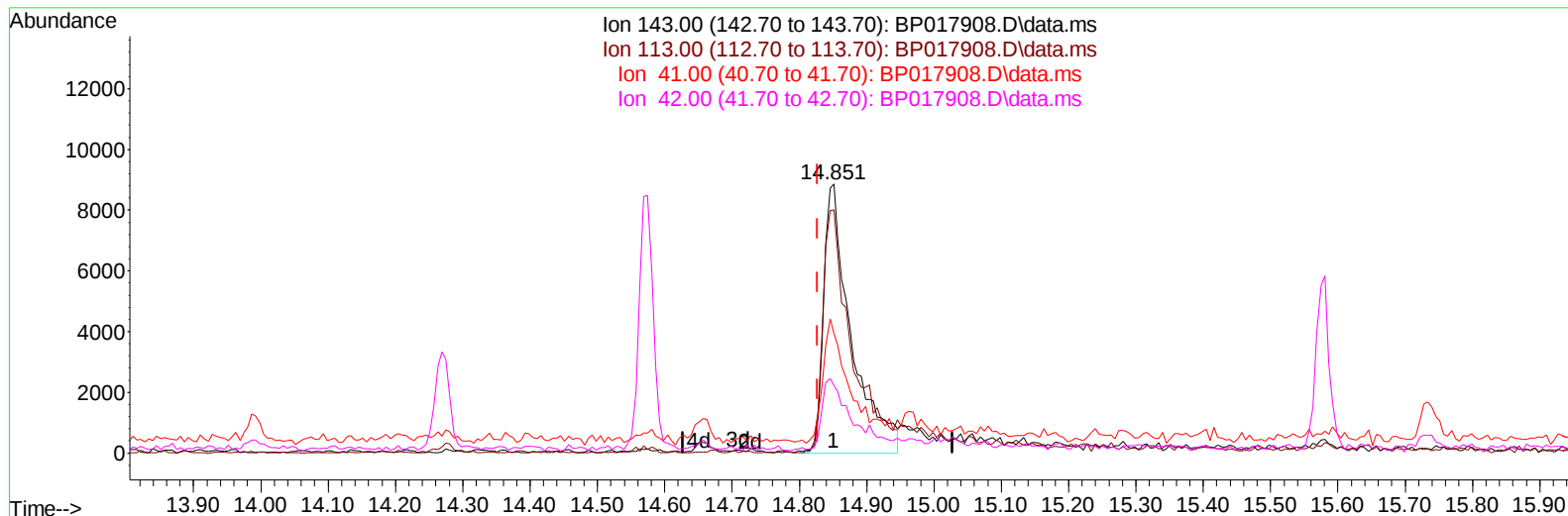
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
 Data File : BP017908.D  
 Acq On : 03 Nov 2023 03:55  
 Operator : MA/JU  
 Sample : 05060-03  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKG1

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:29:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 19 01:32:15 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023  
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017908.D\data.ms

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

**14.851min (+ 0.023) 6.71 ng/ul m**

**response 25119**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 81.70  | 90.48  |
| 41.00  | 39.20  | 44.55  |
| 42.00  | 25.60  | 25.03  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
 Data File : BP017908.D  
 Acq On : 03 Nov 2023 03:55  
 Operator : MA/JU  
 Sample : 05060-03  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKG1

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/03/2023  
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 04:33:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 19 01:32:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 140573   | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 10.704 | 136  | 536945   | 20.000 | ng/ul | -0.02    |
| 38) Acenaphthene-d10          | 14.575 | 164  | 312807   | 20.000 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.369 | 188  | 624800   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.516 | 240  | 497486   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.068 | 264  | 514283   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 7831m    | 2.072  | ng/uL | 0.01     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul |          |
| 7) Phenol-d5                  | 7.040  | 99   | 119211   | 10.191 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.222  | 67   | 82768    | 11.457 | ng/ul | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.399  | 132  | 104665   | 10.970 | ng/ul | -0.01    |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 49307    | 5.367  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.081  | 128  | 50979m   | 11.717 | ng/ul | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.799  | 143  | 57195    | 11.897 | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.334 | 165  | 91741    | 9.728  | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.887 | 131  | 89175    | 7.226  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.992 | 166  | 306570   | 11.675 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 14.269 | 160  | 337041   | 11.509 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.851 | 143  | 25119m   | 6.713  | ng/ul | 0.02     |
| 60) Fluorene-d10              | 15.581 | 176  | 247900   | 10.921 | ng/ul | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.734 | 200  | 19726    | 4.793  | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.469 | 188  | 355906   | 11.147 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.727 | 212  | 421183   | 13.504 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.898 | 264  | 322492   | 11.259 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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