

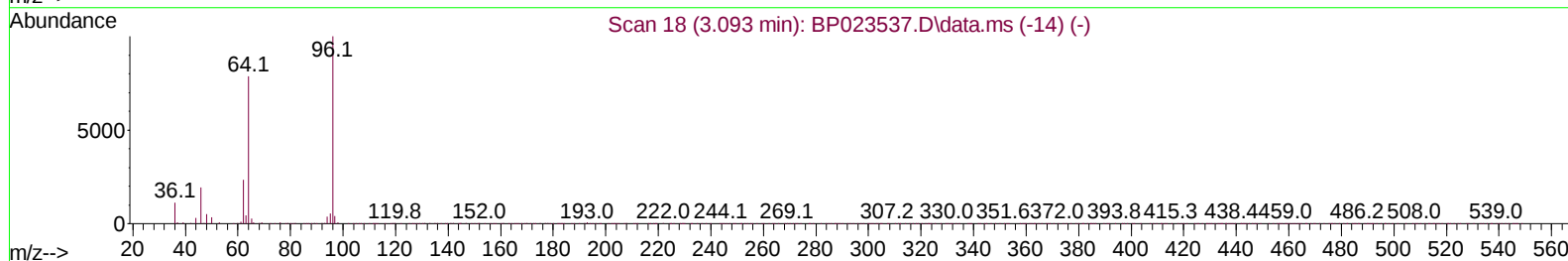
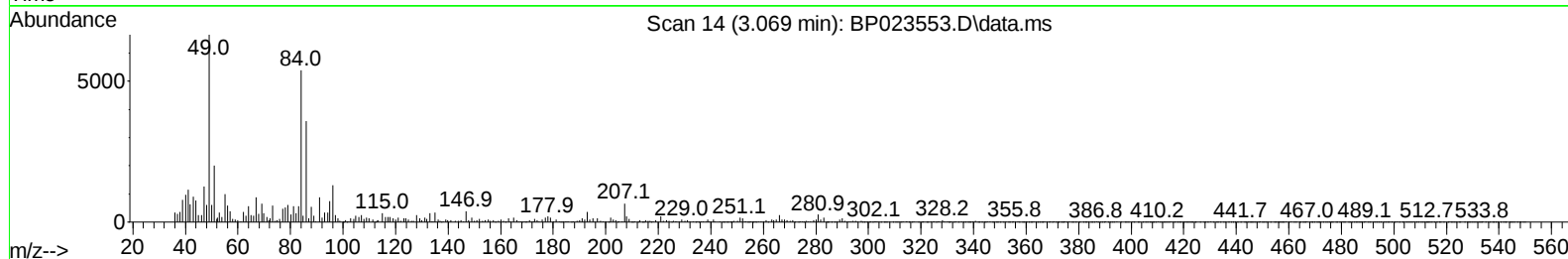
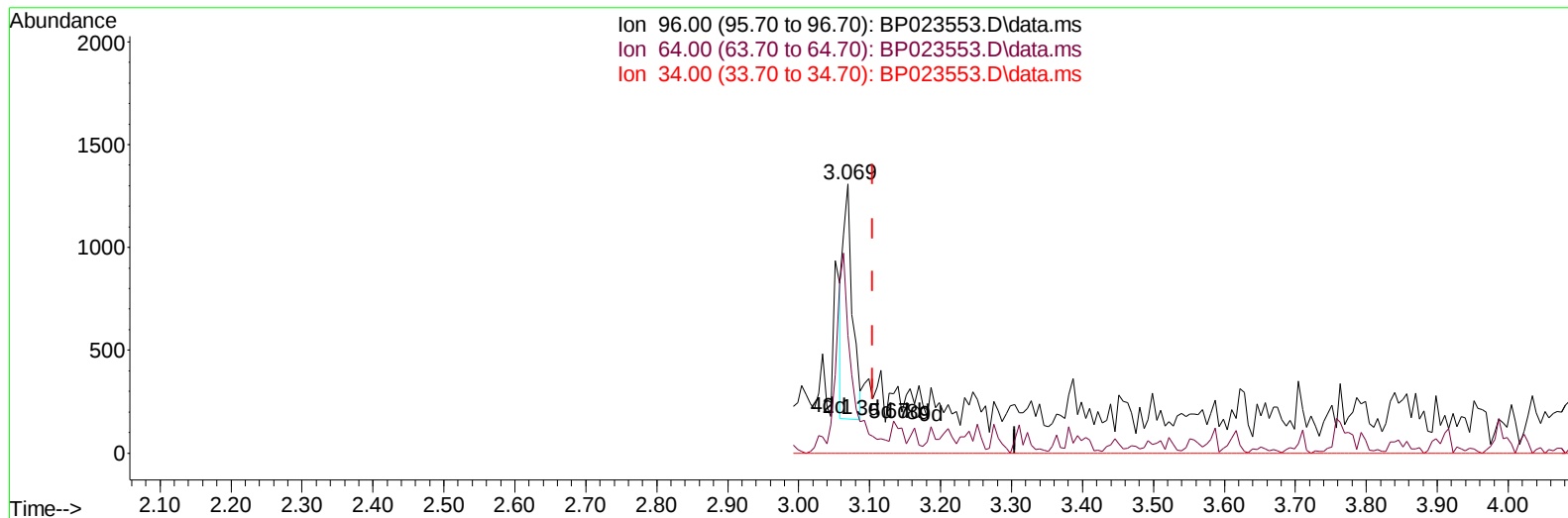
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

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

3.069min (-0.036) 0.19 ng/uL

response 1075

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 73.20  | 43.65# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

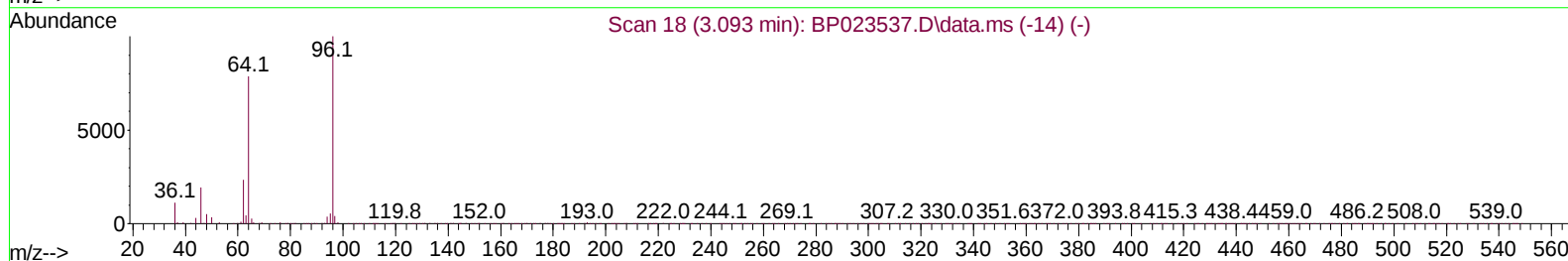
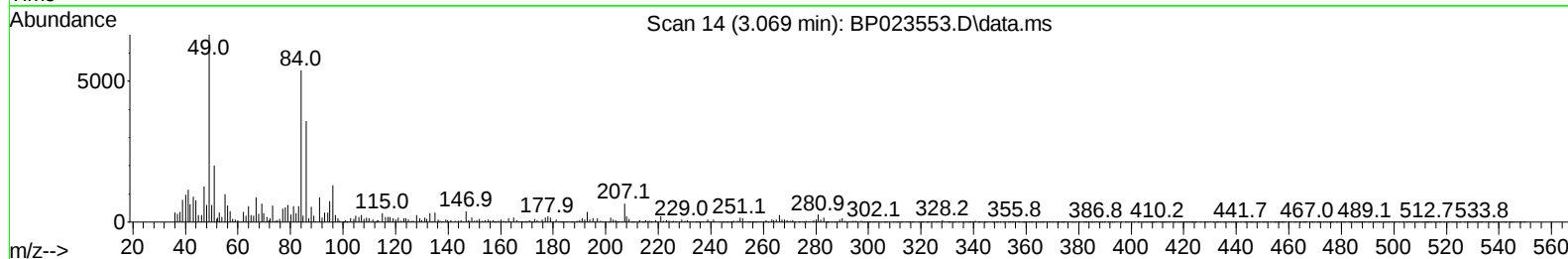
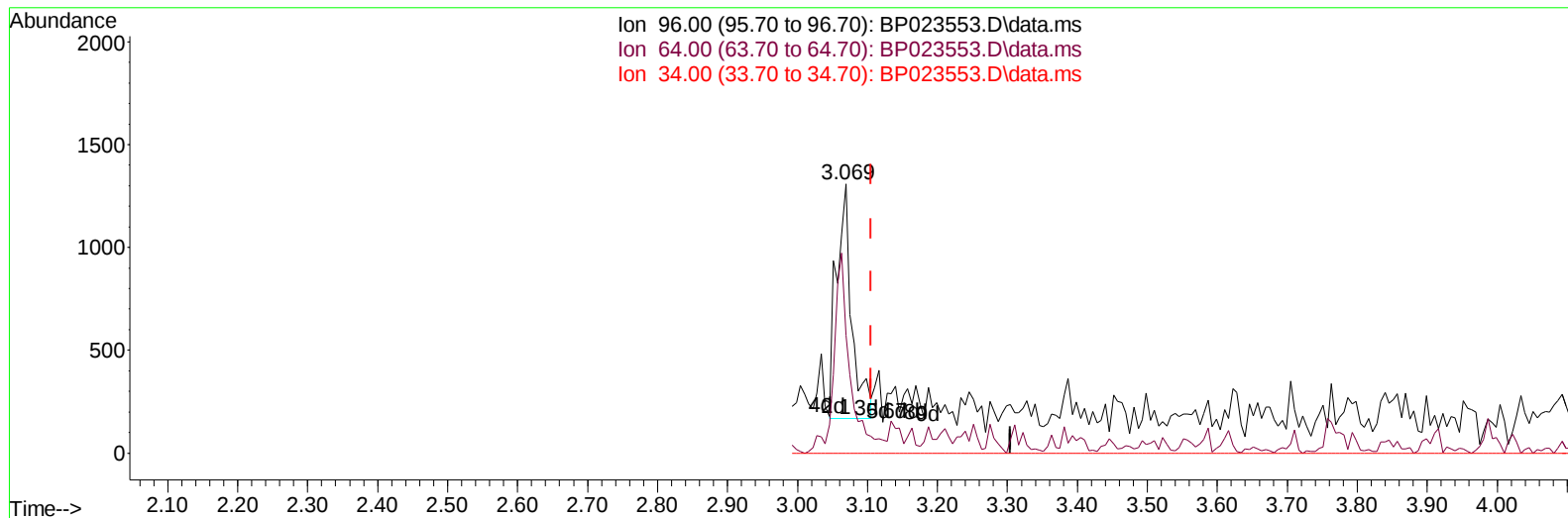
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

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

3.069min (-0.036) 0.31 ng/uL m

response 1735

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 73.20  | 43.65# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

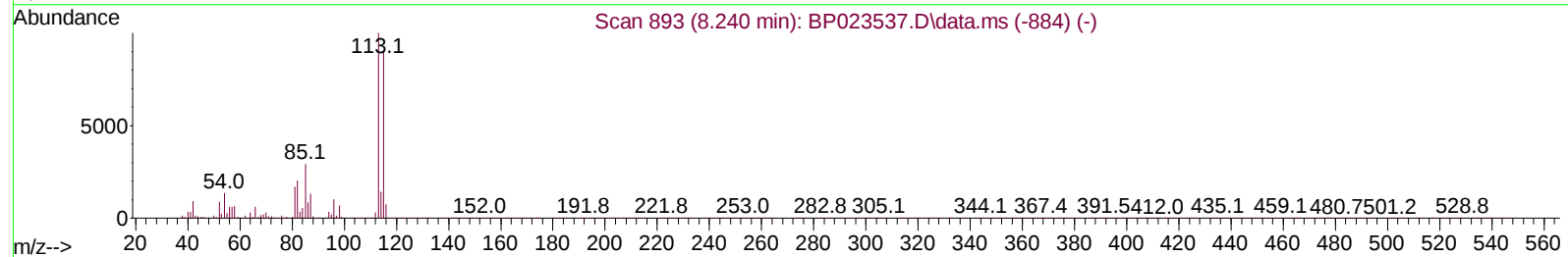
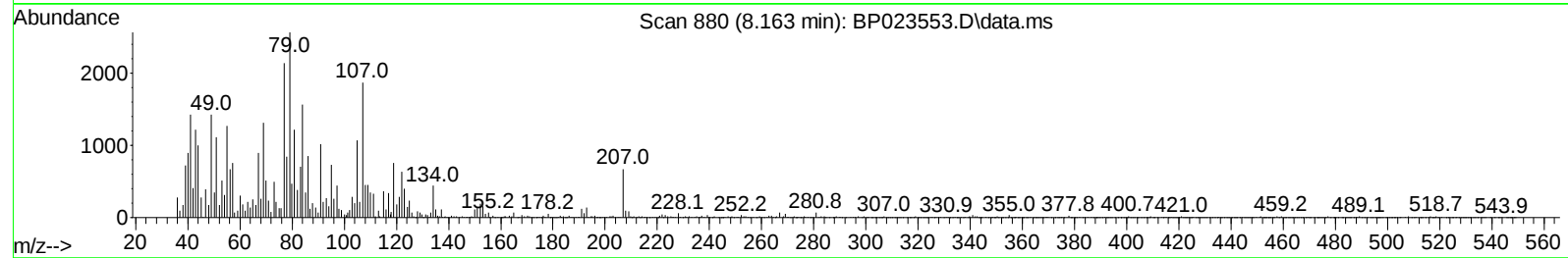
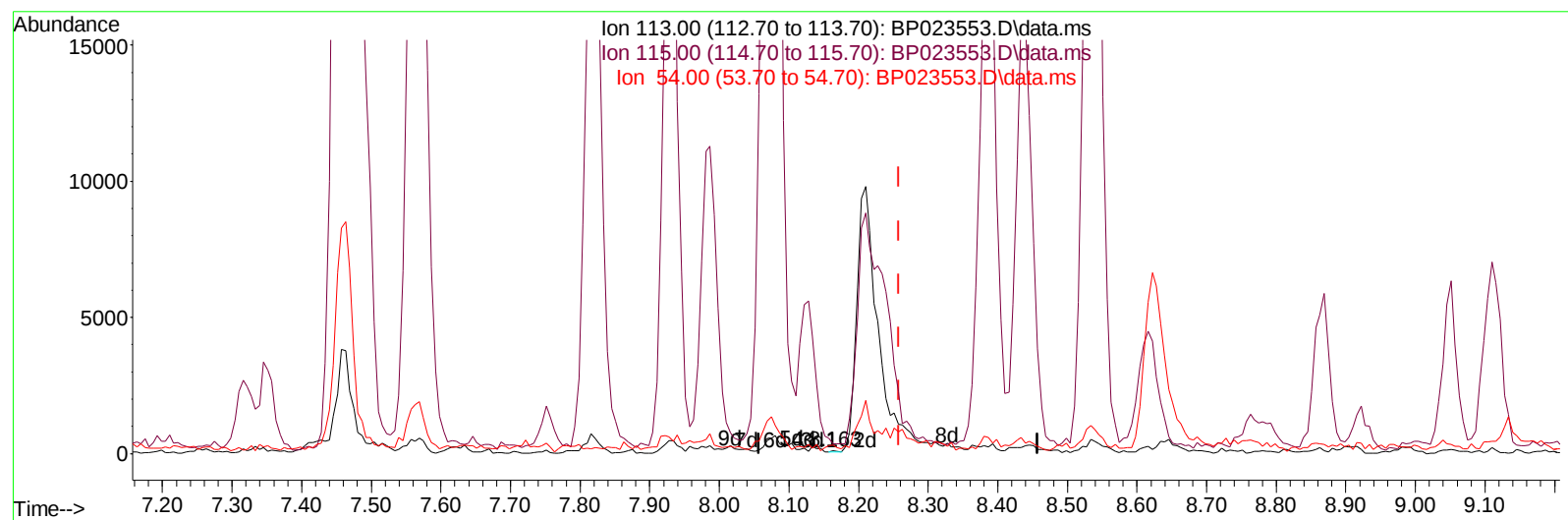
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.163min (-0.095) 0.00 ng/u1

response 31

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 115.00 | 87.60  | 324.78# |
| 54.00  | 16.60  | 280.53# |
| 0.00   | 0.00   | 0.00    |

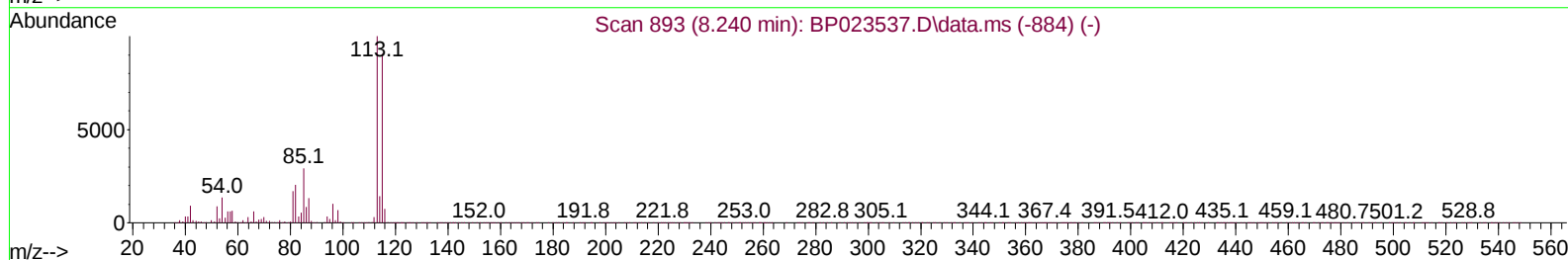
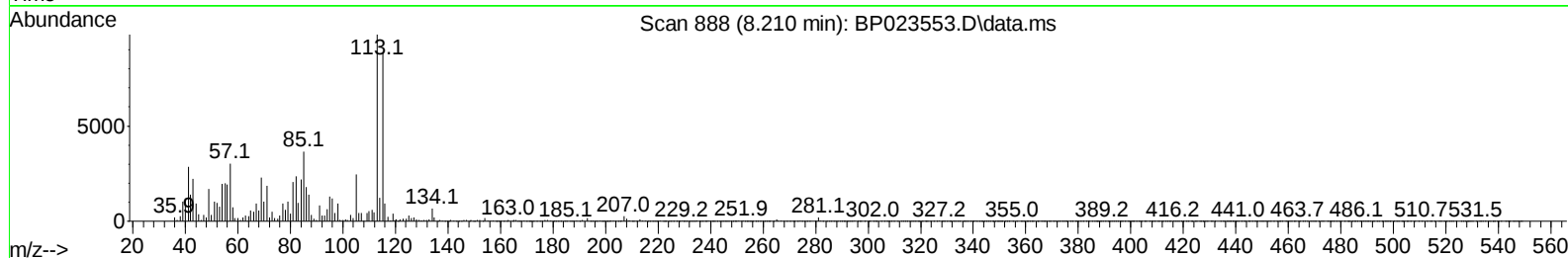
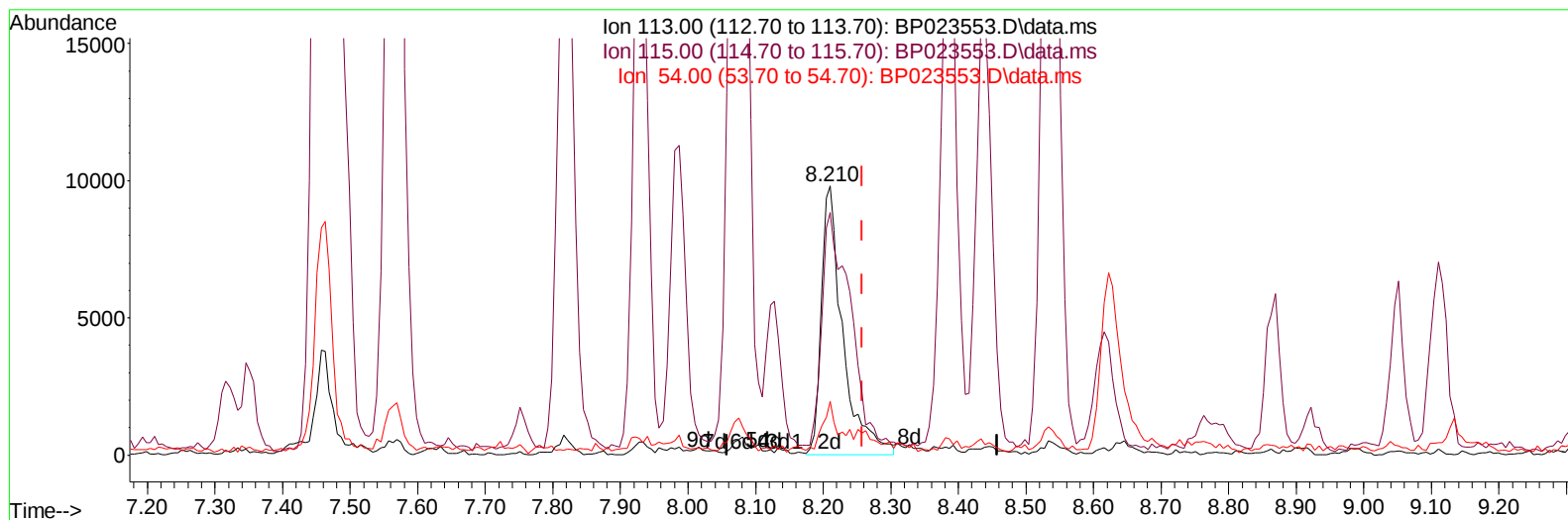
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
 Data File : BP023553.D  
 Acq On : 20 Dec 2024 12:28  
 Operator : RC/JU  
 Sample : P5265-18DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.210min (-0.048) 1.68 ng/u1 m

response 21628

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 87.60  | 90.21  |
| 54.00  | 16.60  | 19.90  |
| 0.00   | 0.00   | 0.00   |

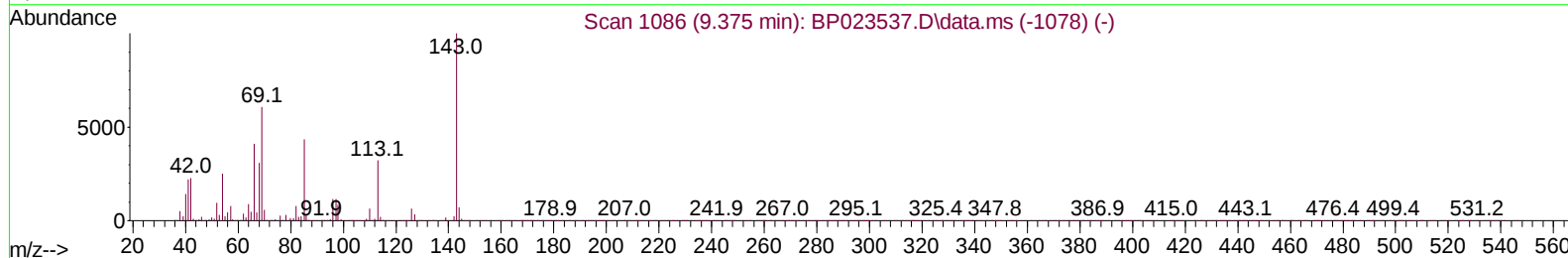
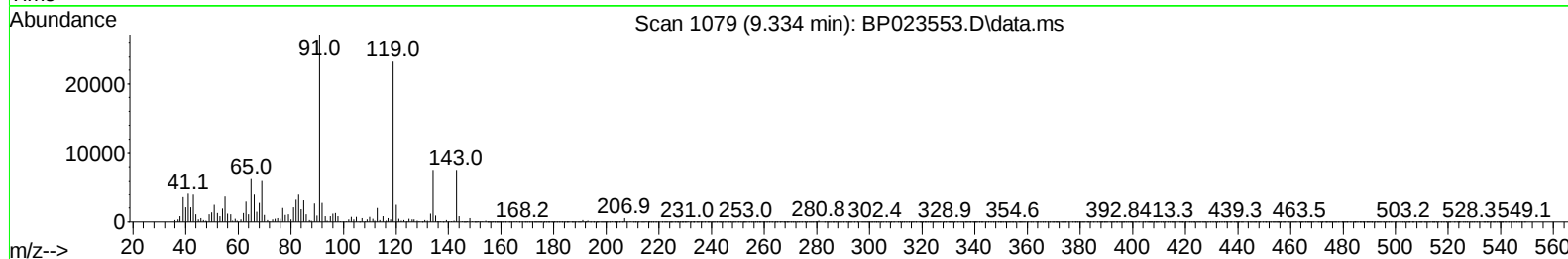
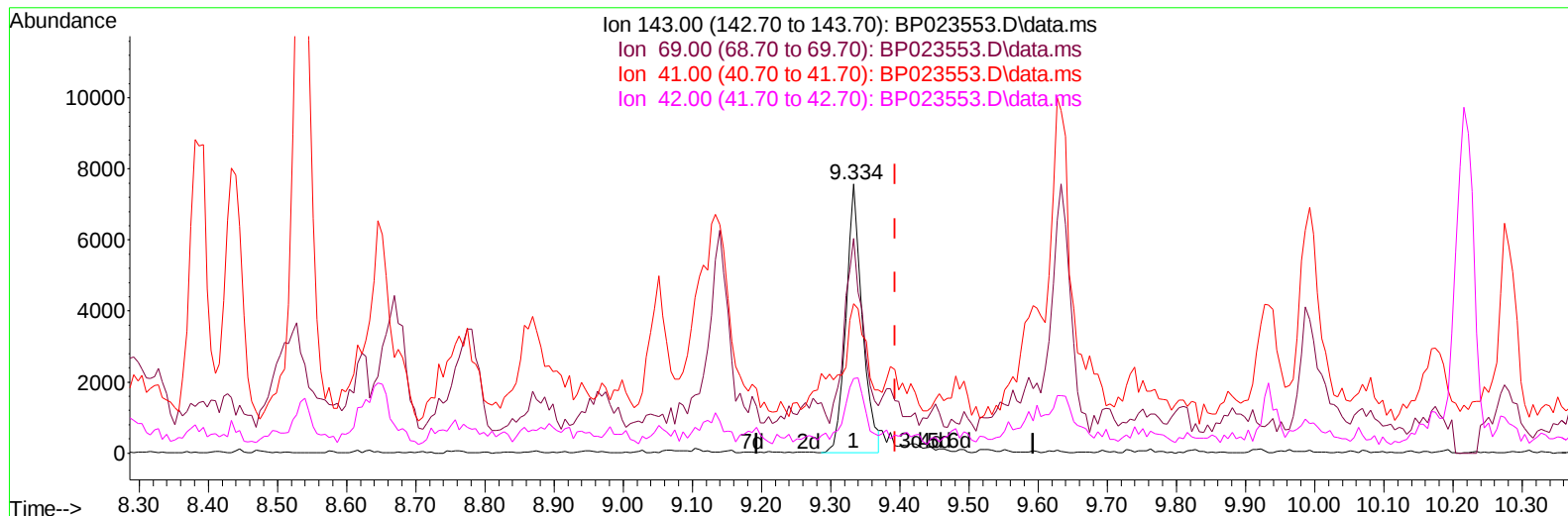
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Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.334min (-0.059) 1.83 ng/u1

response 12397

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 60.40  | 79.80# |
| 41.00  | 23.70  | 55.47# |
| 42.00  | 24.80  | 27.78  |

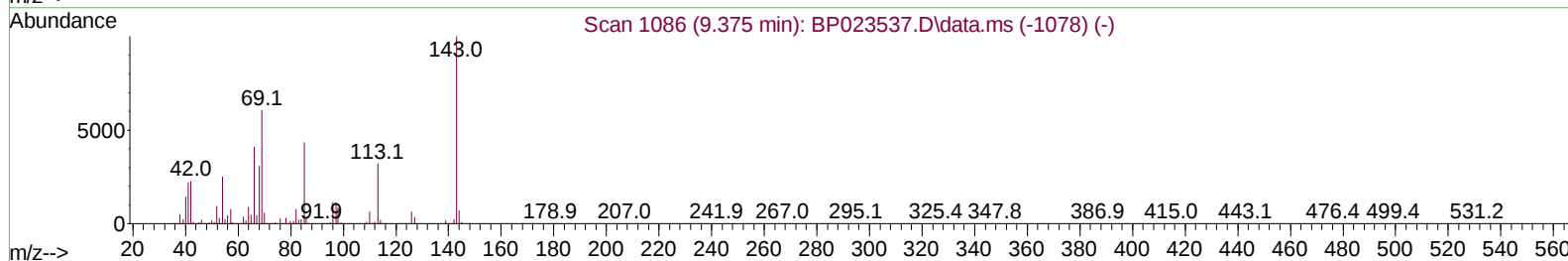
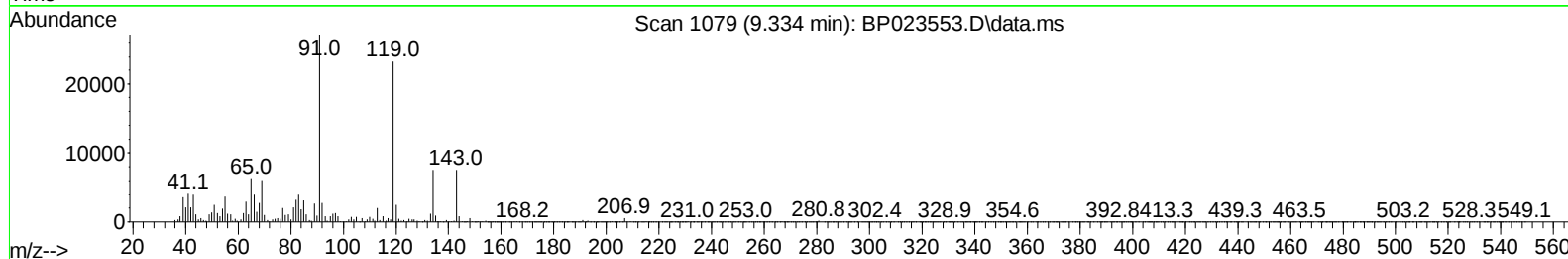
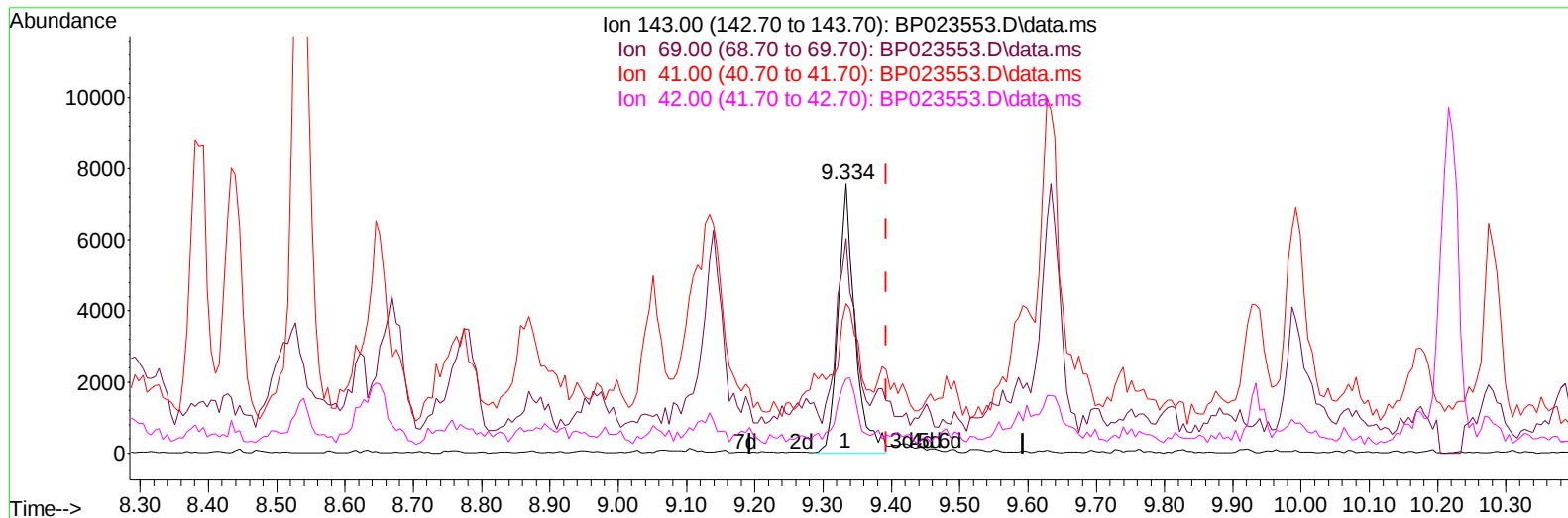
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Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.334min (-0.059) 1.93 ng/ul m

response 13073

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 69.00  | 60.40  | 79.80# |
| 41.00  | 23.70  | 55.47# |
| 42.00  | 24.80  | 27.78  |

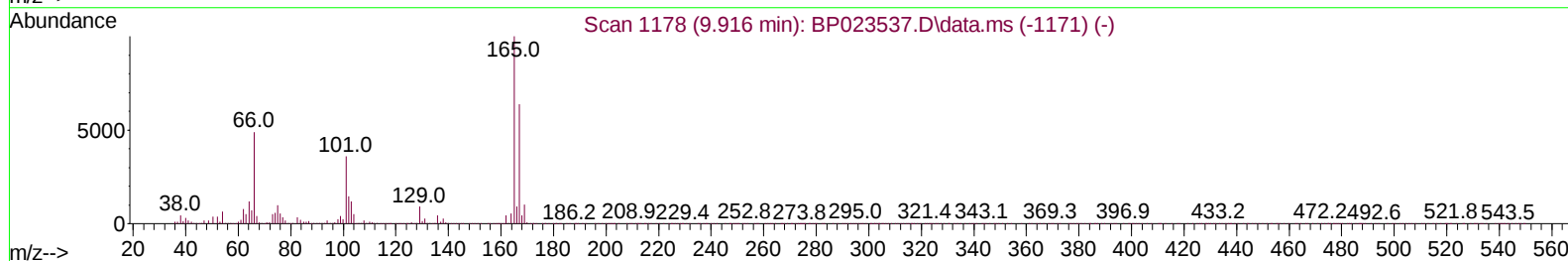
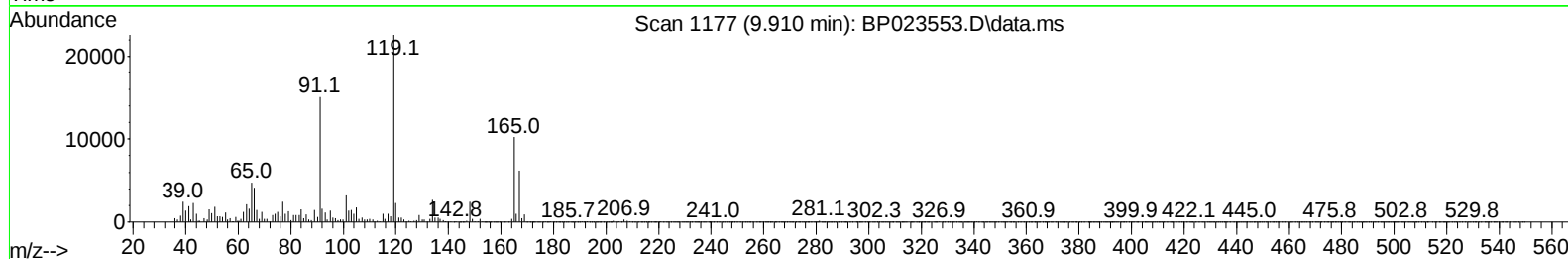
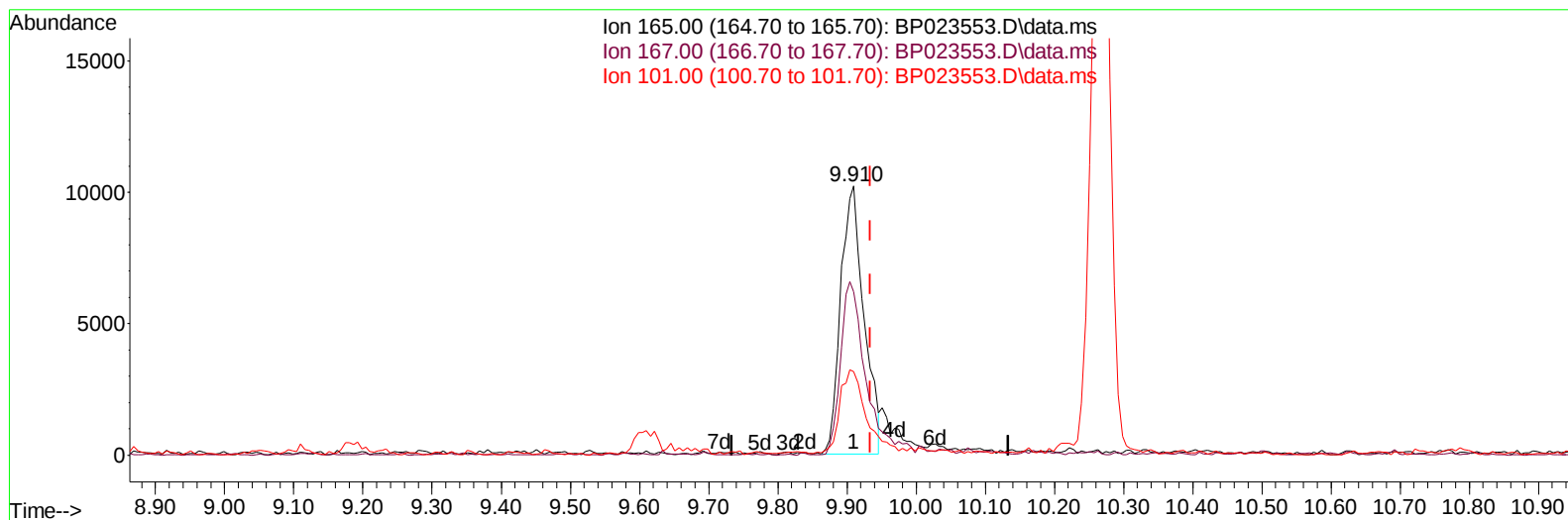
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
 Data File : BP023553.D  
 Acq On : 20 Dec 2024 12:28  
 Operator : RC/JU  
 Sample : P5265-18DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

9.910min (-0.024) 1.66 ng/u1

response 23760

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 62.00  | 60.68  |
| 101.00 | 34.30  | 31.11  |
| 0.00   | 0.00   | 0.00   |

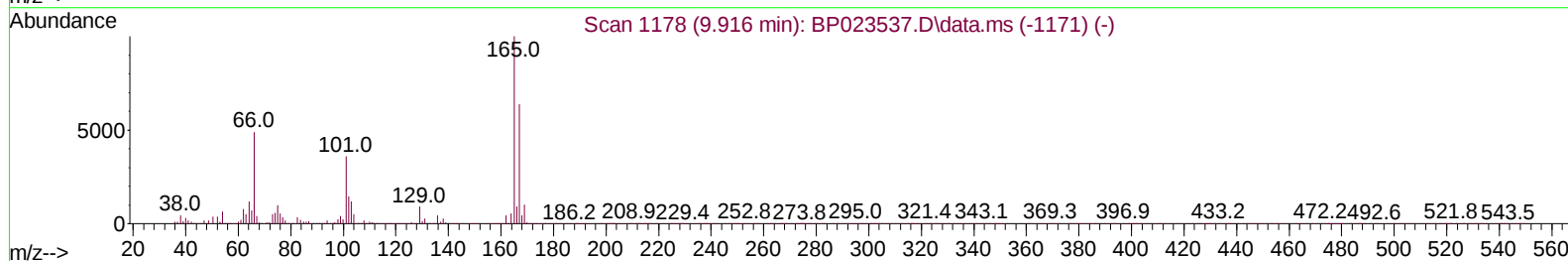
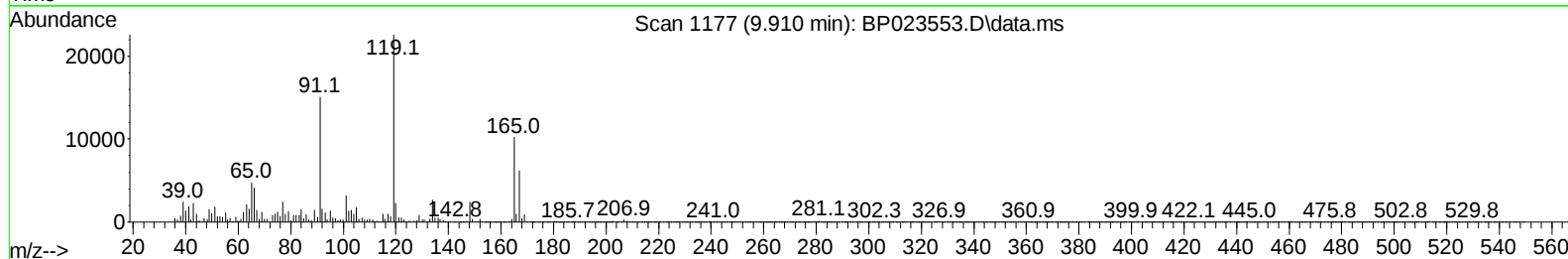
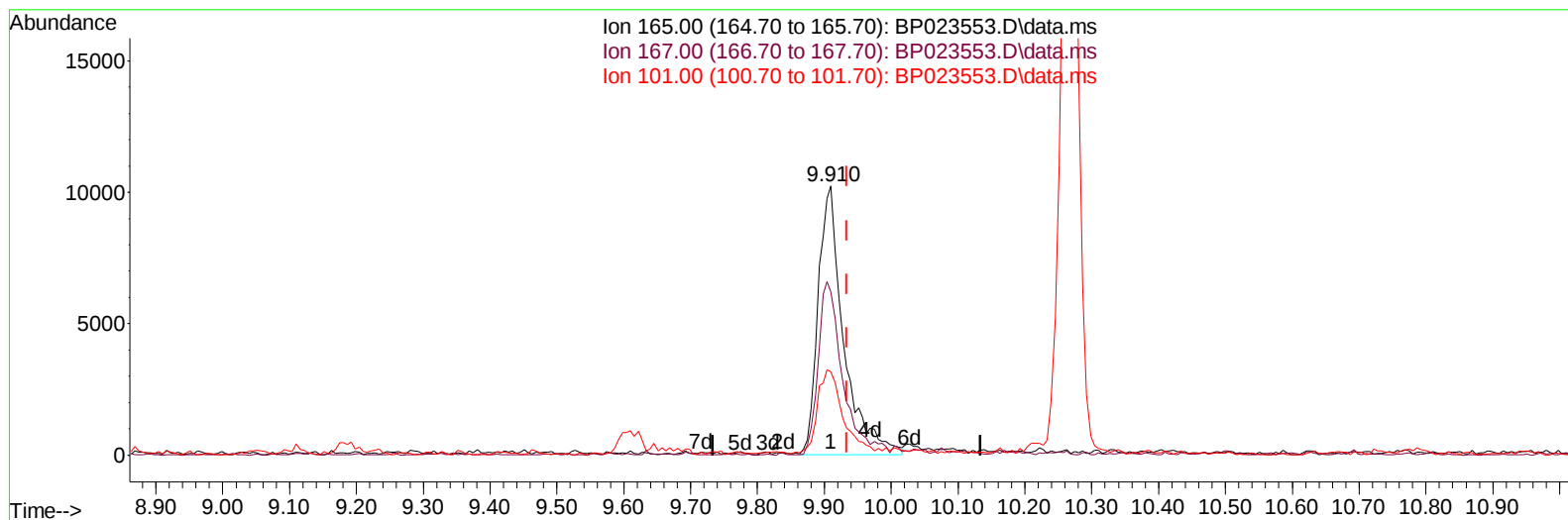
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Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

9.910min (-0.024) 1.89 ng/ul m

response 26967

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 62.00  | 60.68  |
| 101.00 | 34.30  | 31.11  |
| 0.00   | 0.00   | 0.00   |

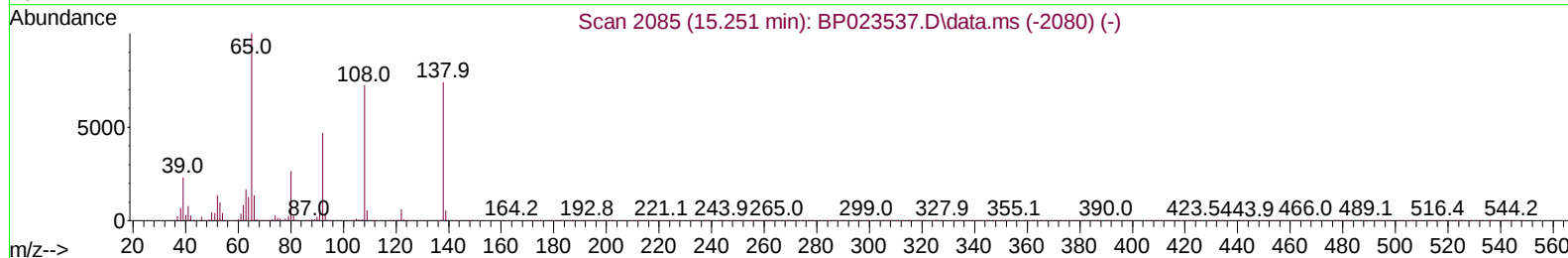
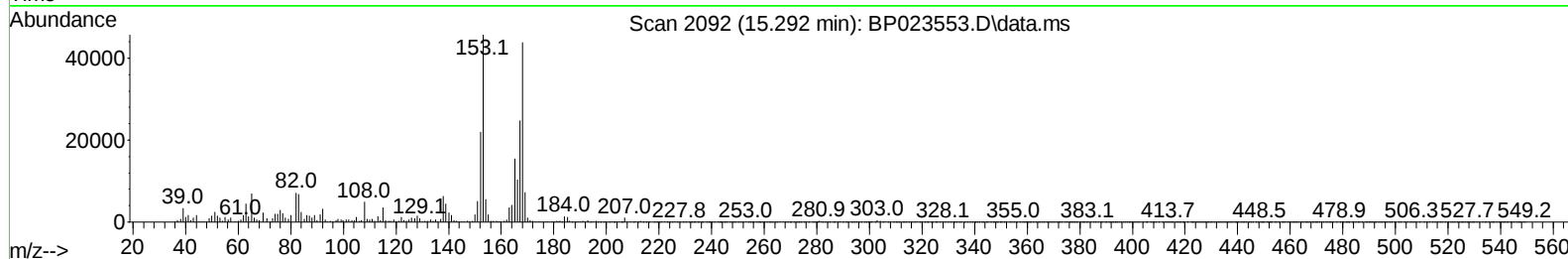
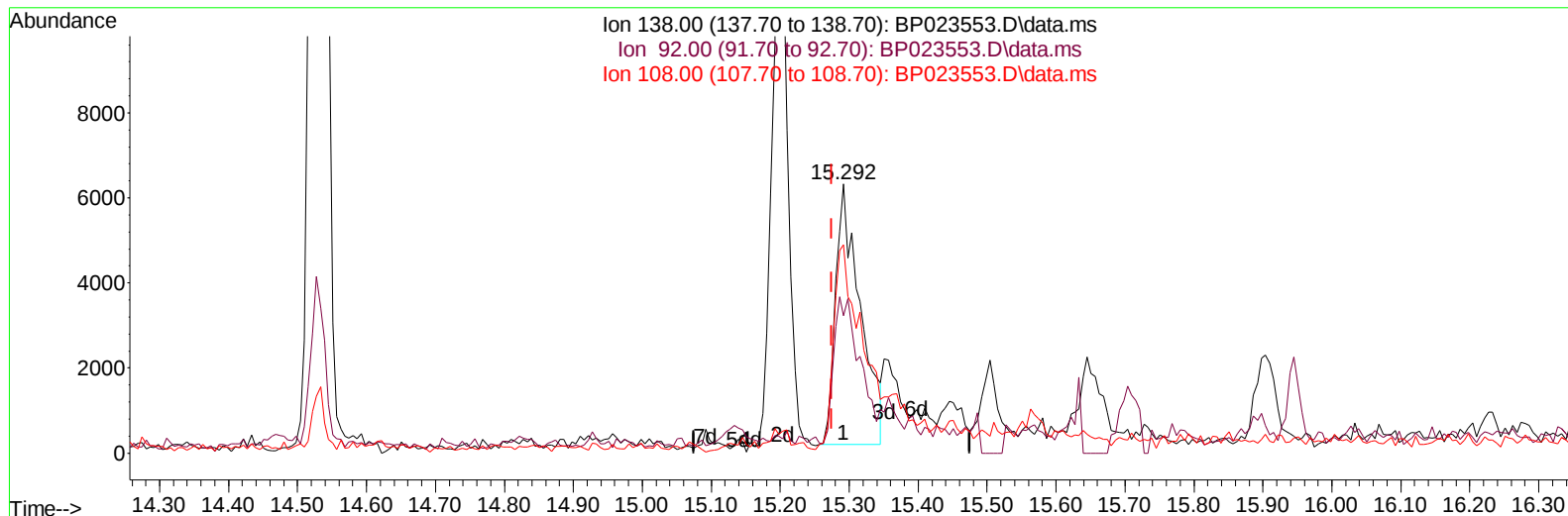
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Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 00:23:36 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

**(63) 4-Nitroaniline**

**15.292min (+ 0.017) 2.39 ng/ul**

**response 15199**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 66.20  | 51.08# |
| 108.00 | 120.20 | 77.57# |
| 0.00   | 0.00   | 0.00   |

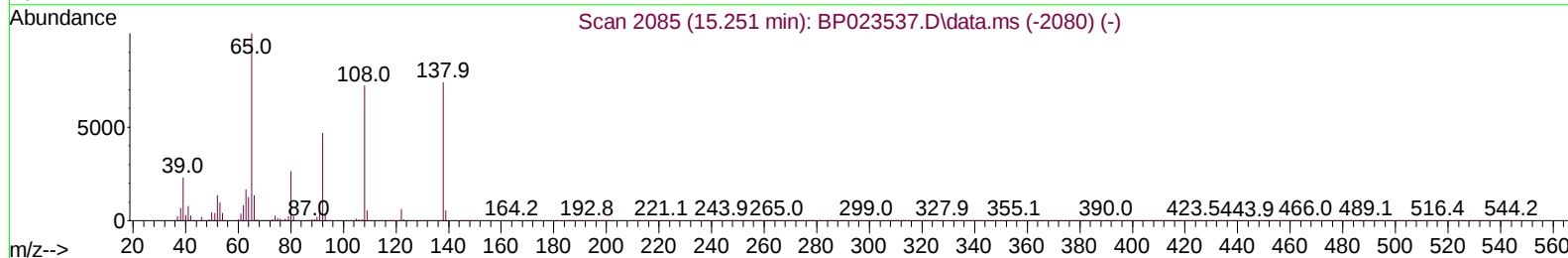
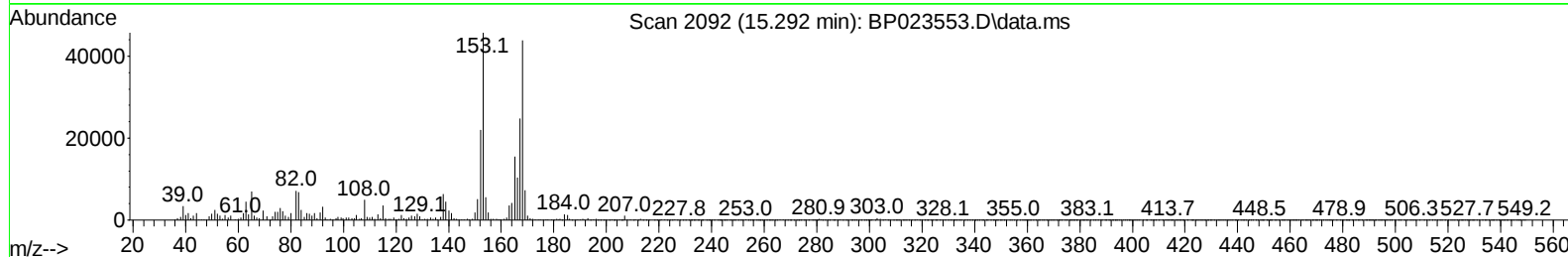
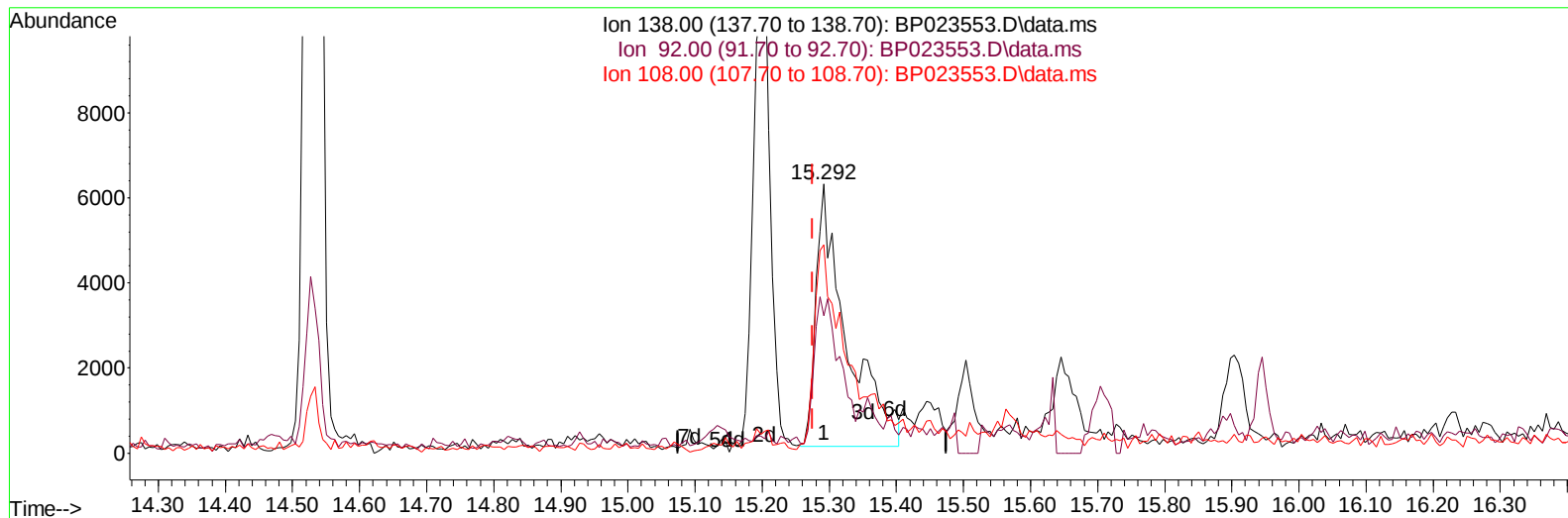
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 00:23:36 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(63) 4-Nitroaniline

15.292min (+ 0.017) 3.11 ng/ul m

response 19747

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 66.20  | 51.08# |
| 108.00 | 120.20 | 77.57# |
| 0.00   | 0.00   | 0.00   |

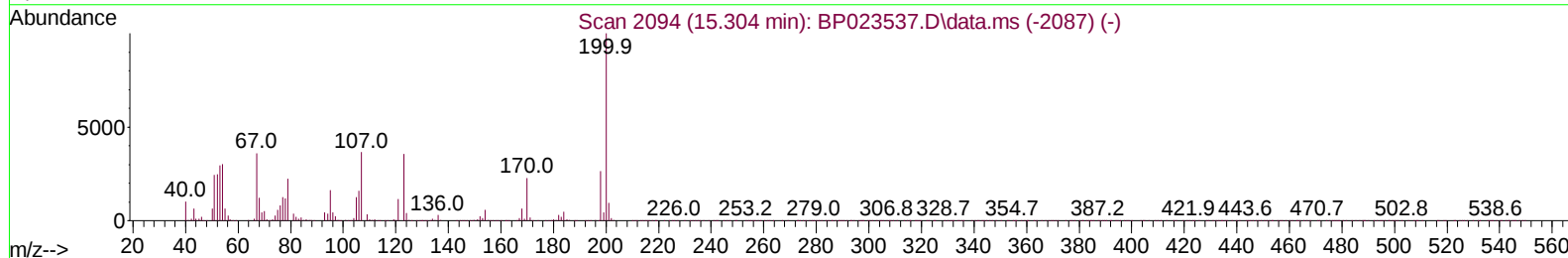
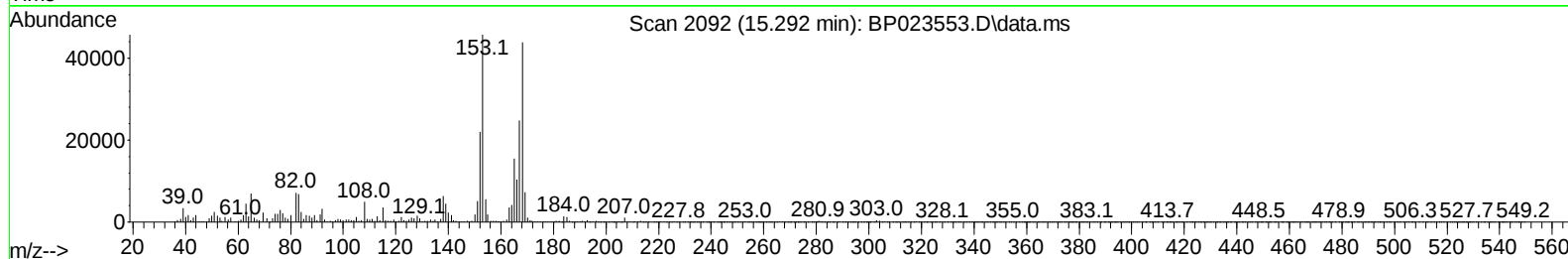
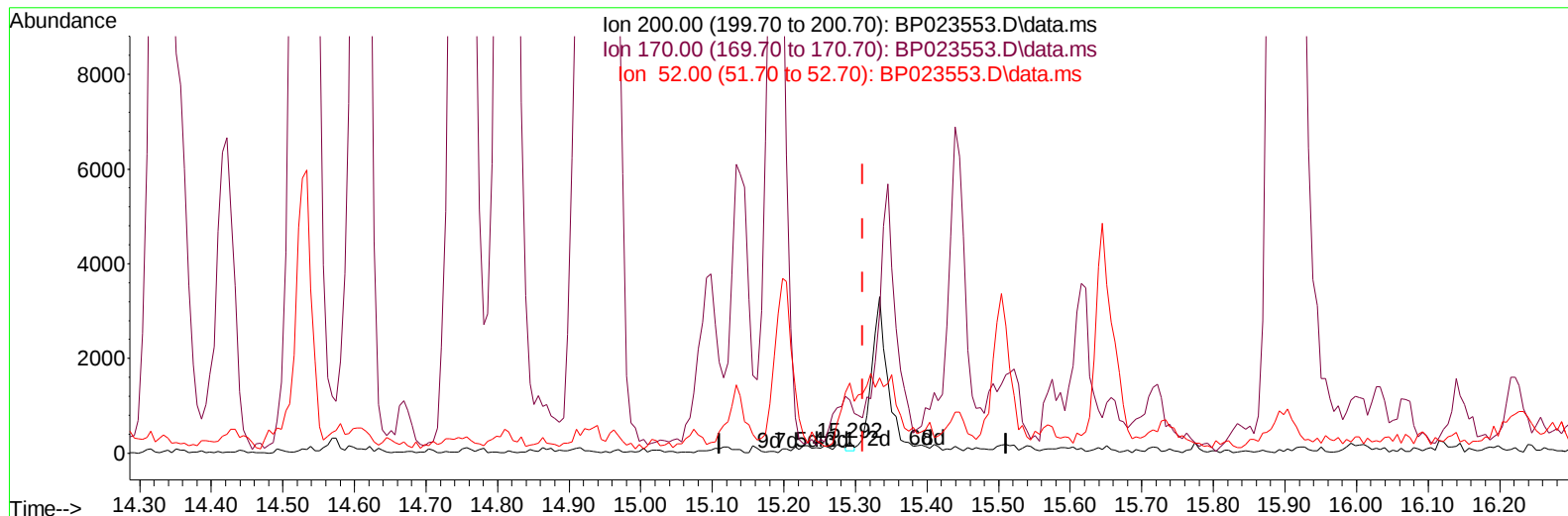
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

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

15.292min (-0.018) 0.01 ng/u1

response 94

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 200.00 | 100.00 | 100.00  |
| 170.00 | 23.30  | 480.17# |
| 52.00  | 37.90  | 641.38# |
| 0.00   | 0.00   | 0.00    |

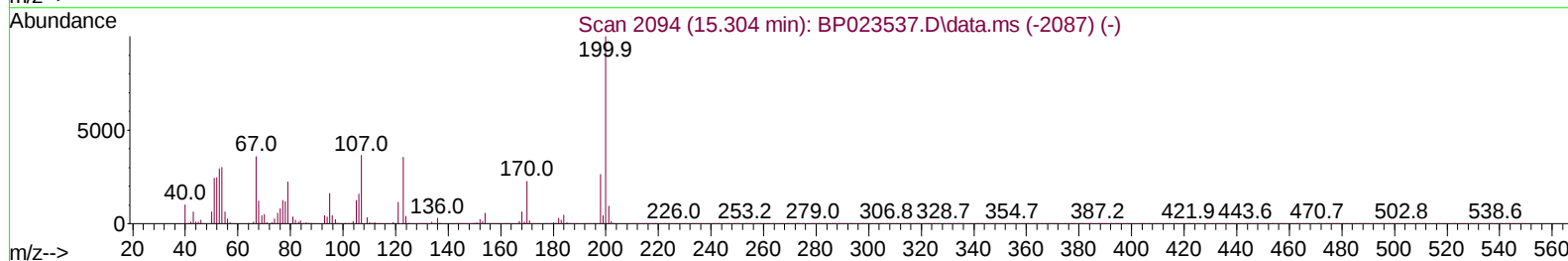
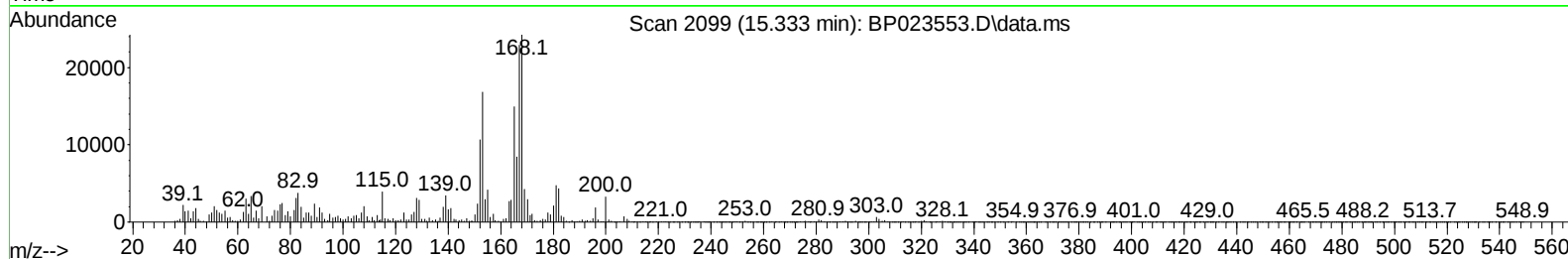
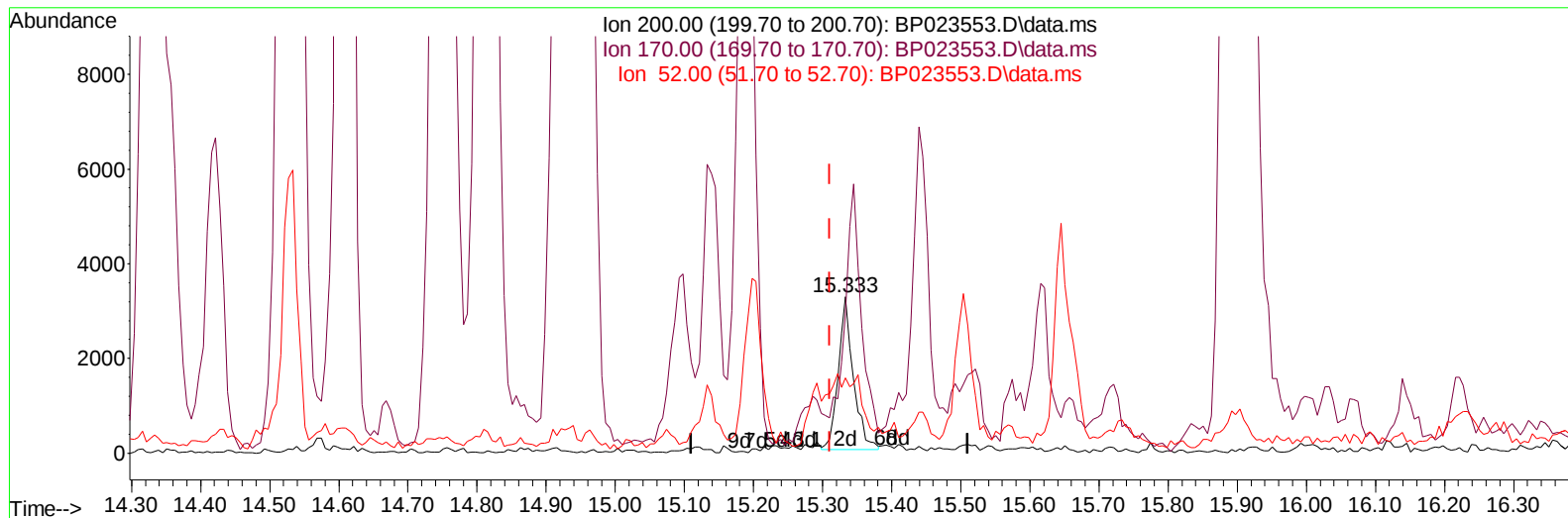
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

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

15.333min (+ 0.023) 0.64 ng/ul m

response 4882

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 23.30  | 89.33# |
| 52.00  | 37.90  | 48.14# |
| 0.00   | 0.00   | 0.00   |

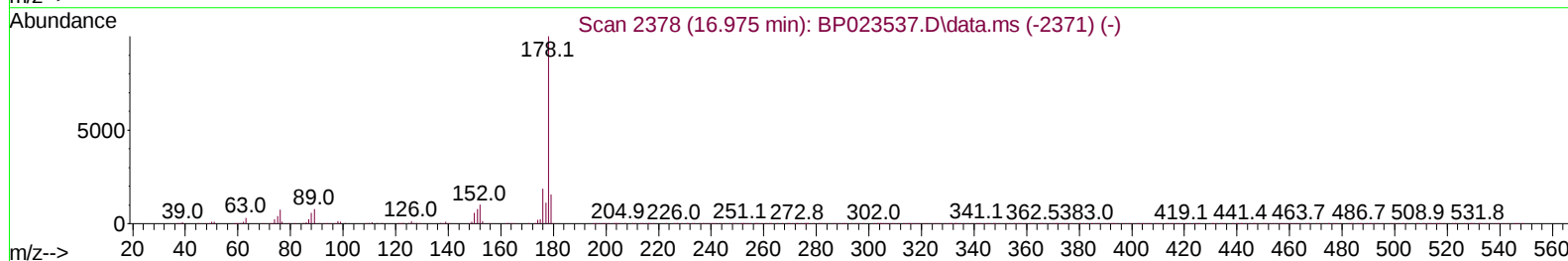
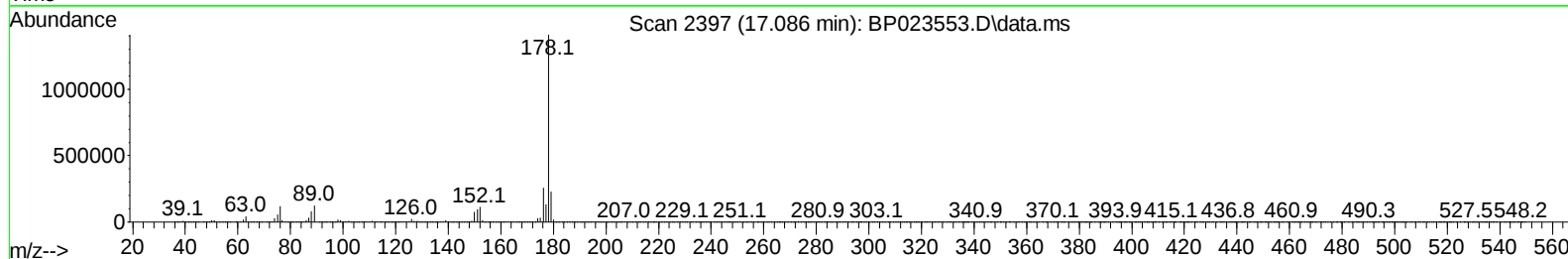
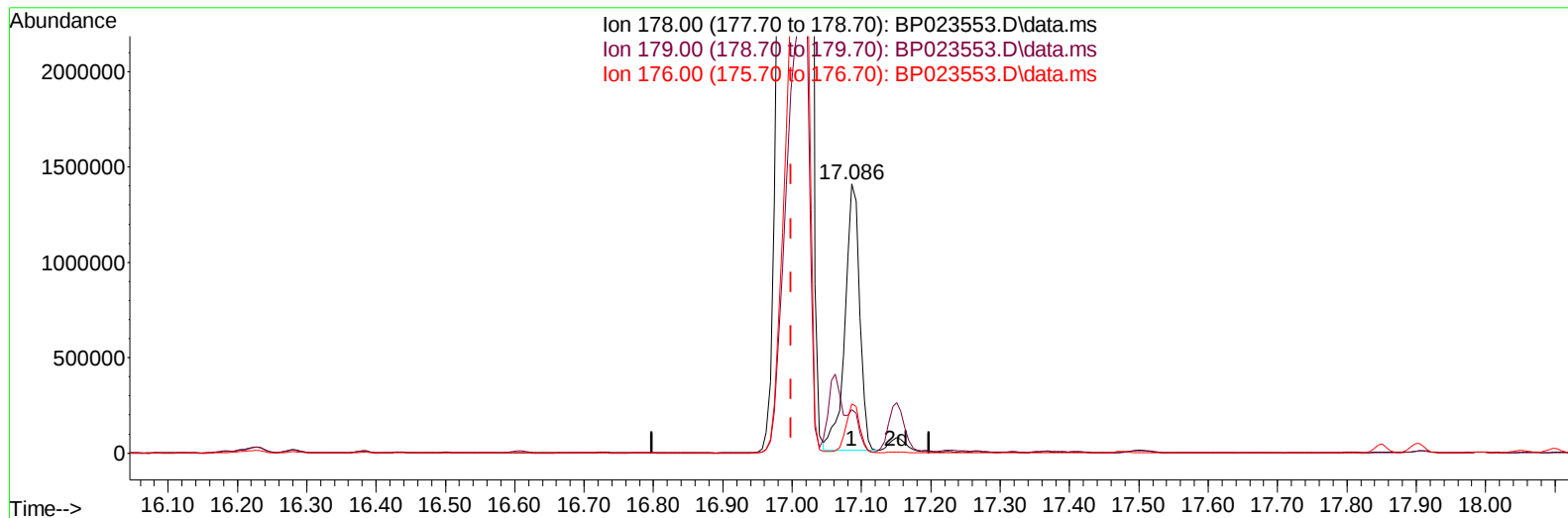
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:31:07 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(72) Phenanthrene

17.086min (+ 0.088) 31.33 ng/u1

response 2040018

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.10  | 16.12  |
| 176.00 | 19.20  | 18.38  |
| 0.00   | 0.00   | 0.00   |

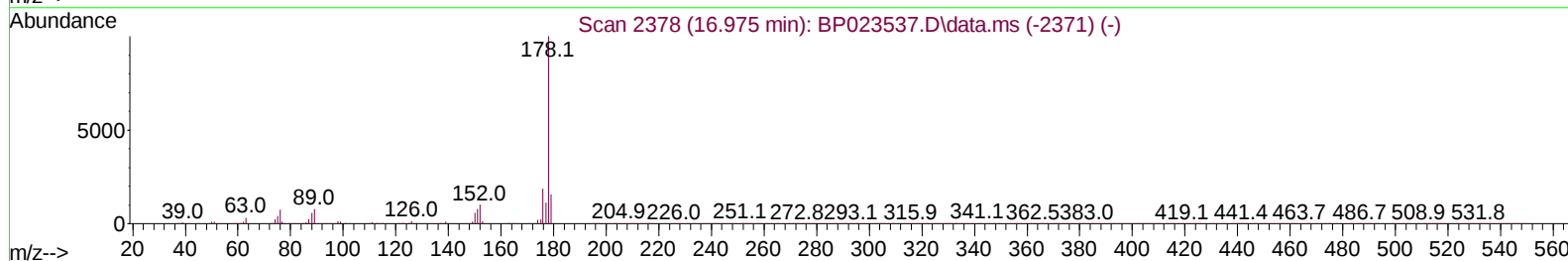
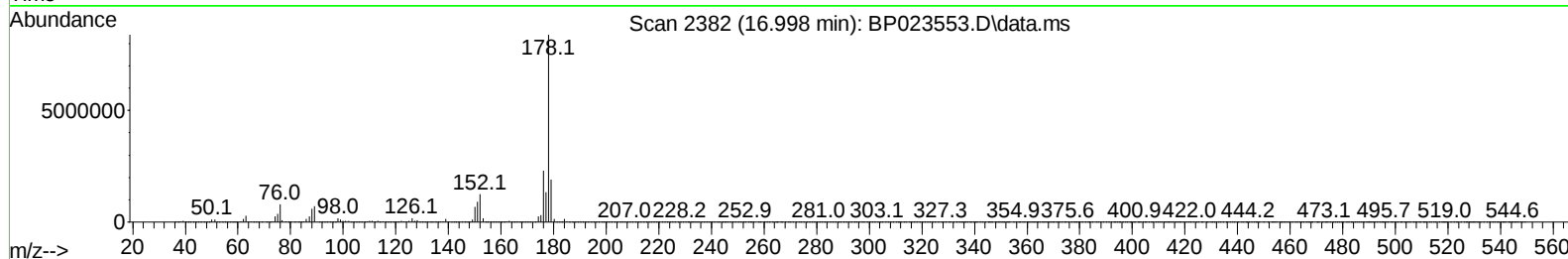
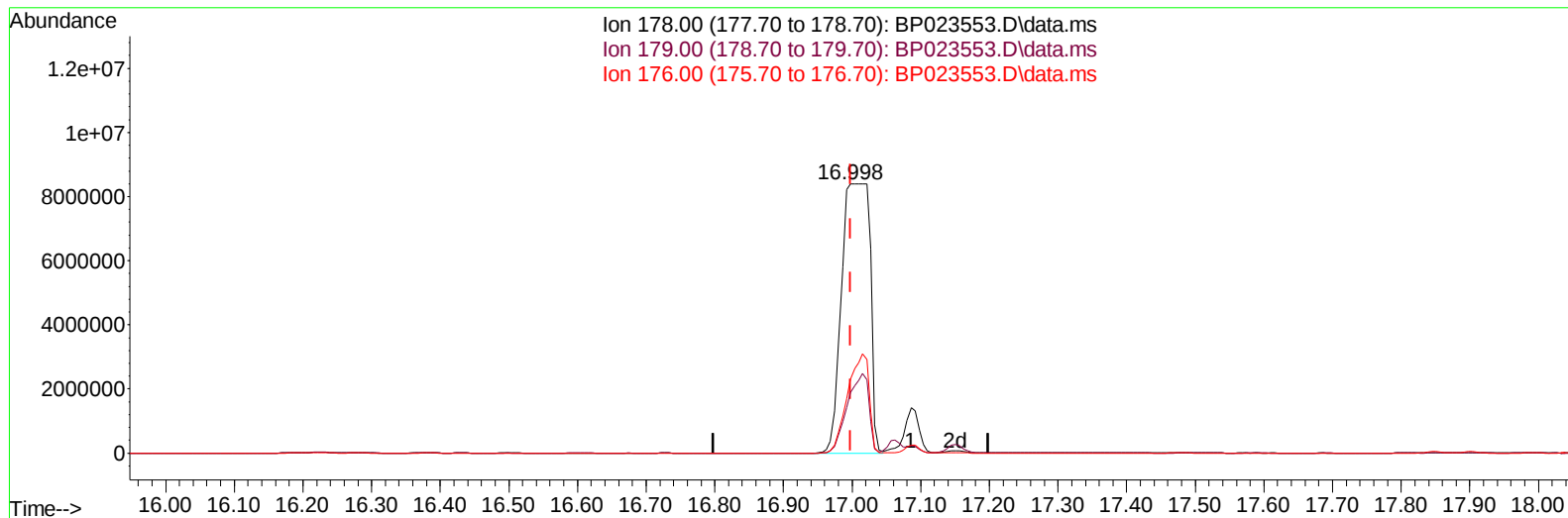
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
 Data File : BP023553.D  
 Acq On : 20 Dec 2024 12:28  
 Operator : RC/JU  
 Sample : P5265-18DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:42:32 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 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(72) Phenanthrene

16.998min (-0.000) 371.81 ng/ul m

response 24211647

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.10  | 22.59# |
| 176.00 | 19.20  | 27.48# |
| 0.00   | 0.00   | 0.00   |

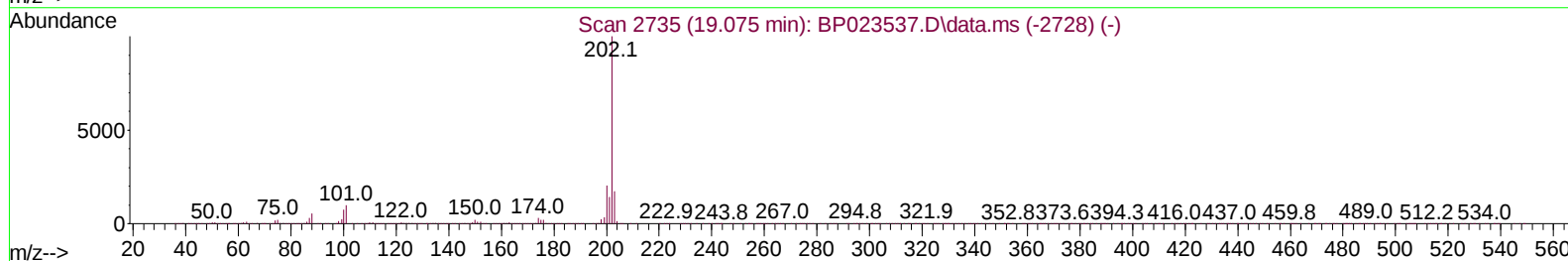
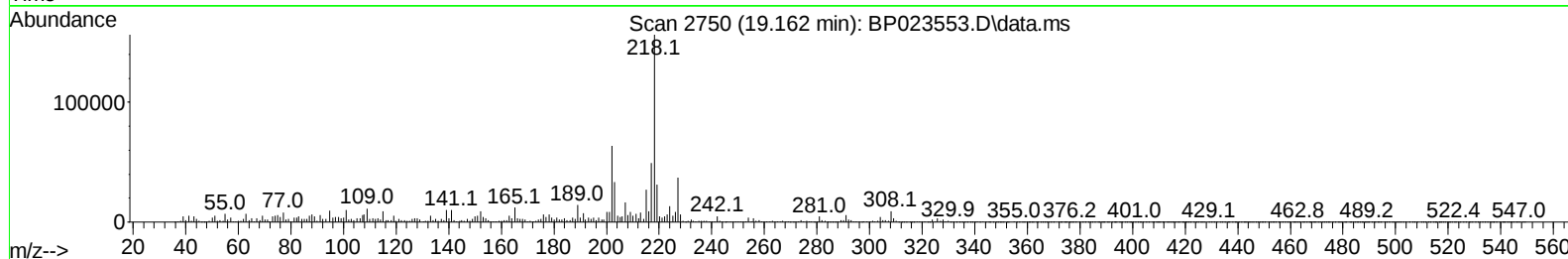
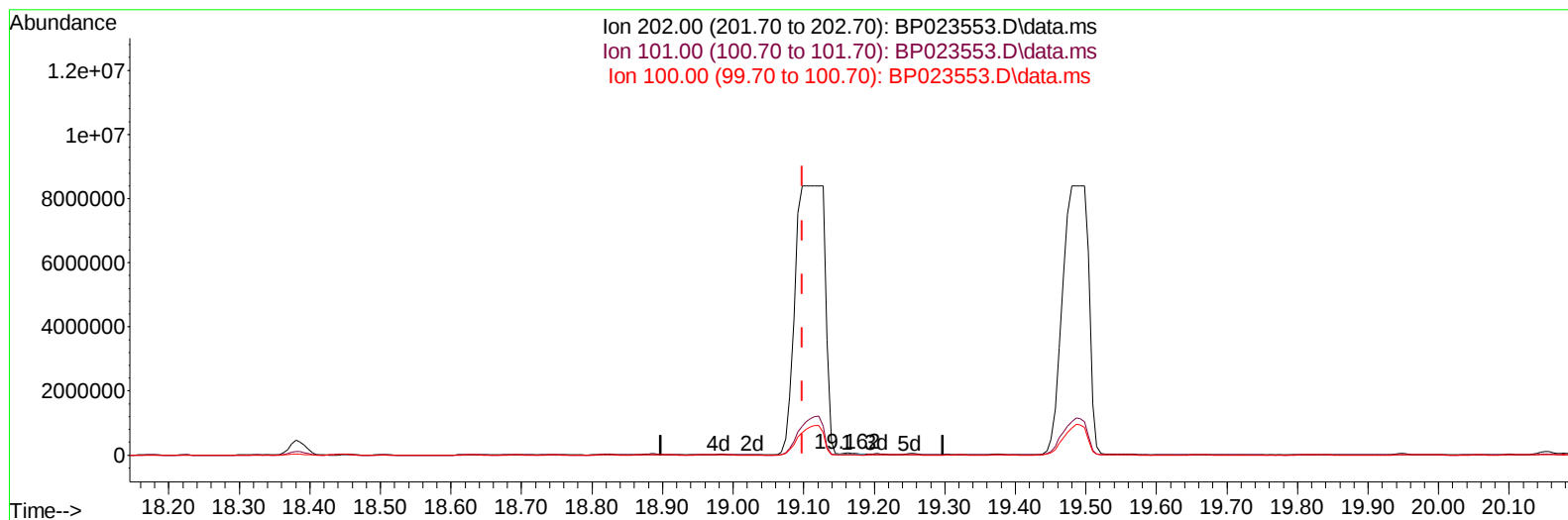
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:42:32 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

**(80) Fluoranthene**

**19.162min (+ 0.064) 0.56 ng/u1**

**response 43122**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 7.00   | 16.24# |
| 100.00 | 5.80   | 5.56   |
| 0.00   | 0.00   | 0.00   |

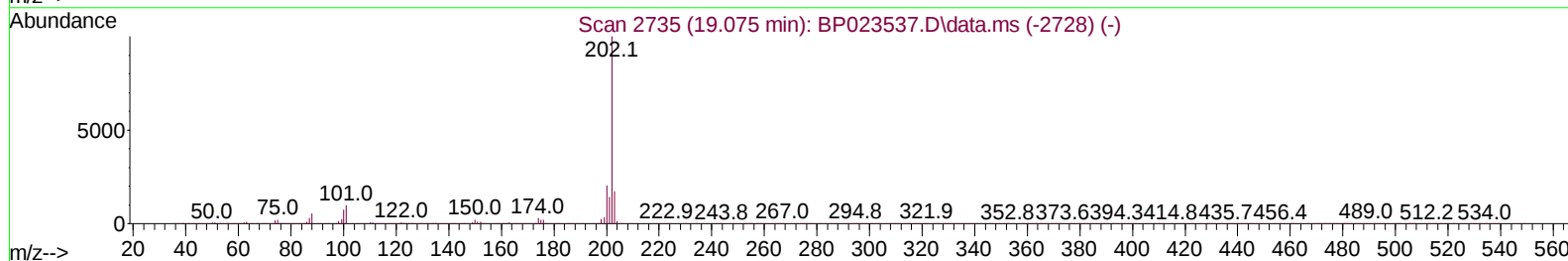
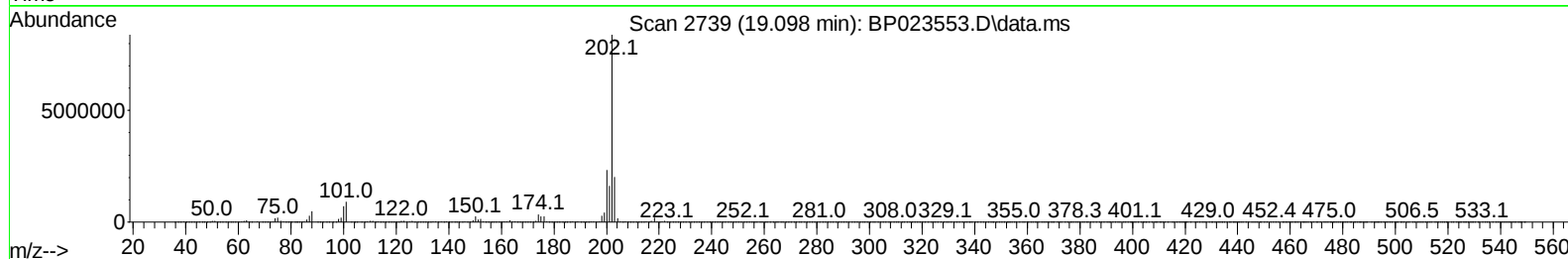
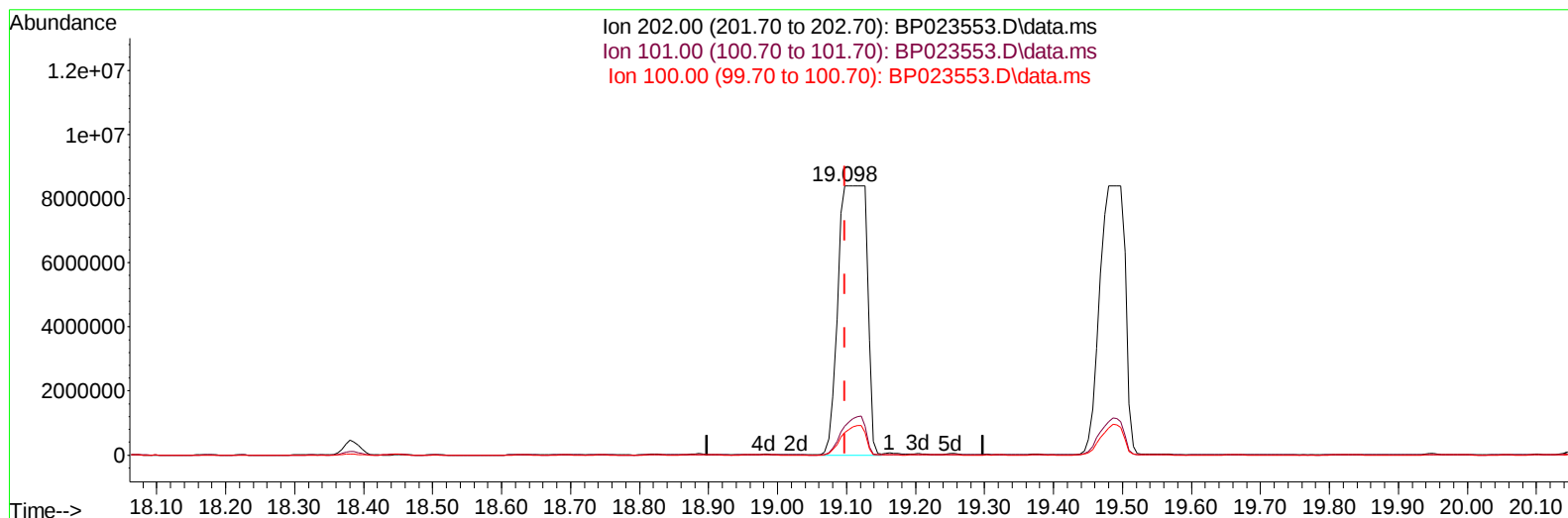
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
 Data File : BP023553.D  
 Acq On : 20 Dec 2024 12:28  
 Operator : RC/JU  
 Sample : P5265-18DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:42:32 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 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

**(80) Fluoranthene**

**19.098min (-0.000) 313.82 ng/ul m**

**response 24221106**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 7.00   | 10.70# |
| 100.00 | 5.80   | 8.32#  |
| 0.00   | 0.00   | 0.00   |

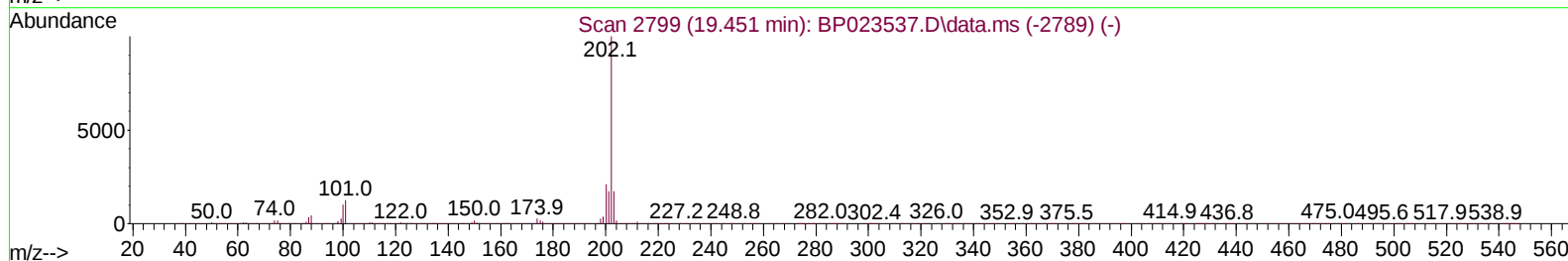
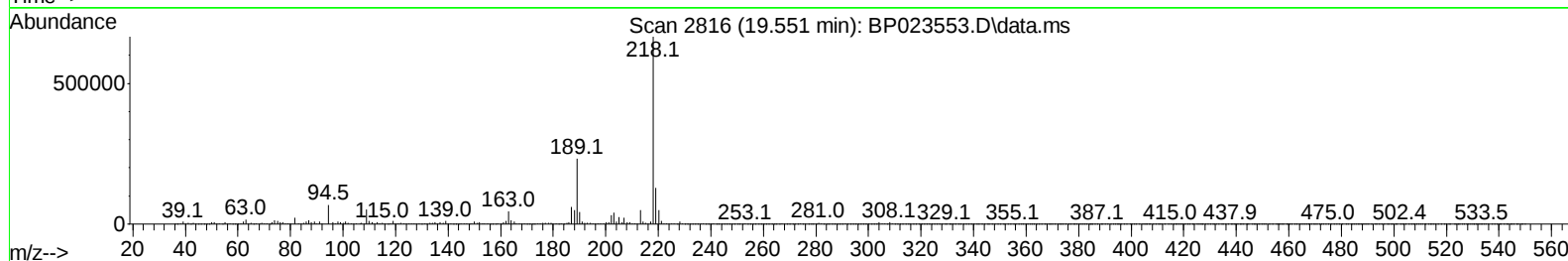
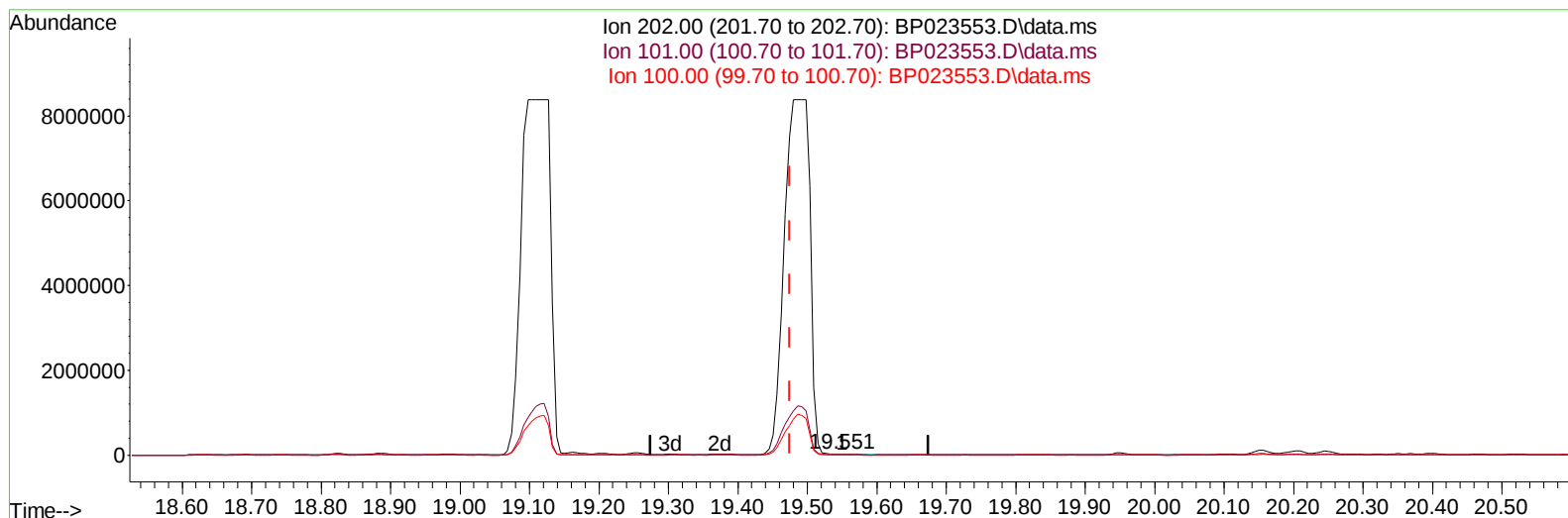
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:42:32 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(82) Pyrene

19.551min (+ 0.076) 0.55 ng/u1

response 44745

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 8.40   | 30.45# |
| 100.00 | 7.30   | 15.90# |
| 0.00   | 0.00   | 0.00   |

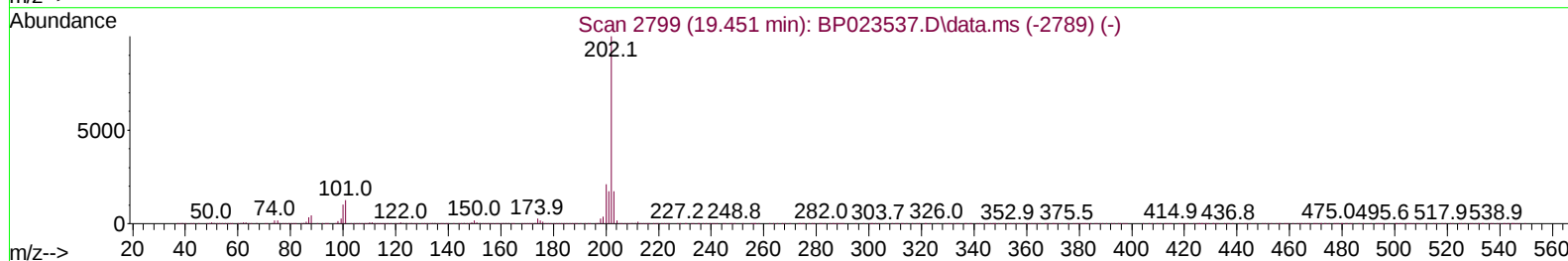
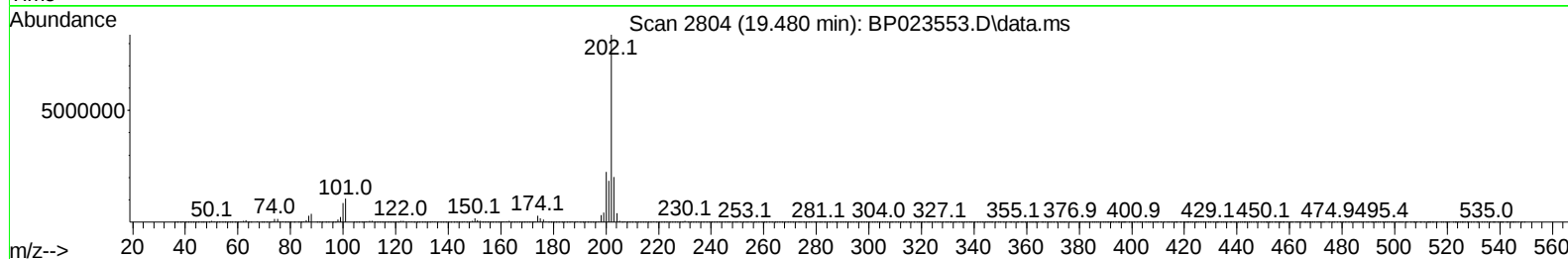
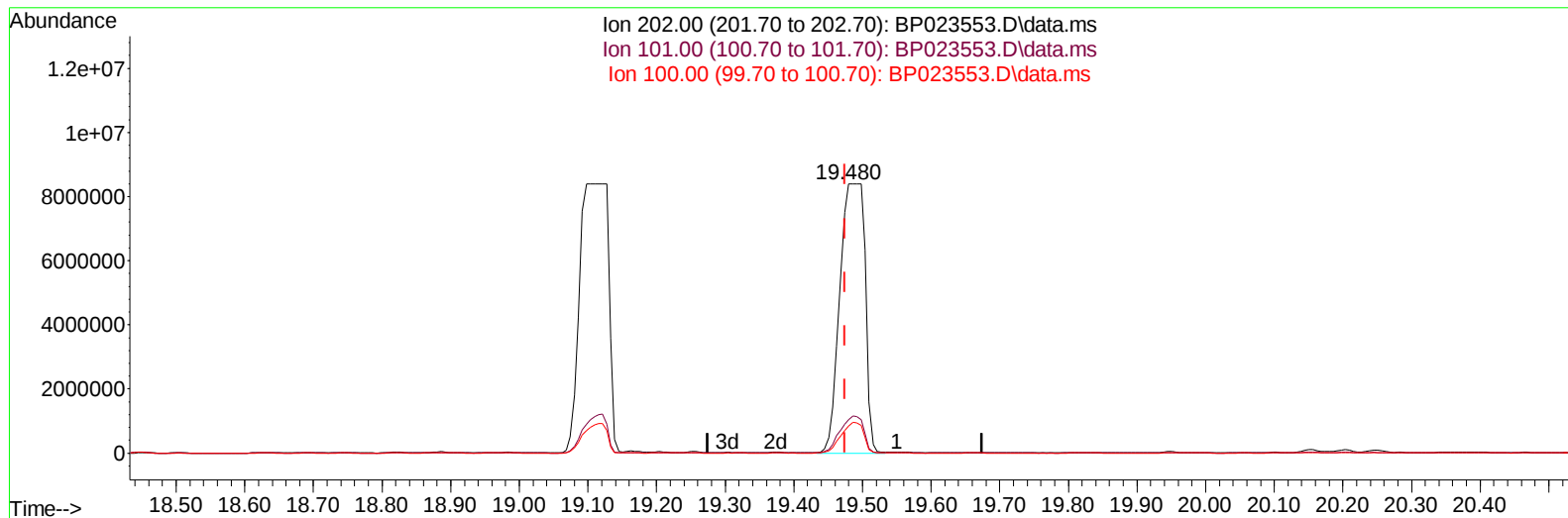
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 23:42:32 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



TIC: BP023553.D\data.ms

## (82) Pyrene

19.480min (+ 0.005) 260.51 ng/u1 m

response 21336266

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 8.40   | 12.39# |
| 100.00 | 7.30   | 10.09# |
| 0.00   | 0.00   | 0.00   |

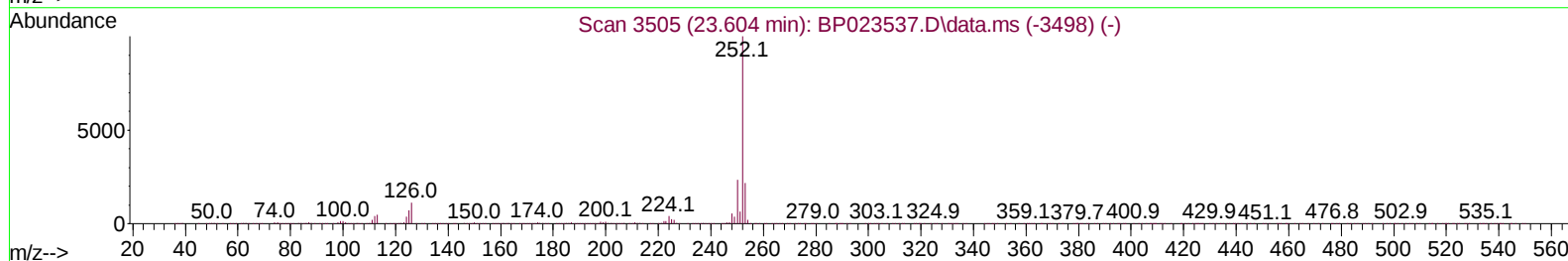
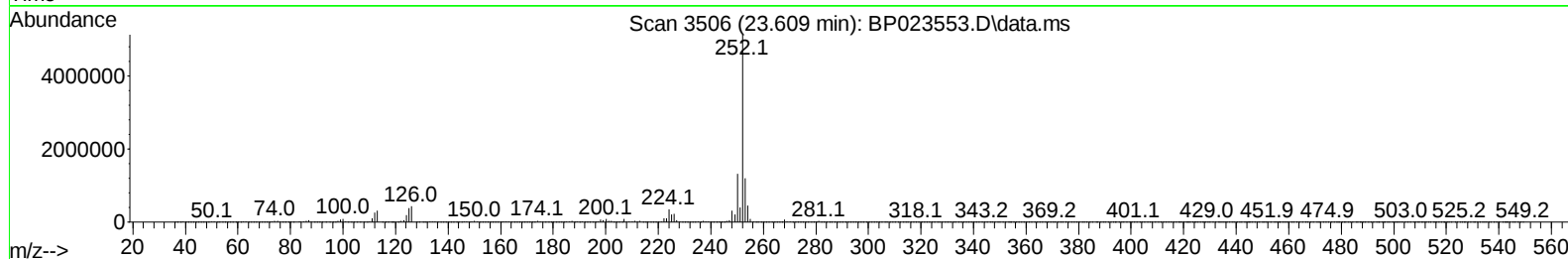
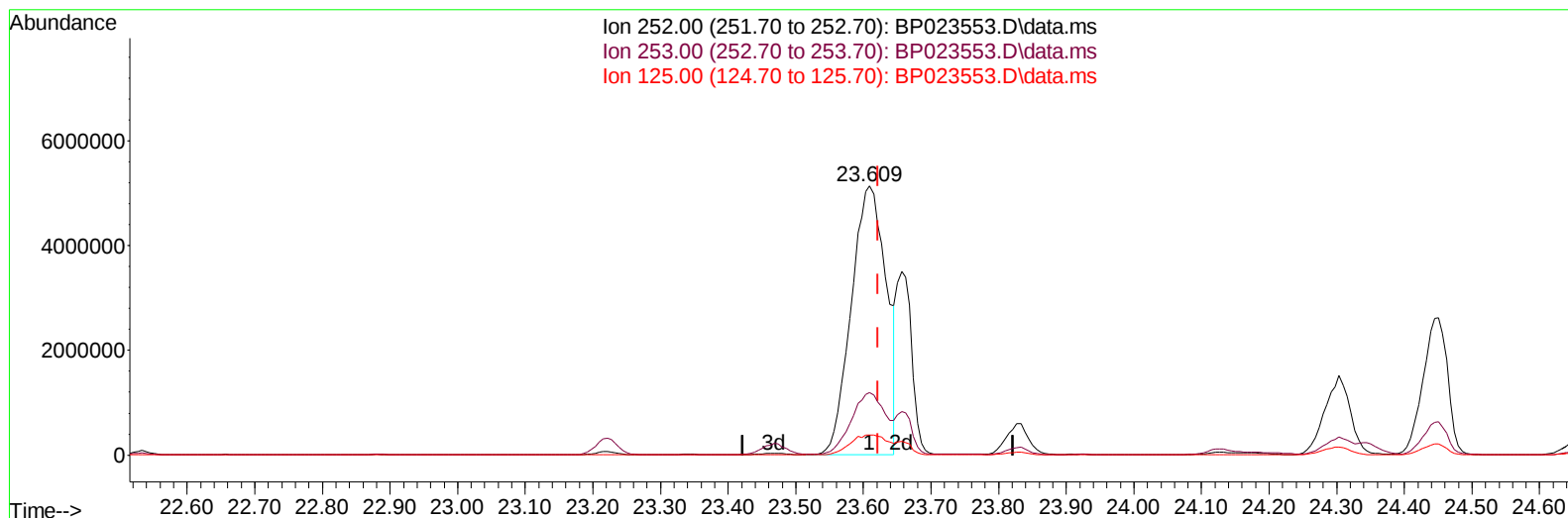
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 23:42:32 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



TIC: BP023553.D\data.ms

## (91) Benzo(k)fluoranthene

23.609min (-0.012) 203.32 ng/u1

response 18417067

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.90  | 23.28  |
| 125.00 | 5.40   | 7.51#  |
| 0.00   | 0.00   | 0.00   |

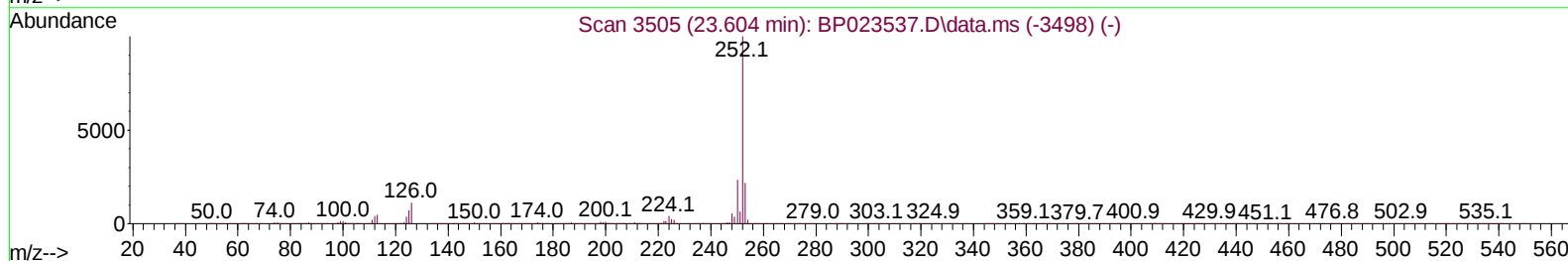
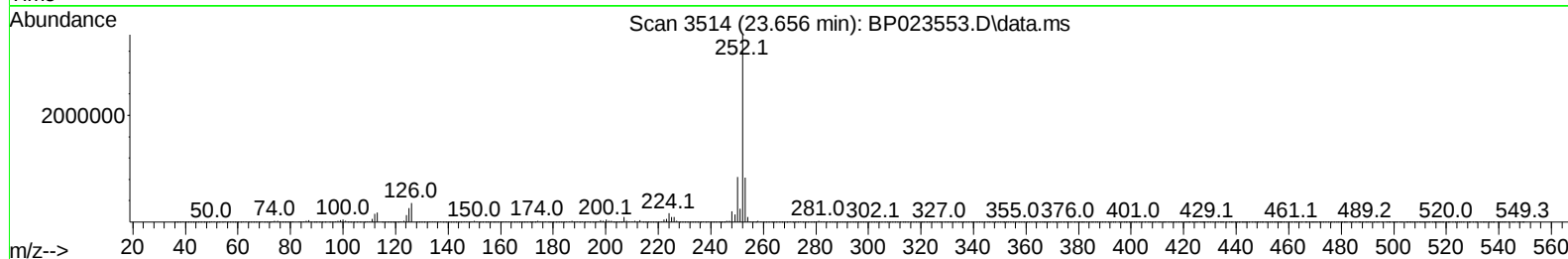
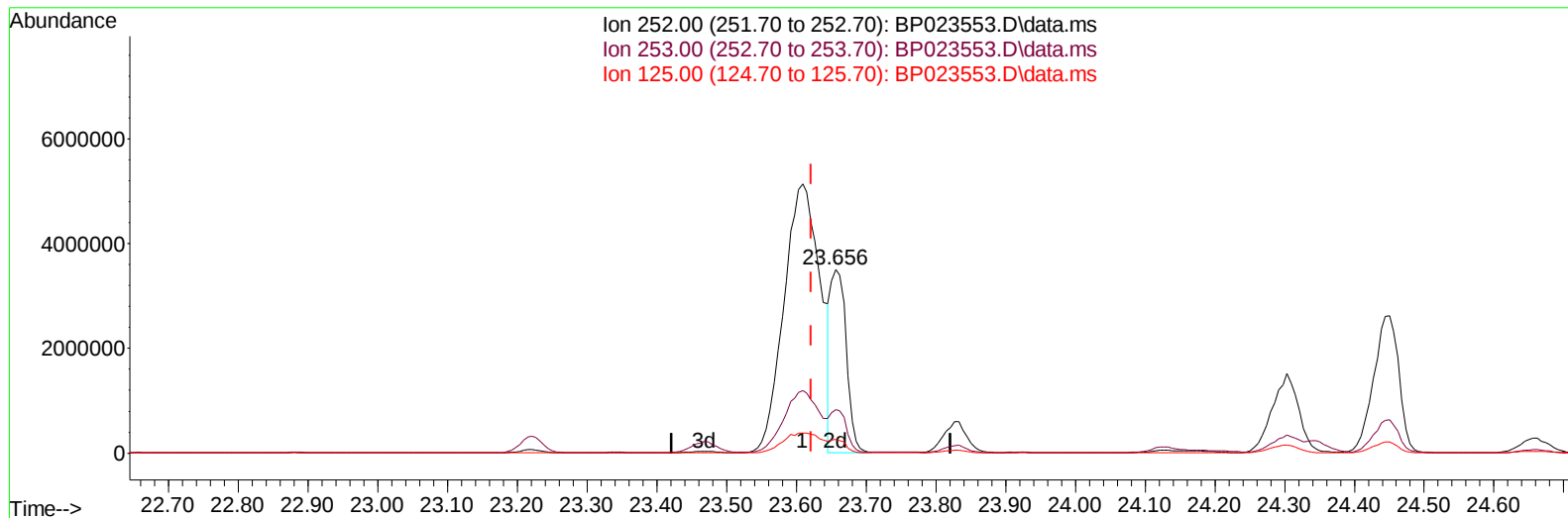
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 20 23:42:32 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



TIC: BP023553.D\data.ms

## (91) Benzo(k)fluoranthene

23.656min (+ 0.035) 60.09 ng/ul m

response 5442870

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.90  | 23.71  |
| 125.00 | 5.40   | 7.39#  |
| 0.00   | 0.00   | 0.00   |

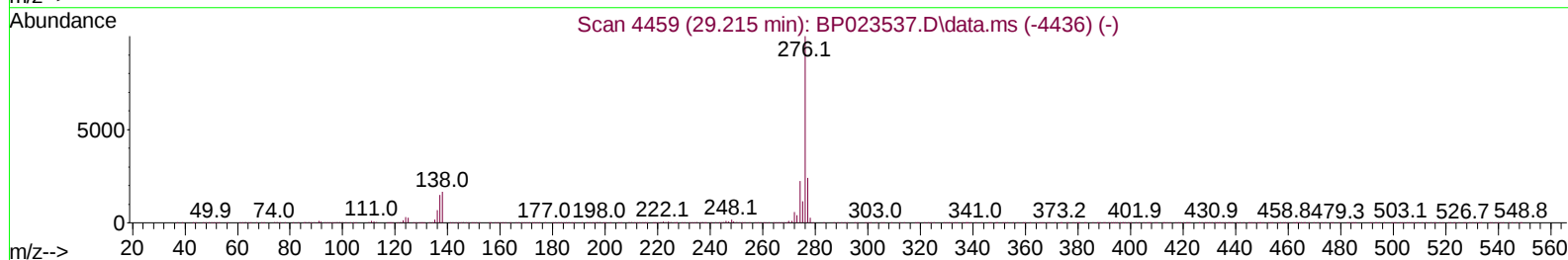
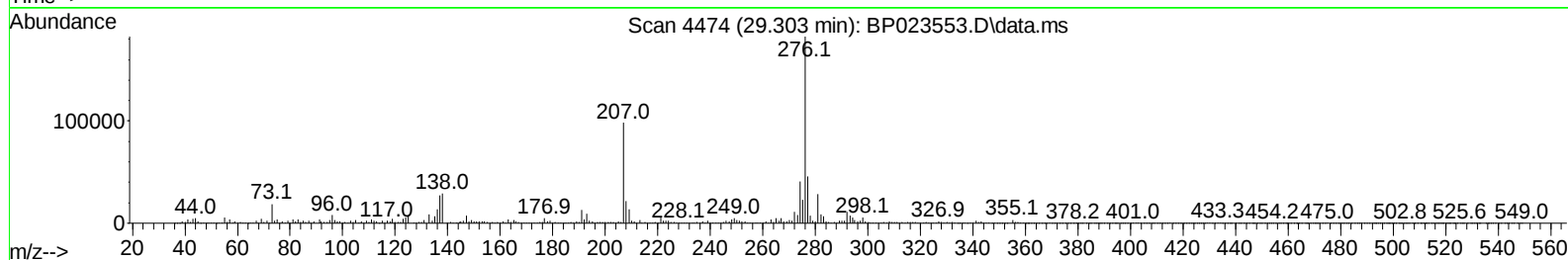
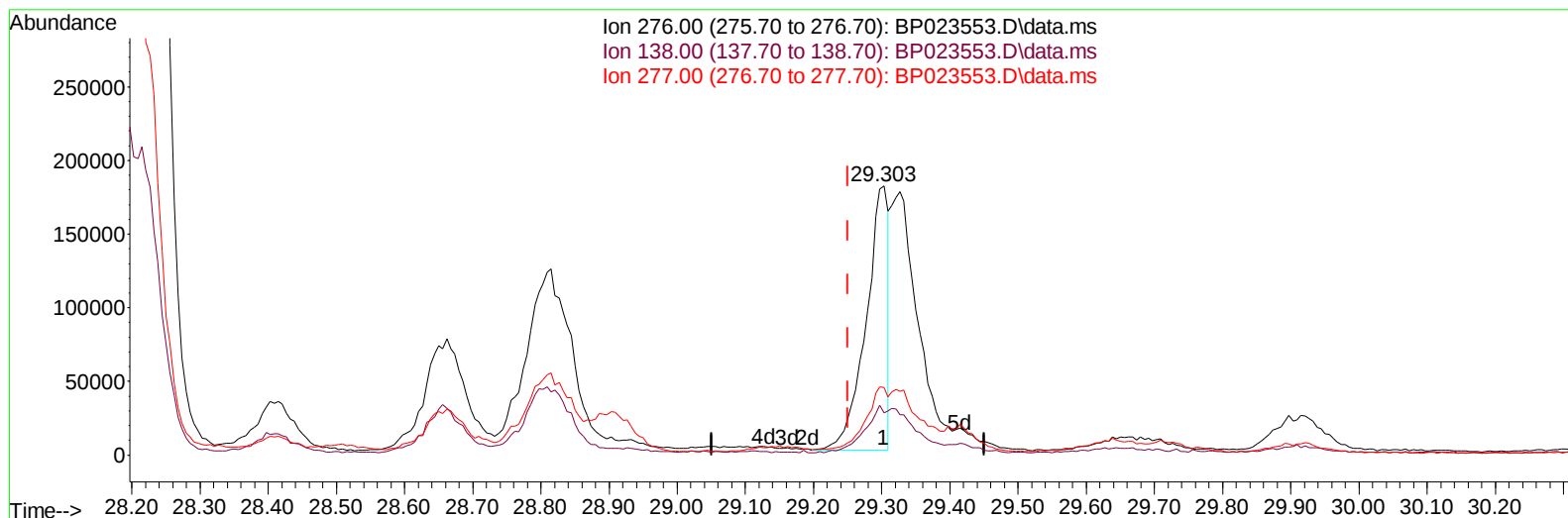
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:42:32 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(96) Benzo(g,h,i)perylene

29.303min (+ 0.052) 5.01 ng/u1

response 407024

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.60  | 15.81# |
| 277.00 | 23.60  | 25.21  |
| 0.00   | 0.00   | 0.00   |

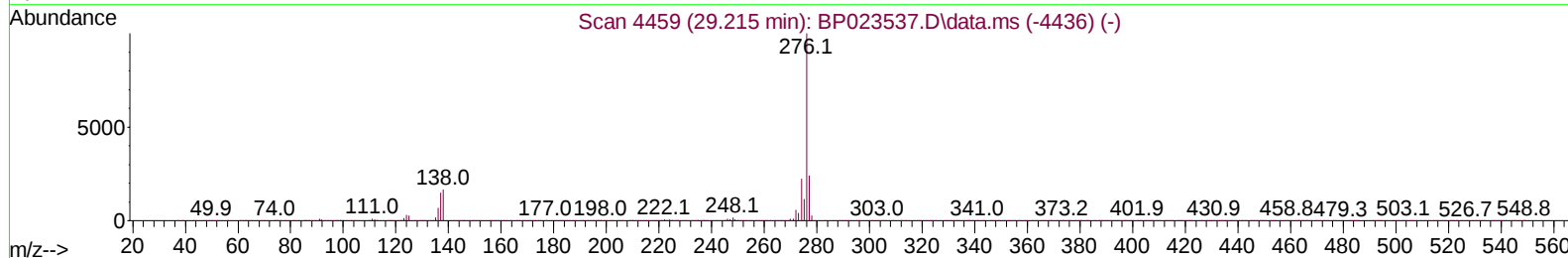
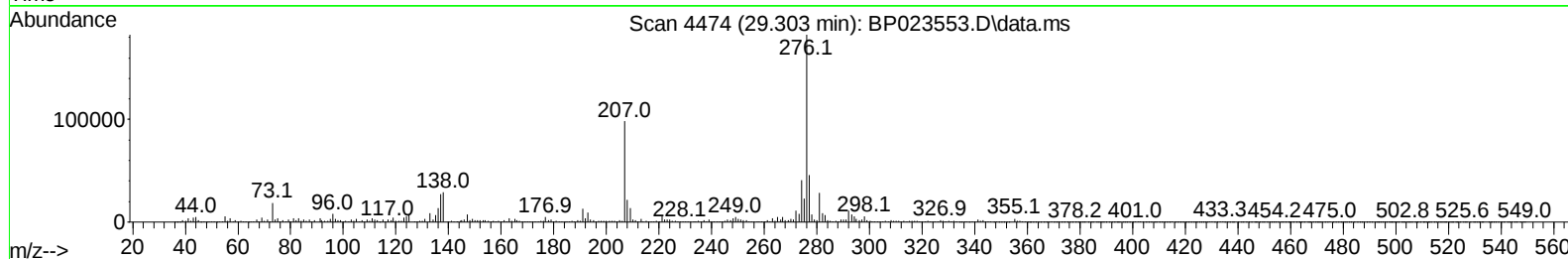
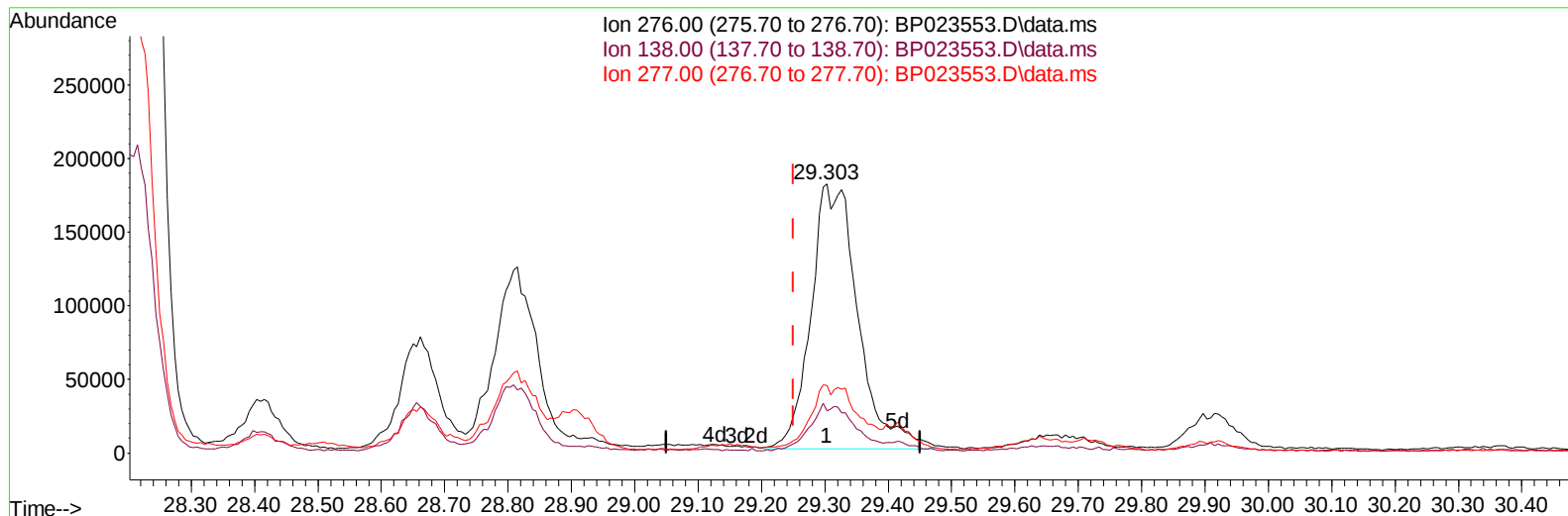
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 20 23:42:32 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 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023553.D\data.ms

(96) Benzo(g,h,i)perylene

29.303min (+ 0.052) 11.39 ng/ul m

response 925447

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.60  | 15.81# |
| 277.00 | 23.60  | 25.21  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
 Data File : BP023553.D  
 Acq On : 20 Dec 2024 12:28  
 Operator : RC/JU  
 Sample : P5265-18DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E2903DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 00:32:32 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 12/21/2024  
 Supervised By :mohammad ahmed 12/21/2024

| Compound                      | R.T.   | QIon | Response  | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|---------|--------|----------|
| -----                         |        |      |           |         |        |          |
| Internal Standards            |        |      |           |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.463  | 152  | 203103    | 20.000  | ng/ul  | -0.08    |
| 20) Naphthalene-d8            | 10.222 | 136  | 786058    | 20.000  | ng/ul  | #-0.06   |
| 38) Acenaphthene-d10          | 14.127 | 164  | 587655    | 20.000  | ng/ul  | -0.02    |
| 64) Phenanthrene-d10          | 16.951 | 188  | 1259593   | 20.000  | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.392 | 240  | 1289226   | 20.000  | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.580 | 264  | 1448997   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |           |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.069  | 96   | 1735m     | 0.315   | ng/uL  | -0.04    |
| 4) Pyridine-d5                | 0.000  | 84   | 0d        | 0.000   | ng/ul  |          |
| 7) Phenol-d5                  | 6.698  | 99   | 30652     | 1.923   | ng/ul  | -0.05    |
| 9) Bis-(2-Chloroethyl)eth...  | 6.822  | 67   | 24261     | 2.413   | ng/ul  | -0.07    |
| 11) 2-Chlorophenol-d4         | 7.022  | 132  | 21985     | 1.869   | ng/ul  | -0.07    |
| 15) 4-Methylphenol-d8         | 8.210  | 113  | 21628m    | 1.682   | ng/ul  | -0.05    |
| 21) Nitrobenzene-d5           | 8.622  | 128  | 11409     | 1.944   | ng/ul  | -0.07    |
| 24) 2-Nitrophenol-d4          | 9.334  | 143  | 13073m    | 1.932   | ng/ul  | -0.06    |
| 28) 2,4-Dichlorophenol-d3     | 9.910  | 165  | 26967m    | 1.889   | ng/ul  | -0.02    |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d        | 0.000   | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 13.527 | 166  | 93413     | 2.048   | ng/ul  | -0.03    |
| 49) Acenaphthylene-d8         | 13.816 | 160  | 92063     | 1.913   | ng/ul  | -0.02    |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d        | 0.000   | ng/ul  |          |
| 60) Fluorene-d10              | 15.139 | 176  | 75051     | 1.870   | ng/ul  | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.333 | 200  | 4882m     | 0.641   | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.057 | 188  | 111491    | 1.939   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.445 | 212  | 112124    | 1.665   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.368 | 264  | 73434     | 0.947   | ng/ul  | 0.02     |
| Target Compounds              |        |      |           |         |        |          |
|                               |        |      |           |         | Qvalue |          |
| 16) Acetophenone              | 8.287  | 105  | 70618     | 3.262   | ng/ul  | 91       |
| 30) Naphthalene               | 10.269 | 128  | 1619757   | 39.361  | ng/ul  | 100      |
| 36) 2-Methylnaphthalene       | 11.892 | 142  | 740023    | 24.251  | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.110 | 142  | 510638    | 16.421  | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 12.922 | 154  | 418901    | 10.061  | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.569 | 163  | 72506     | 1.613   | ng/ul  | 98       |
| 50) Acenaphthylene            | 13.839 | 152  | 87916     | 1.794   | ng/ul# | 92       |
| 52) Acenaphthene              | 14.186 | 153  | 1813806   | 50.642  | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.533 | 168  | 3903920   | 71.771  | ng/ul  | 93       |
| 61) Fluorene                  | 15.204 | 166  | 1948736   | 44.000  | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.292 | 138  | 19747m    | 3.111   | ng/ul  |          |
| 72) Phenanthrene              | 16.998 | 178  | 24211647m | 371.806 | ng/ul  |          |
| 74) Anthracene                | 17.086 | 178  | 2040018   | 31.331  | ng/ul  | 99       |
| 77) Carbazole                 | 17.380 | 167  | 3303802   | 62.279  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.098 | 202  | 24221106m | 313.819 | ng/ul  |          |
| 82) Pyrene                    | 19.480 | 202  | 21336266m | 260.510 | ng/ul  |          |
| 85) Benzo(a)anthracene        | 21.374 | 228  | 10597783  | 122.585 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.298 | 149  | 91407     | 2.244   | ng/ul  | 98       |
| 87) Chrysene                  | 21.445 | 228  | 13952215  | 168.408 | ng/ul  | 95       |
| 90) Benzo(b)fluoranthene      | 23.609 | 252  | 18417067  | 202.299 | ng/ul# | 96       |
| 91) Benzo(k)fluoranthene      | 23.656 | 252  | 5442870m  | 60.088  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.450 | 252  | 6619152   | 80.189  | ng/ul# | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.197 | 276  | 6598646   | 62.206  | ng/ul# | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121824\  
Data File : BP023553.D  
Acq On : 20 Dec 2024 12:28  
Operator : RC/JU  
Sample : P5265-18DL 10X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2903DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 21 00:32:32 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

| Compound                   | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|----------------------------|--------|-----|-----|----------|--------|--------|----------|
| 95) Dibenzo(a,h)anthracene | 28.233 | 278 |     | 1984571  | 23.378 | ng/ul# | 89       |
| 96) Benzo(g,h,i)perylene   | 29.303 | 276 |     | 925447m  | 11.395 | ng/ul  |          |

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

