

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

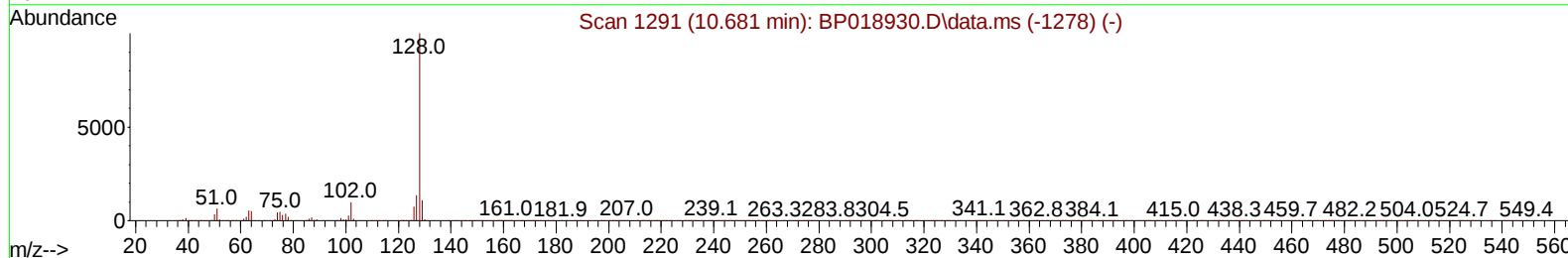
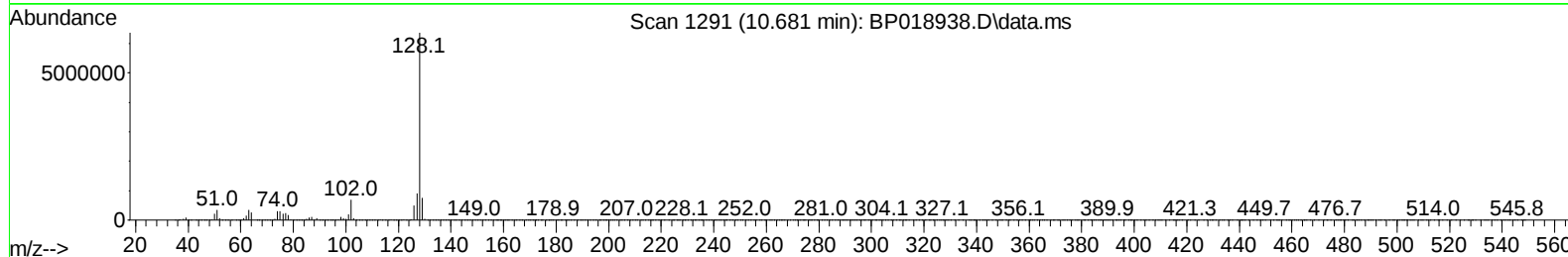
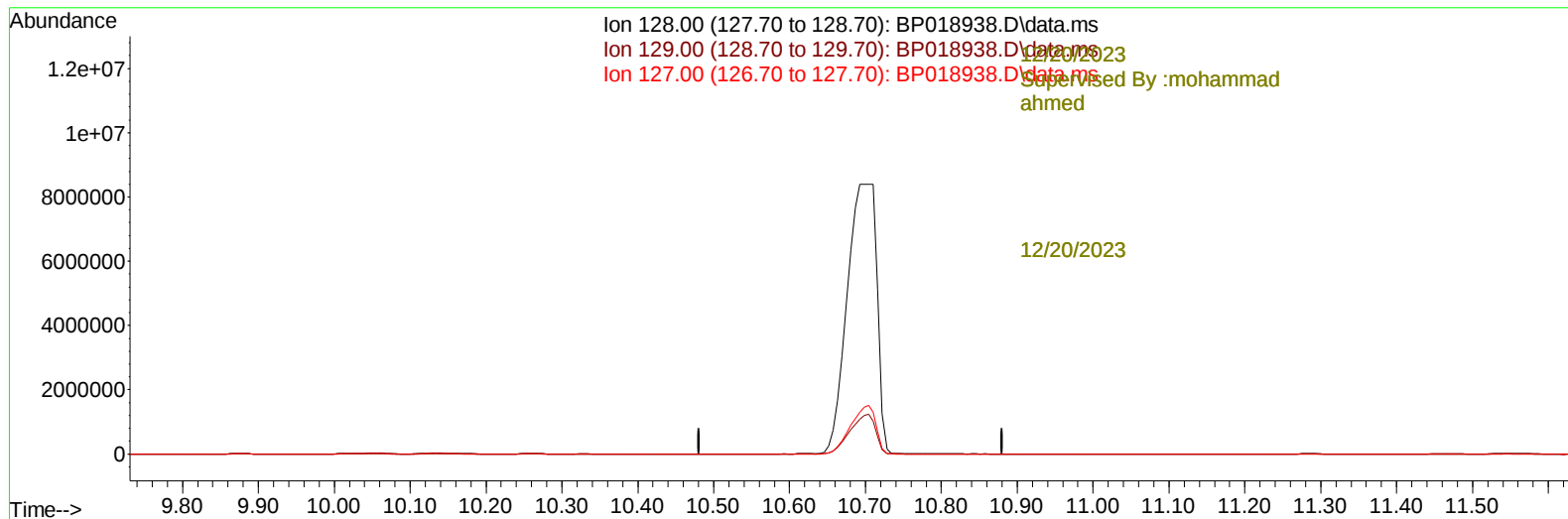
DCLF8DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 21:38:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration



TIC: BP018938.D\data.ms

## (30) Naphthalene

10.681min (-10.681) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 128.00 | 100.00 | 0.00  |
| 129.00 | 11.10  | 0.00# |
| 127.00 | 13.10  | 0.00# |
| 0.00   | 0.00   | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :

BNA\_P

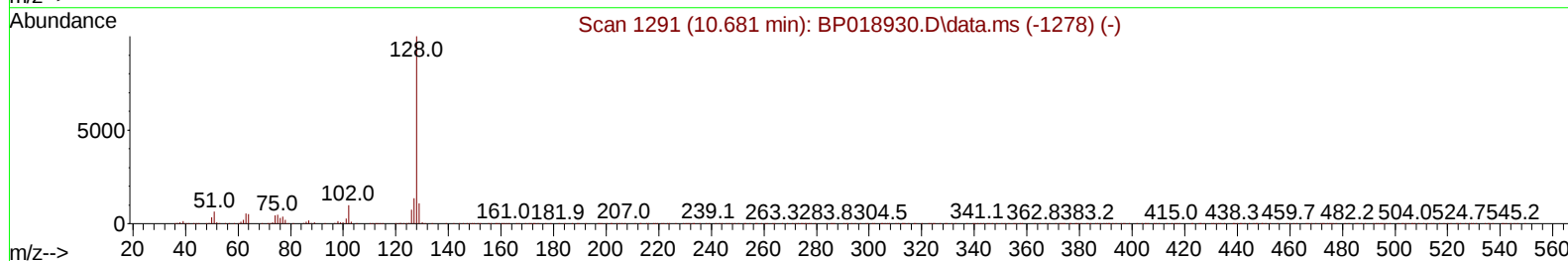
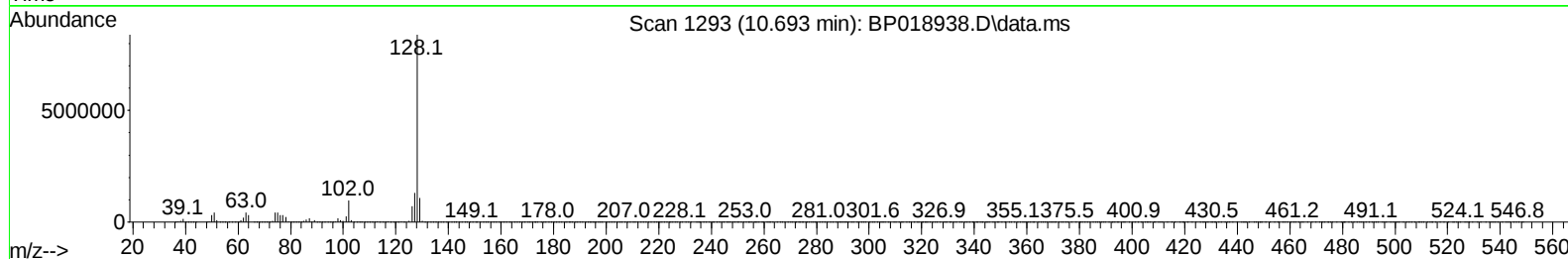
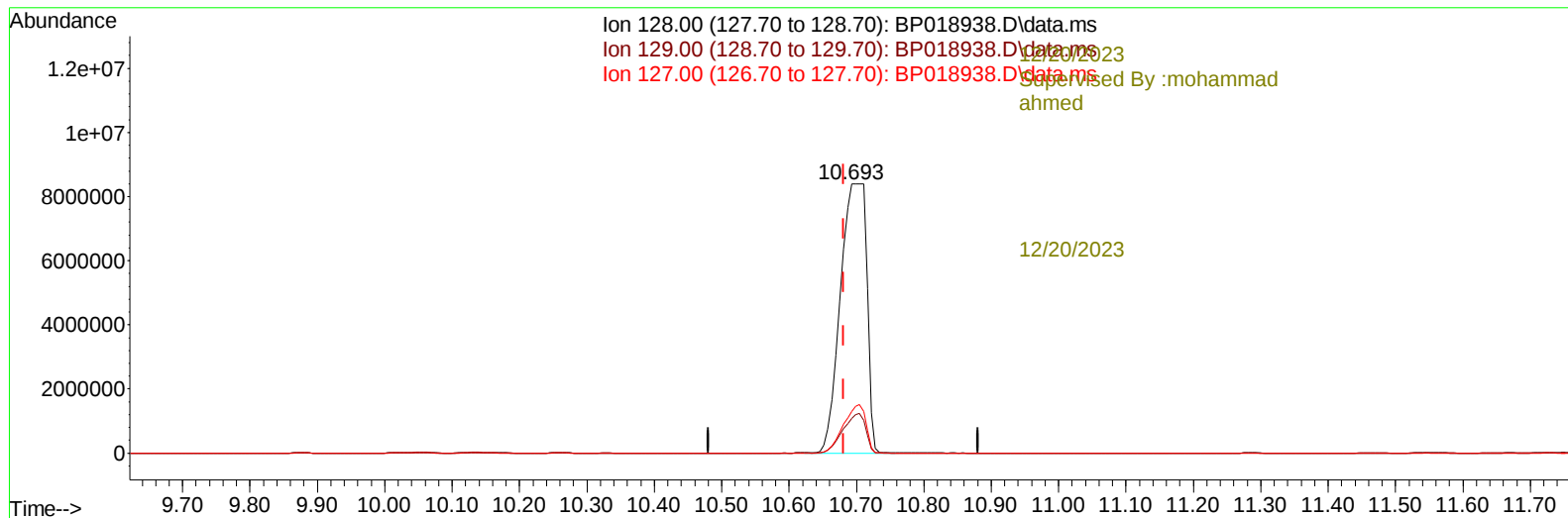
ClientSampleId :

DCLF8DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:38:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018938.D\data.ms

**(30) Naphthalene**

10.693min (+ 0.012) 466.65 ng/ul m

response 22835898

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 129.00 | 11.10  | 12.94  |
| 127.00 | 13.10  | 15.52  |
| 0.00   | 0.00   | 0.00   |

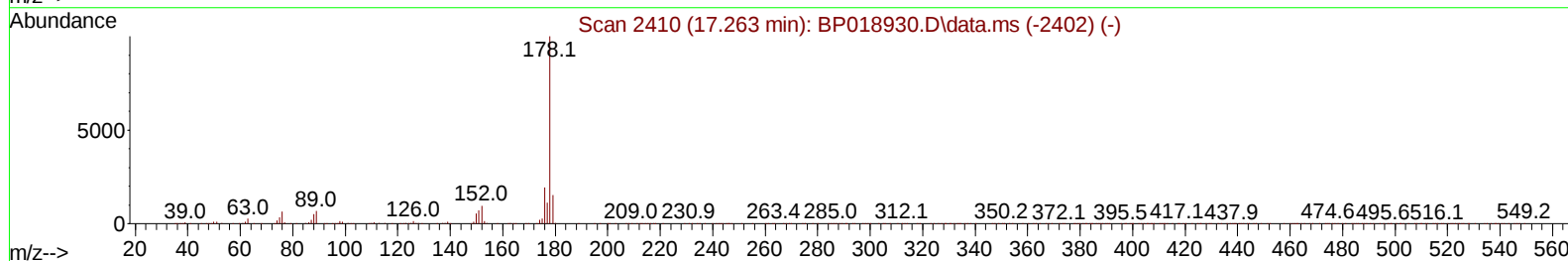
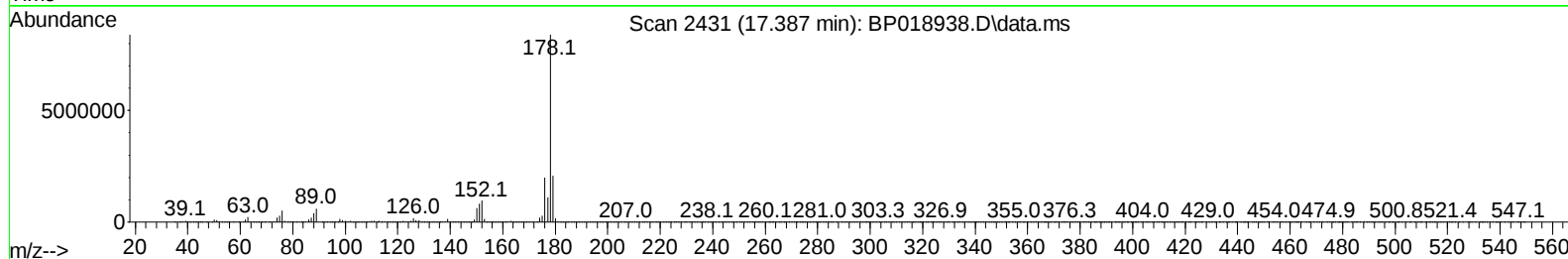
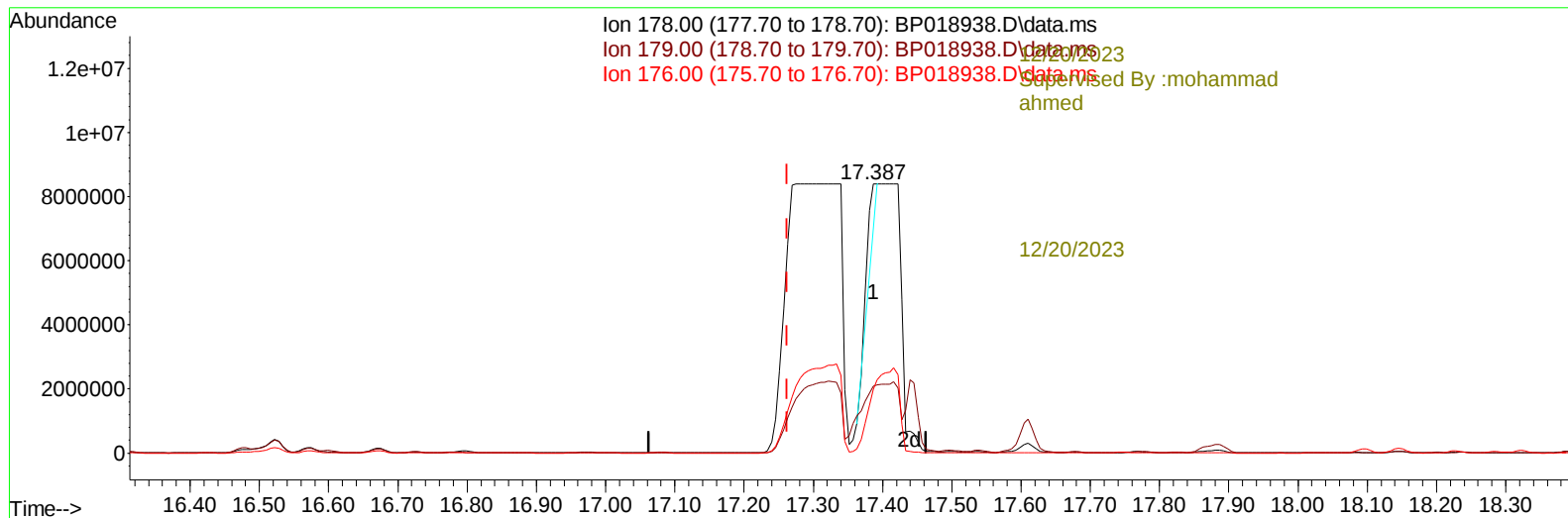
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
Data File : BP018938.D  
Acq On : 19 Dec 2023 09:27  
Operator : MA/JU  
Sample : 05626-12DL 10X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLF8DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:38:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 19 05:28:03 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/20/2023  
Supervised By :mohammad ahmed 12/20/2023



TIC: BP018938.D\data.ms

(72) Phenanthrene

17.387min (+ 0.124) 55.50 ng/u1

response 3209091

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.40  | 24.80# |
| 176.00 | 19.30  | 23.79# |
| 0.00   | 0.00   | 0.00   |

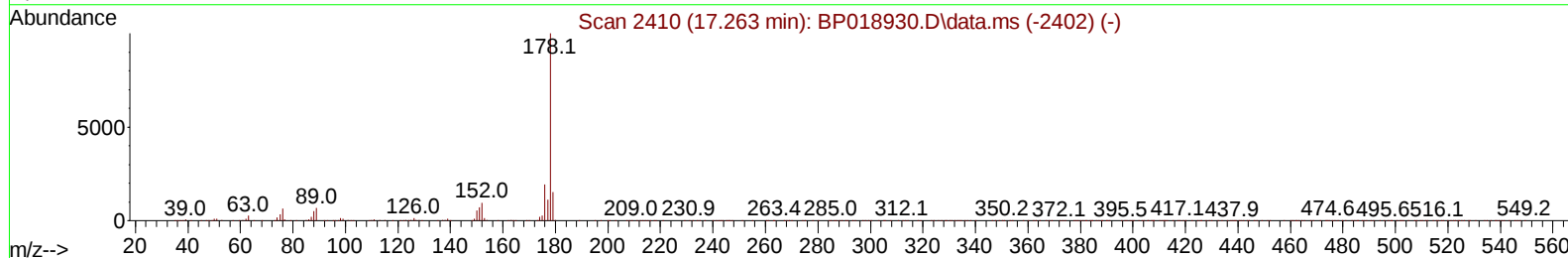
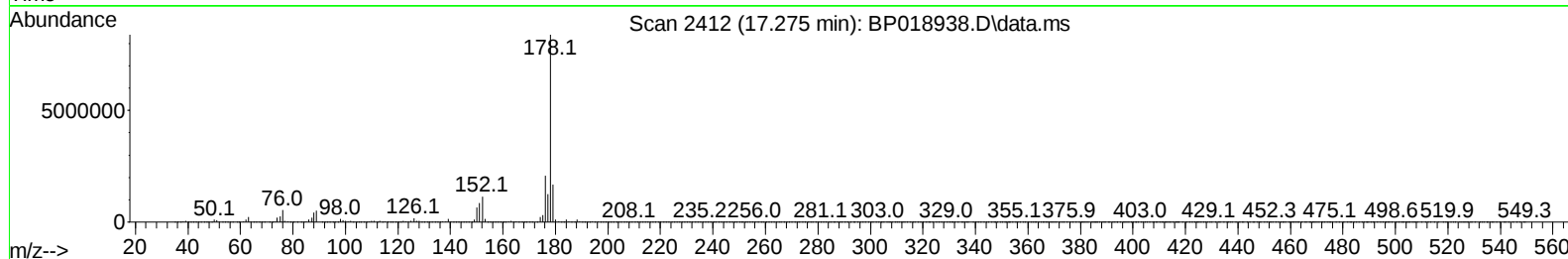
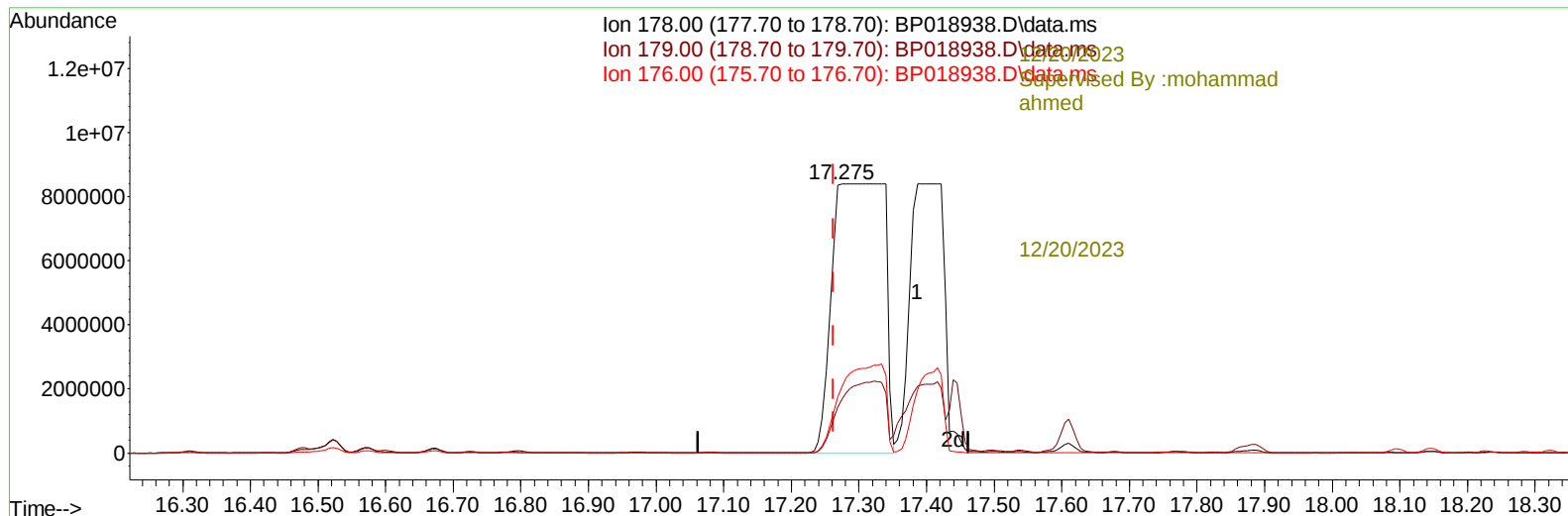
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
Data File : BP018938.D  
Acq On : 19 Dec 2023 09:27  
Operator : MA/JU  
Sample : 05626-12DL 10X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLF8DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:38:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 19 05:28:03 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/20/2023  
Supervised By :mohammad ahmed 12/20/2023



TIC: BP018938.D\data.ms

(72) Phenanthrene

17.275min (+ 0.012) 770.92 ng/u1 m

response 44573855

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.40  | 20.09# |
| 176.00 | 19.30  | 24.79# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
Data File : BP018938.D  
Acq On : 19 Dec 2023 09:27  
Operator : MA/JU  
Sample : 05626-12DL 10X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

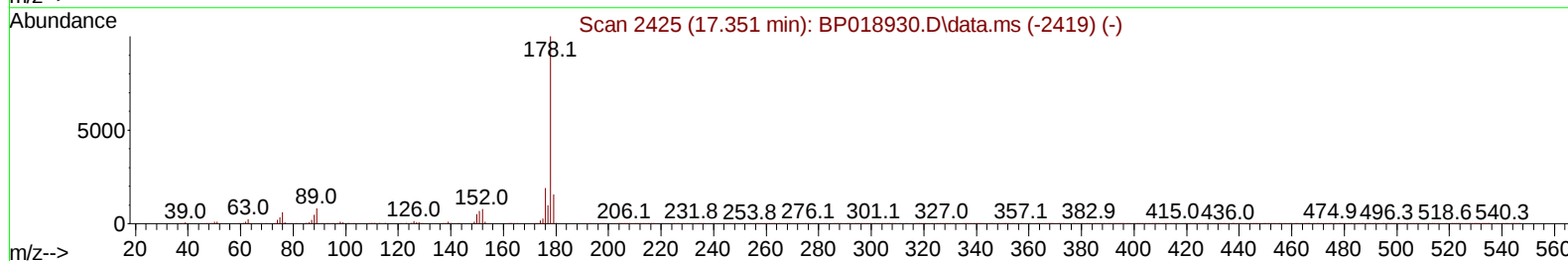
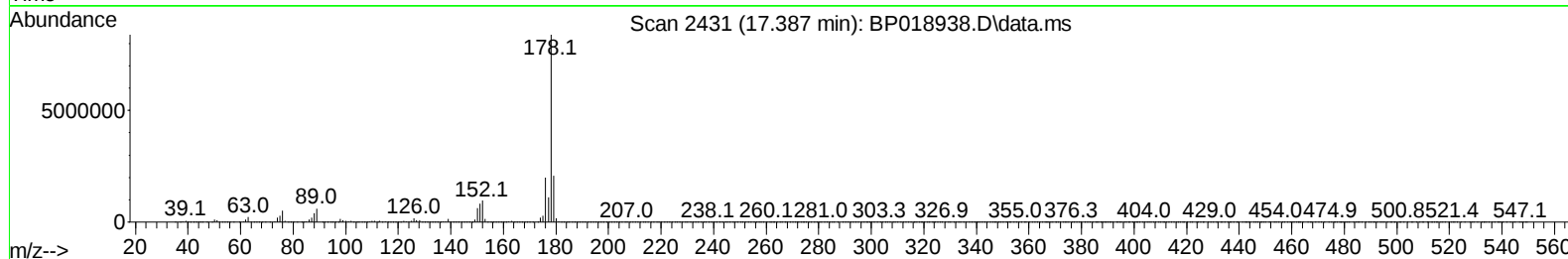
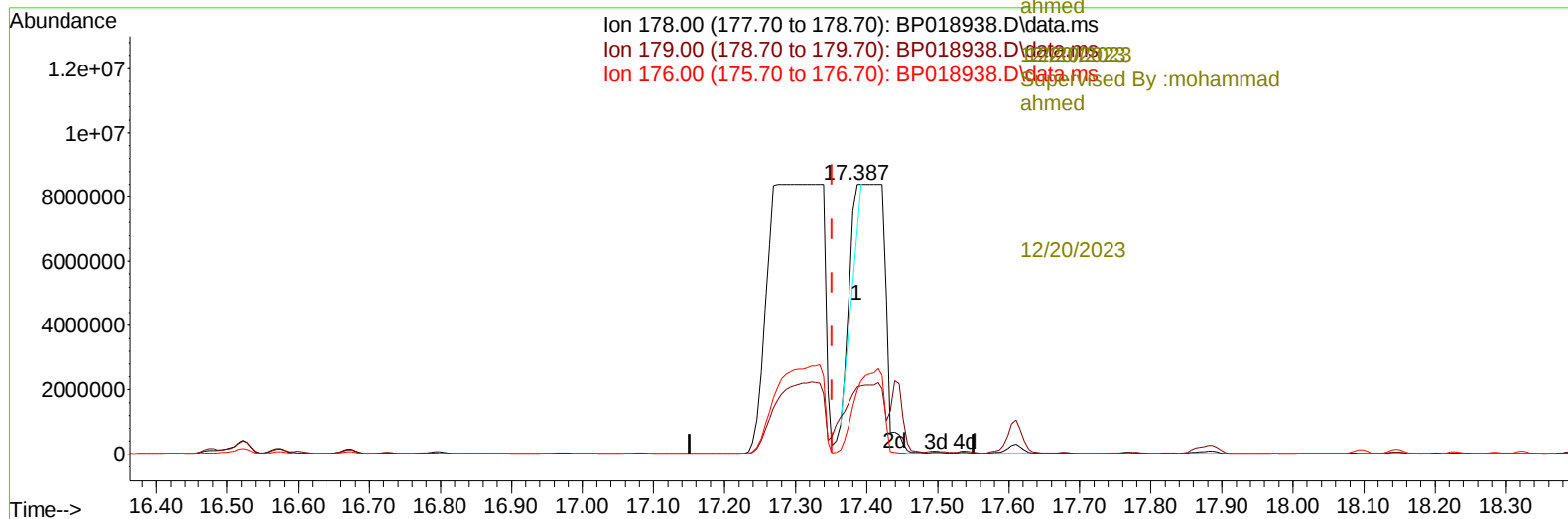
Instrument :  
BNA\_P  
ClientSampleId :  
DCLF8DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023  
Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
Supervised By :mohammad  
ahmed  
12/20/2023  
Supervised By :mohammad  
ahmed

Quant Time: Dec 19 21:38:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 19 05:28:03 2023  
Response via : Initial Calibration



TIC: BP018938.D\data.ms

## (74) Anthracene

17.387min (+ 0.036) 55.37 ng/u1

response 3209091

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.60  | 24.80# |
| 176.00 | 18.80  | 23.79# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :

BNA\_P

ClientSampleId :

DCLF8DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

12/20/2023

Supervised By :mohammad

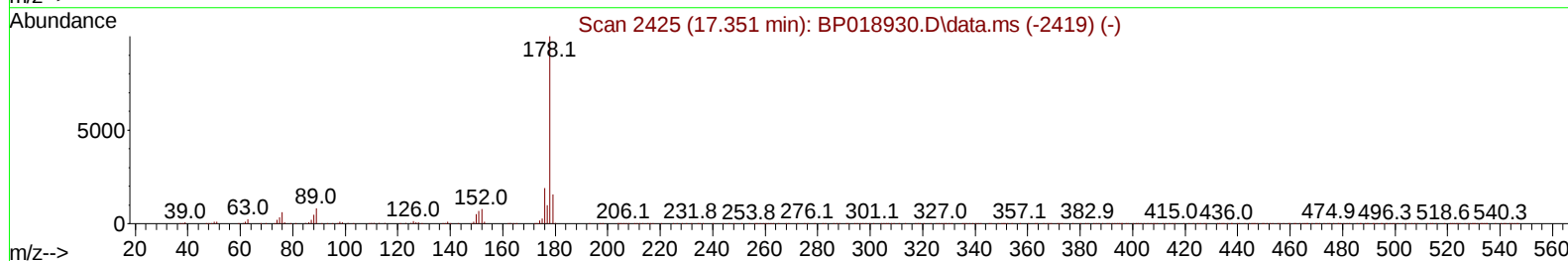
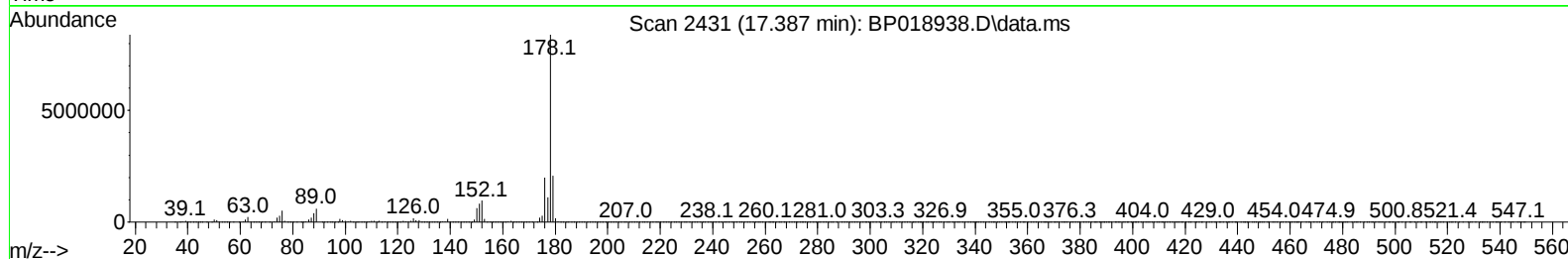
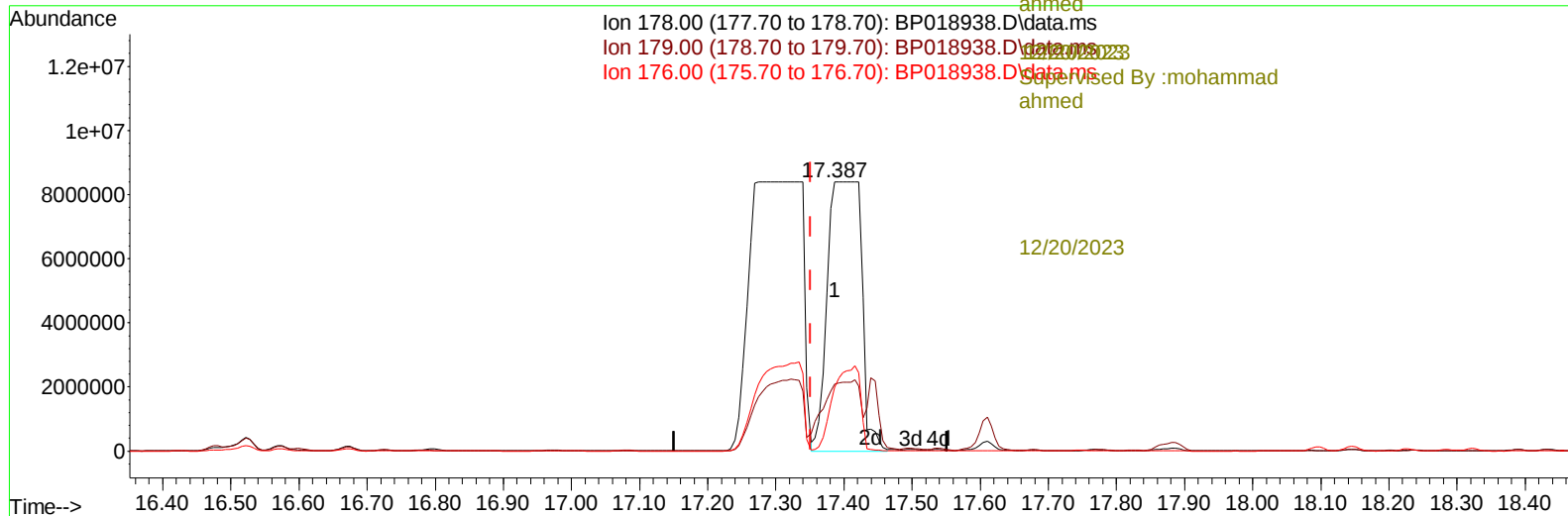
ahmed

12/20/2023

12/20/2023

Supervised By :mohammad

ahmed



TIC: BP018938.D\data.ms

(74) Anthracene

17.387min (+ 0.036) 500.62 ng/u1 m

response 29014207

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.60  | 24.80# |
| 176.00 | 18.80  | 23.79# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
Data File : BP018938.D  
Acq On : 19 Dec 2023 09:27  
Operator : MA/JU  
Sample : 05626-12DL 10X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

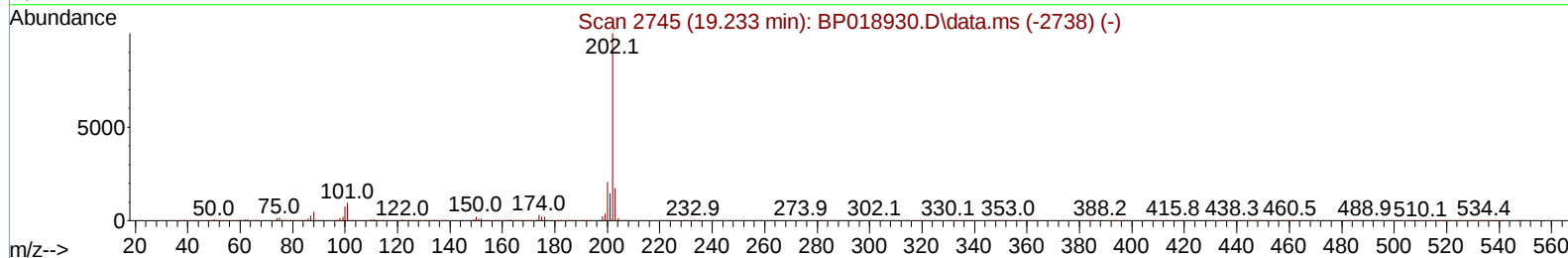
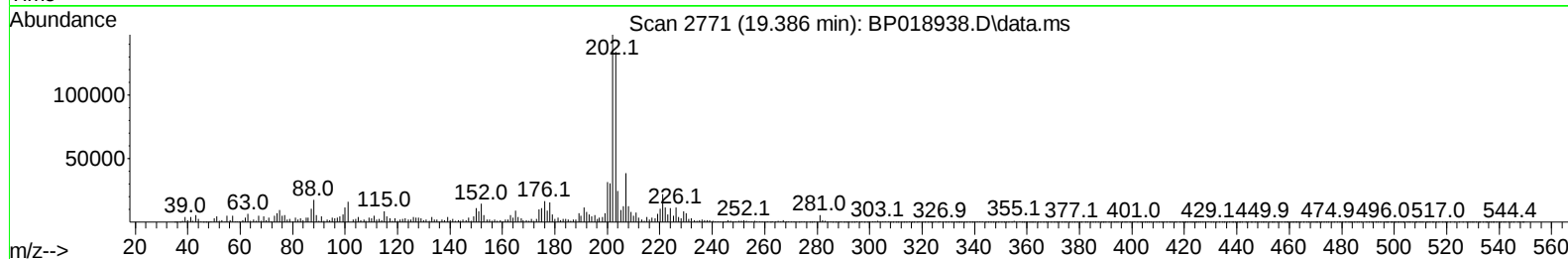
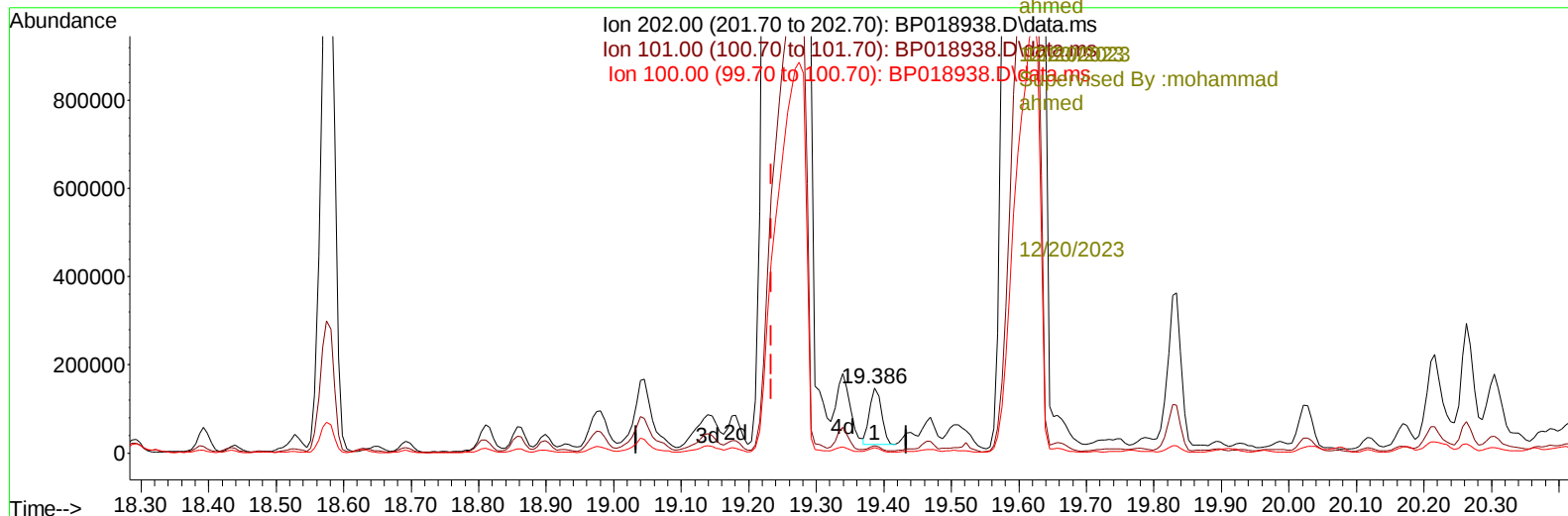
Instrument :  
BNA\_P  
ClientSampleId :  
DCLF8DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023  
Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
Supervised By :mohammad  
ahmed  
12/20/2023  
Supervised By :mohammad  
ahmed

Quant Time: Dec 19 21:38:40 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 19 05:28:03 2023  
Response via : Initial Calibration



TIC: BP018938.D\data.ms

## (80) Fluoranthene

19.386min (+ 0.153) 1.64 ng/u1

response 156139

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.40  | 10.91  |
| 100.00 | 8.90   | 7.96   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

DCLF8DL

## Manual IntegrationsAPPROVED

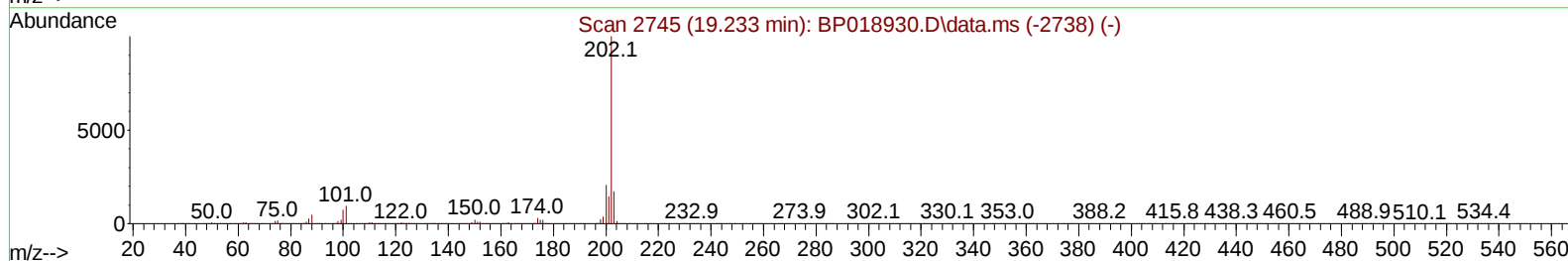
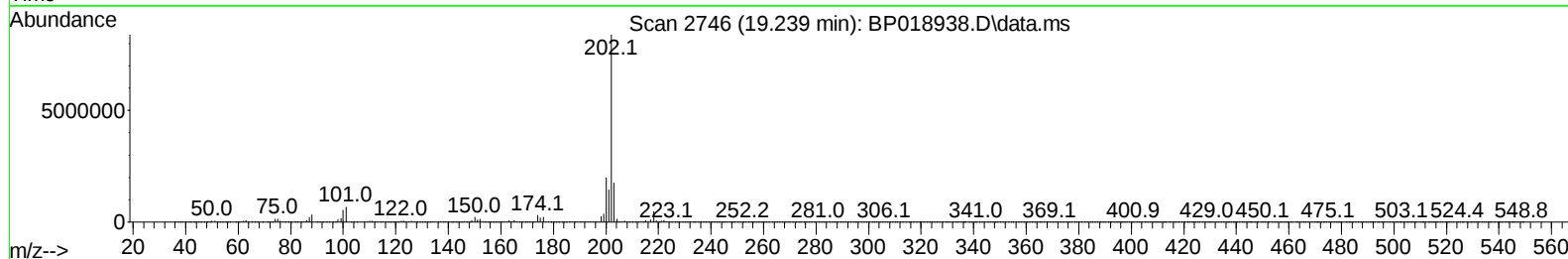
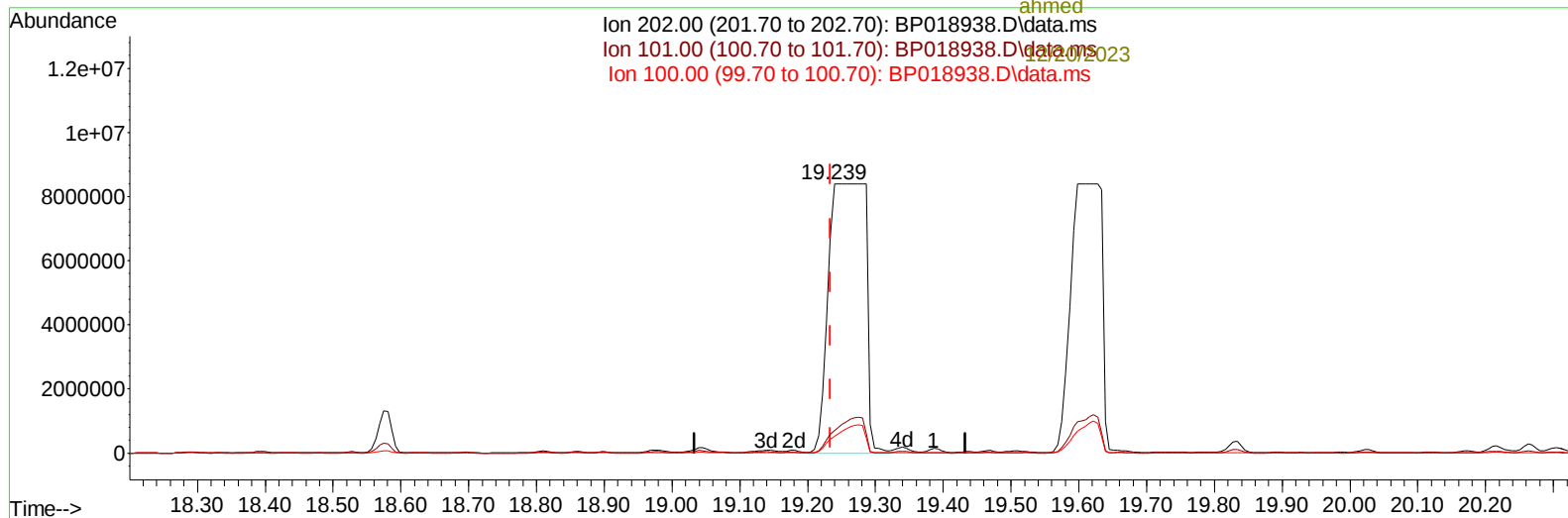
Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

12/20/2023

Supervised By :mohammad

ahmed



TIC: BP018938.D\data.ms

## (80) Fluoranthene

19.239min (+ 0.006) 334.73 ng/u1 m

response 31826186

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.40  | 8.31#  |
| 100.00 | 8.90   | 6.33#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

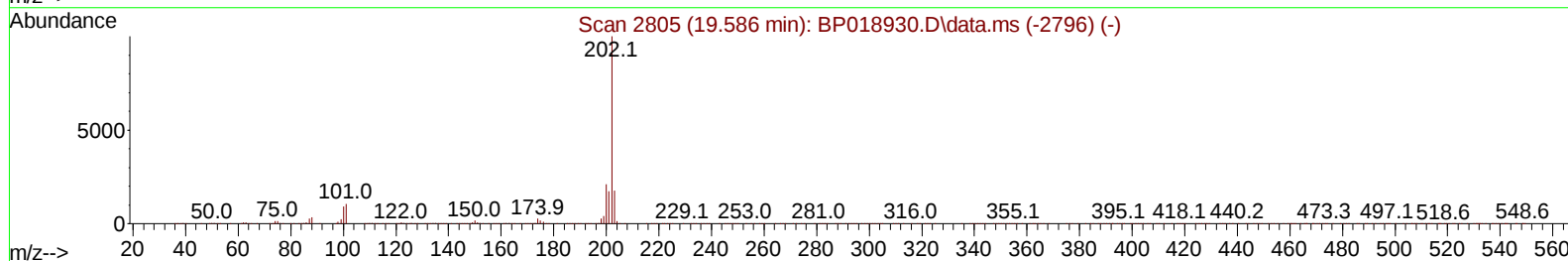
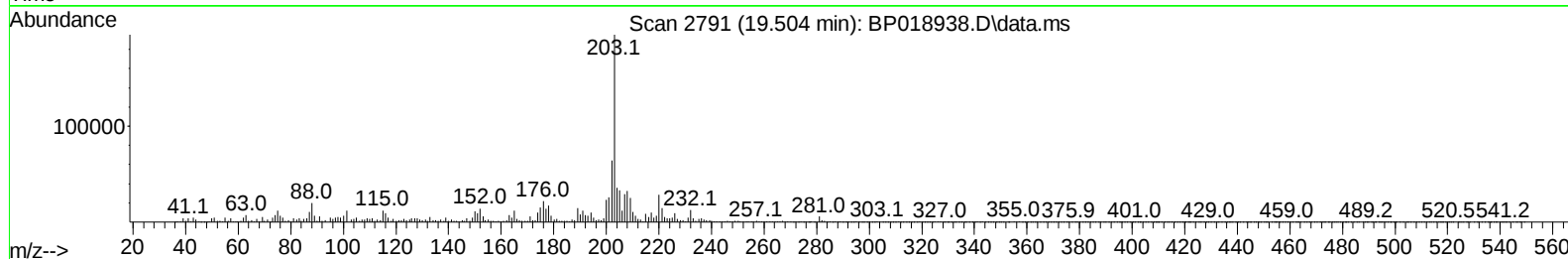
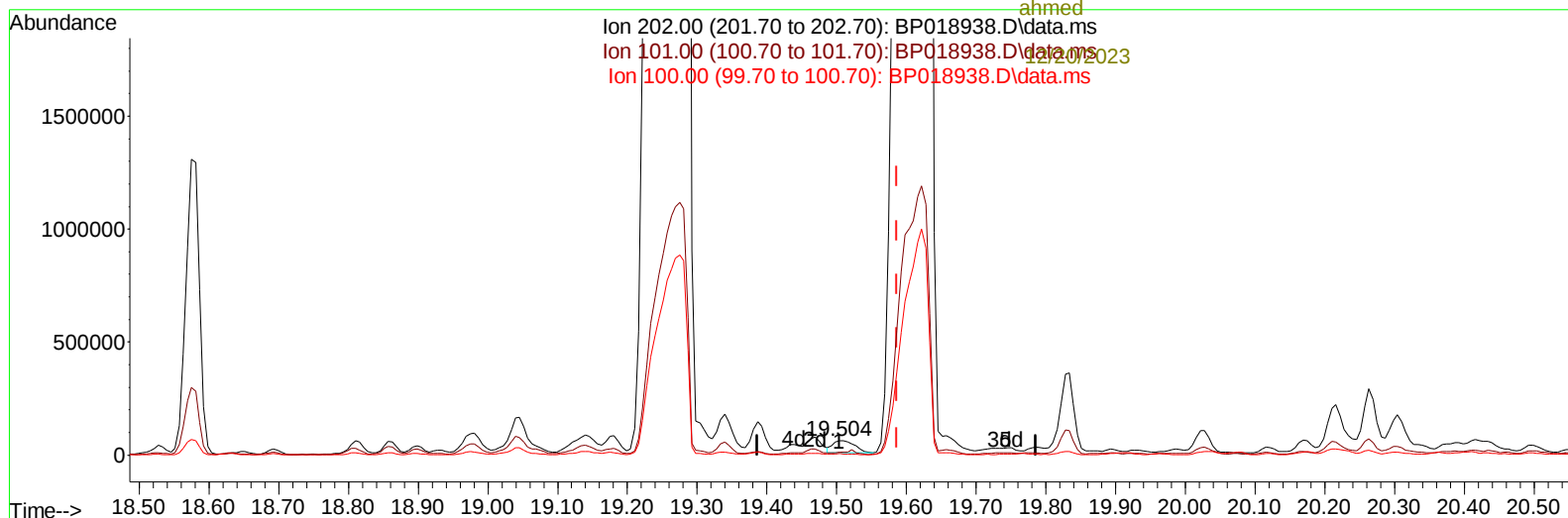
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:38:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed



TIC: BP018938.D\data.ms

(82) Pyrene

19.504min (-0.082) 1.22 ng/u1

response 117328

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.70  | 18.81# |
| 100.00 | 11.40  | 9.91   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

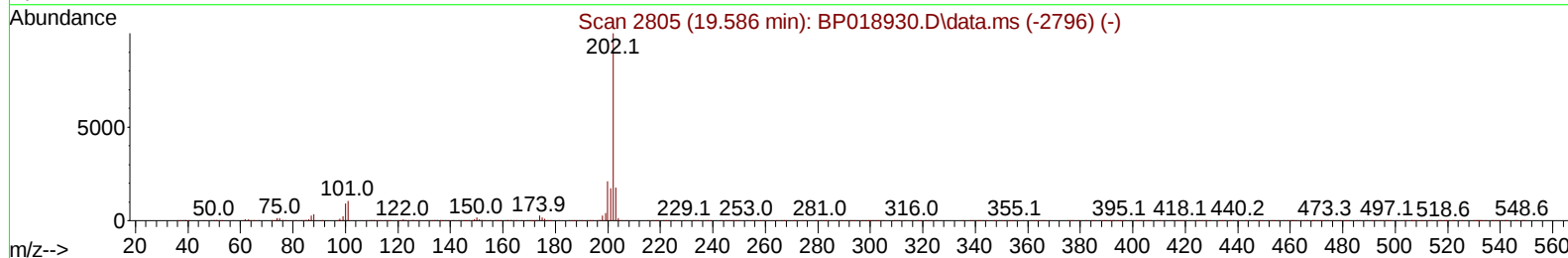
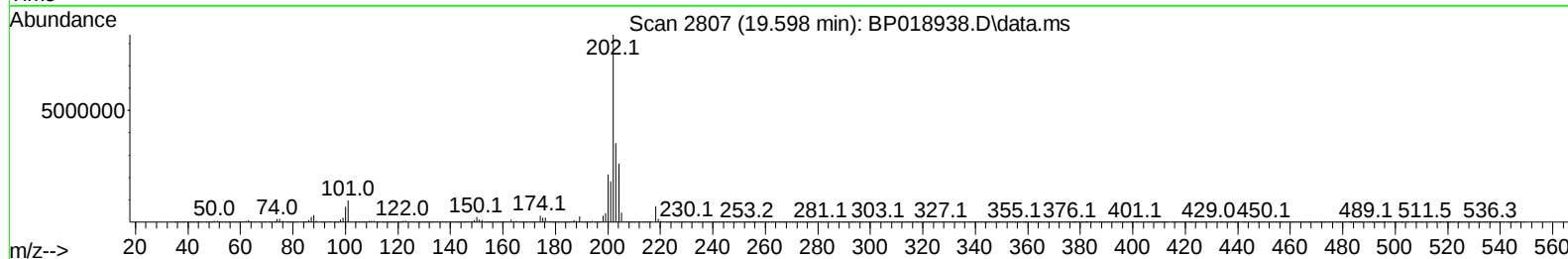
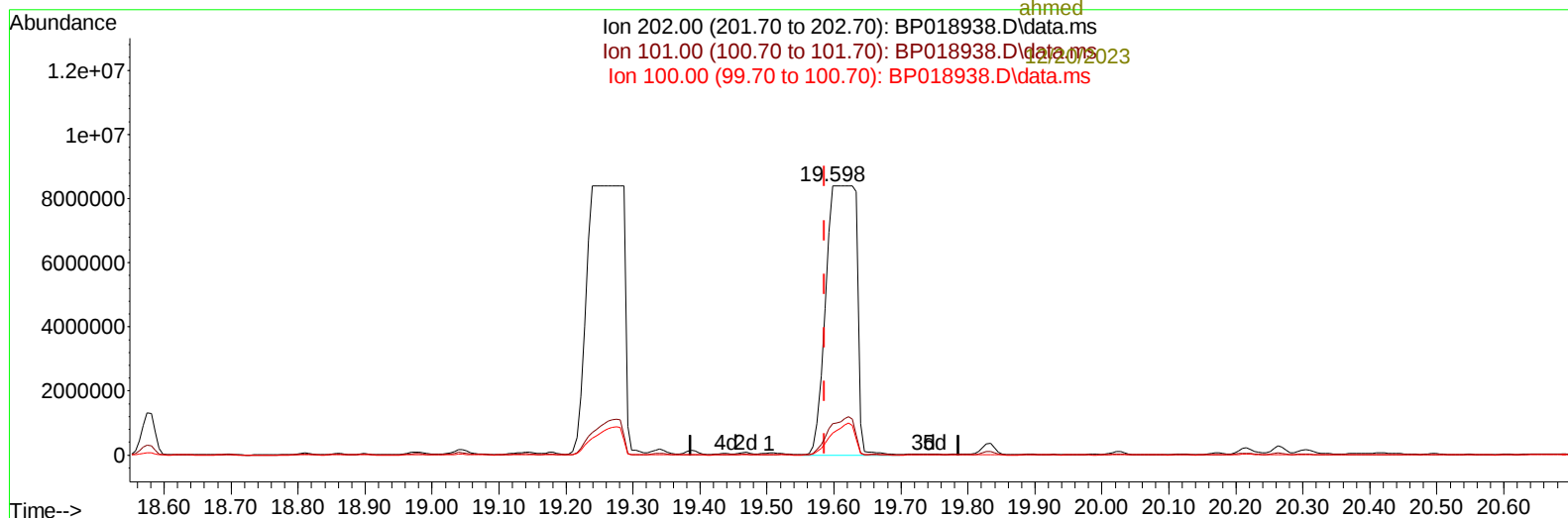
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 21:38:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed



TIC: BP018938.D\data.ms

## (82) Pyrene

19.598min (+ 0.012) 277.19 ng/u1 m

response 26586898

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.70  | 11.64  |
| 100.00 | 11.40  | 8.11#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

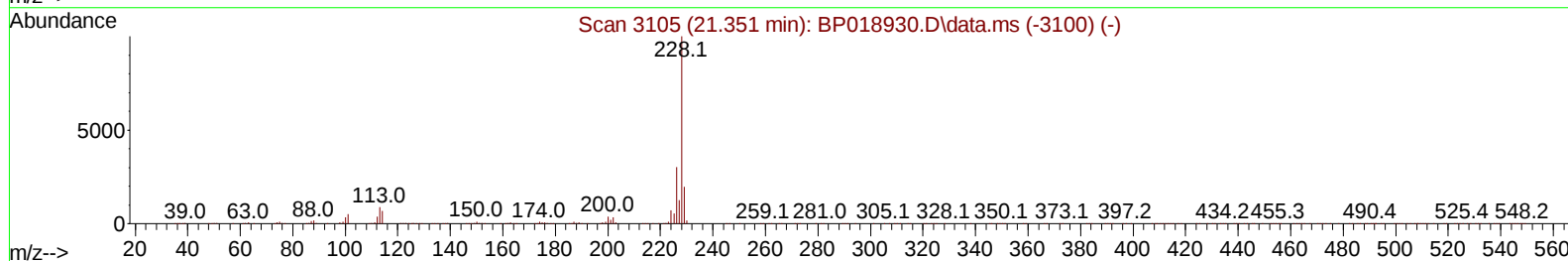
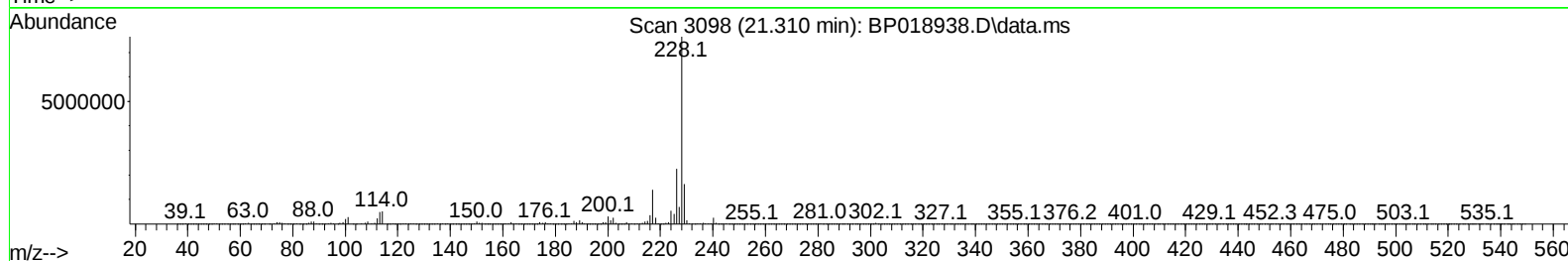
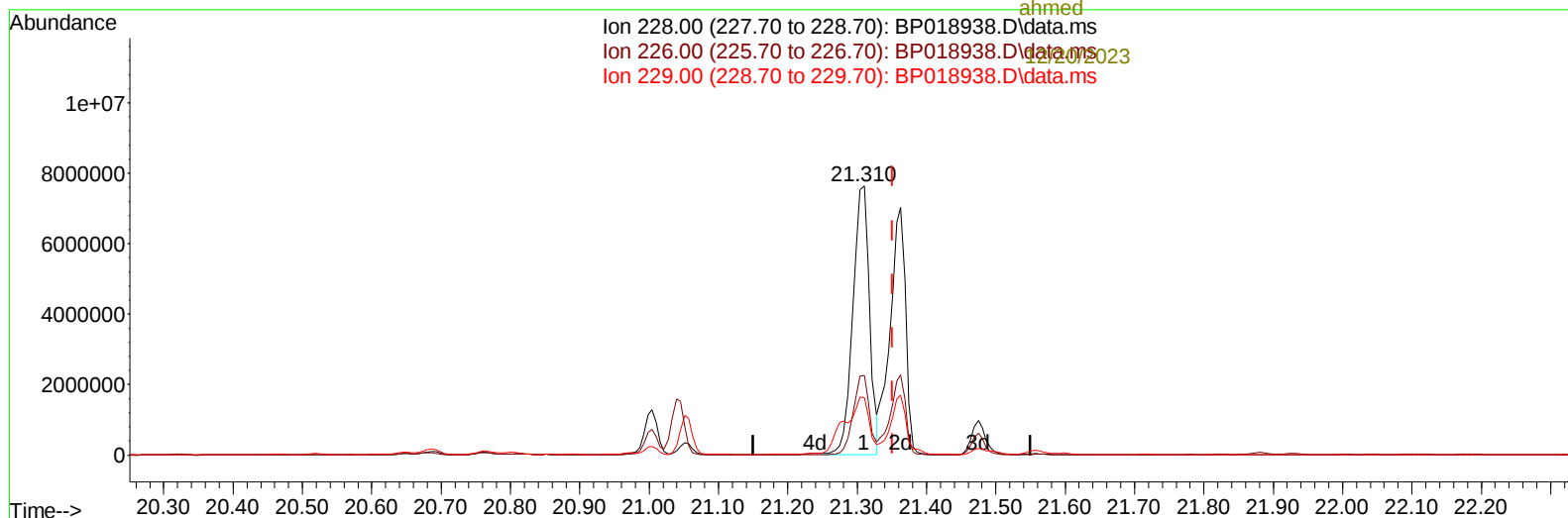
## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed

Quant Time: Dec 19 22:09:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Ion 228.00 (227.70 to 228.70): BP018938.D\data.ms  
 Ion 226.00 (225.70 to 226.70): BP018938.D\data.ms  
 Ion 229.00 (228.70 to 229.70): BP018938.D\data.ms



TIC: BP018938.D\data.ms

## (87) Chrysene

21.310min (-0.041) 164.60 ng/u1

response 12713683

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.90  | 29.50  |
| 229.00 | 19.50  | 21.42  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

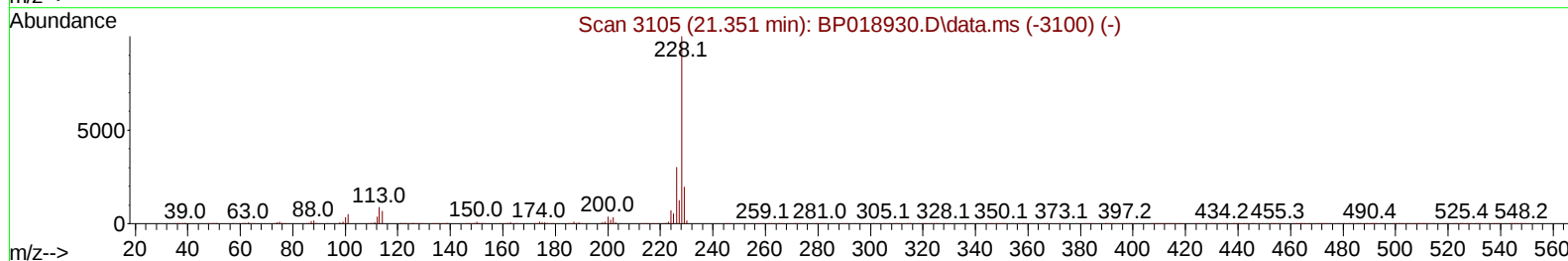
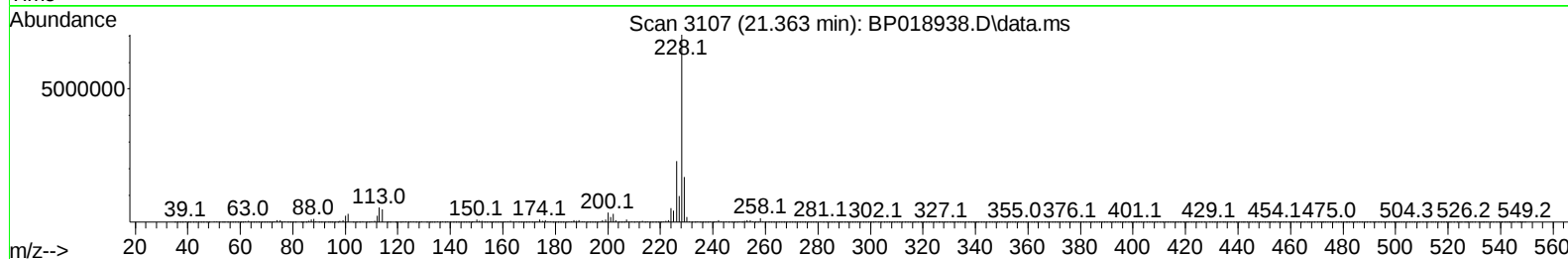
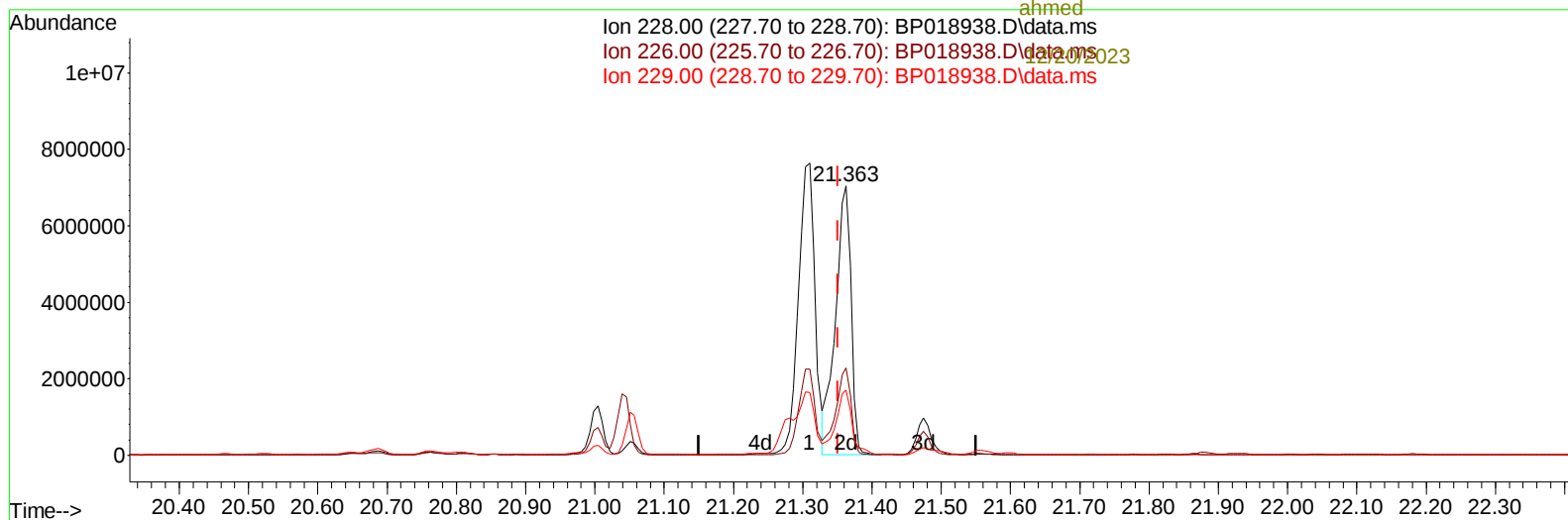
## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed

Quant Time: Dec 19 22:09:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Ion 228.00 (227.70 to 228.70): BP018938.D\data.ms  
 Ion 226.00 (225.70 to 226.70): BP018938.D\data.ms  
 Ion 229.00 (228.70 to 229.70): BP018938.D\data.ms



TIC: BP018938.D\data.ms

## (87) Chrysene

21.363min (+ 0.012) 144.10 ng/u1 m

response 11129793

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 29.90  | 32.43  |
| 229.00 | 19.50  | 24.14# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

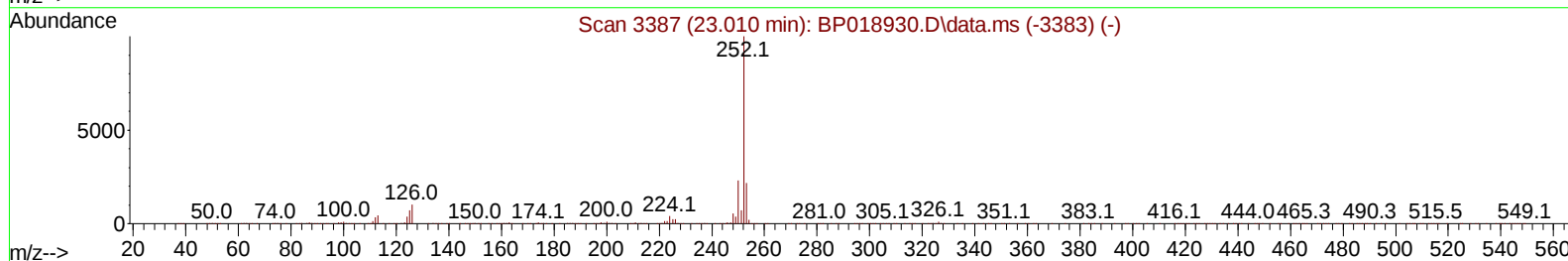
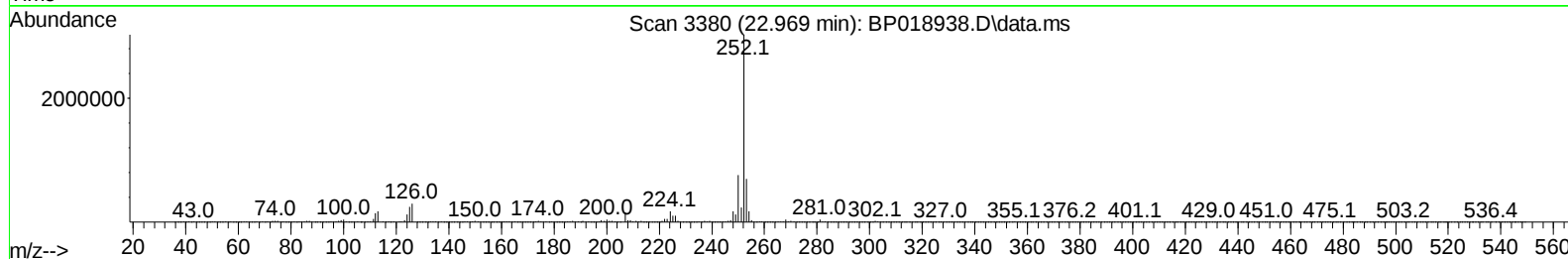
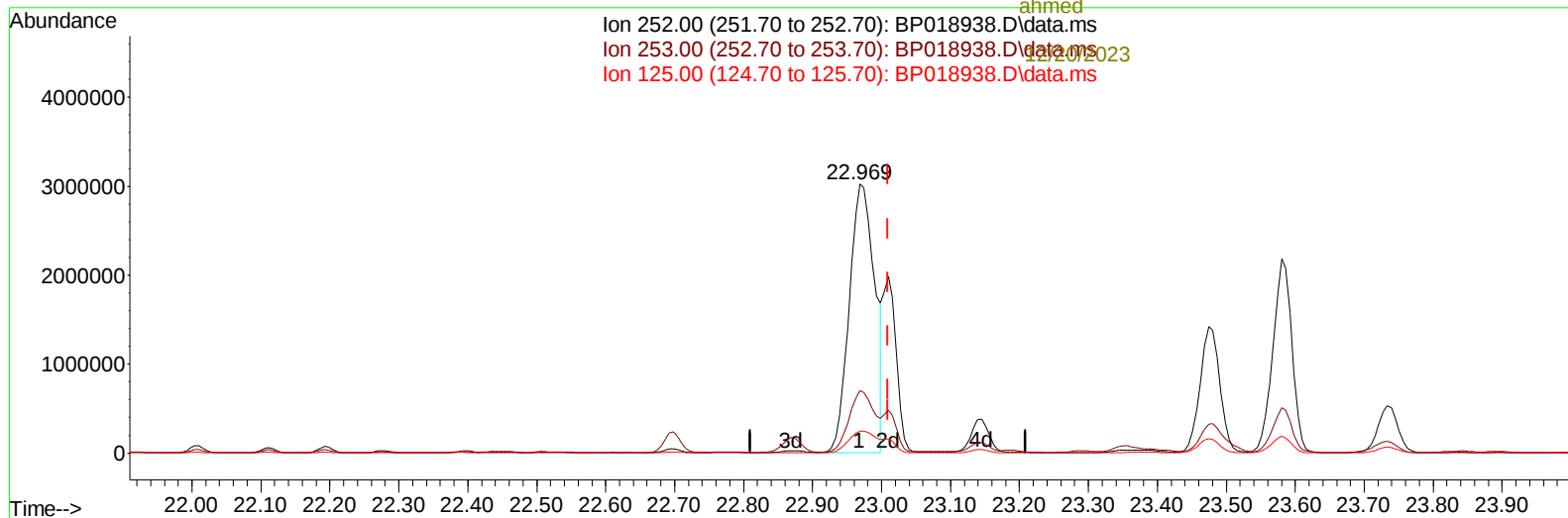
## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed

Quant Time: Dec 19 22:09:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BP018938.D\data.ms  
 Ion 253.00 (252.70 to 253.70): BP018938.D\data.ms  
 Ion 125.00 (124.70 to 125.70): BP018938.D\data.ms



TIC: BP018938.D\data.ms

## (91) Benzo(k)fluoranthene

22.969min (-0.041) 79.87 ng/u1

response 7752472

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10  | 23.22  |
| 125.00 | 10.00  | 8.13   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

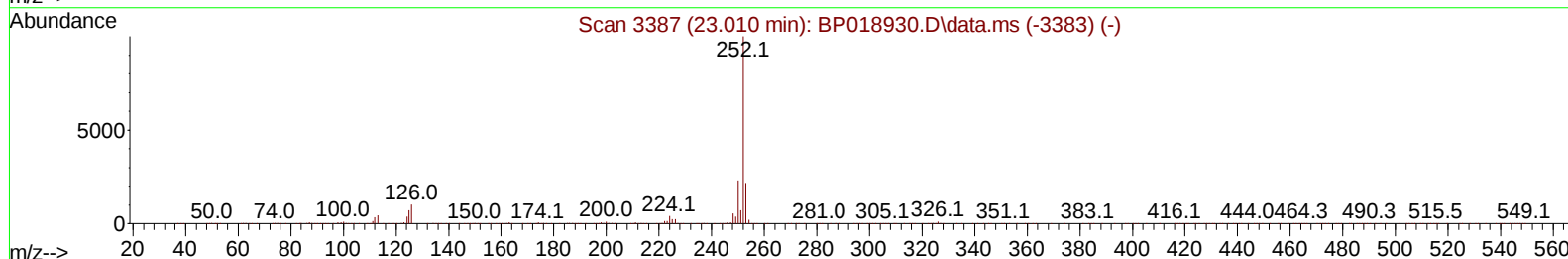
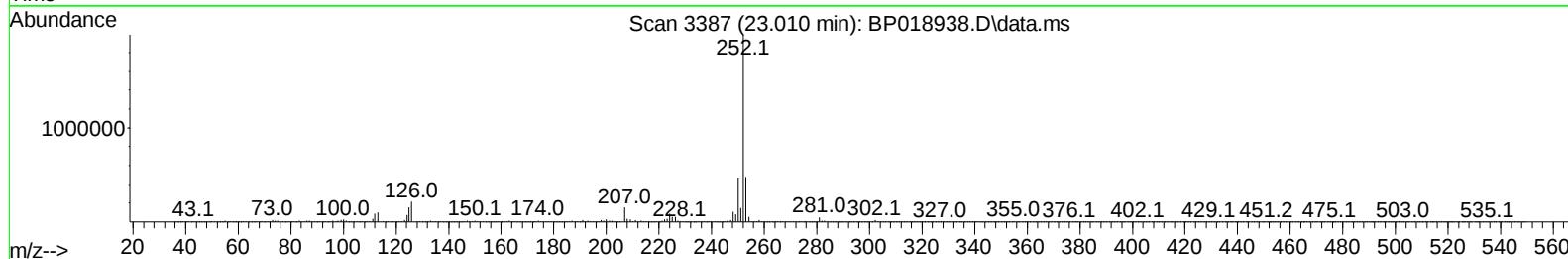
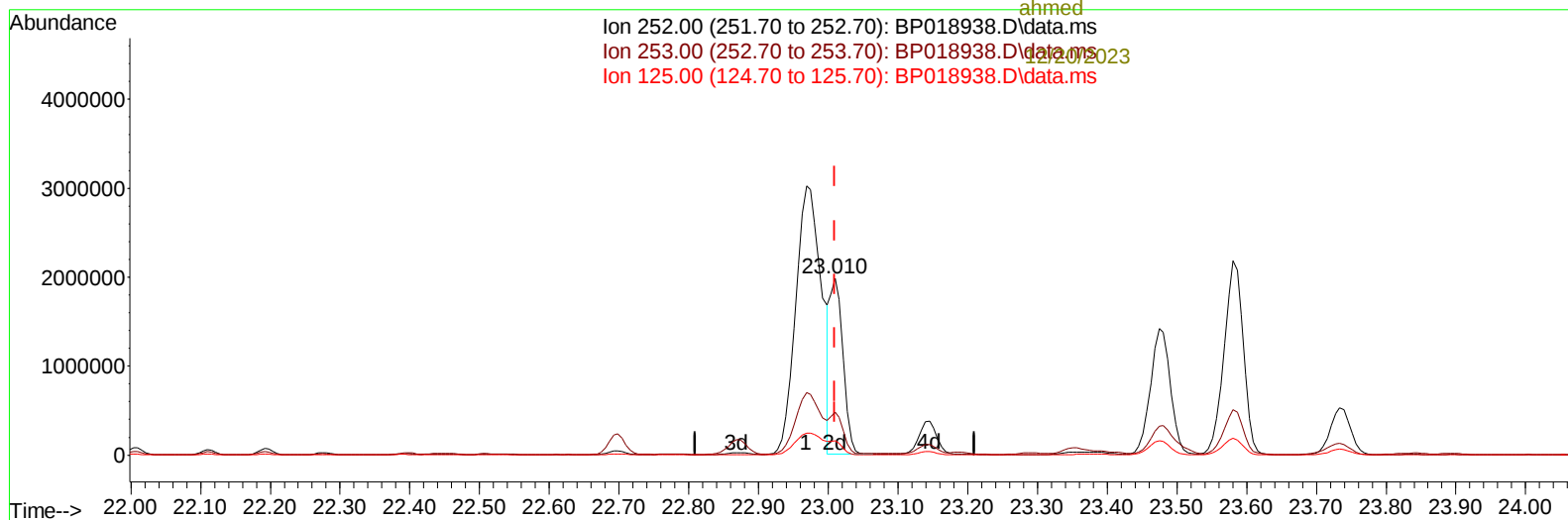
## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed

Quant Time: Dec 19 22:09:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BP018938.D\data.ms  
 Ion 253.00 (252.70 to 253.70): BP018938.D\data.ms  
 Ion 125.00 (124.70 to 125.70): BP018938.D\data.ms



TIC: BP018938.D\data.ms

## (91) Benzo(k)fluoranthene

23.010min (+ 0.000) 26.41 ng/ul m

response 2563786

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.10  | 24.08  |
| 125.00 | 10.00  | 7.95#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

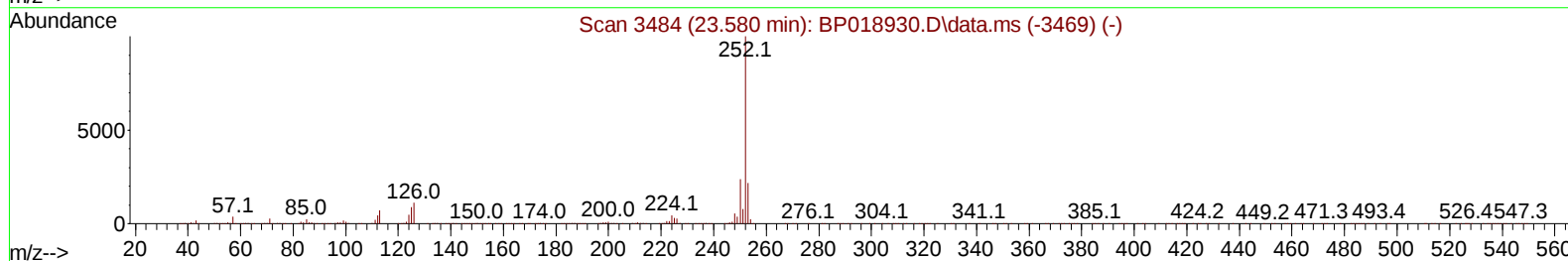
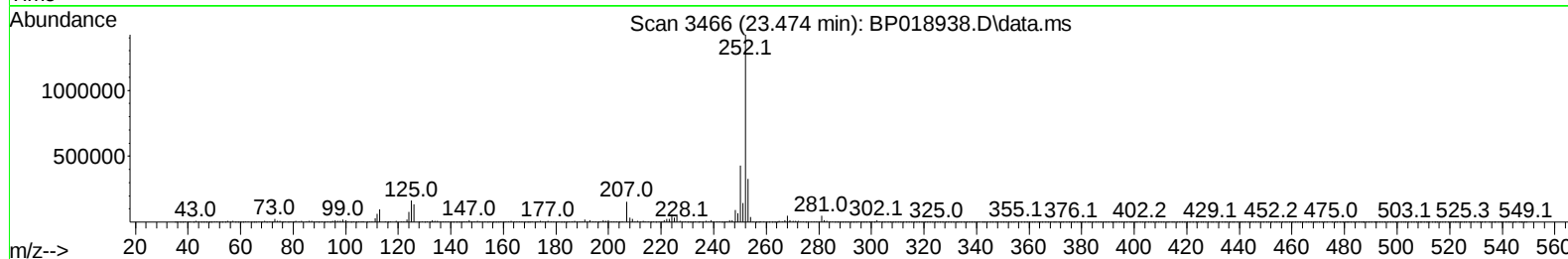
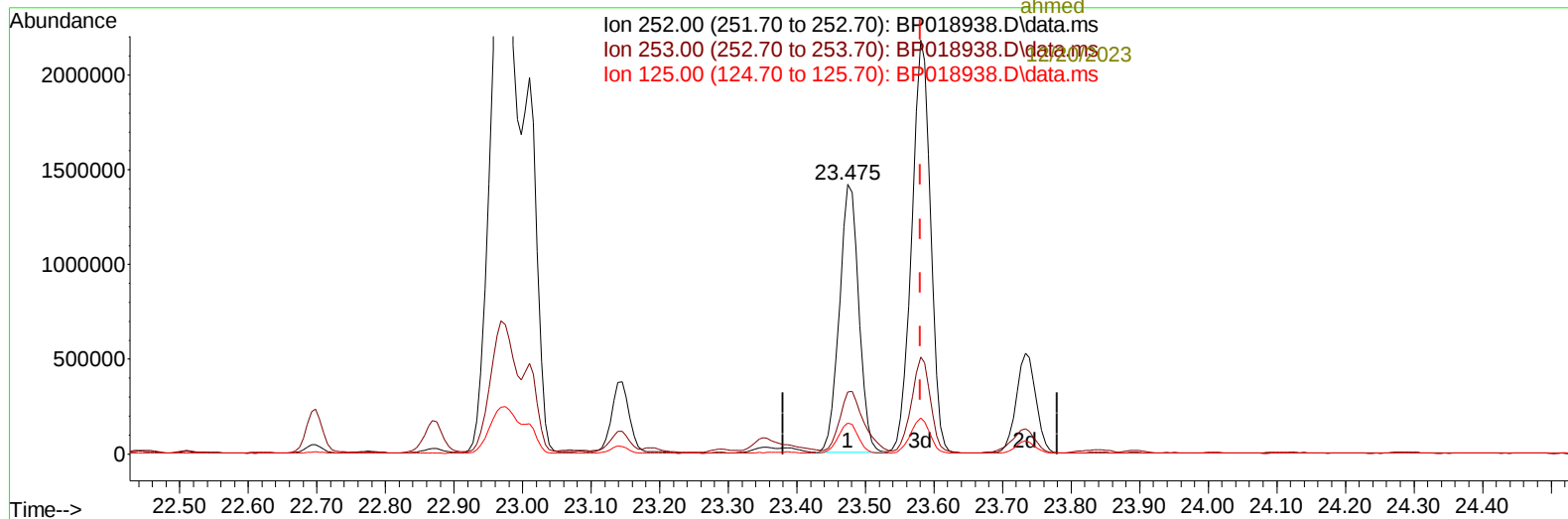
## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed

Quant Time: Dec 19 22:09:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BP018938.D\data.ms  
 Ion 253.00 (252.70 to 253.70): BP018938.D\data.ms  
 Ion 125.00 (124.70 to 125.70): BP018938.D\data.ms



TIC: BP018938.D\data.ms

## (93) Benzo(a)pyrene (C)

23.474min (-0.106) 30.49 ng/u1

response 2794518

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.30  | 23.06  |
| 125.00 | 11.50  | 11.52  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCLF8DL

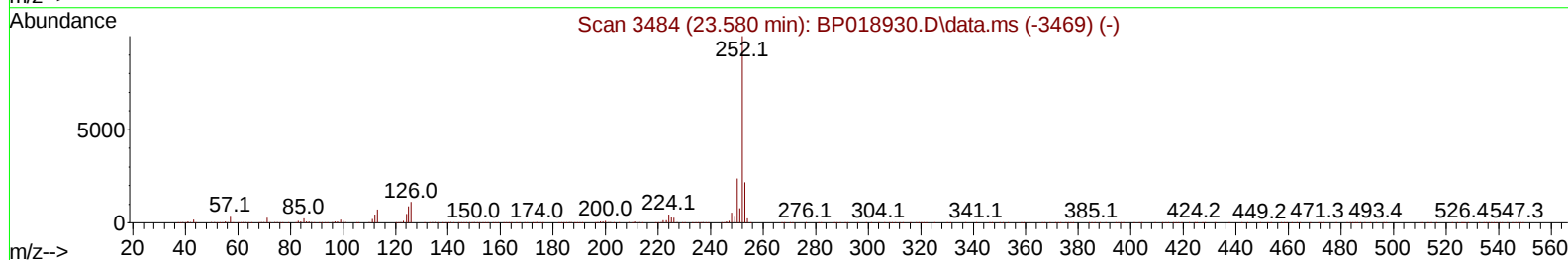
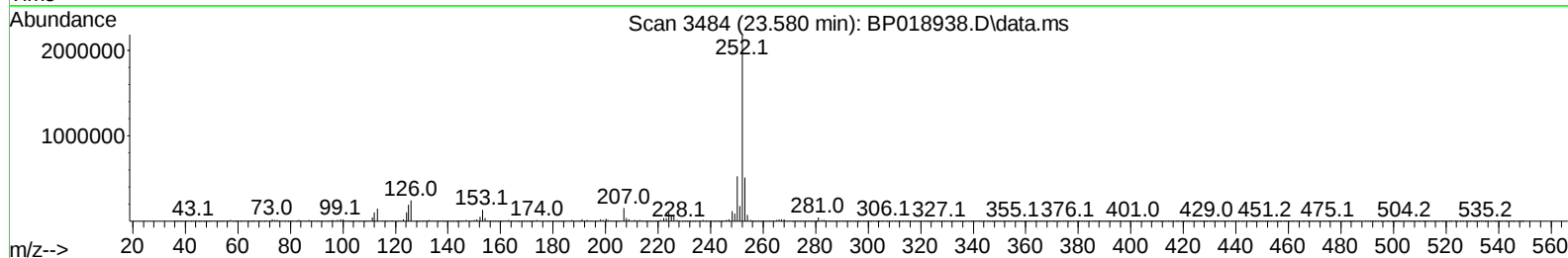
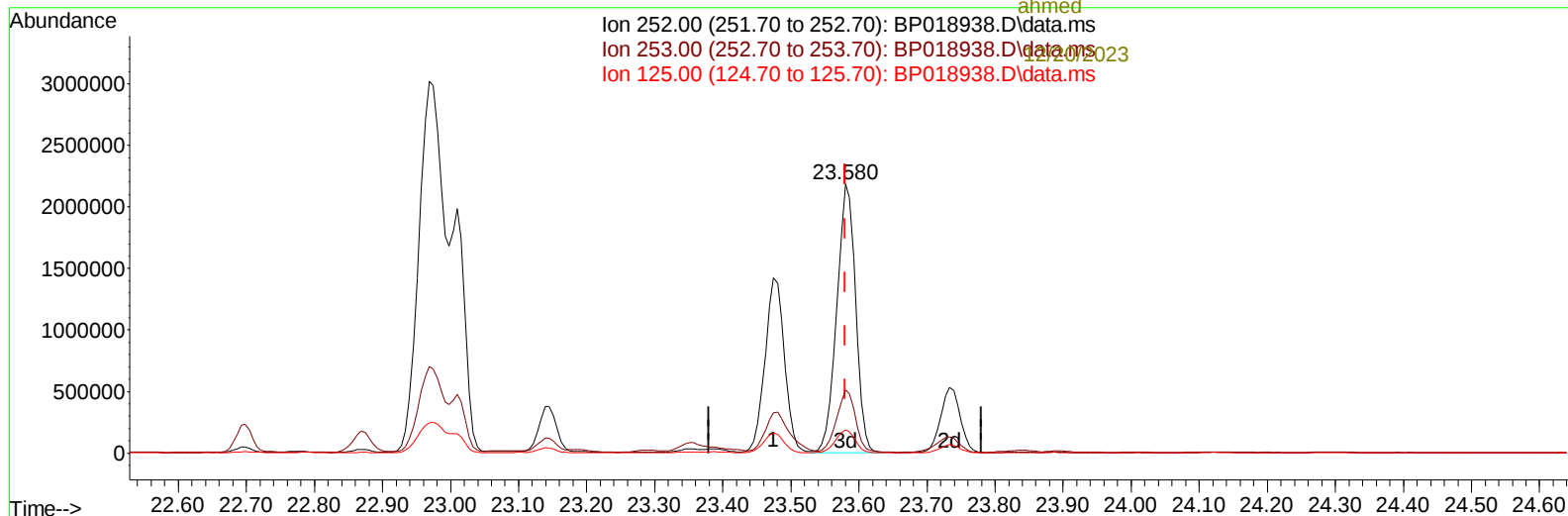
## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023  
 Supervised By :mohammad ahmed 12/20/2023

12/20/2023  
 Supervised By :mohammad  
 ahmed

Quant Time: Dec 19 22:09:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BP018938.D\data.ms  
 Ion 253.00 (252.70 to 253.70): BP018938.D\data.ms  
 Ion 125.00 (124.70 to 125.70): BP018938.D\data.ms



TIC: BP018938.D\data.ms

## (93) Benzo(a)pyrene (C)

23.580min (+ 0.000) 45.81 ng/ul m

response 4199518

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.30  | 23.38  |
| 125.00 | 11.50  | 8.67#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
 Data File : BP018938.D  
 Acq On : 19 Dec 2023 09:27  
 Operator : MA/JU  
 Sample : 05626-12DL 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

DCLF8DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

12/20/2023

Supervised By :mohammad  
ahmed

Quant Time: Dec 19 22:12:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|---------|--------|----------|
| -----12/20/2023               |        |      |           |         |        |          |
| Internal Standards            |        |      |           |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 231762    | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.634 | 136  | 806670    | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.469 | 164  | 504435    | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.240 | 188  | 957343    | 20.000  | ng/ul  | 0.02     |
| 79) Chrysene-d12              | 21.322 | 240  | 1033323   | 20.000  | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.680 | 264  | 1360632   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |           |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 2213      | 0.325   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 22136     | 1.215   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.011  | 99   | 47845     | 2.057   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 25439     | 1.845   | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.364  | 132  | 37595     | 2.072   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.552  | 113  | 36586     | 1.944   | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 20035     | 2.791   | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.711  | 143  | 16736     | 2.248   | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.258 | 165  | 36310     | 2.386   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d        | 0.000   | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 120216    | 2.670   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.157 | 160  | 119149    | 2.403   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d        | 0.000   | ng/ul  |          |
| 60) Fluorene-d10              | 15.463 | 176  | 105588    | 2.794   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d        | 0.000   | ng/ul  |          |
| 73) Anthracene-d10            | 17.357 | 188  | 138729    | 2.756   | ng/ul  | 0.04     |
| 81) Pyrene-d10                | 19.569 | 212  | 182560    | 2.270   | ng/ul  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 23.527 | 264  | 208287    | 2.625   | ng/ul  | 0.00     |
| Target Compounds              |        |      |           |         |        |          |
|                               |        |      |           |         | Qvalue |          |
| 30) Naphthalene               | 10.693 | 128  | 22835898m | 466.652 | ng/ul  |          |
| 36) 2-Methylnaphthalene       | 12.310 | 142  | 13001378  | 375.025 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.522 | 142  | 7062350   | 201.720 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.187 | 152  | 814248    | 14.609  | ng/ul# | 88       |
| 52) Acenaphthene              | 14.563 | 153  | 20411683  | 553.869 | ng/ul  | 98       |
| 61) Fluorene                  | 15.551 | 166  | 23898940  | 589.674 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.275 | 178  | 44573855m | 770.919 | ng/ul  |          |
| 74) Anthracene                | 17.387 | 178  | 29014207m | 500.622 | ng/ul  |          |
| 80) Fluoranthene              | 19.239 | 202  | 31826186m | 334.735 | ng/ul  |          |
| 82) Pyrene                    | 19.598 | 202  | 26586898m | 277.186 | ng/ul  |          |
| 85) Benzo(a)anthracene        | 21.310 | 228  | 12581914  | 150.011 | ng/ul  | 96       |
| 87) Chrysene                  | 21.363 | 228  | 11129793m | 144.097 | ng/ul  |          |
| 90) Benzo(b)fluoranthene      | 22.969 | 252  | 7752472   | 77.277  | ng/ul  | 96       |
| 91) Benzo(k)fluoranthene      | 23.010 | 252  | 2563786m  | 26.413  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.580 | 252  | 4199518m  | 45.813  | ng/ul  |          |
| 94) Indeno(1,2,3-cd)pyrene    | 26.139 | 276  | 1494093   | 13.642  | ng/ul# | 93       |
| 95) Dibenzo(a,h)anthracene    | 26.151 | 278  | 410583    | 4.507   | ng/ul  | 94       |
| 96) Benzo(g,h,i)perylene      | 26.898 | 276  | 594338    | 6.743   | ng/ul  | 95       |
| -----                         |        |      |           |         |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121823\  
Data File : BP018938.D  
Acq On : 19 Dec 2023 09:27  
Operator : MA/JU  
Sample : 05626-12DL 10X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCLF8DL

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