

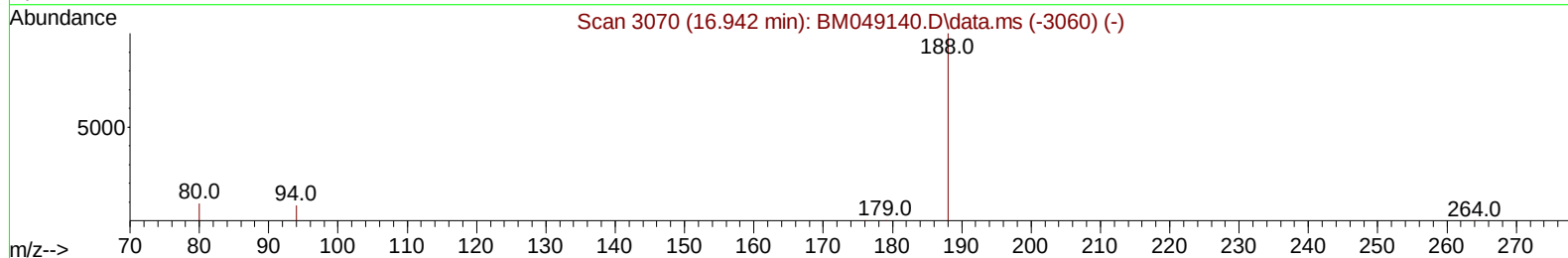
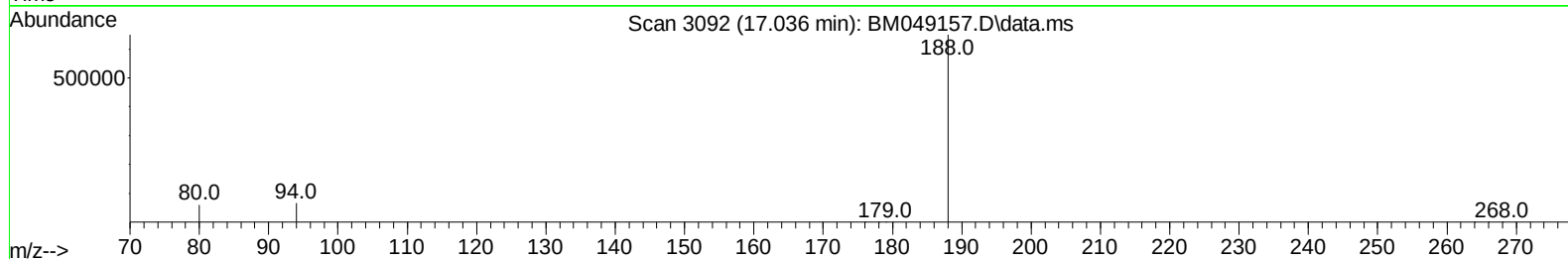
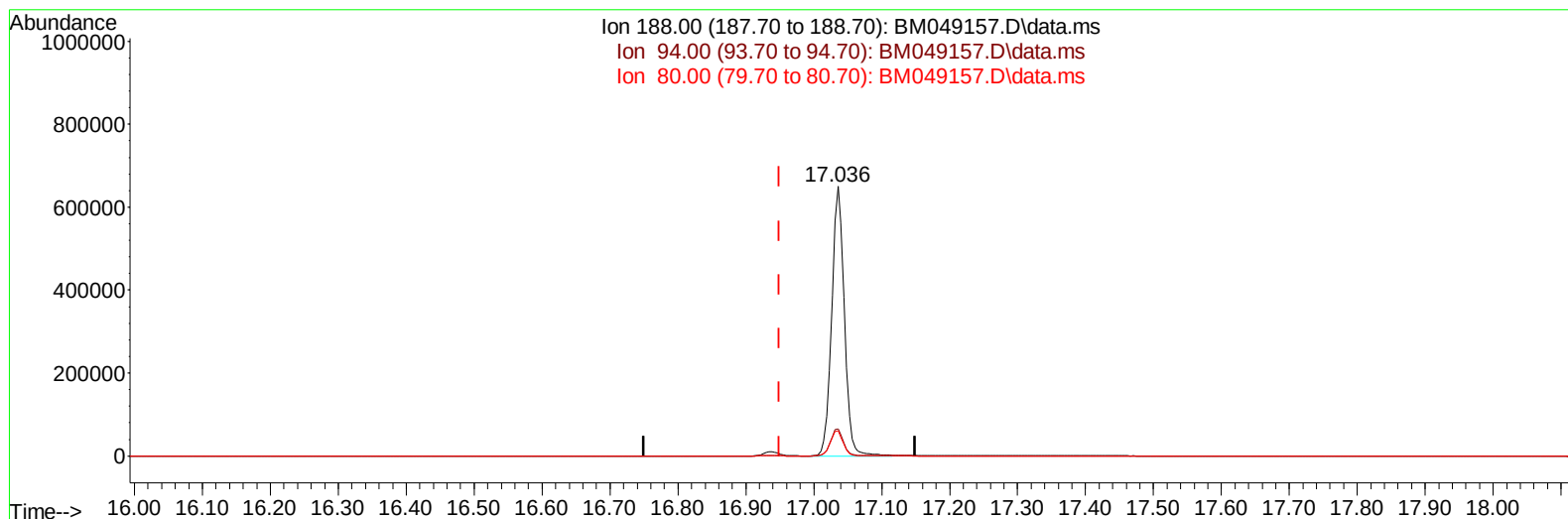
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
Data File : BM049157.D  
Acq On : 23 Dec 2024 22:08  
Operator : RC/JU  
Sample : PB165780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK780

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:59:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 18 15:33:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049157.D\data.ms

**(13) Phenanthrene-d10 (I)**

**17.036min (+ 0.086) 0.40 ng/u1**

**response 842455**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.80   | 10.05  |
| 80.00  | 10.70  | 9.29   |
| 0.00   | 0.00   | 0.00   |

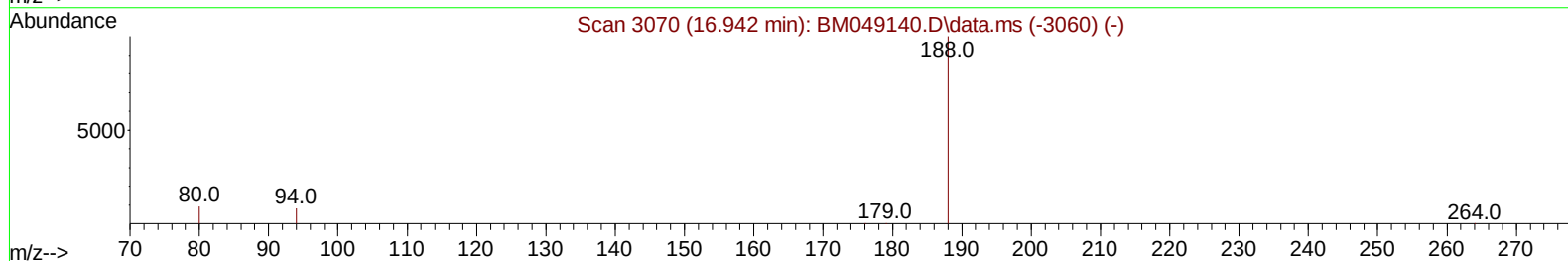
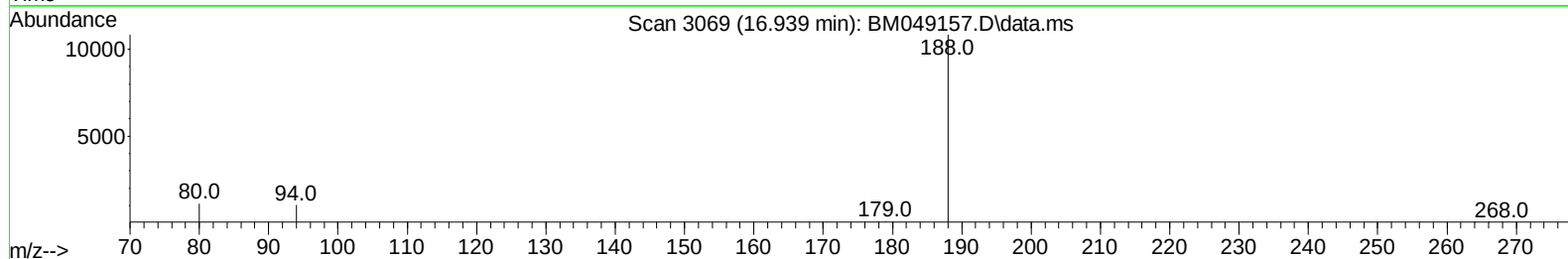
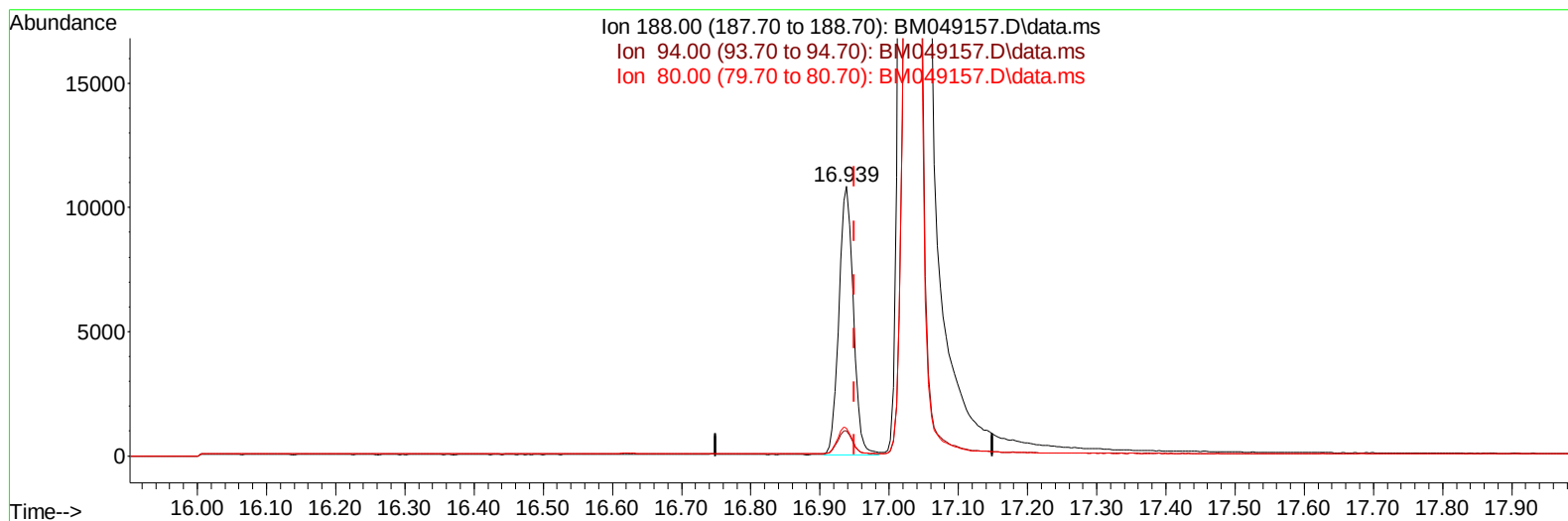
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
Data File : BM049157.D  
Acq On : 23 Dec 2024 22:08  
Operator : RC/JU  
Sample : PB165780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK780

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:59:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
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TIC: BM049157.D\data.ms

(13) Phenanthrene-d10 (I)

16.939min (-0.011) 0.40 ng/ul m

response 15657

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.80   | 9.45   |
| 80.00  | 10.70  | 10.39  |
| 0.00   | 0.00   | 0.00   |

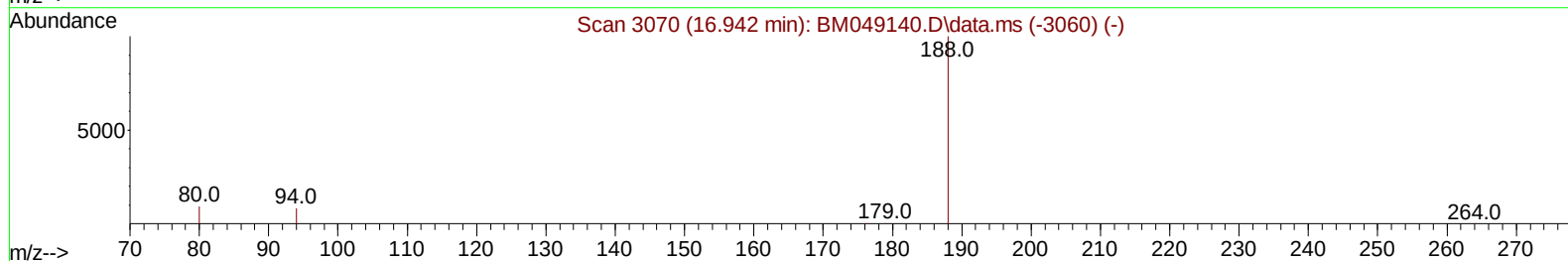
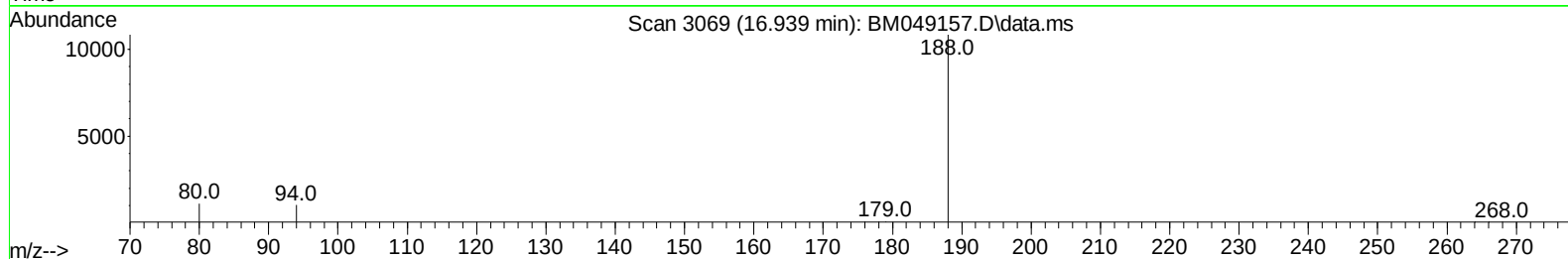
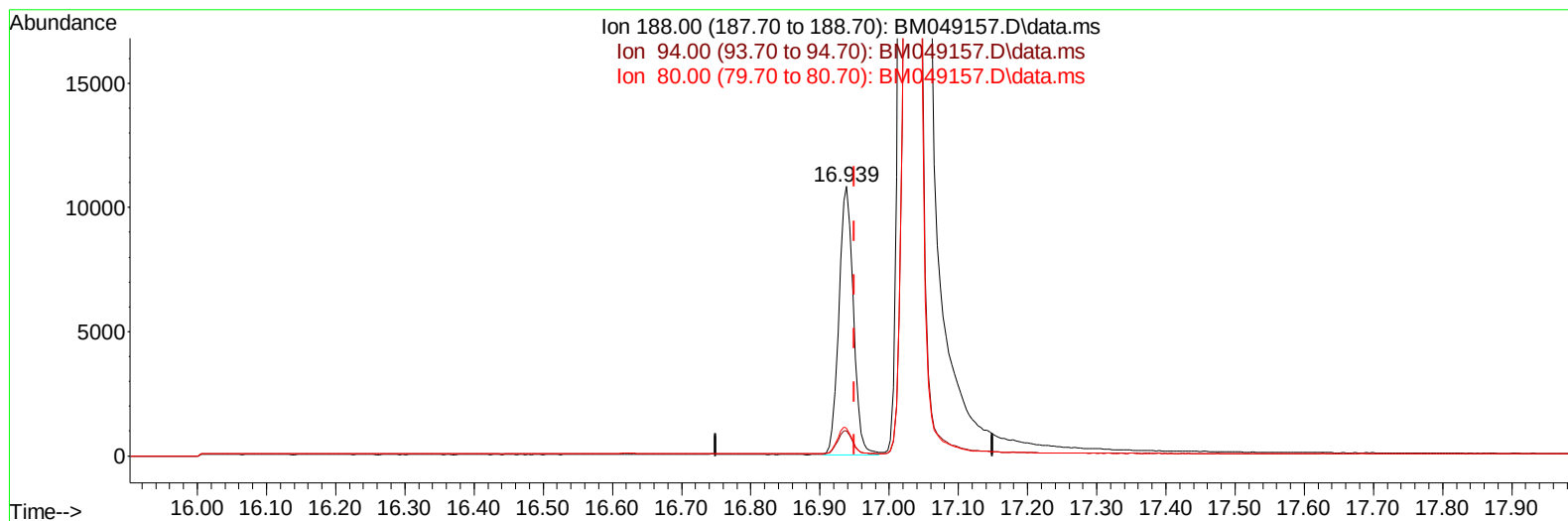
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
Data File : BM049157.D  
Acq On : 23 Dec 2024 22:08  
Operator : RC/JU  
Sample : PB165780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK780

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:59:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
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TIC: BM049157.D\data.ms

(13) Phenanthrene-d10 (I)

16.939min (-0.011) 0.40 ng/ul m

response 15657

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.80   | 9.45   |
| 80.00  | 10.70  | 10.39  |
| 0.00   | 0.00   | 0.00   |

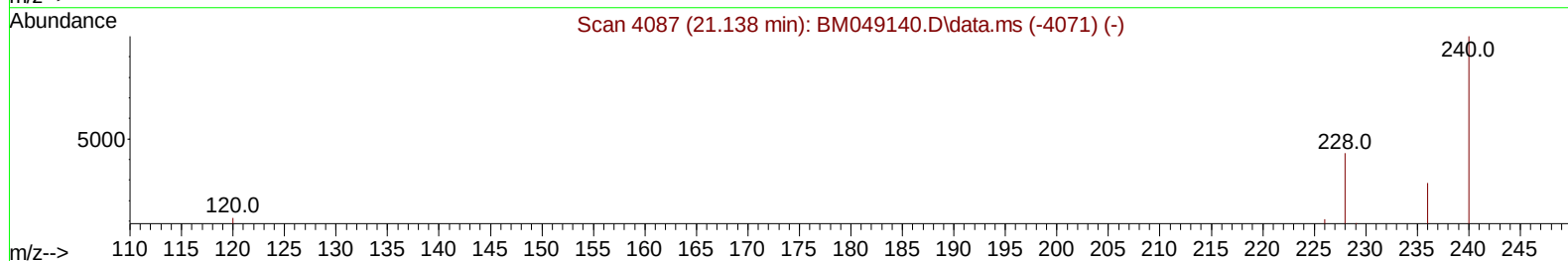
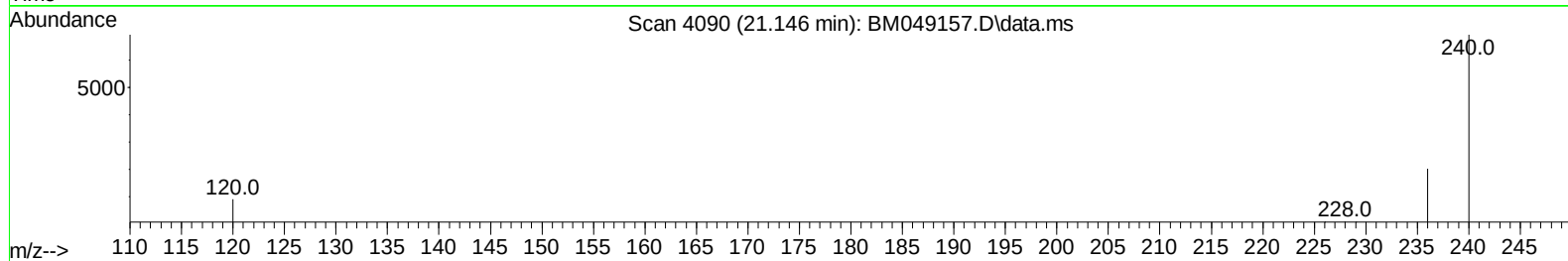
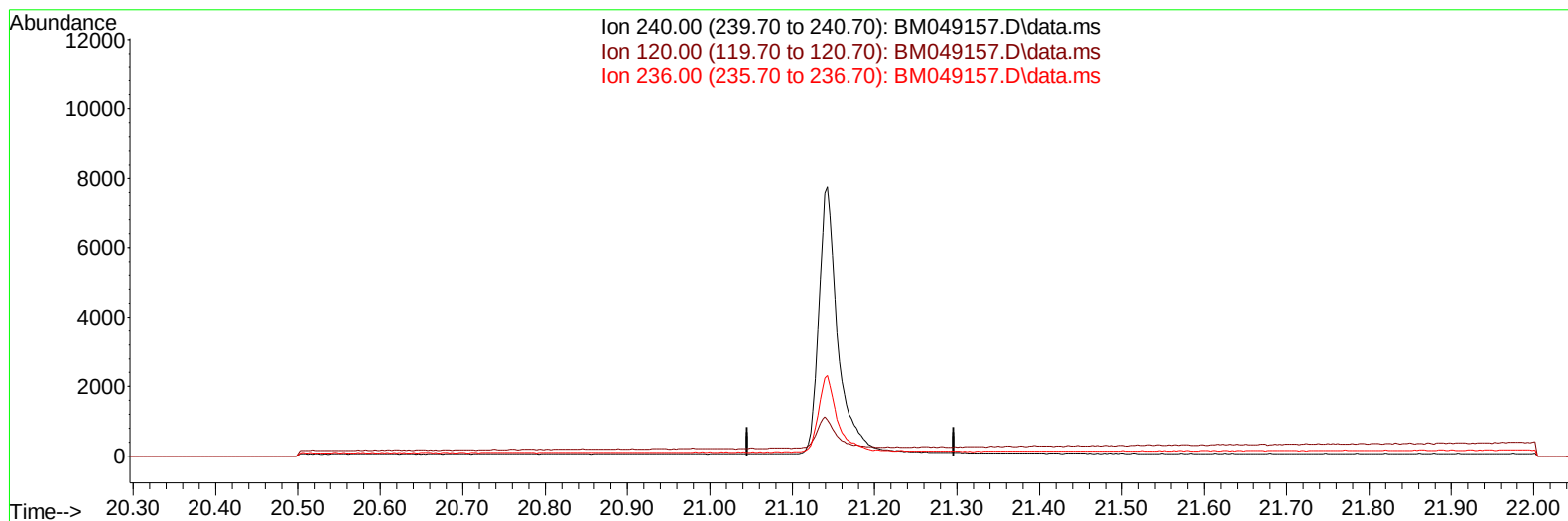
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
Data File : BM049157.D  
Acq On : 23 Dec 2024 22:08  
Operator : RC/JU  
Sample : PB165780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK780

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:59:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 18 15:33:13 2024  
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TIC: BM049157.D\data.ms

(17) Chrysene-d12

21.146min (-21.146) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 240.00 | 100.00 | 0.00  |
| 120.00 | 14.50  | 0.00# |
| 236.00 | 29.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

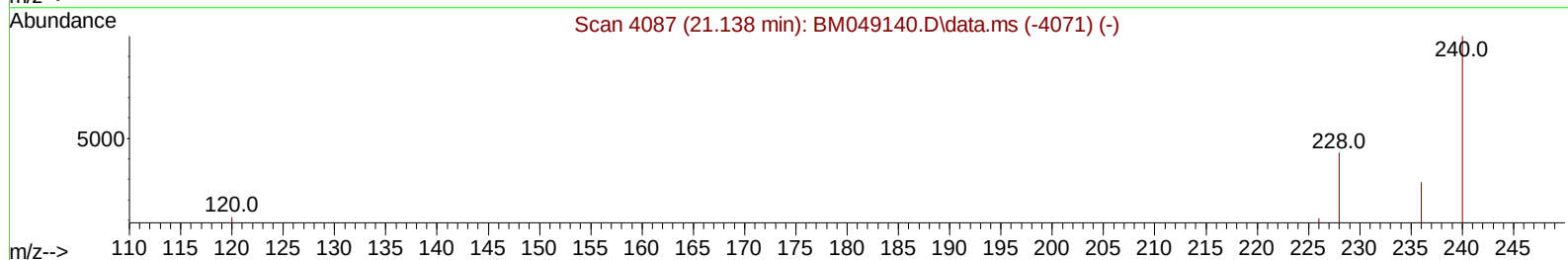
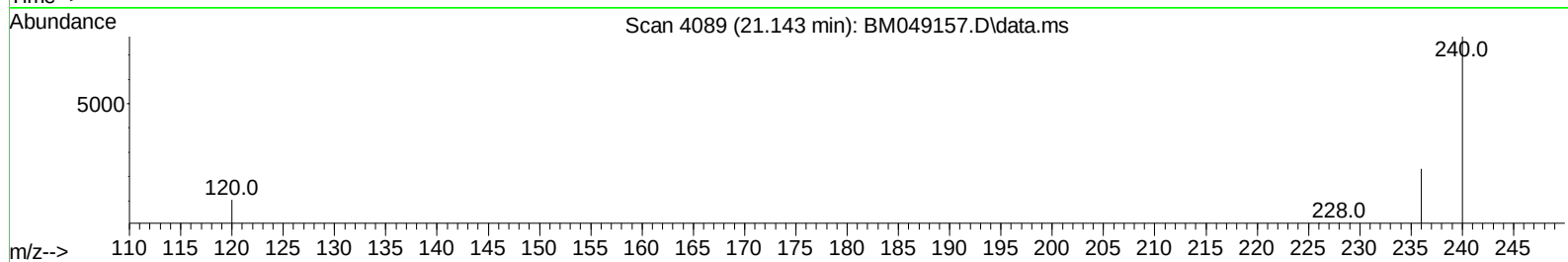
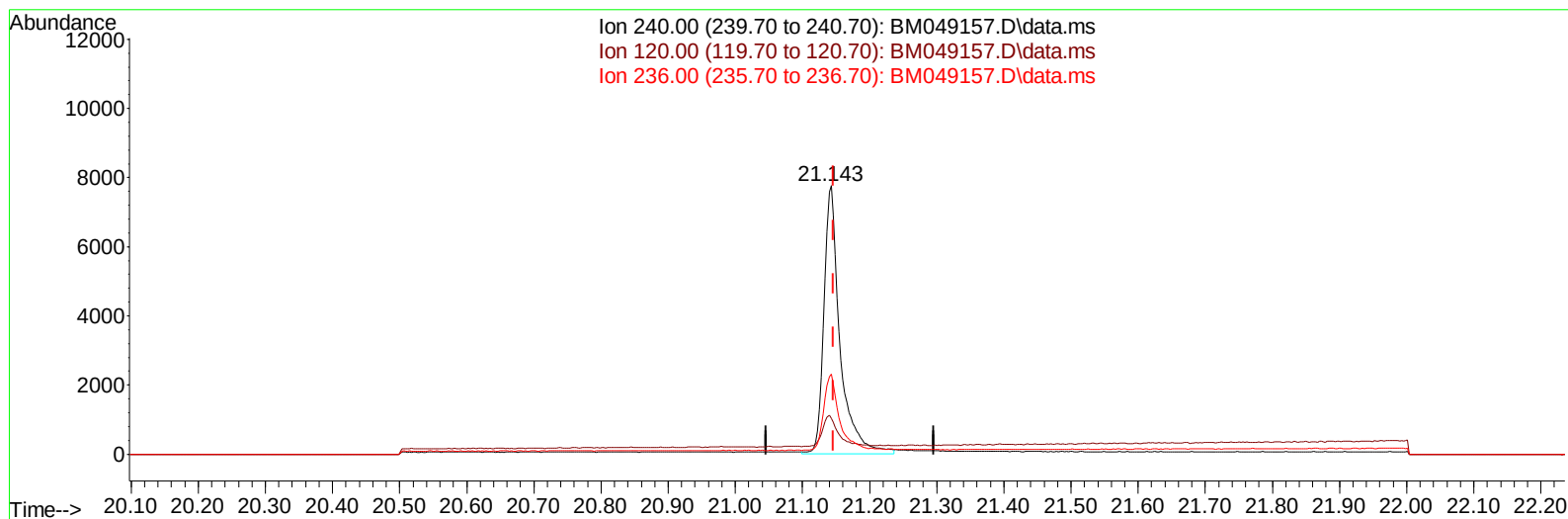
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
Data File : BM049157.D  
Acq On : 23 Dec 2024 22:08  
Operator : RC/JU  
Sample : PB165780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK780

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:59:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 18 15:33:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049157.D\data.ms

(17) Chrysene-d12

21.143min (-0.003) 0.40 ng/ul m

response 12795

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 14.50  | 13.43  |
| 236.00 | 29.80  | 29.83  |
| 0.00   | 0.00   | 0.00   |

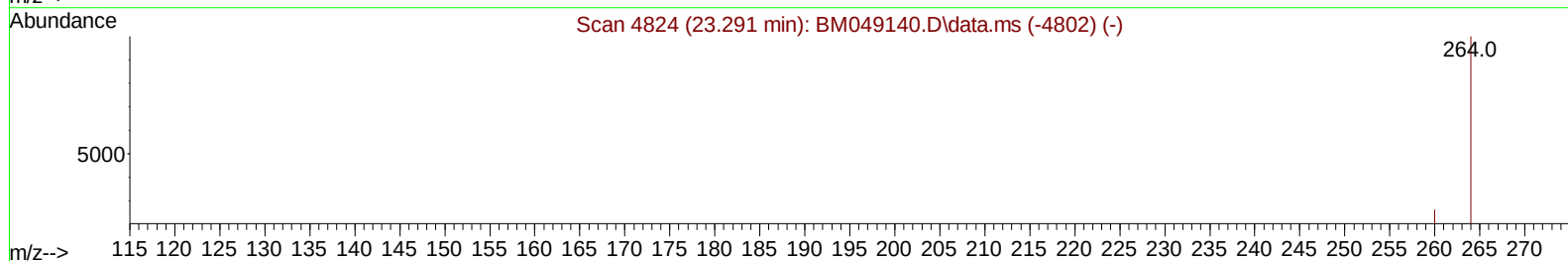
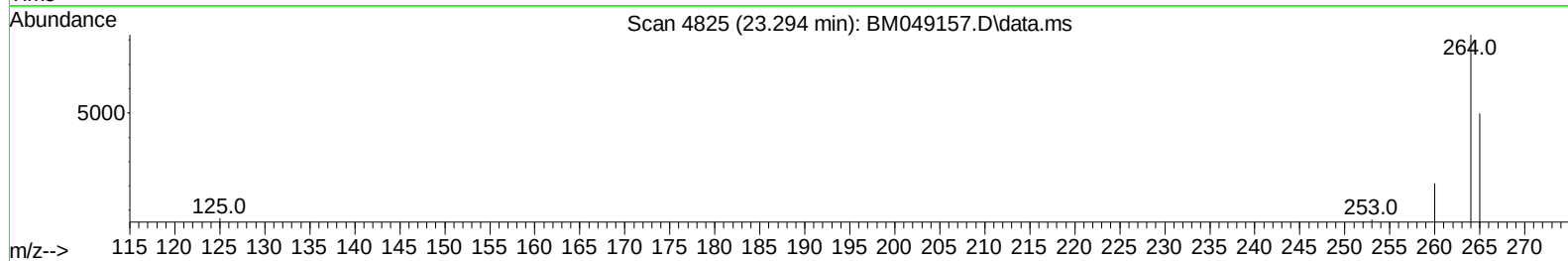
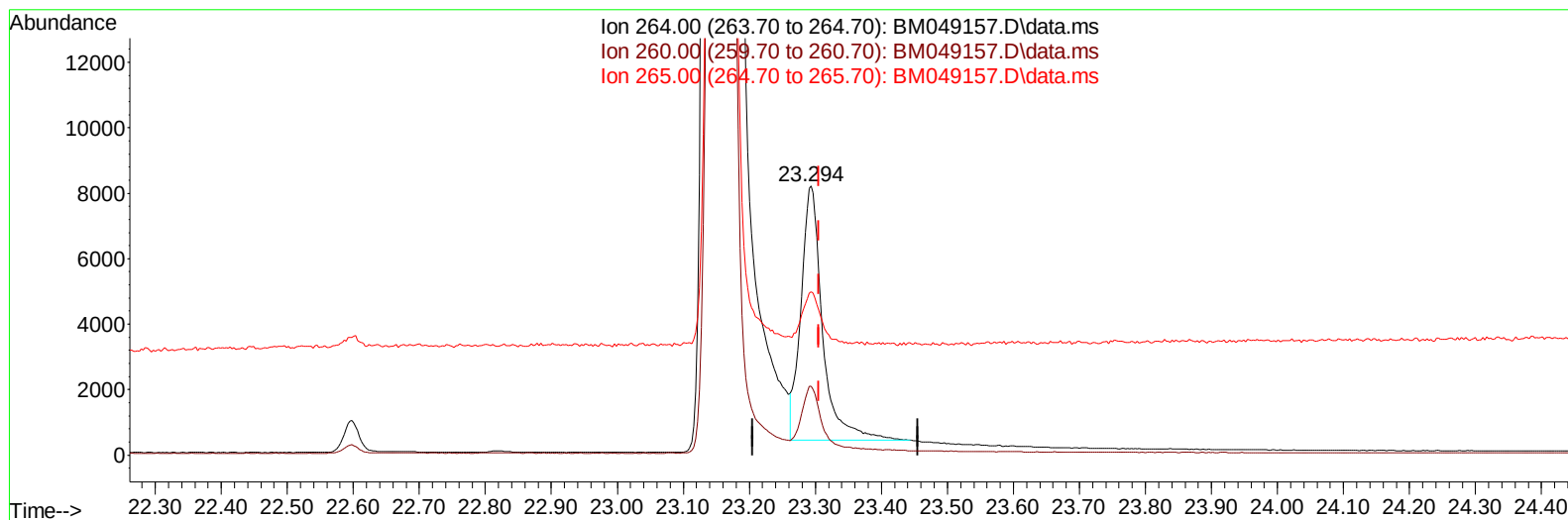
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
Data File : BM049157.D  
Acq On : 23 Dec 2024 22:08  
Operator : RC/JU  
Sample : PB165780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK780

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:59:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 18 15:33:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049157.D\data.ms

(23) Perylene-d12 (I)

23.294min (-0.012) 0.40 ng/u1

response 17860

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.80  | 25.54  |
| 265.00 | 78.30  | 60.73# |
| 0.00   | 0.00   | 0.00   |

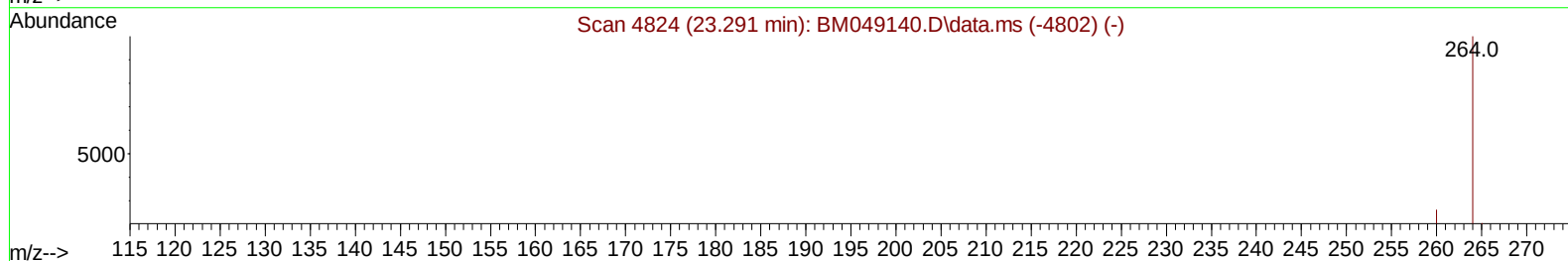
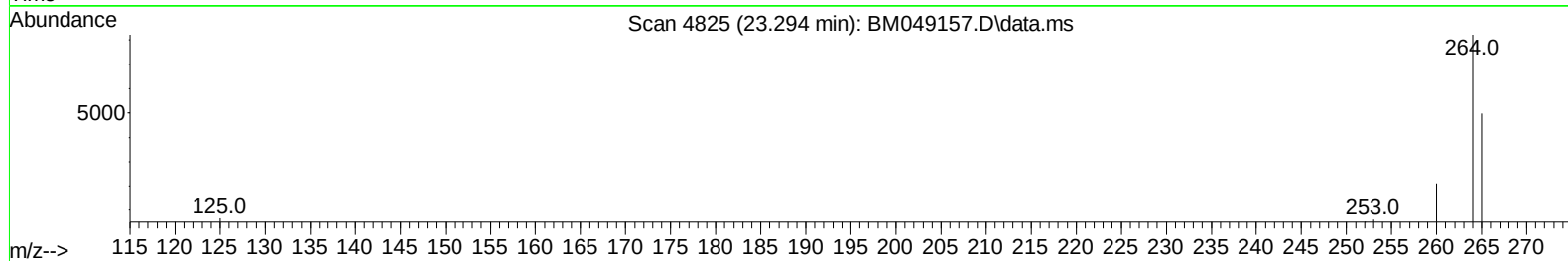
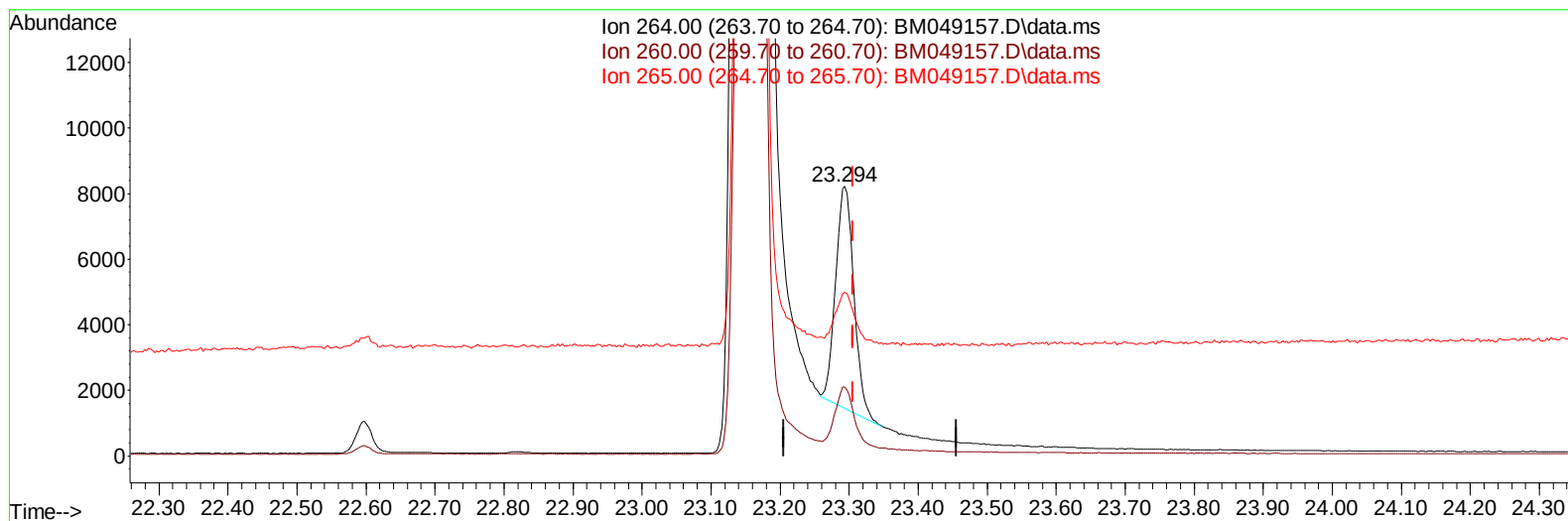
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
Data File : BM049157.D  
Acq On : 23 Dec 2024 22:08  
Operator : RC/JU  
Sample : PB165780BL  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK780

Manual IntegrationsAPPROVED

Quant Time: Dec 23 22:59:19 2024  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 18 15:33:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049157.D\data.ms

(23) Perylene-d12 (I)

23.294min (-0.012) 0.40 ng/ul m

response 12392

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.80  | 25.54  |
| 265.00 | 78.30  | 60.73# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122324\  
 Data File : BM049157.D  
 Acq On : 23 Dec 2024 22:08  
 Operator : RC/JU  
 Sample : PB165780BL  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK780

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024  
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 22:59:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 18 15:33:13 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.552  | 152  | 4749     | 0.400 | ng/ul | -0.02    |
| 4) Naphthalene-d8           | 10.315 | 136  | 13239    | 0.400 | ng/ul | -0.02    |
| 9) Acenaphthene-d10         | 14.187 | 164  | 7131     | 0.400 | ng/ul | -0.01    |
| 13) Phenanthrene-d10        | 16.939 | 188  | 15657m   | 0.400 | ng/ul | -0.01    |
| 17) Chrysene-d12            | 21.143 | 240  | 12795m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.294 | 264  | 12392m   | 0.400 | ng/ul | -0.01    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.143  | 96   | 25798    | 4.710 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.926 | 152  | 4109     | 0.231 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 18.974 | 212  | 8846     | 0.244 | ng/ul | 0.00     |

|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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



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