

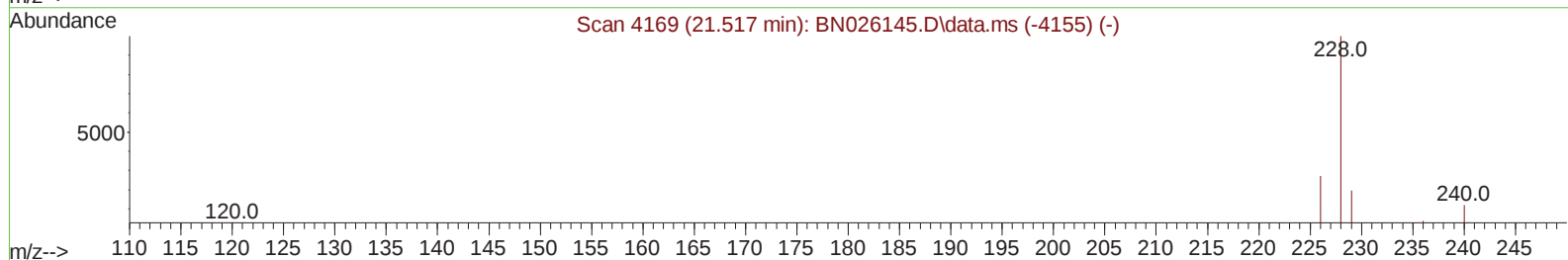
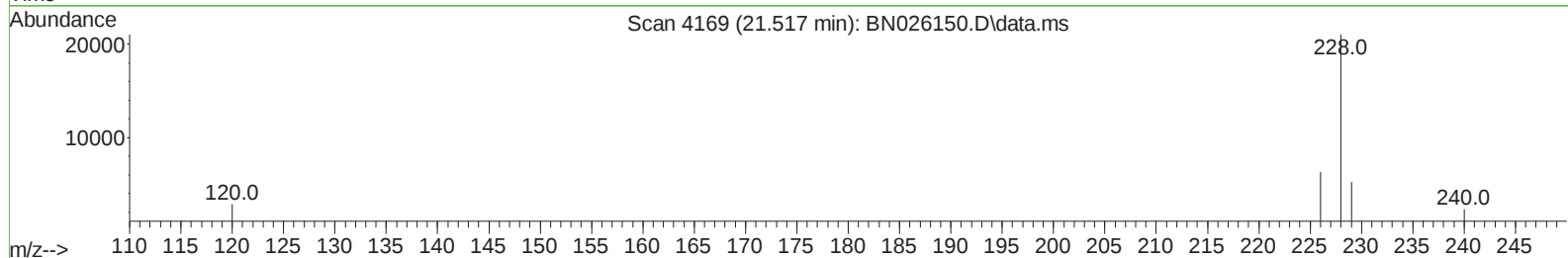
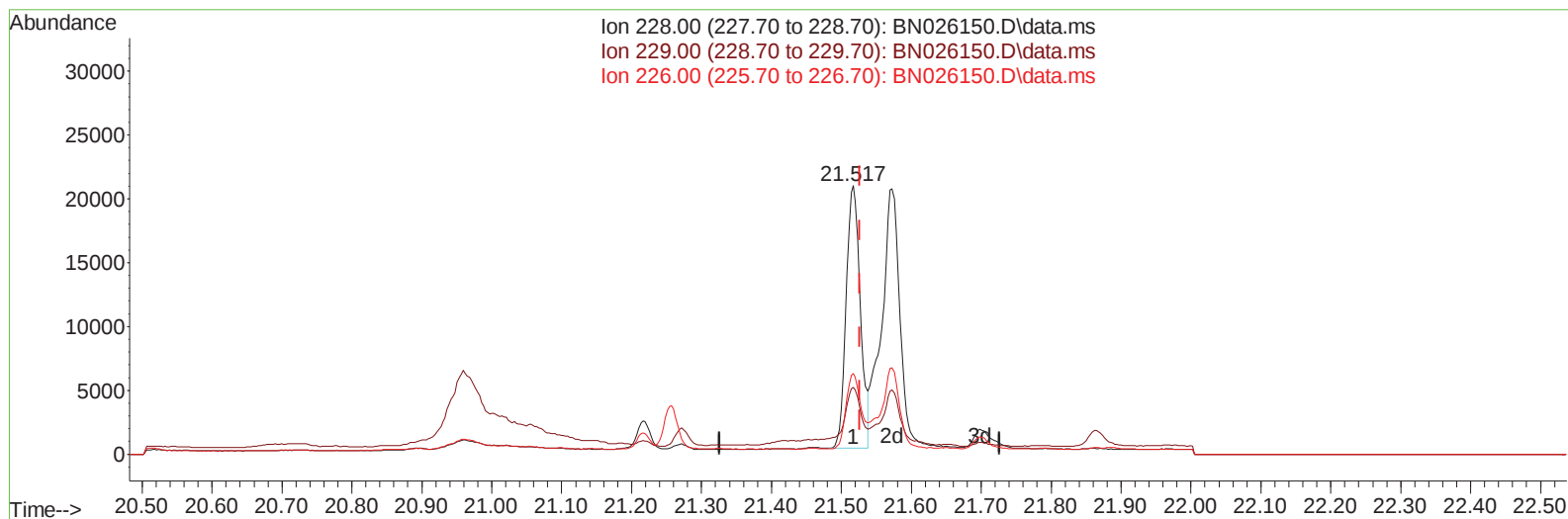
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026150.D  
 Acq On : 01 Jul 2023 14:13  
 Operator : MA/JU  
 Sample : 03239-10RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFY8RE

Manual IntegrationsAPPROVED

Quant Time: Jul 01 22:34:58 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 01 01:46:24 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/02/2023  
 Supervised By :Sohil Jodhani 07/02/2023



TIC: BN026150.D\data.ms

(21) Benzo(a)anthracene

21.517min (-0.010) 0.38 ng/u1

response 28958

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 19.70  | 24.87# |
| 226.00 | 28.10  | 30.03  |
| 0.00   | 0.00   | 0.00   |

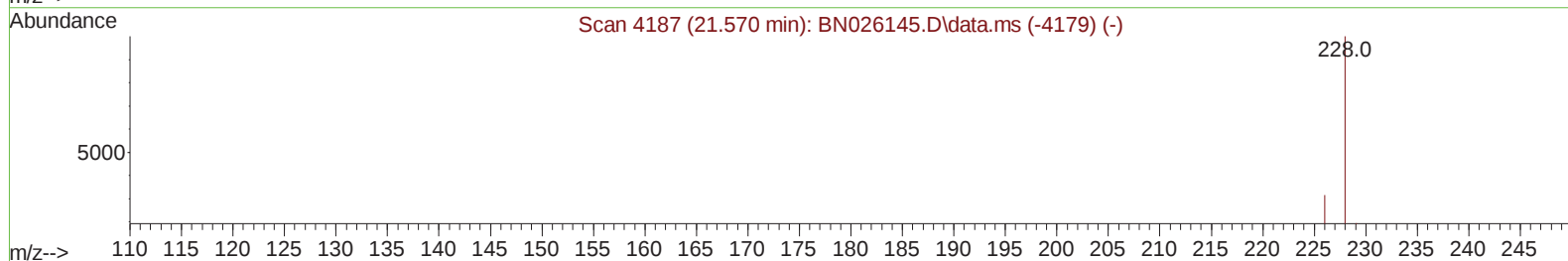
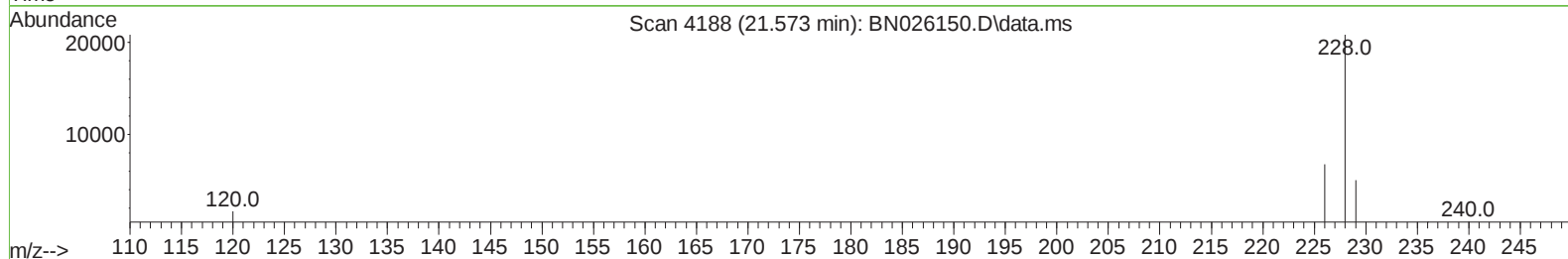
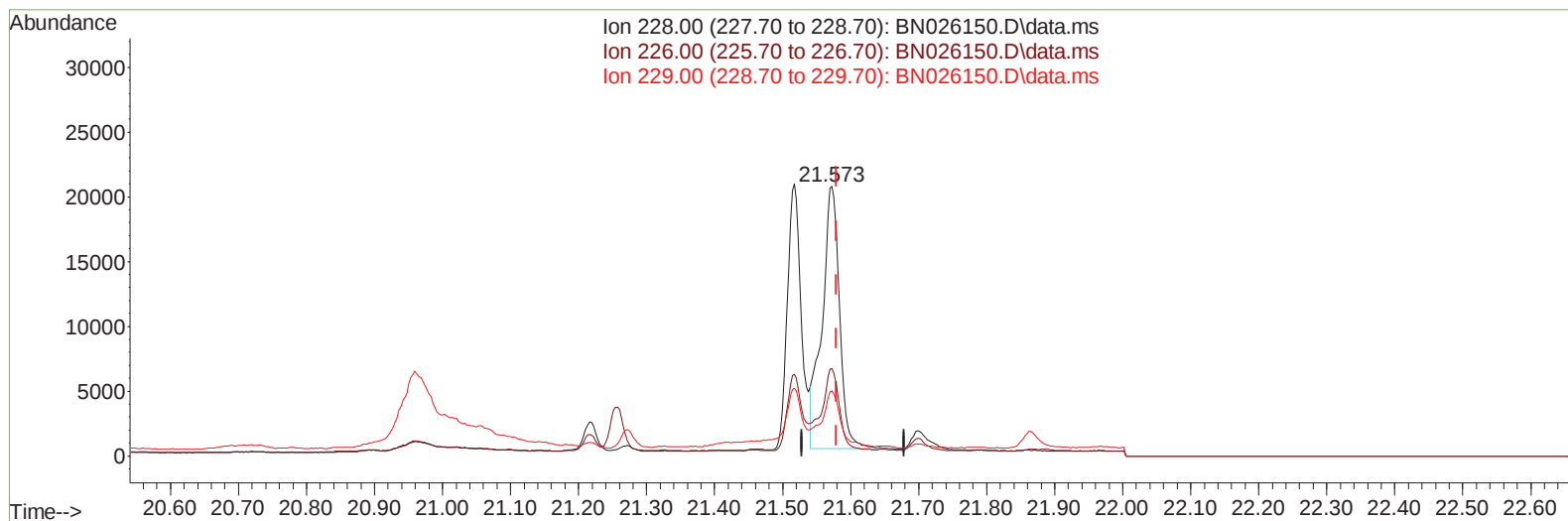
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026150.D  
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## Manual IntegrationsAPPROVED

Quant Time: Jul 01 22:34:58 2023  
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TIC: BN026150.D\data.ms

## (22) Chrysene

21.573min (-0.007) 0.46 ng/u1

response 36301

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.00  | 32.53  |
| 229.00 | 19.60  | 24.23# |
| 0.00   | 0.00   | 0.00   |

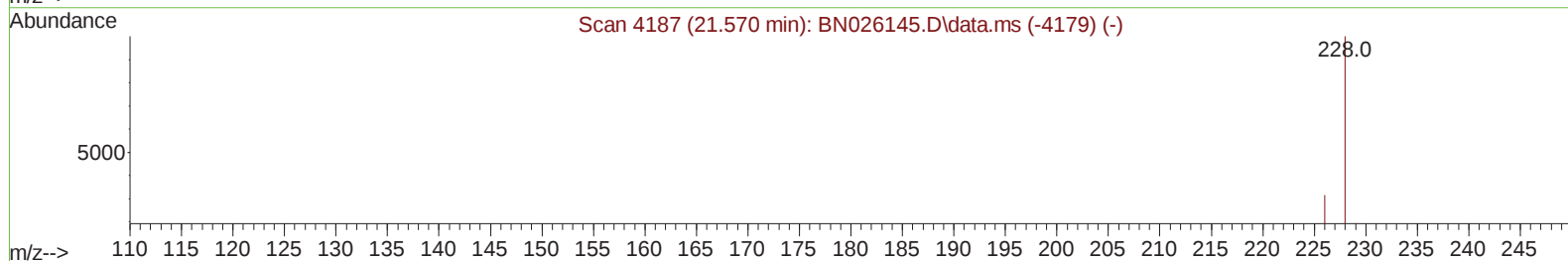
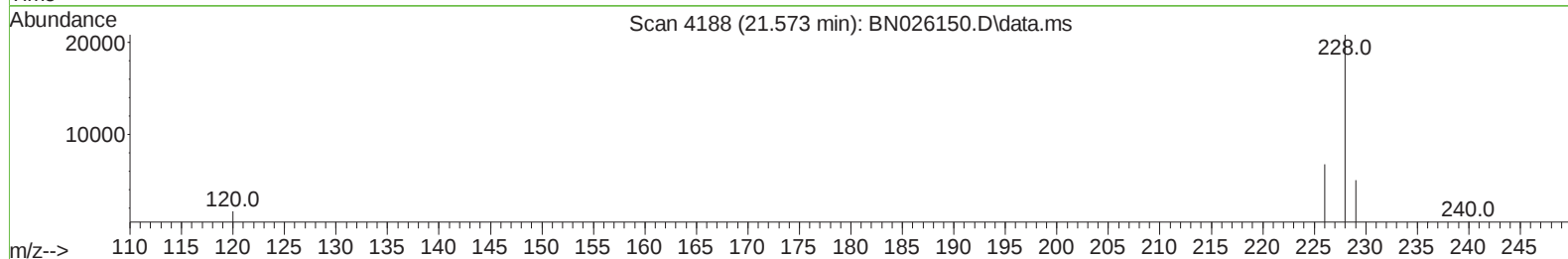
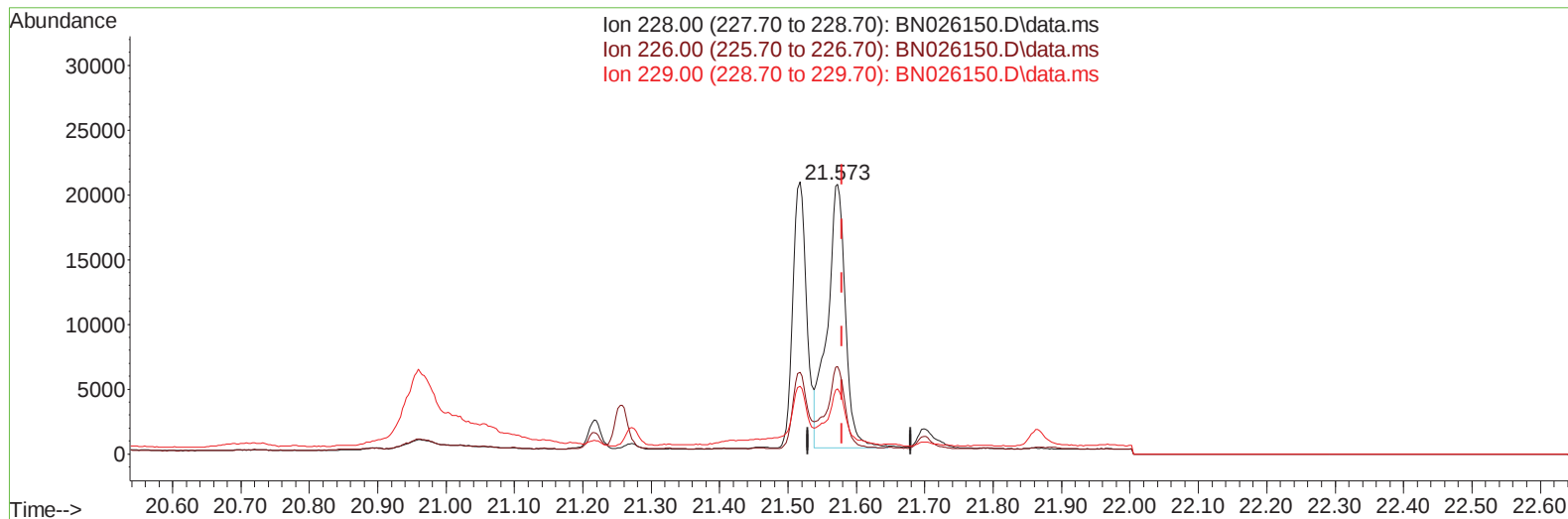
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026150.D  
Acq On : 01 Jul 2023 14:13  
Operator : MA/JU  
Sample : 03239-10RE  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFY8RE

Manual IntegrationsAPPROVED

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TIC: BN026150.D\data.ms

(22) Chrysene

21.573min (-0.007) 0.48 ng/ul m

response 37761

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.00  | 32.53  |
| 229.00 | 19.60  | 24.23# |
| 0.00   | 0.00   | 0.00   |

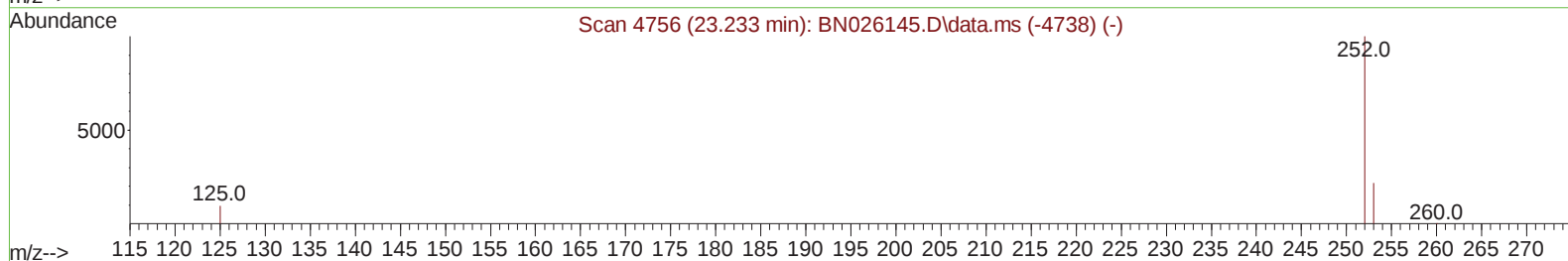
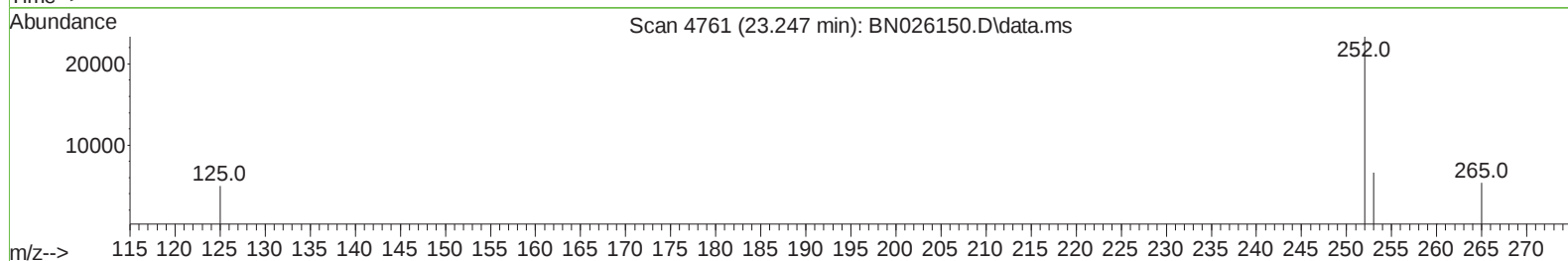
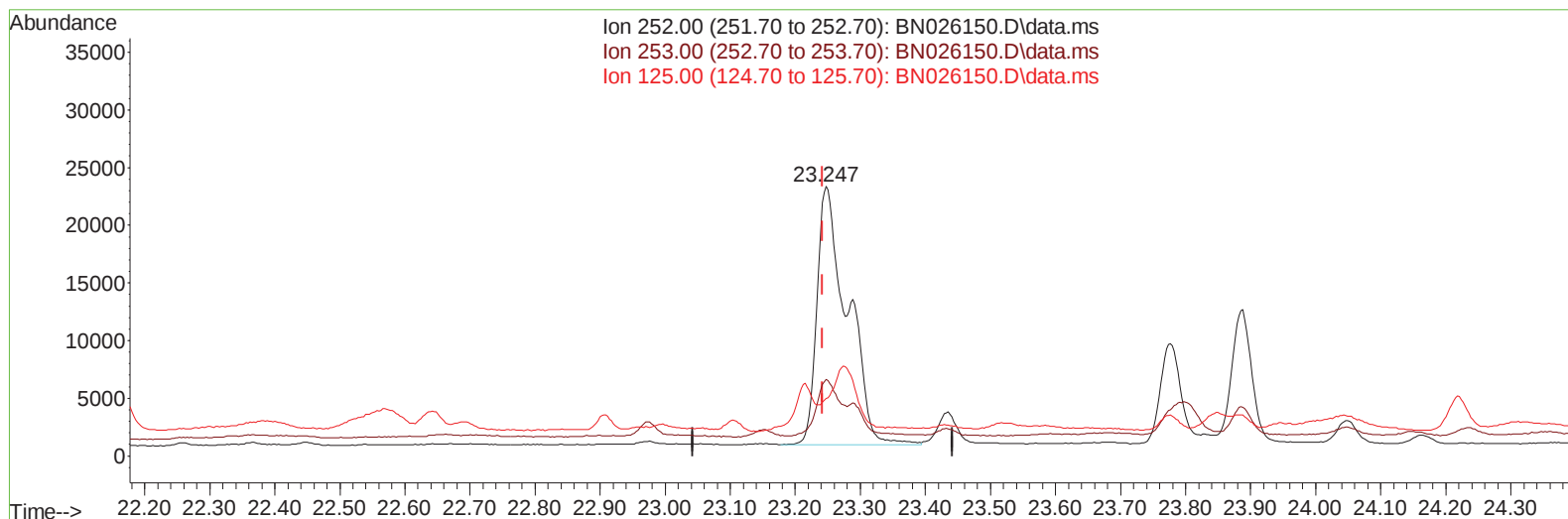
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026150.D  
 Acq On : 01 Jul 2023 14:13  
 Operator : MA/JU  
 Sample : 03239-10RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFY8RE

Manual IntegrationsAPPROVED

Quant Time: Jul 01 22:34:58 2023  
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Reviewed By :Yogesh Patel 07/02/2023  
 Supervised By :Sohil Jodhani 07/02/2023



TIC: BN026150.D\data.ms

**(24) Benzo(b)fluoranthene**

23.247min (+ 0.005) 0.92 ng/u1

response 72838

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 28.42  |
| 125.00 | 17.90  | 21.28  |
| 0.00   | 0.00   | 0.00   |

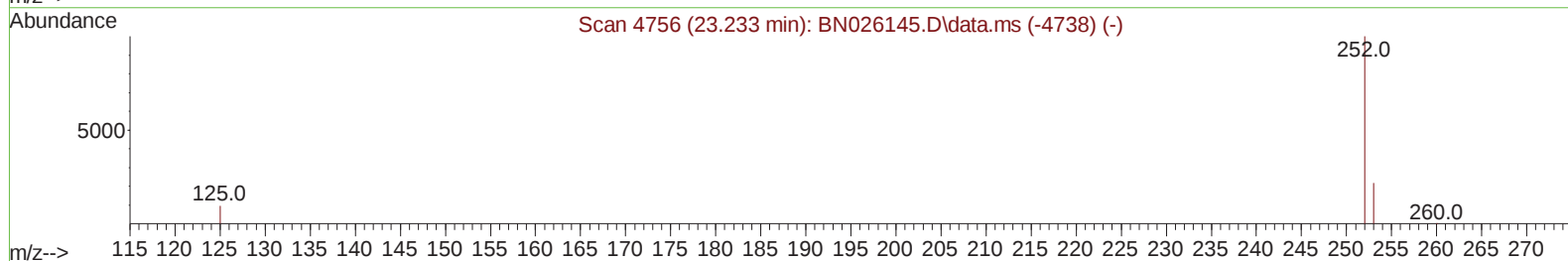
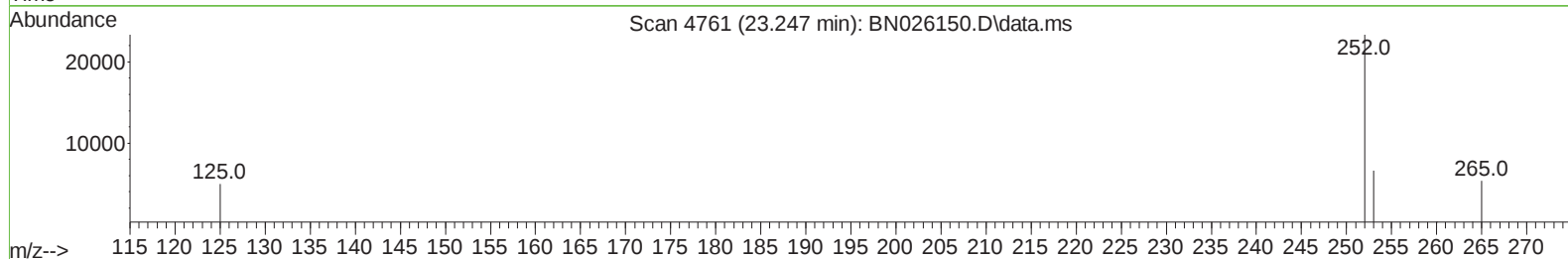
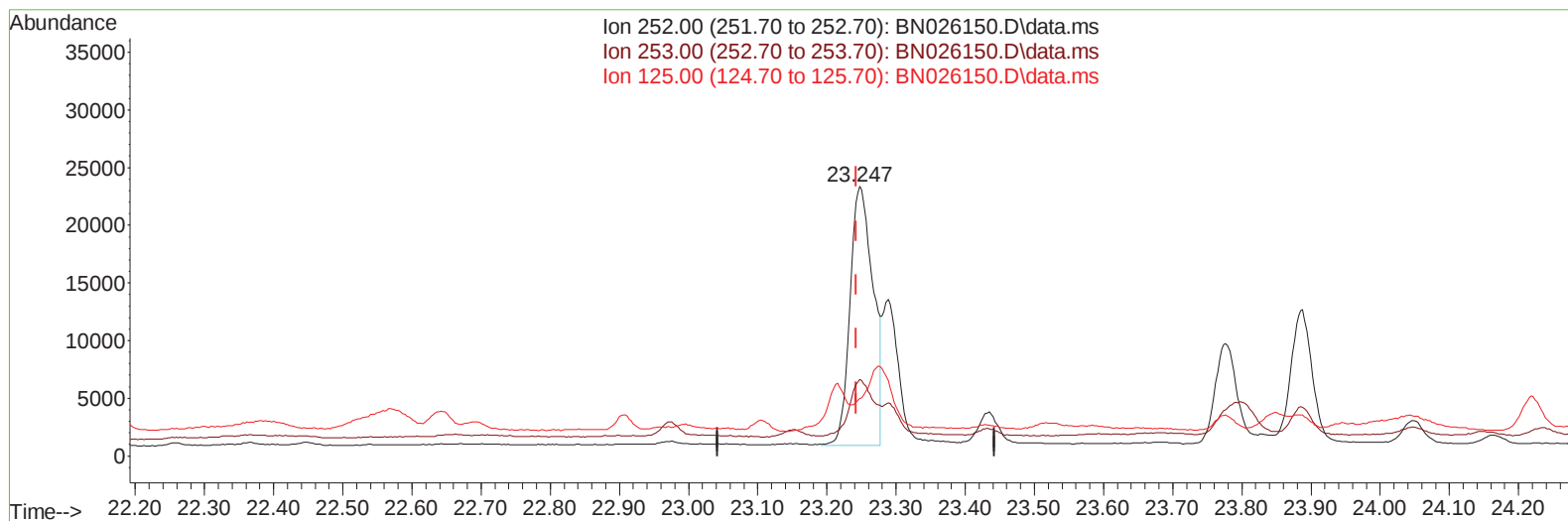
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026150.D  
Acq On : 01 Jul 2023 14:13  
Operator : MA/JU  
Sample : 03239-10RE  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFY8RE

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:34:58 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
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QLast Update : Sat Jul 01 01:46:24 2023  
Response via : Initial Calibration



TIC: BN026150.D\data.ms

## (24) Benzo(b)fluoranthene

23.247min (+ 0.005) 0.65 ng/ul m

response 51851

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 28.42  |
| 125.00 | 17.90  | 21.28  |
| 0.00   | 0.00   | 0.00   |

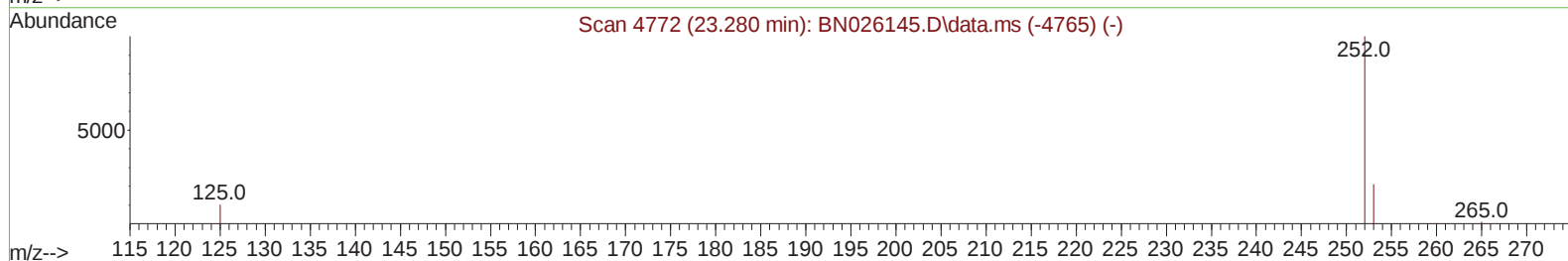
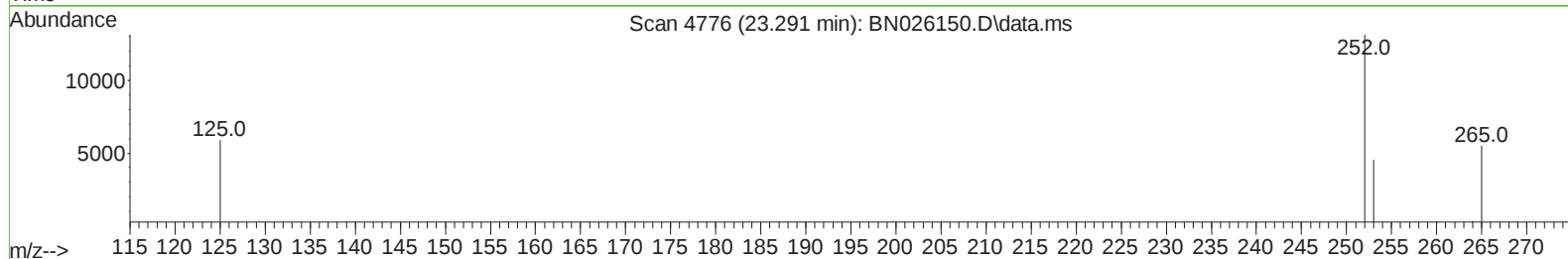
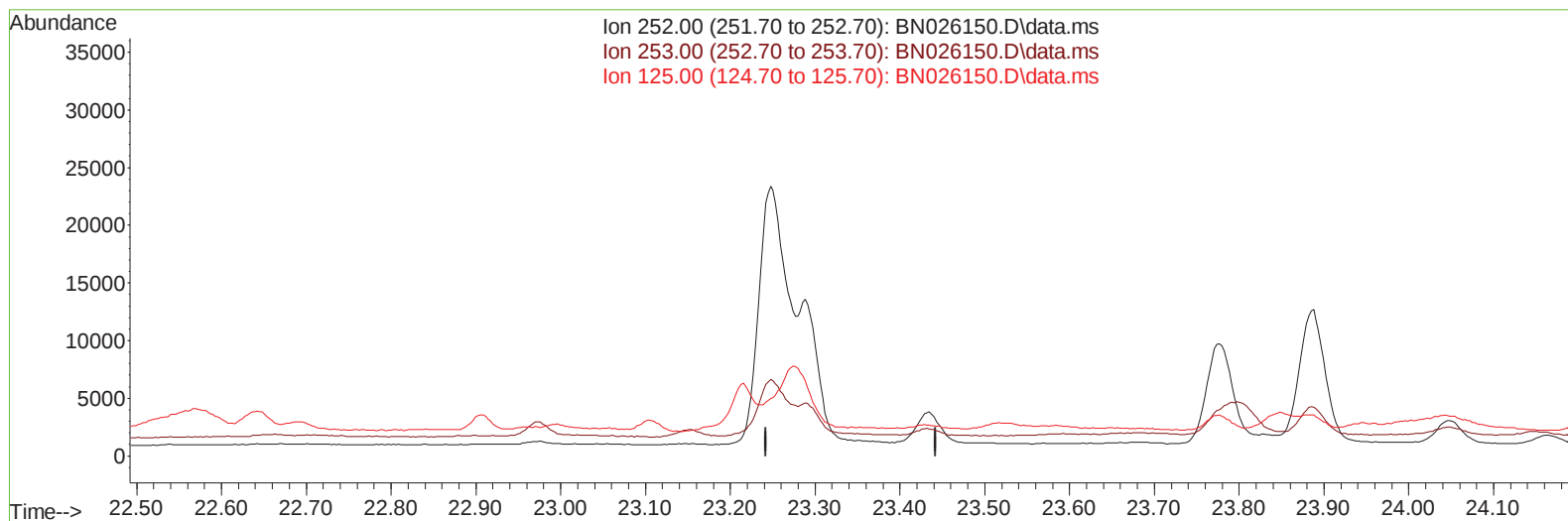
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026150.D  
 Acq On : 01 Jul 2023 14:13  
 Operator : MA/JU  
 Sample : 03239-10RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFY8RE

Manual IntegrationsAPPROVED

Quant Time: Jul 01 22:34:58 2023  
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Reviewed By :Yogesh Patel 07/02/2023  
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TIC: BN026150.D\data.ms

**(25) Benzo(k)fluoranthene**

23.292min (-23.292) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.00  | 0.00# |
| 125.00 | 18.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

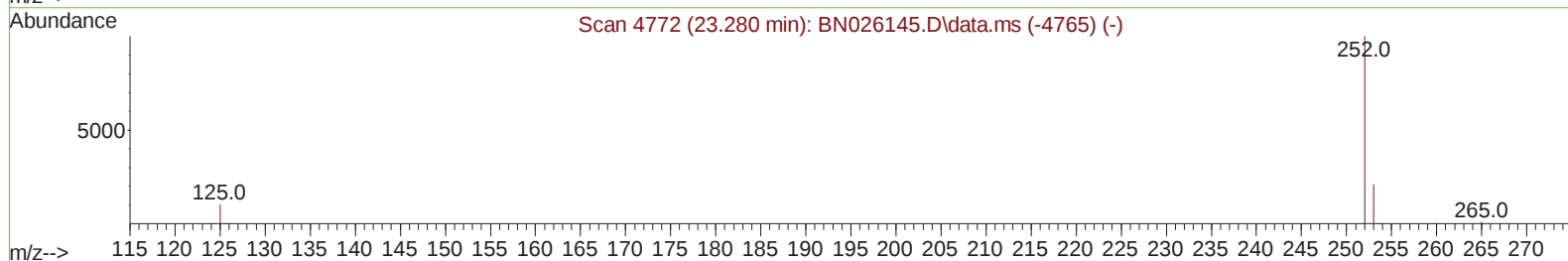
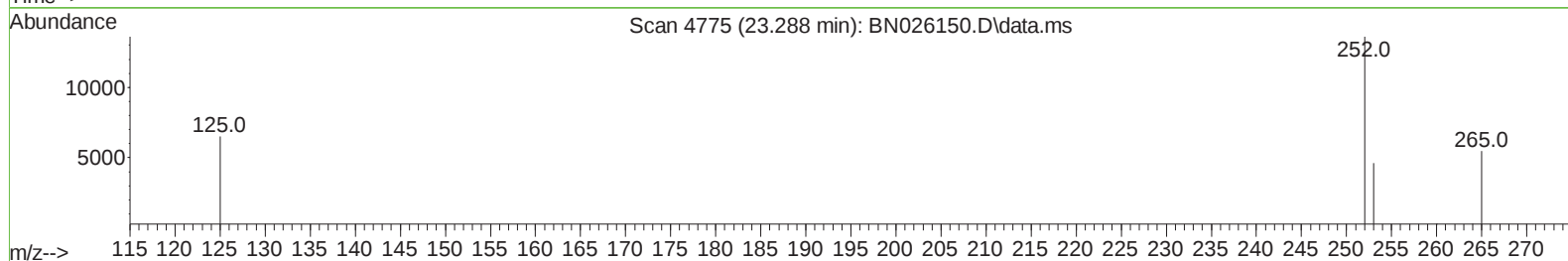
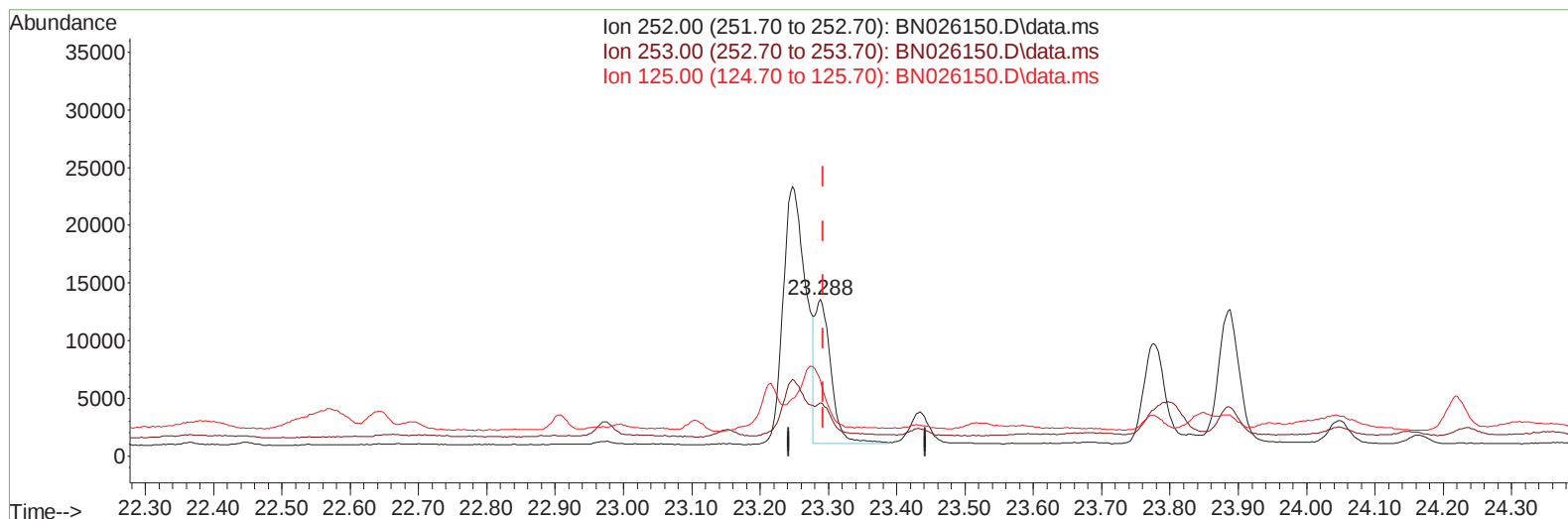
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026150.D  
Acq On : 01 Jul 2023 14:13  
Operator : MA/JU  
Sample : 03239-10RE  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFY8RE

## Manual IntegrationsAPPROVED

Quant Time: Jul 01 22:34:58 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 01 01:46:24 2023  
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Reviewed By :Yogesh Patel 07/02/2023  
Supervised By :Sohil Jodhani 07/02/2023



TIC: BN026150.D\data.ms

## (25) Benzo(k)fluoranthene

23.288min (-0.004) 0.26 ng/u1 m

response 20865

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 33.90  |
| 125.00 | 18.70  | 47.81# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026150.D  
 Acq On : 01 Jul 2023 14:13  
 Operator : MA/JU  
 Sample : 03239-10RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFY8RE

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/02/2023  
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:34:58 2023  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.959  | 152 |     | 8961     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.770 | 136 |     | 29092    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.602 | 164 |     | 17353    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.347 | 188 |     | 33187    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.535 | 240 |     | 18366    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.996 | 264 |     | 18630    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.322  | 96  |     | 12929    | 1.281 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.359 | 152 |     | 4258     | 0.095 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.373 | 212 |     | 7335     | 0.105 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 5) Naphthalene              | 10.820 | 128 |     | 2259     | 0.027 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 12.431 | 142 |     | 1549     | 0.029 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.651 | 142 |     | 1113     | 0.020 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.320 | 152 |     | 2803     | 0.034 | ng/ul# | 86       |
| 15) Phenanthrene            | 17.389 | 178 |     | 25617    | 0.234 | ng/ul  | 99       |
| 16) Anthracene              | 17.478 | 178 |     | 5489     | 0.056 | ng/ul# | 86       |
| 19) Fluoranthene            | 19.405 | 202 |     | 77255    | 0.788 | ng/ul  | 95       |
| 20) Pyrene                  | 19.768 | 202 |     | 62468    | 0.612 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.517 | 228 |     | 28958    | 0.382 | ng/ul# | 93       |
| 22) Chrysene                | 21.573 | 228 |     | 37761m   | 0.479 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.247 | 252 |     | 51851m   | 0.652 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.288 | 252 |     | 20865m   | 0.261 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.888 | 252 |     | 24473    | 0.354 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.578 | 276 |     | 23758    | 0.315 | ng/ul# | 79       |
| 28) Dibenzo(a,h)anthracene  | 26.588 | 278 |     | 7135     | 0.125 | ng/ul# | 67       |
| 29) Benzo(g,h,i)perylene    | 27.376 | 276 |     | 5064     | 0.075 | ng/ul# | 53       |
| -----                       |        |     |     |          |       |        |          |

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

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BNA\_N  
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DCFY8RE

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