

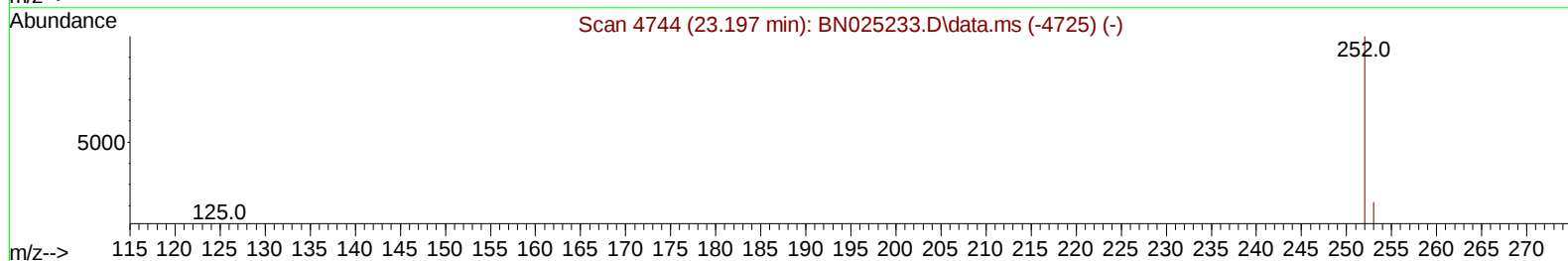
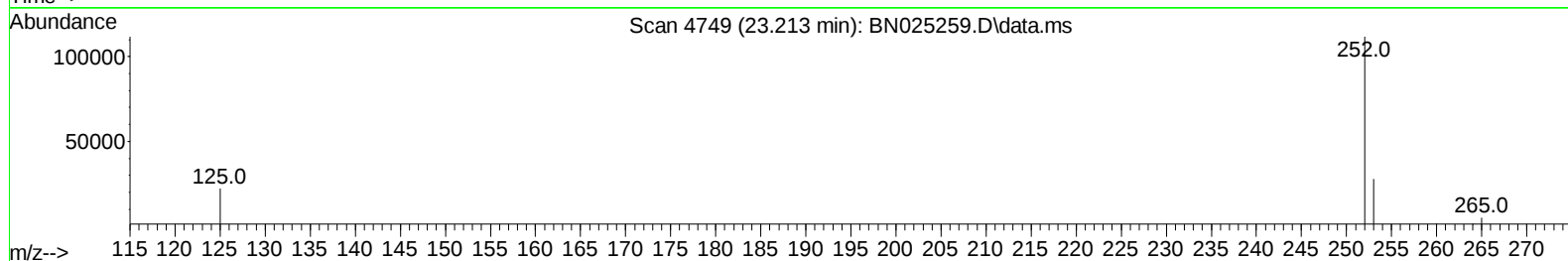
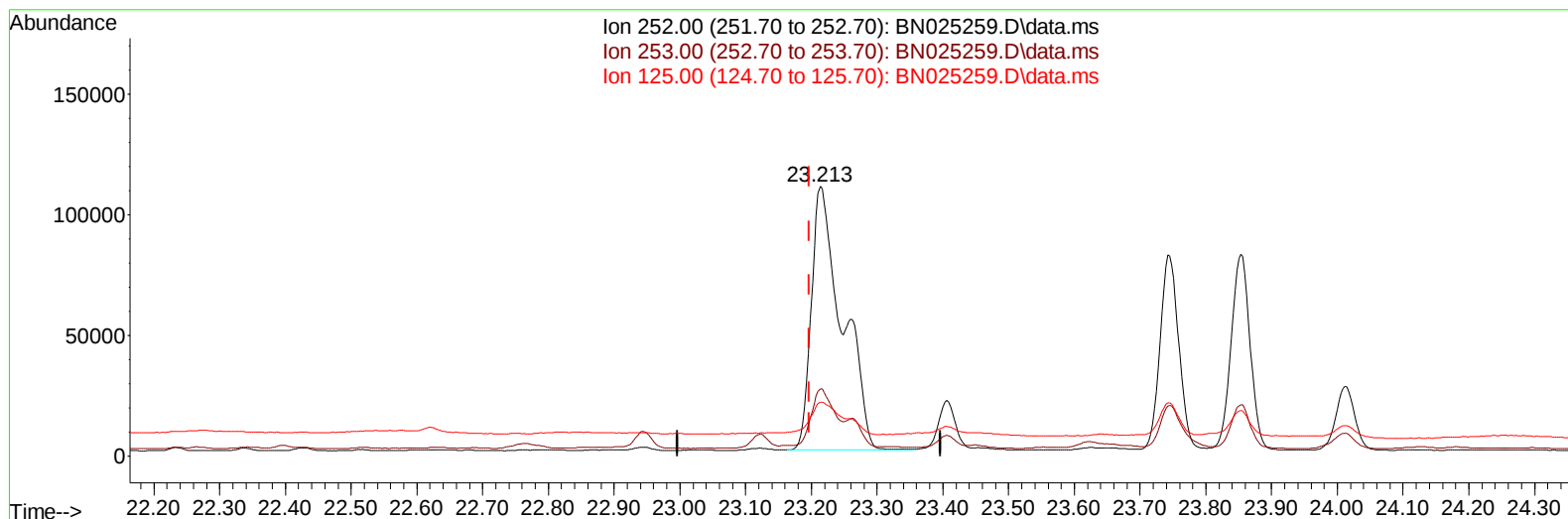
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050323\  
Data File : BN025259.D  
Acq On : 04 May 2023 02:52  
Operator : CG/JU  
Sample : 02447-15DL 5X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW935DL

## Manual IntegrationsAPPROVED

Quant Time: May 04 06:26:04 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 03 15:28:32 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/04/2023  
Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BN025259.D\data.ms

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

23.213min (+ 0.017) 4.54 ng/u1

response 355066

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 24.83  |
| 125.00 | 15.20  | 19.91  |
| 0.00   | 0.00   | 0.00   |

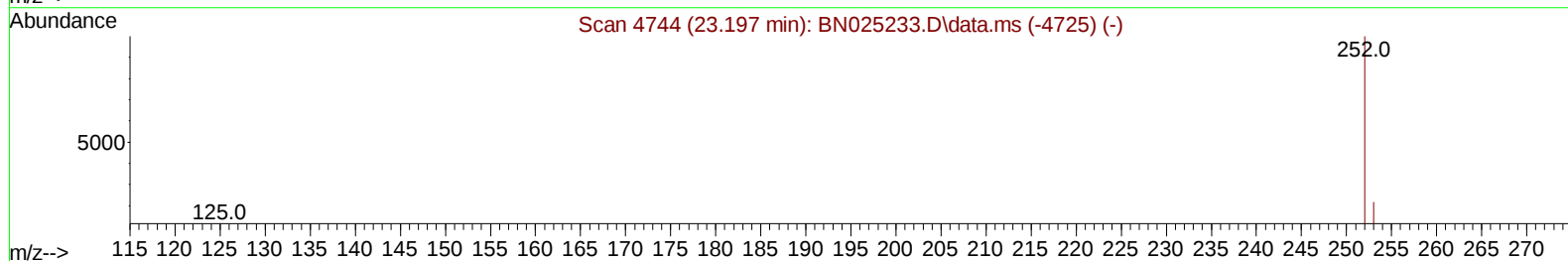
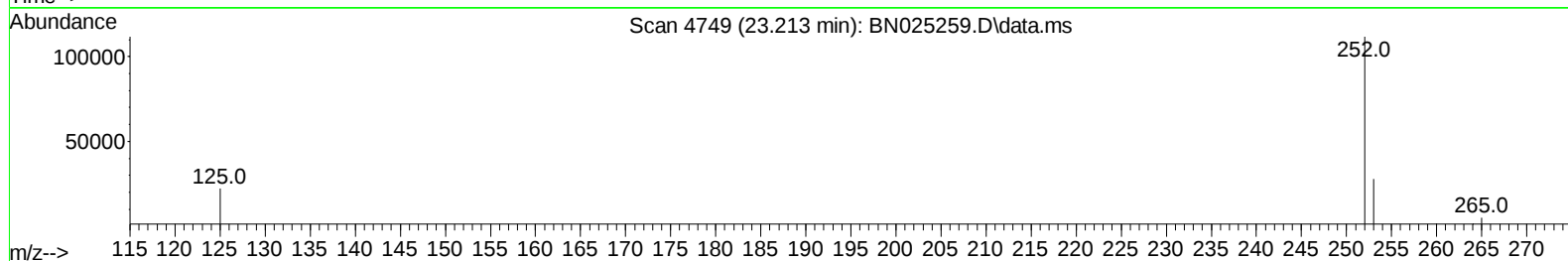
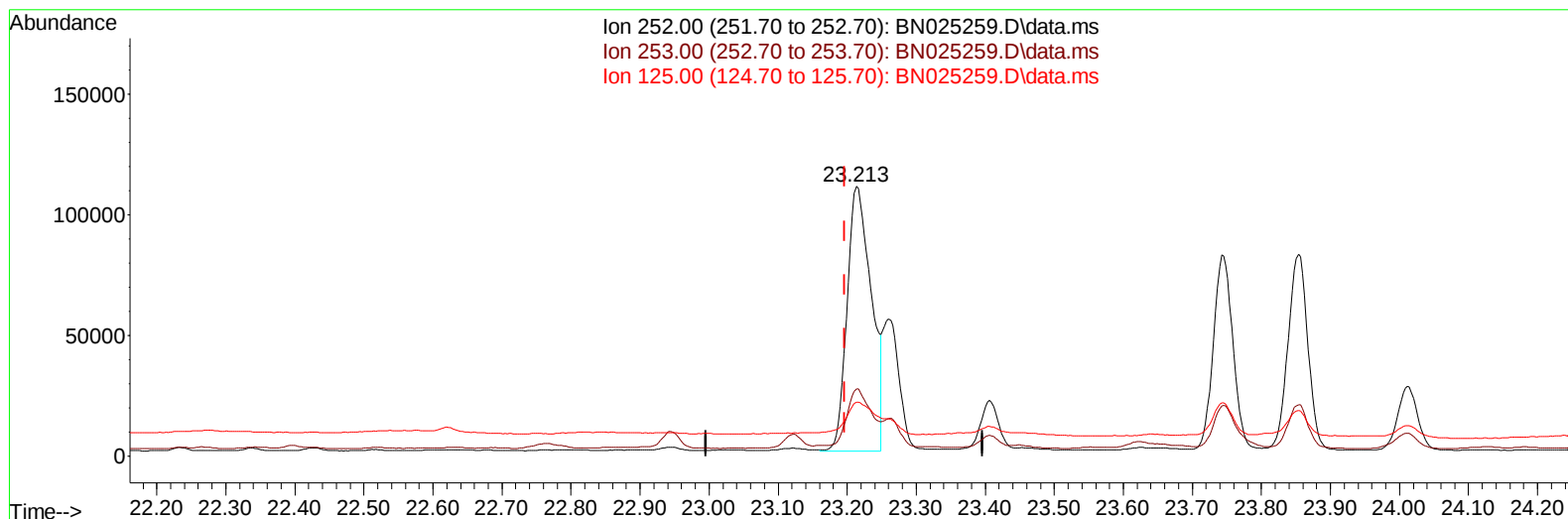
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(24) Benzo(b)fluoranthene

23.213min (+ 0.017) 3.42 ng/u1 m

response 267651

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 24.83  |
| 125.00 | 15.20  | 19.91  |
| 0.00   | 0.00   | 0.00   |

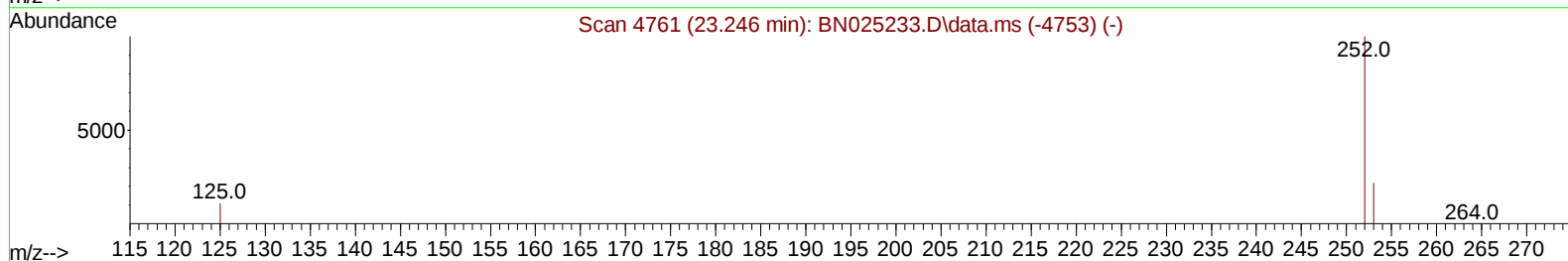
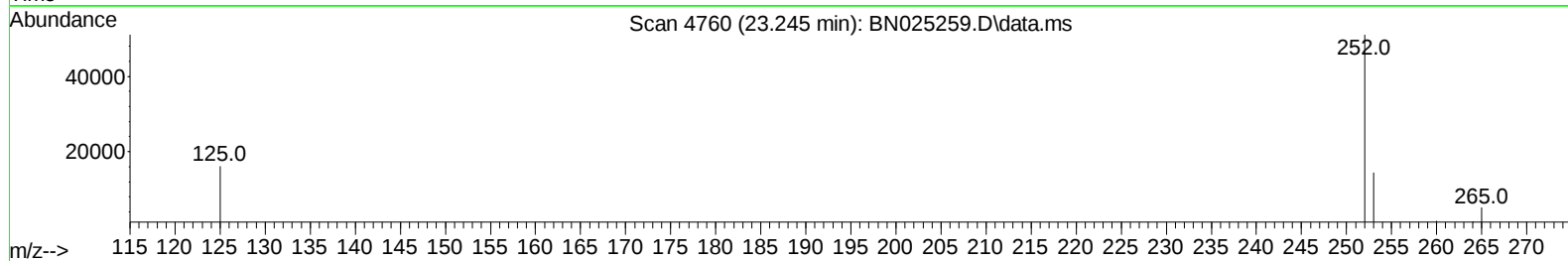
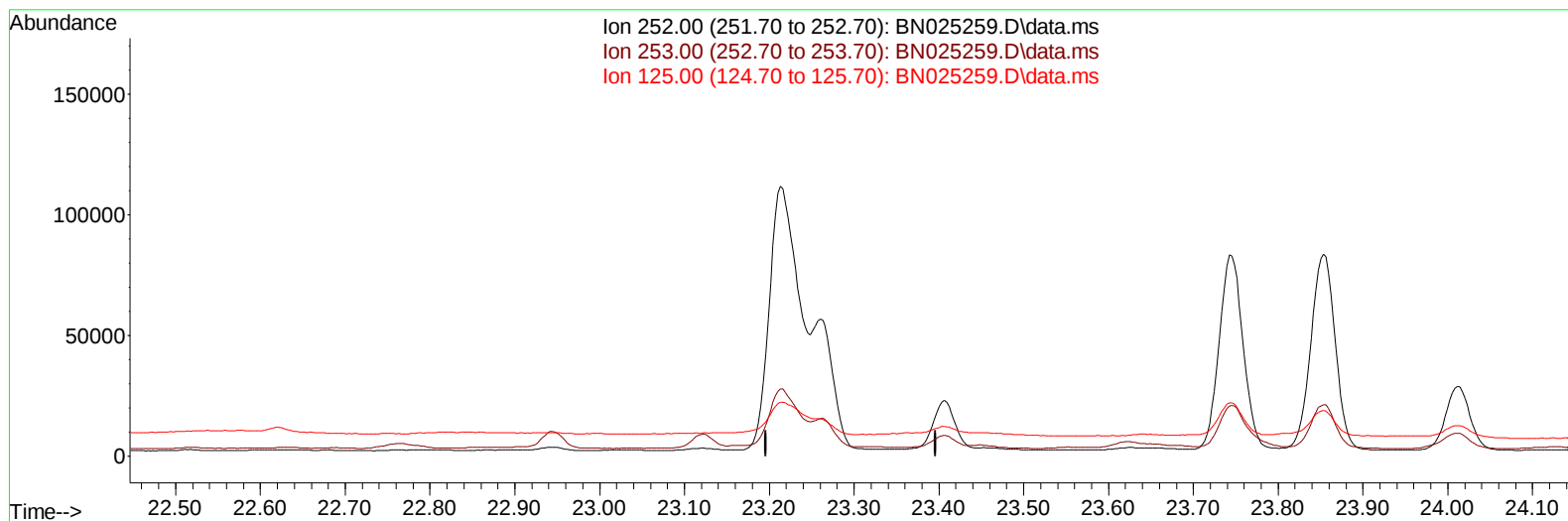
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN025259.D\data.ms

(25) Benzo(k)fluoranthene

23.246min (-23.246) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 25.30  | 0.00# |
| 125.00 | 14.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

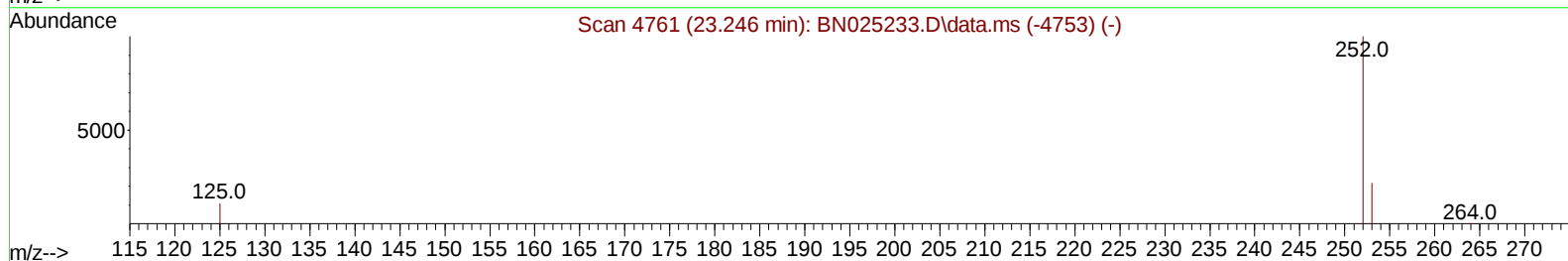
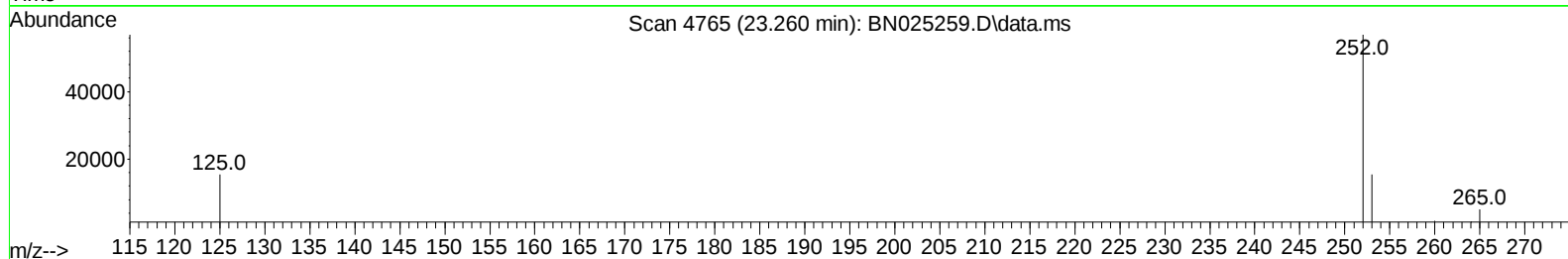
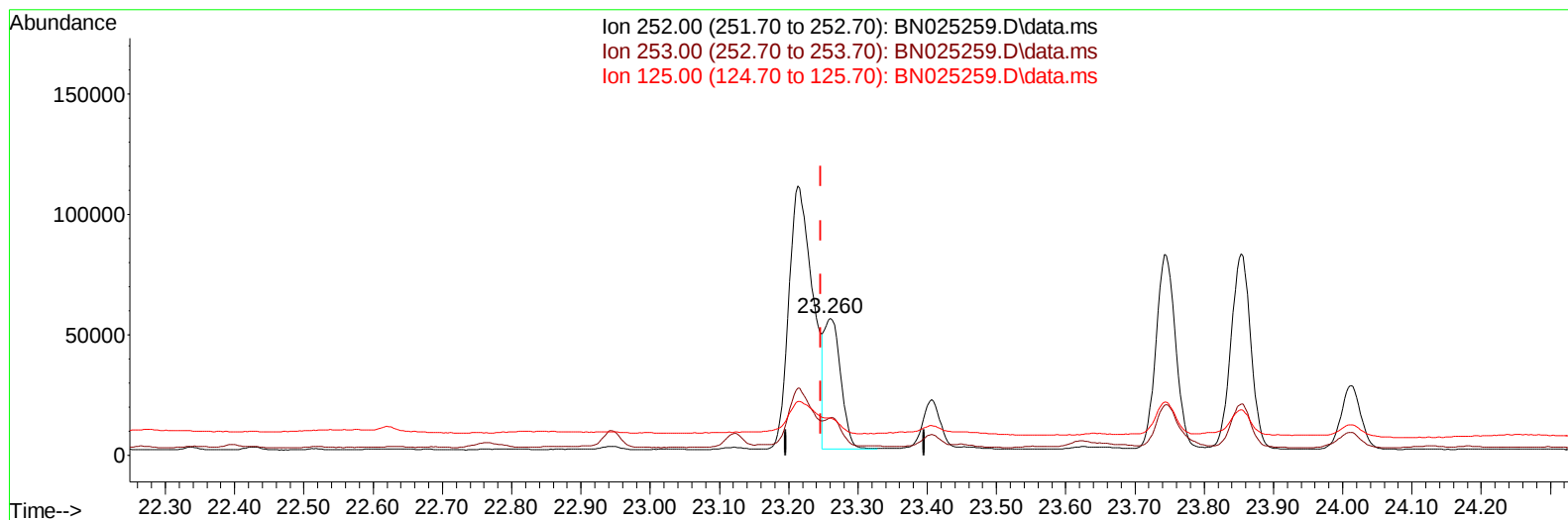
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Manual IntegrationsAPPROVED

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TIC: BN025259.D\data.ms

(25) Benzo(k)fluoranthene

23.260min (+ 0.014) 1.19 ng/ul m

response 89869

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.30  | 27.25  |
| 125.00 | 14.80  | 27.19# |
| 0.00   | 0.00   | 0.00   |

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 Sample : 02447-15DL 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 EW935DL

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.921  | 152  | 7711     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.732 | 136  | 25092    | 0.400 | ng/ul  | 0.01     |
| 9) Acenaphthene-d10         | 14.571 | 164  | 14457    | 0.400 | ng/ul  | 0.01     |
| 13) Phenanthrene-d10        | 17.322 | 188  | 34573    | 0.400 | ng/ul  | # 0.01   |
| 17) Chrysene-d12            | 21.515 | 240  | 19543    | 0.400 | ng/ul  | # 0.01   |
| 23) Perylene-d12            | 23.959 | 264  | 19291    | 0.400 | ng/ul  | # 0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.297  | 96   | 5491     | 0.688 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.321 | 152  | 1823     | 0.057 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.350 | 212  | 3783     | 0.073 | ng/ul  | 0.01     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.781 | 128  | 5331     | 0.083 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.398 | 142  | 5124     | 0.130 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.612 | 142  | 3688     | 0.088 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.289 | 152  | 18215    | 0.338 | ng/ul# | 95       |
| 11) Acenaphthene            | 14.631 | 153  | 4609     | 0.102 | ng/ul  | 96       |
| 12) Fluorene                | 15.621 | 166  | 7621     | 0.150 | ng/ul# | 94       |
| 15) Phenanthrene            | 17.360 | 178  | 129990   | 1.332 | ng/ul  | 100      |
| 16) Anthracene              | 17.453 | 178  | 25066    | 0.314 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.383 | 202  | 284402   | 4.024 | ng/ul  | 99       |
| 20) Pyrene                  | 19.745 | 202  | 270750   | 3.729 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.497 | 228  | 159722   | 2.712 | ng/ul  | 94       |
| 22) Chrysene                | 21.553 | 228  | 176618   | 2.749 | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 23.213 | 252  | 267651m  | 3.420 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.260 | 252  | 89869m   | 1.194 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.853 | 252  | 162257   | 2.506 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.498 | 276  | 154936   | 2.077 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.501 | 278  | 39673    | 0.681 | ng/ul# | 69       |
| 29) Benzo(g,h,i)perylene    | 27.286 | 276  | 161518   | 2.546 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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