

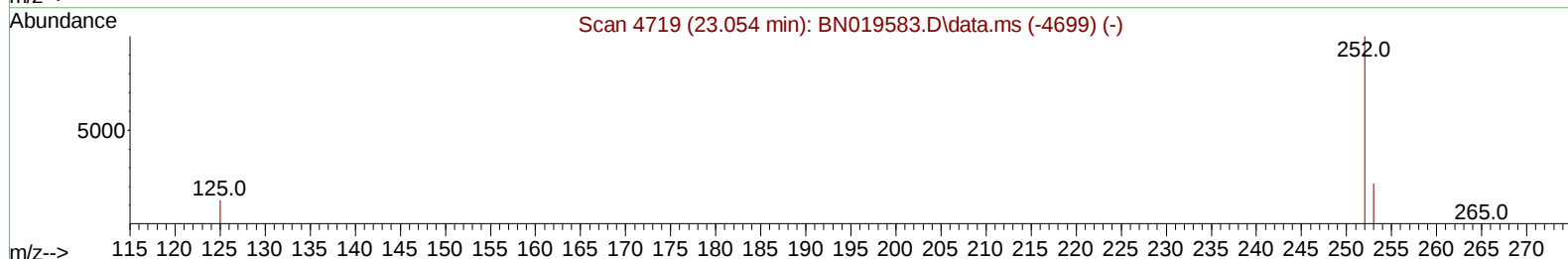
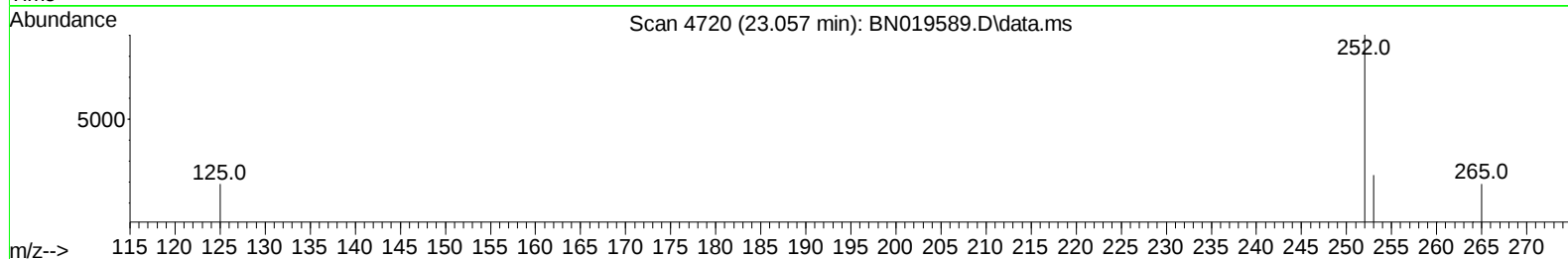
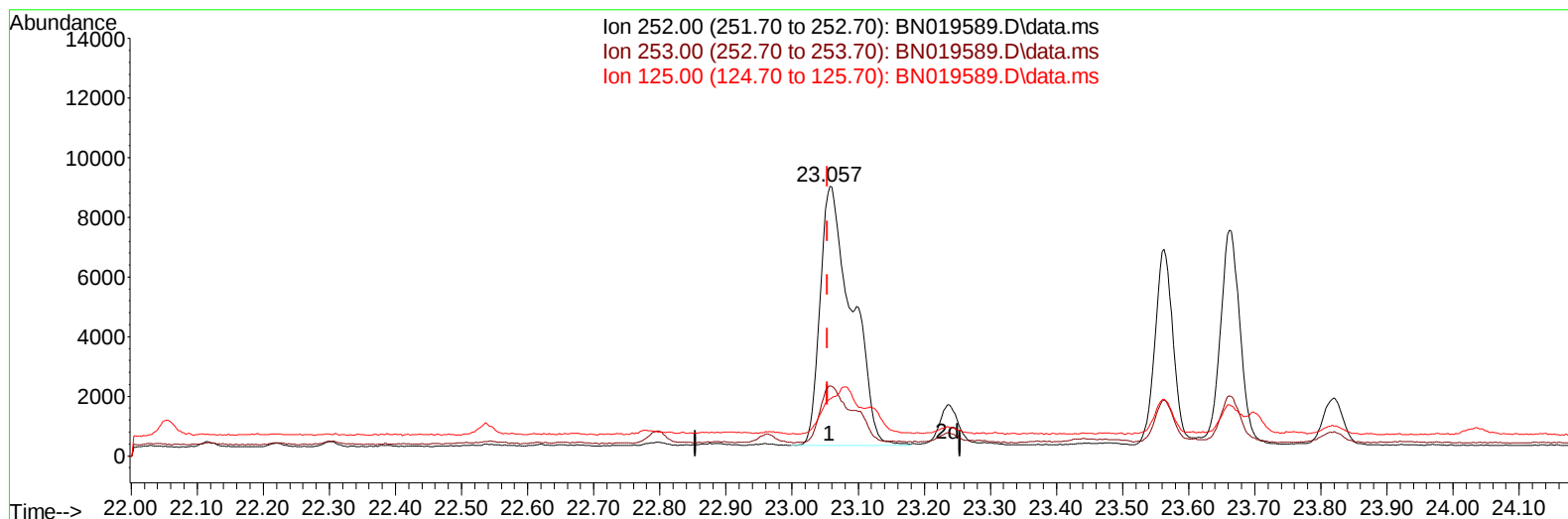
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042922\  
 Data File : BN019589.D  
 Acq On : 29 Apr 2022 13:29  
 Operator : CG/JU  
 Sample : N2469-04DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFFG4DL

Manual IntegrationsAPPROVED

Quant Time: Apr 30 03:18:30 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 13:24:26 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/04/2022  
 Supervised By :Yogesh Patel 05/05/2022



TIC: BN019589.D\data.ms

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

23.057min (+ 0.002) 0.48 ng/u1

response 28954

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 25.98  |
| 125.00 | 20.10  | 21.15  |
| 0.00   | 0.00   | 0.00   |

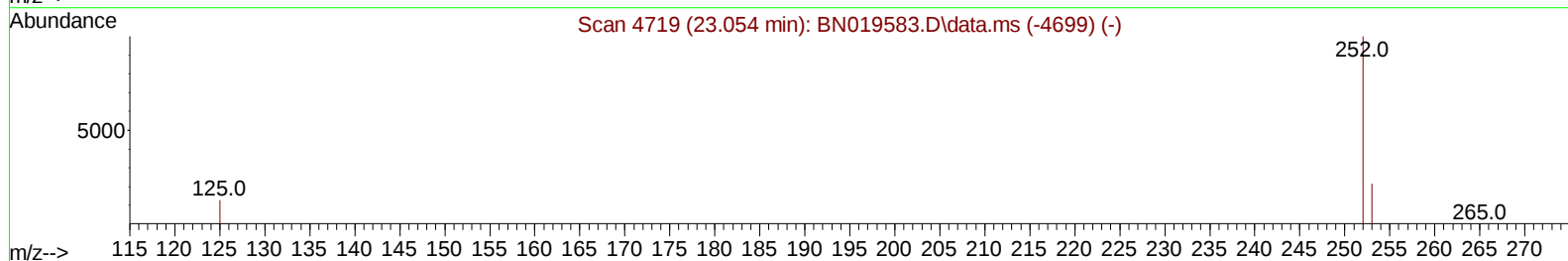
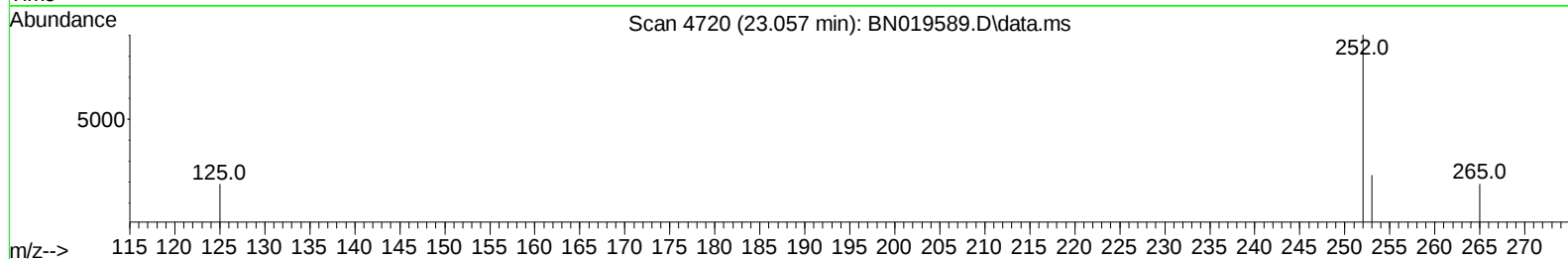
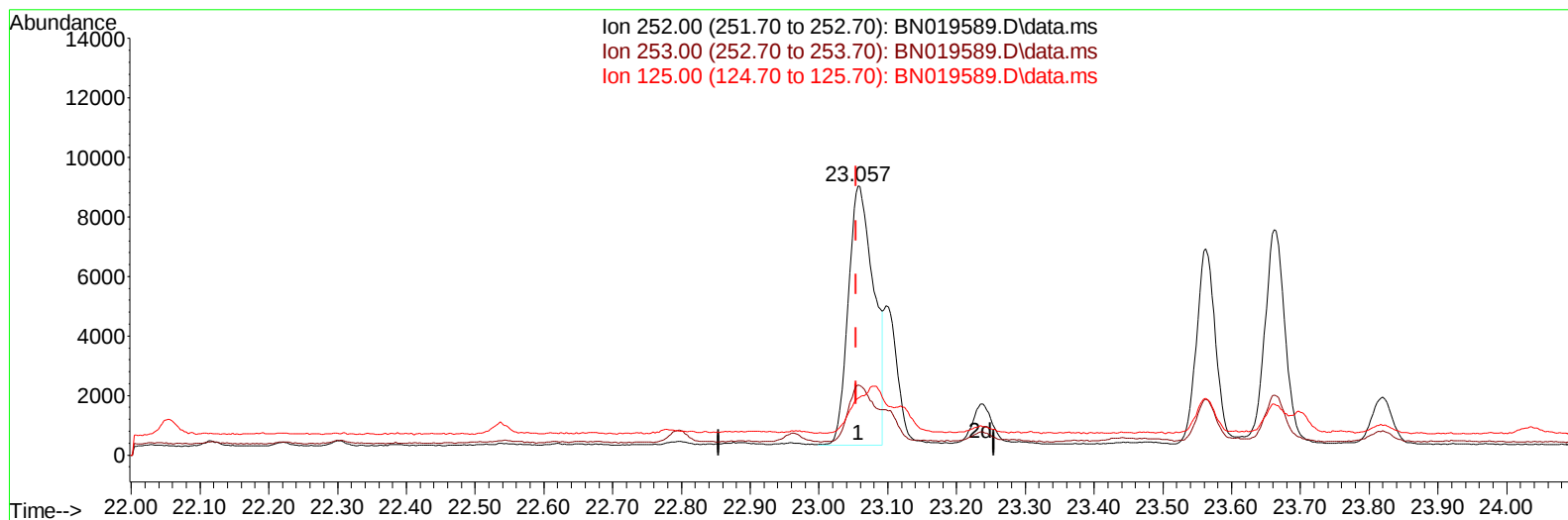
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**(24) Benzo(b)fluoranthene**

23.057min (+ 0.002) 0.37 ng/u1 m

response 22483

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 25.98  |
| 125.00 | 20.10  | 21.15  |
| 0.00   | 0.00   | 0.00   |

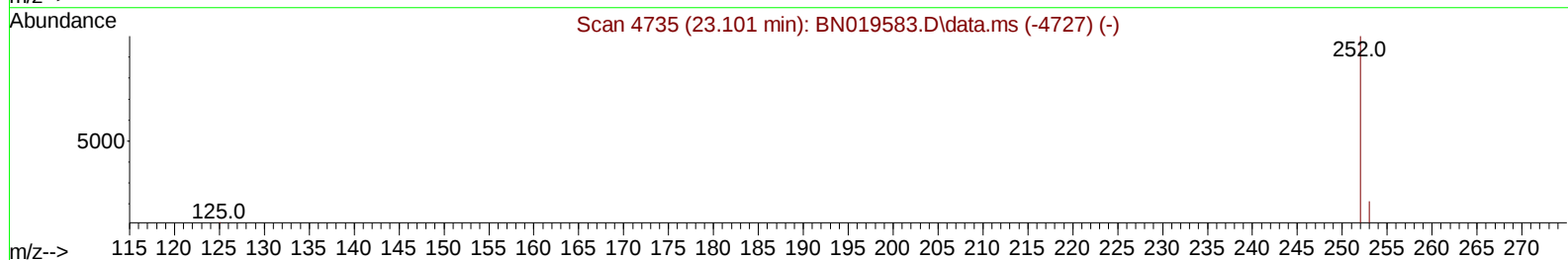
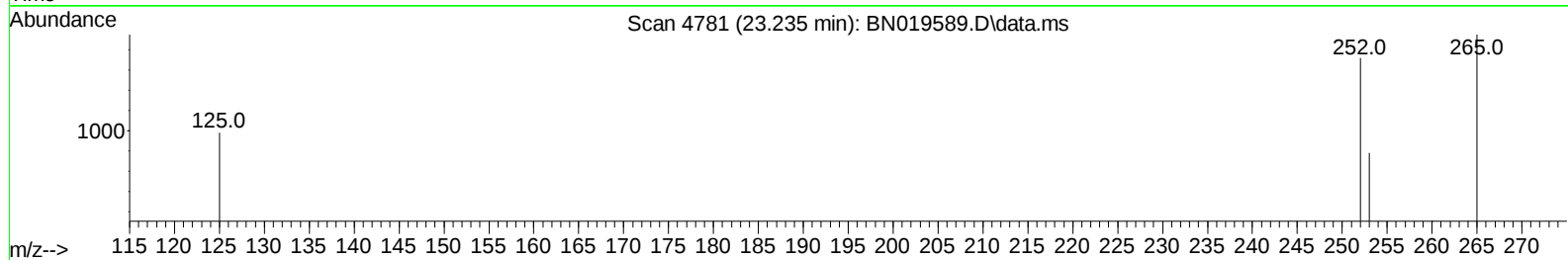
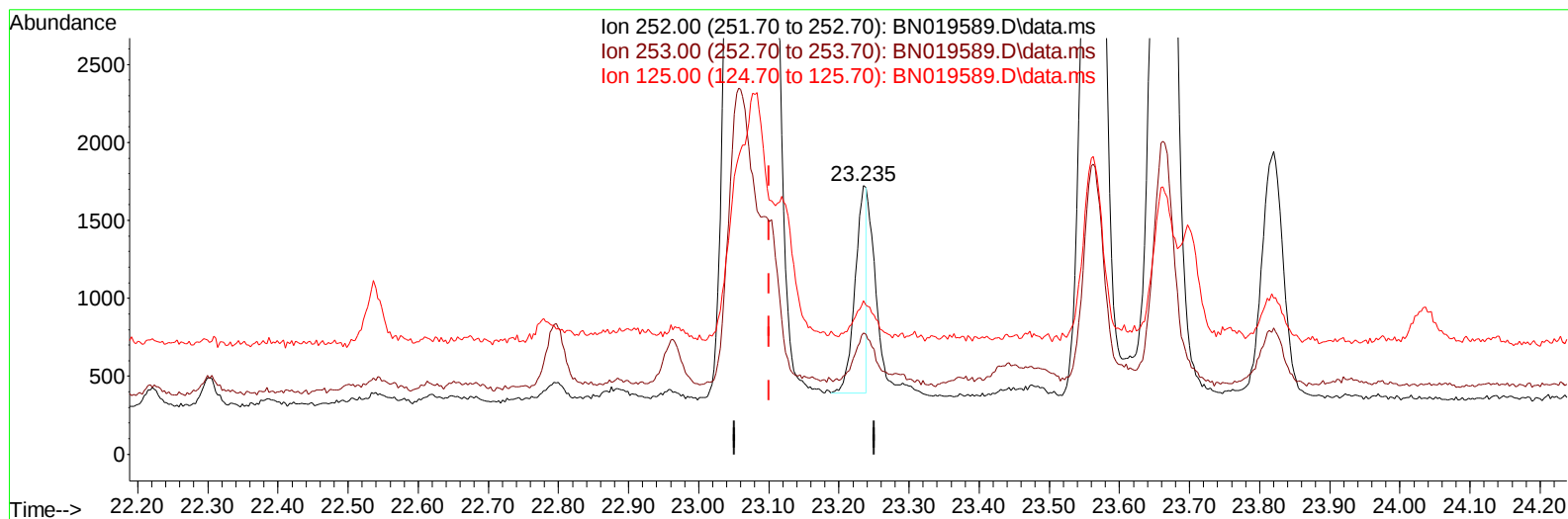
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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN019589.D\data.ms

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

23.235min (+ 0.134) 0.02 ng/u1

response 1455

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 45.18# |
| 125.00 | 13.80  | 57.08# |
| 0.00   | 0.00   | 0.00   |

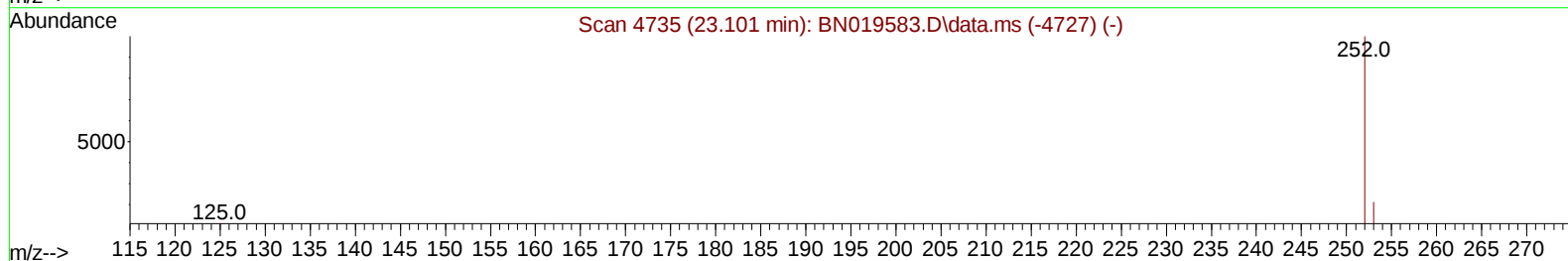
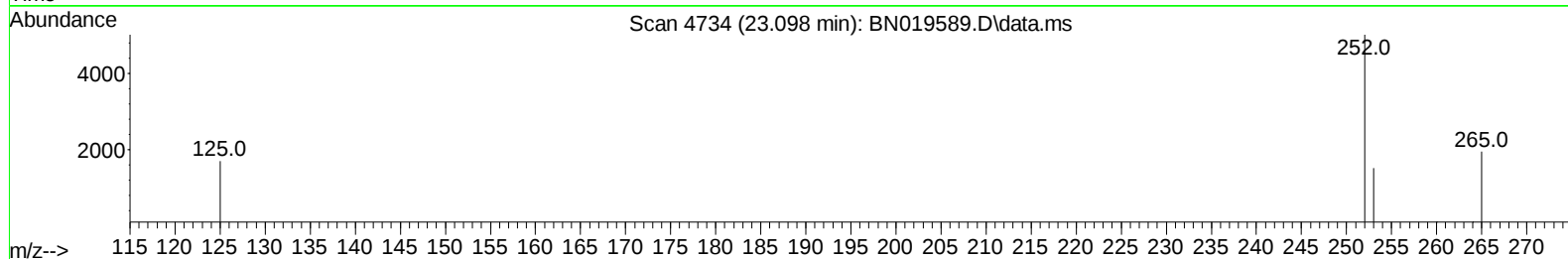
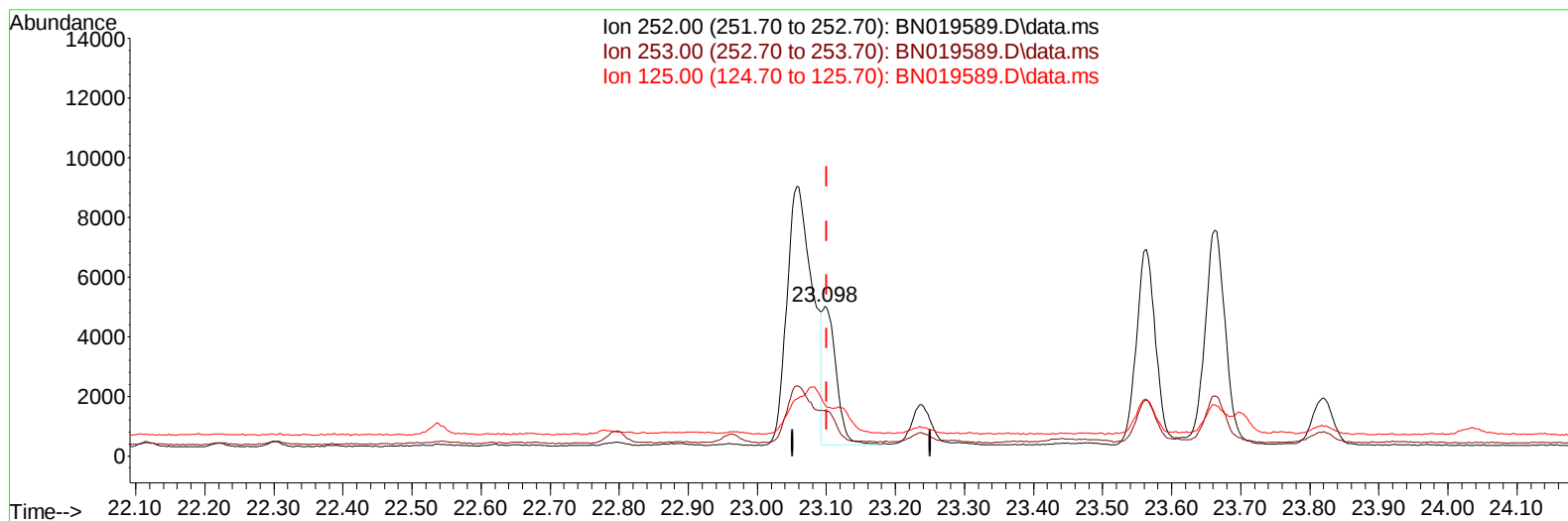
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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN019589.D\data.ms

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

23.098min (-0.003) 0.11 ng/ul m

response 6451

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.20  | 30.17  |
| 125.00 | 13.80  | 34.03# |
| 0.00   | 0.00   | 0.00   |

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 Operator : CG/JU  
 Sample : N2469-04DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.880  | 152  | 5259     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 14765    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.497 | 164  | 7532     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.234 | 188  | 14356    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.417 | 240  | 12643    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.767 | 264  | 11924    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.349  | 96   | 3270     | 0.525 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.256 | 152  | 827      | 0.037 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.258 | 212  | 1579     | 0.039 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.716 | 128  | 1054     | 0.022 | ng/ul# | 79       |
| 7) 2-Methylnaphthalene      | 12.327 | 142  | 643      | 0.022 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.547 | 142  | 638      | 0.024 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.215 | 152  | 3723     | 0.100 | ng/ul  | 97       |
| 12) Fluorene                | 15.543 | 166  | 805      | 0.025 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.276 | 178  | 15393    | 0.291 | ng/ul  | 99       |
| 16) Anthracene              | 17.365 | 178  | 3387     | 0.079 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.290 | 202  | 28580    | 0.494 | ng/ul  | 99       |
| 20) Pyrene                  | 19.653 | 202  | 35491    | 0.614 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.400 | 228  | 13829    | 0.293 | ng/ul  | 94       |
| 22) Chrysene                | 21.452 | 228  | 18858    | 0.339 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.057 | 252  | 22483m   | 0.372 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.098 | 252  | 6451m    | 0.111 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.662 | 252  | 14742    | 0.286 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.181 | 276  | 11137    | 0.173 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.195 | 278  | 2841     | 0.053 | ng/ul# | 70       |
| 29) Benzo(g,h,i)perylene    | 26.926 | 276  | 10561    | 0.180 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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