

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101024\  
Data File : BM047990.D  
Acq On : 10 Oct 2024 22:25  
Operator : RC/JU  
Sample : P4187-18  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EY055

Manual IntegrationsAPPROVED

Quant Time: Oct 10 23:45:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 10 18:01:13 2024  
Response via : Initial Calibration

Reviewed By :Yogesh

Patel

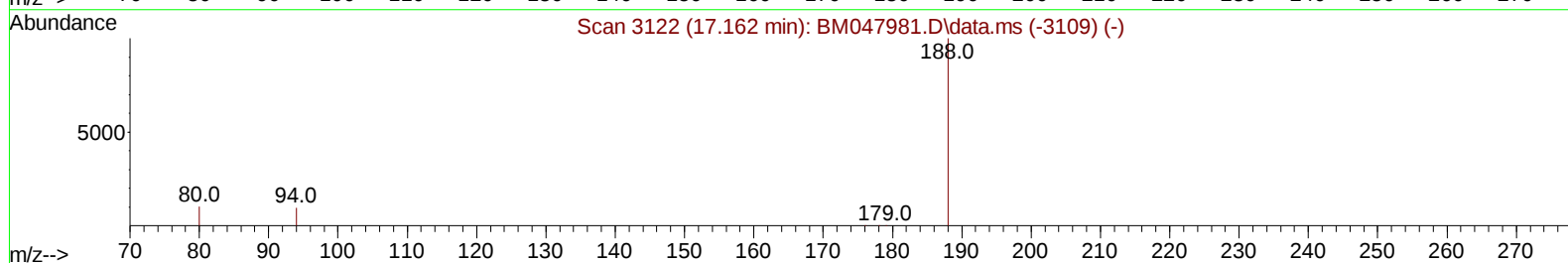
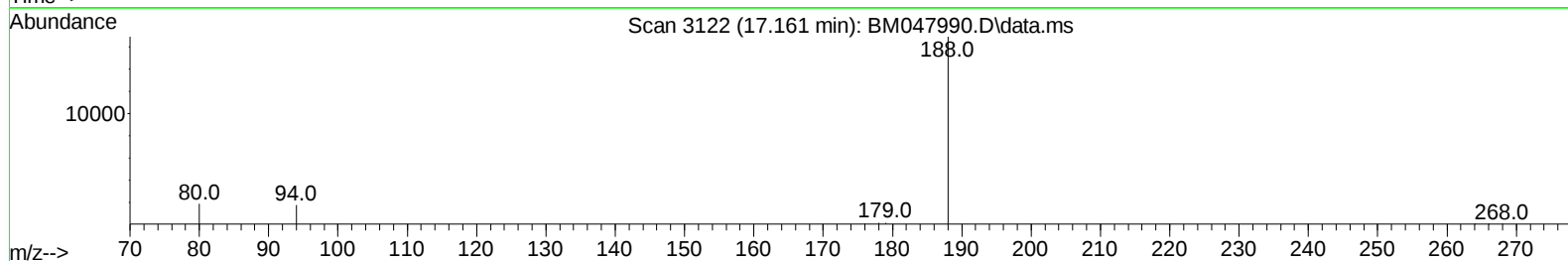
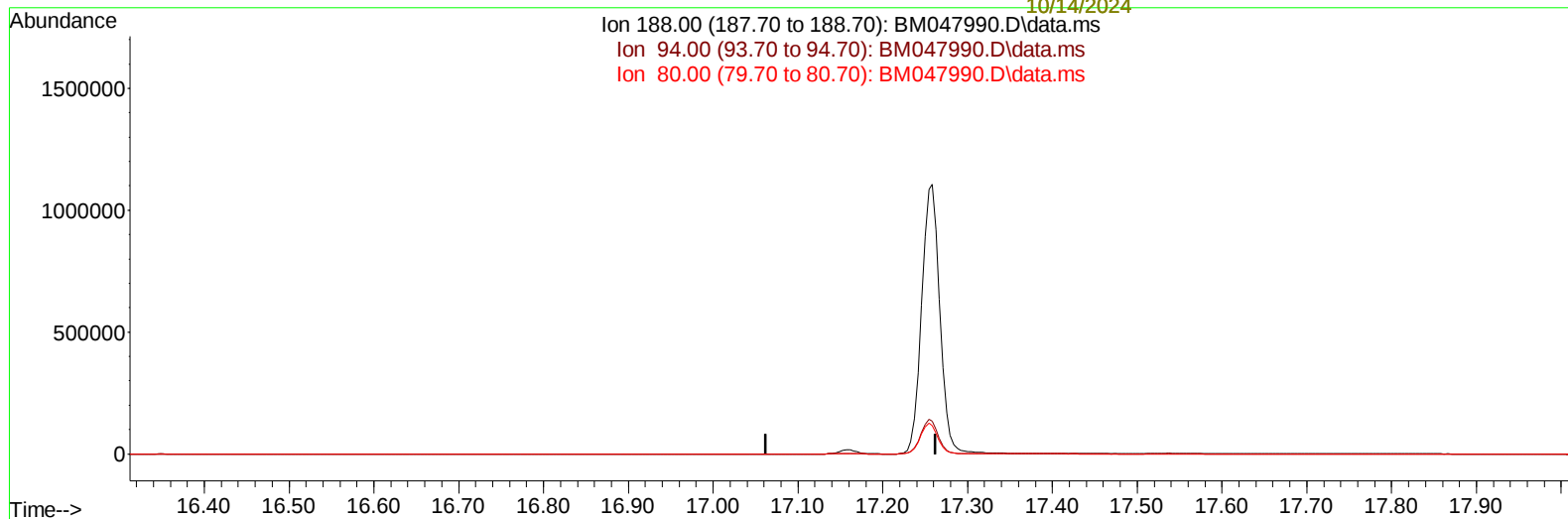
10/11/2024

Supervised By :mohammad

ahmed

10/14/2024

Ion 188.00 (187.70 to 188.70): BM047990.D\data.ms  
Ion 94.00 (93.70 to 94.70): BM047990.D\data.ms  
Ion 80.00 (79.70 to 80.70): BM047990.D\data.ms



TIC: BM047990.D\data.ms

(13) Phenanthrene-d10 (I)

17.162min (-17.162) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 12.20  | 0.00# |
| 80.00  | 13.00  | 0.00# |
| 0.00   | 0.00   | 0.00  |

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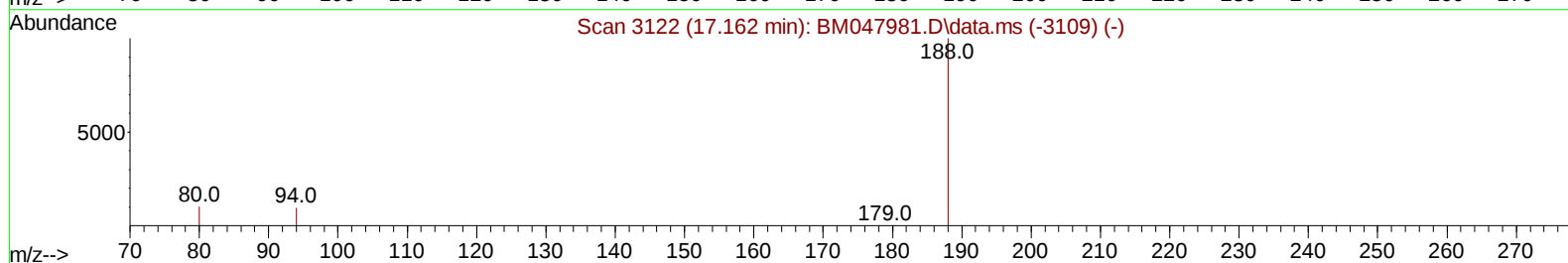
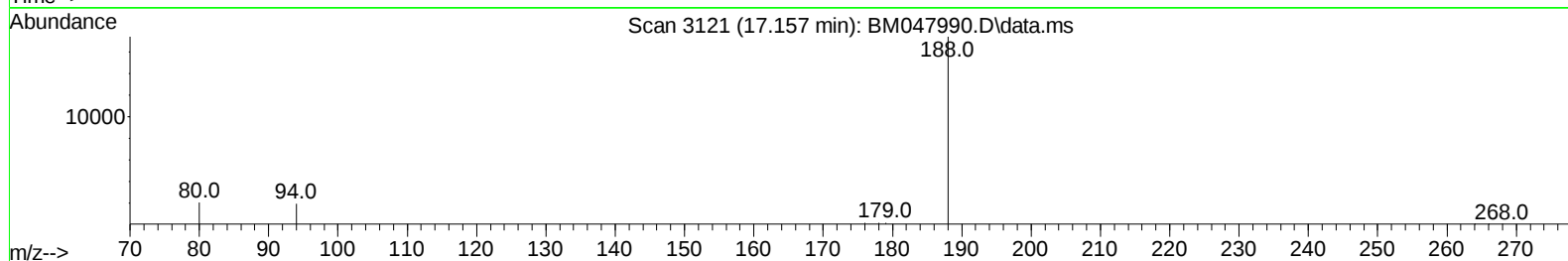
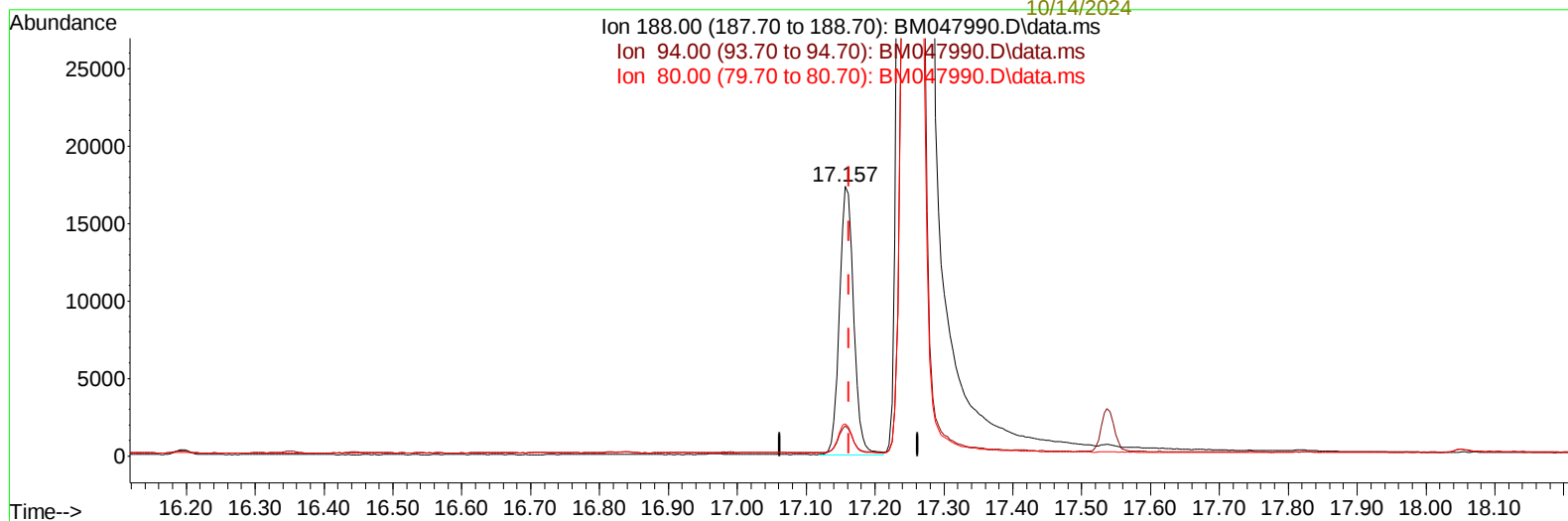
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TIC: BM047990.D\data.ms

(13) Phenanthrene-d10 (I)

17.157min (-0.005) 0.40 ng/ul m

response 24866

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.20  | 11.29  |
| 80.00  | 13.00  | 11.88  |
| 0.00   | 0.00   | 0.00   |

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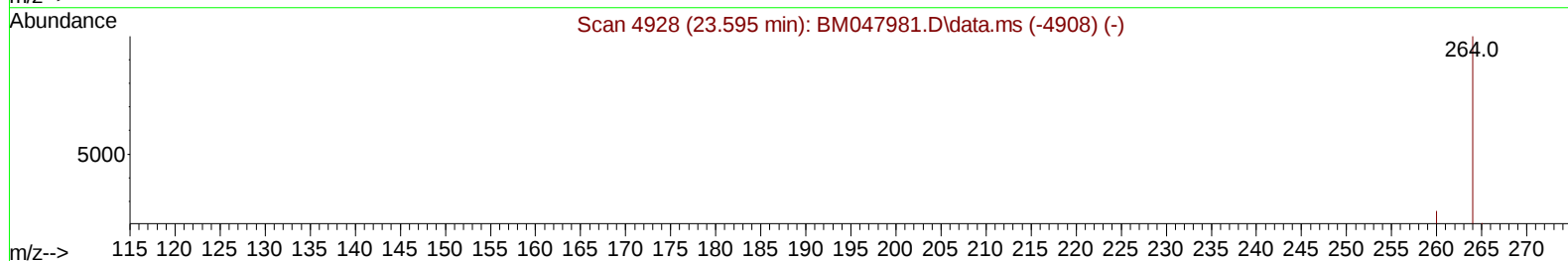
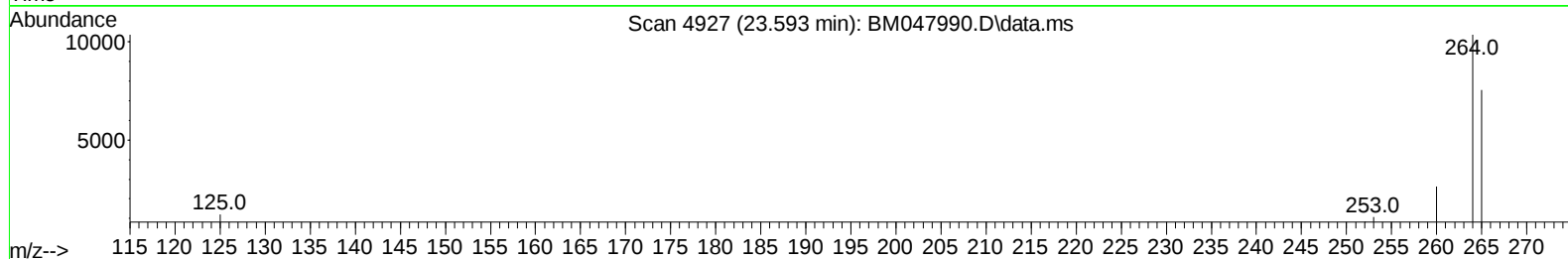
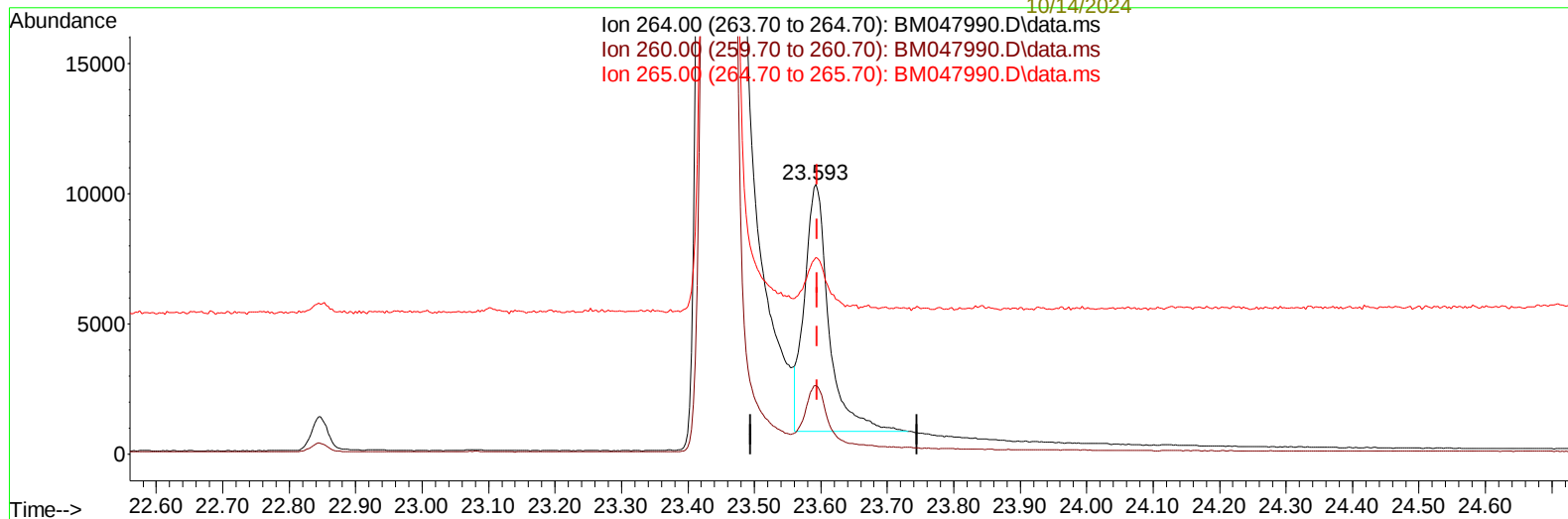
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TIC: BM047990.D\data.ms

(23) Perylene-d12 (I)

23.593min (-0.002) 0.40 ng/u1

response 24280

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 25.38  |
| 265.00 | 85.70  | 72.89  |
| 0.00   | 0.00   | 0.00   |

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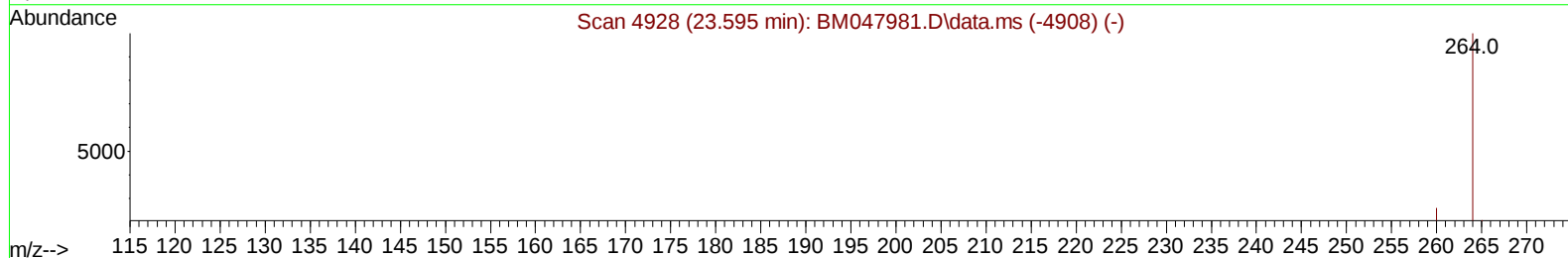
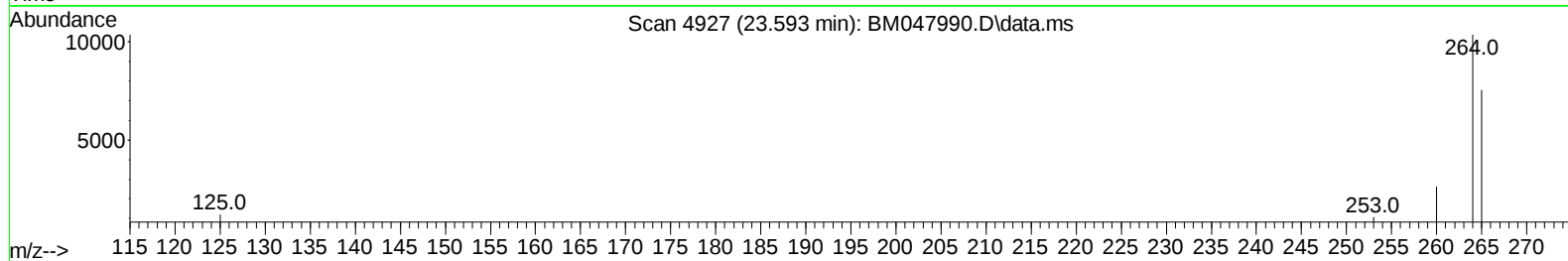
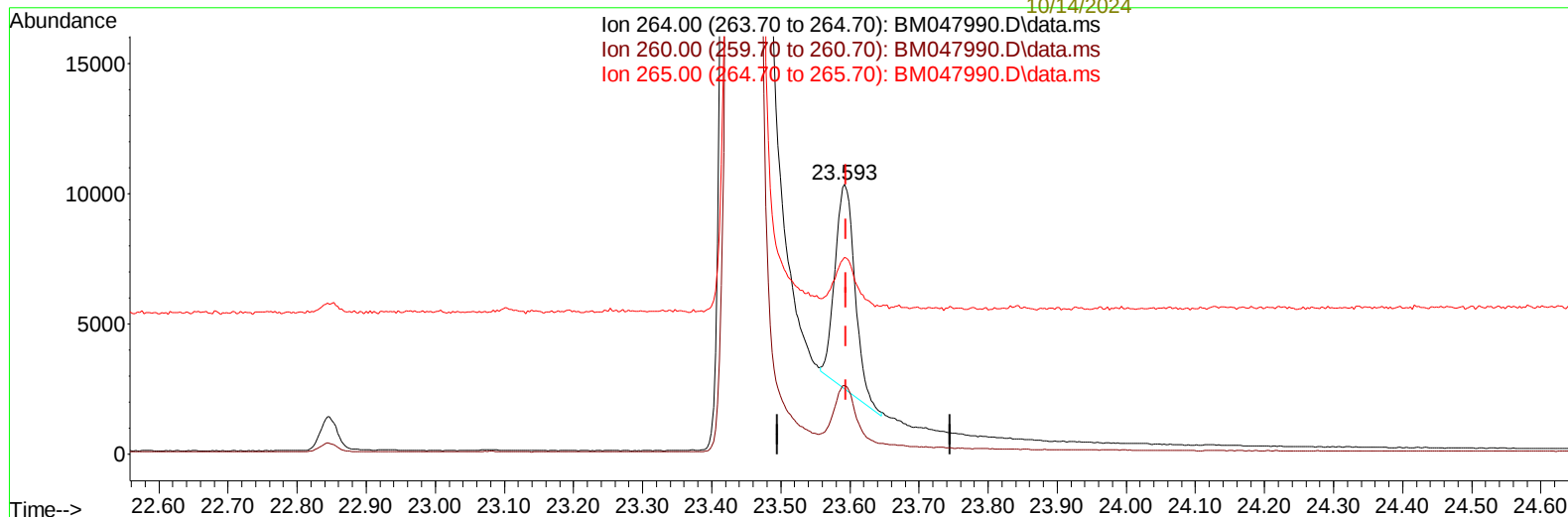
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TIC: BM047990.D\data.ms

(23) Perylene-d12 (I)

23.593min (-0.002) 0.40 ng/ul m

response 15727

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 25.38  |
| 265.00 | 85.70  | 72.89  |
| 0.00   | 0.00   | 0.00   |

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.792  | 152 |     | 8086     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.578 | 136 |     | 24757    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.422 | 164 |     | 12516    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.157 | 188 |     | 24866m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.330 | 240 |     | 18986    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.593 | 264 |     | 15727m   | 0.400 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.273  | 96  |     | 42744    | 4.114 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.173 | 152 |     | 8856     | 0.268 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.182 | 212 |     | 19792    | 0.340 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.307  | 88  |     | 1450     | 0.117 | ng/ul# | 65       |
| -----                       |        |     |     |          |       |        |          |

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

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