Quantitation Report (Qedit)

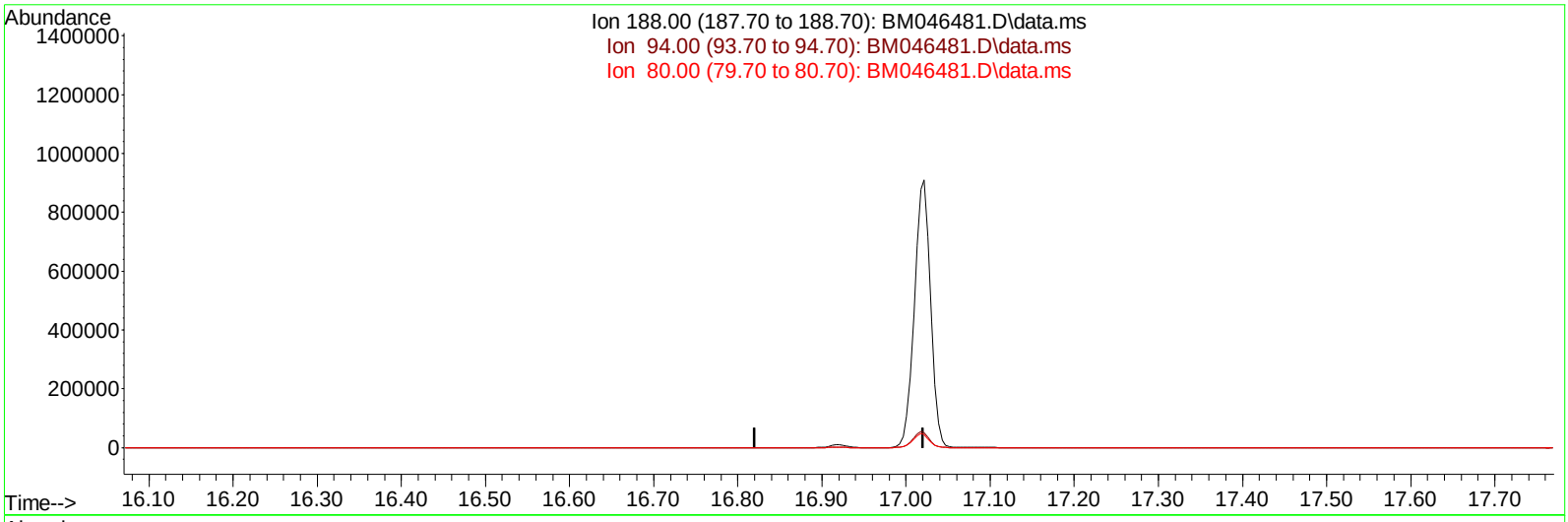
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046481.D
Acq On : 09 Jul 2024 19:58
Operator : MA/JU
Sample : P3084-01
Misc :
ALS Vial : 54 Sample Multiplier: 1

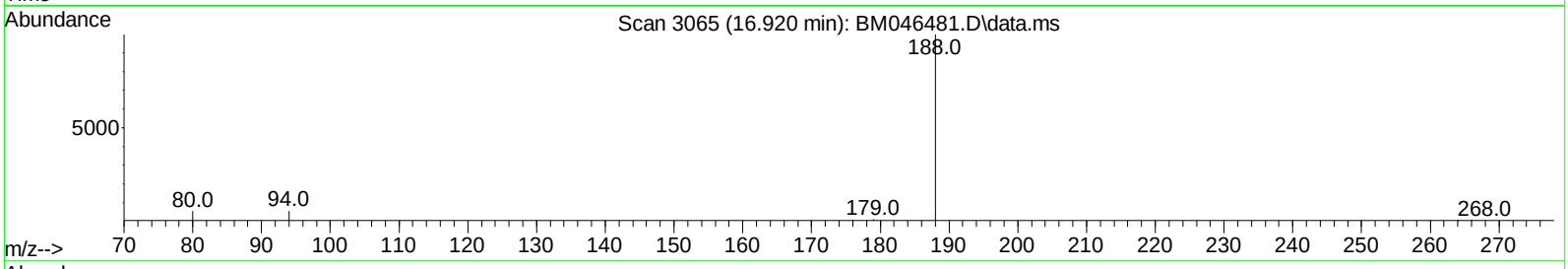
Quant Time: Jul 10 00:47:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 08:09:14 2024
Response via : Initial Calibration

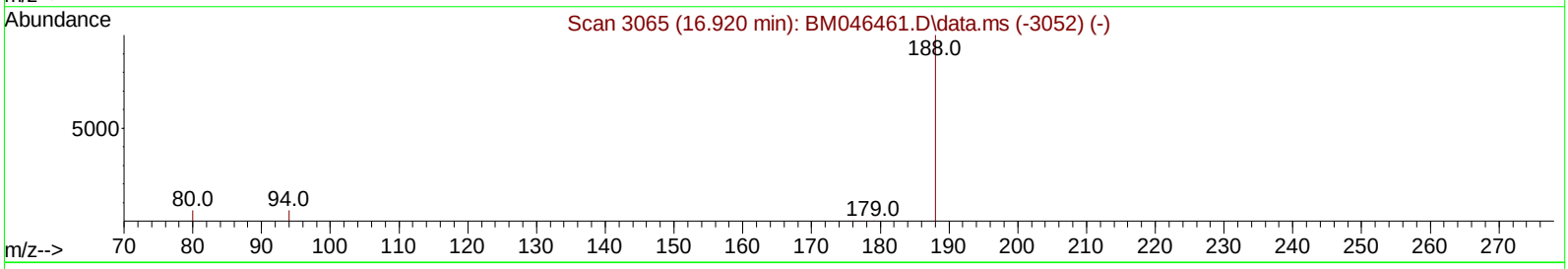
**Instrument :**
BNA_M
**ClientSampleId :**
E1G74

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024




TIC: BM046481.D\data.ms

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

**16.920min (-16.920) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 0.00 |
| 94.00 | 8.50 | 0.00# |
| 80.00 | 9.20 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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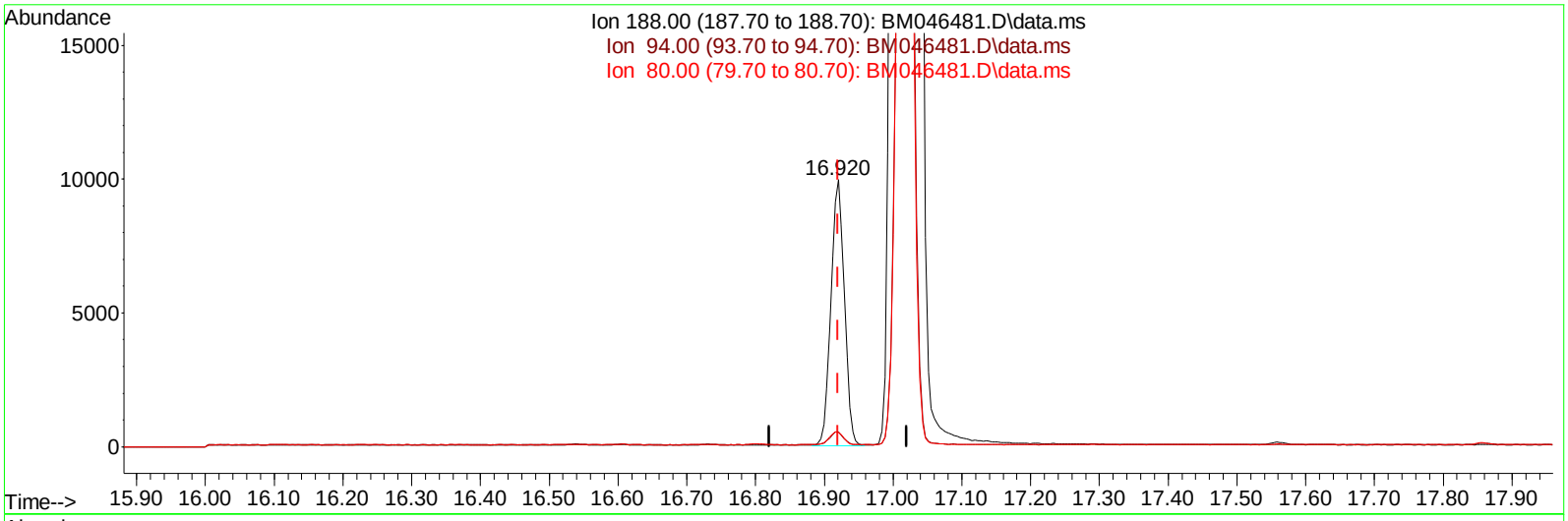


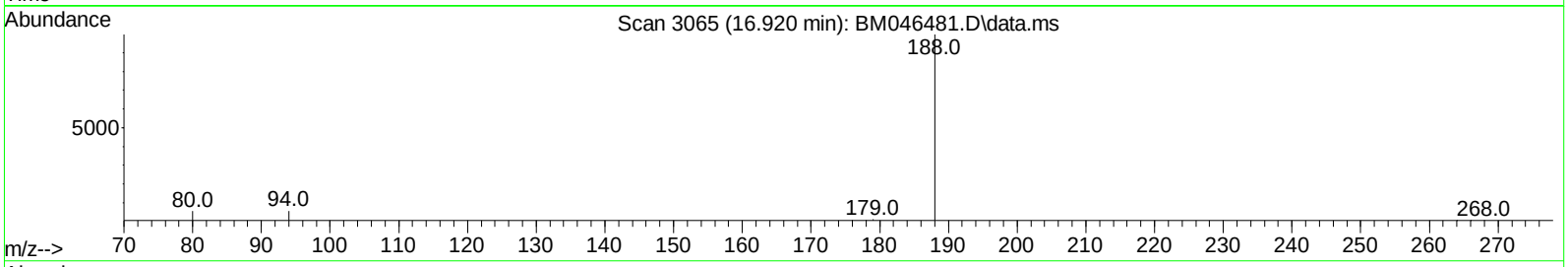


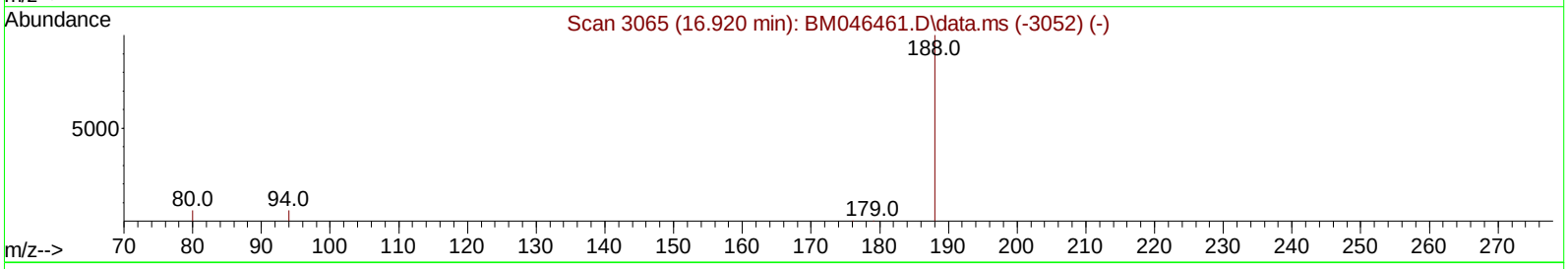


TIC: BM046481.D\data.ms

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

**16.920min (+ 0.000) 0.40 ng/ul m**

**response 13548**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 8.50 | 5.62# |
| 80.00 | 9.20 | 5.41# |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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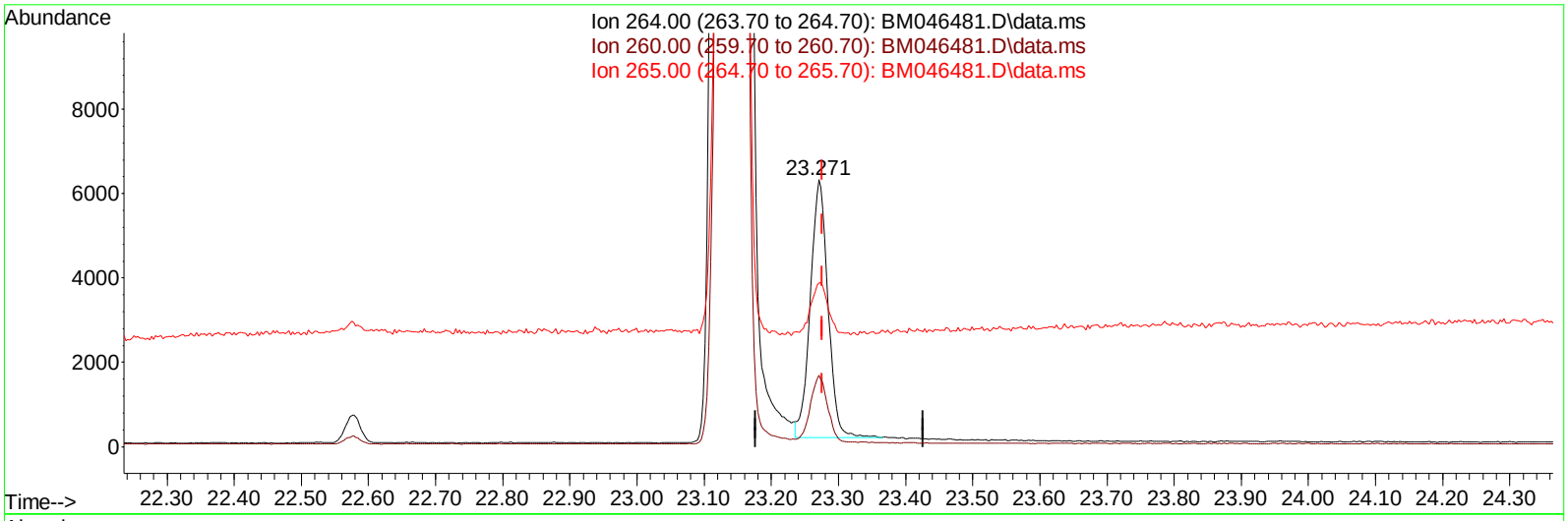


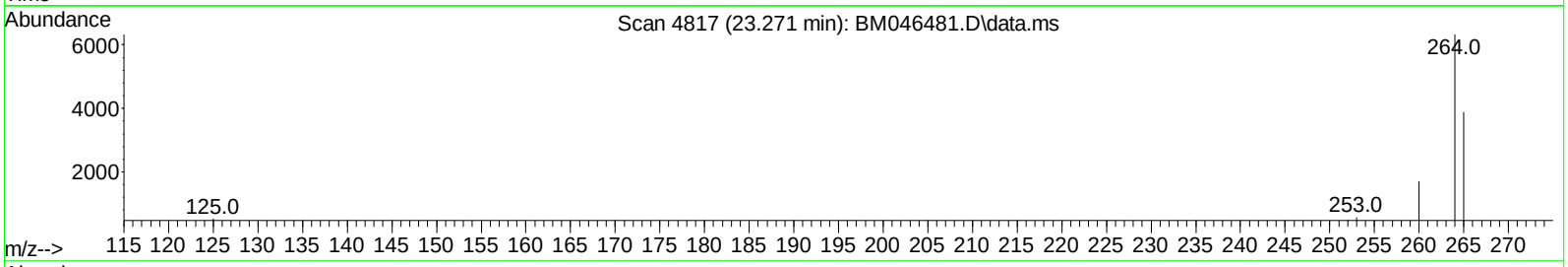


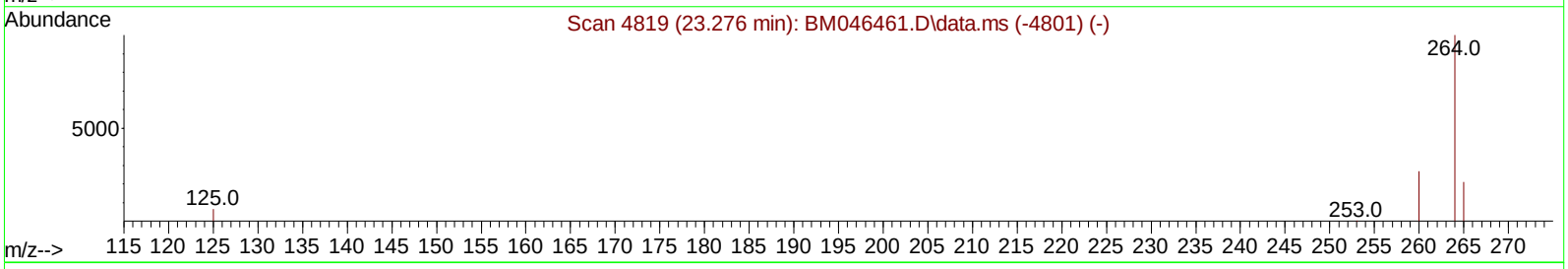


TIC: BM046481.D\data.ms

**(23) Perylene-d12 (I)**

**23.271min (-0.006) 0.40 ng/ul**

**response 11169**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 27.40 | 26.89 |
| 265.00 | 29.30 | 61.44# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_M
**ClientSampleId :**
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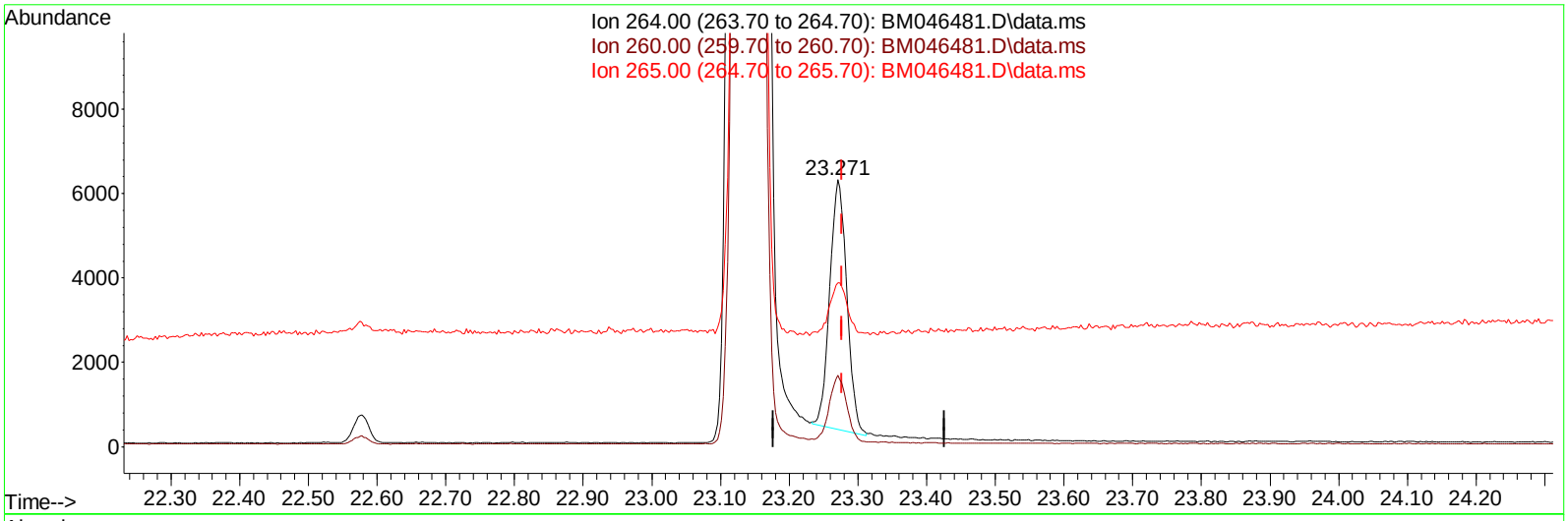
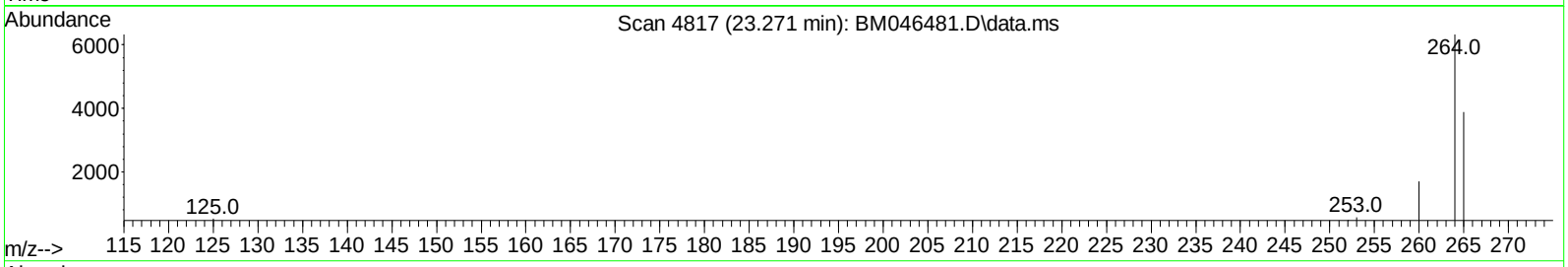
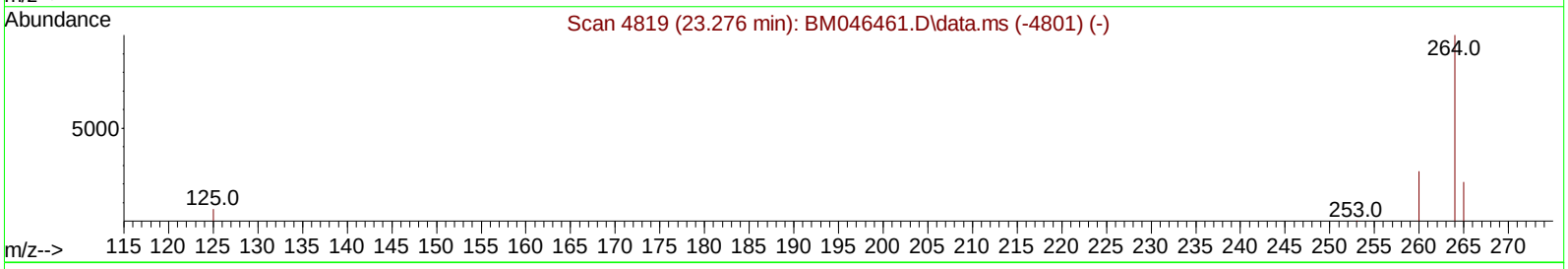
**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024




TIC: BM046481.D\data.ms

**(23) Perylene-d12 (I)**

**23.271min (-0.006) 0.40 ng/ul m**

**response 10185**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 27.40 | 26.89 |
| 265.00 | 29.30 | 61.44# |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.527 | 152 | 3751 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.286 | 136 | 9955 | 0.400 | ng/ul | # | 0.00 |
| 9) Acenaphthene-d10 | 14.168 | 164 | 6532 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 16.920 | 188 | 13548m | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.123 | 240 | 9640 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 23.271 | 264 | 10185m | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.126 | 96 | 12847 | 3.316 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.887 | 152 | 5450 | 0.370 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 18.954 | 212 | 12405 | 0.367 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.336 | 128 | 1100 | 0.042 | ng/ul | # | 82 |
| 7) 2-Methylnaphthalene | 11.964 | 142 | 1062 | 0.059 | ng/ul | | 99 |
| 8) 1-Methylnaphthalene | 12.184 | 142 | 721 | 0.039 | ng/ul | | 97 |
| 11) Acenaphthene | 14.232 | 153 | 448 | 0.021 | ng/ul | # | 93 |
| 12) Fluorene | 15.227 | 166 | 680 | 0.027 | ng/ul | # | 95 |
| 14) Pentachlorophenol | 16.570 | 266 | 124 | 0.031 | ng/ul | | 96 |
| 15) Phenanthrene | 16.958 | 178 | 978 | 0.024 | ng/ul | # | 82 |
| 16) Anthracene | 17.051 | 178 | 890 | 0.023 | ng/ul | # | 75 |
| 19) Fluoranthene | 18.987 | 202 | 1038 | 0.021 | ng/ul | # | 87 |

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

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