Quantitation Report (Qedit)

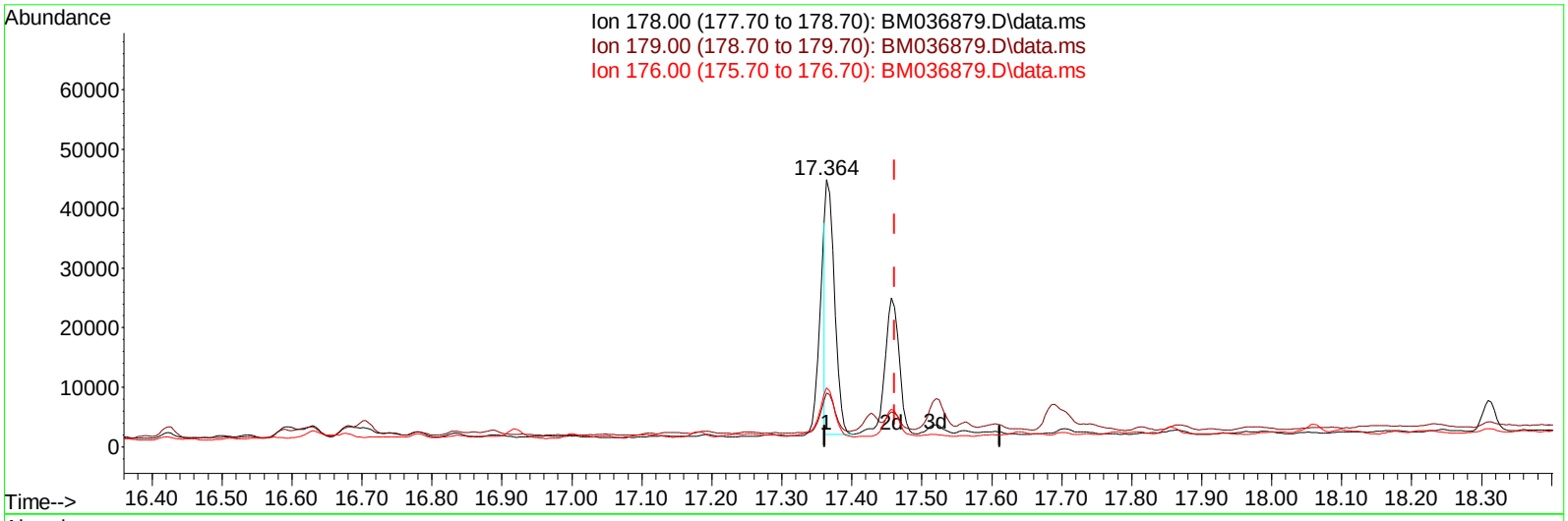
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036879.D
Acq On : 08 Oct 2022 04:26
Operator : CG/JU
Sample : N4824-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

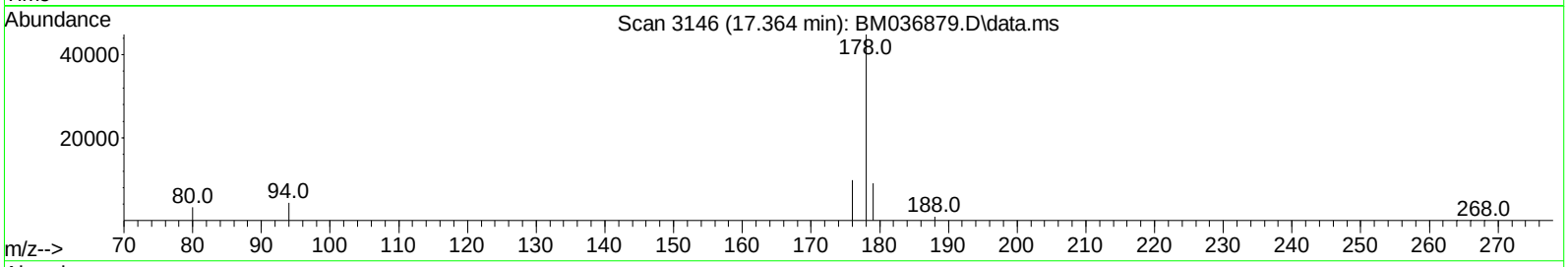
Quant Time: Oct 08 05:03:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration

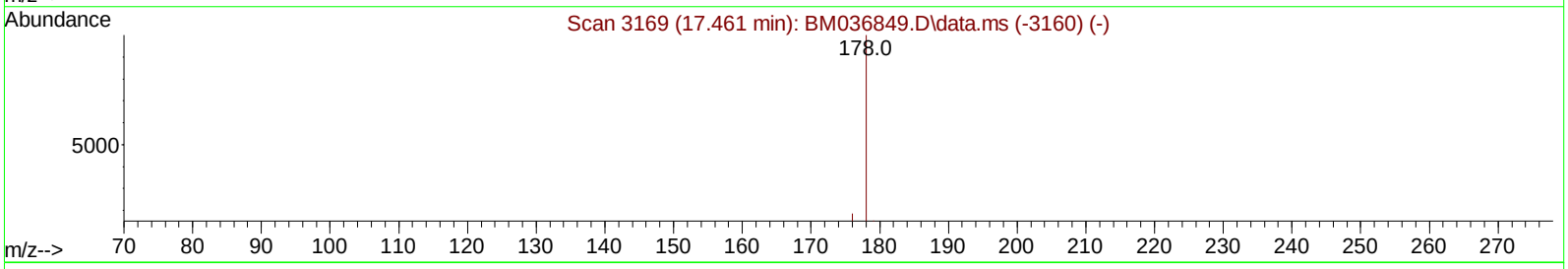
**Instrument :**
BNA_M
**ClientSampleId :**
CB8P3

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022




TIC: BM036879.D\data.ms

**(16) Anthracene**

**17.364min (-0.098) 0.37 ng/ul**

**response 38252**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 17.00 | 20.08 |
| 176.00 | 19.50 | 22.01 |
| 0.00 | 0.00 | 0.00 |

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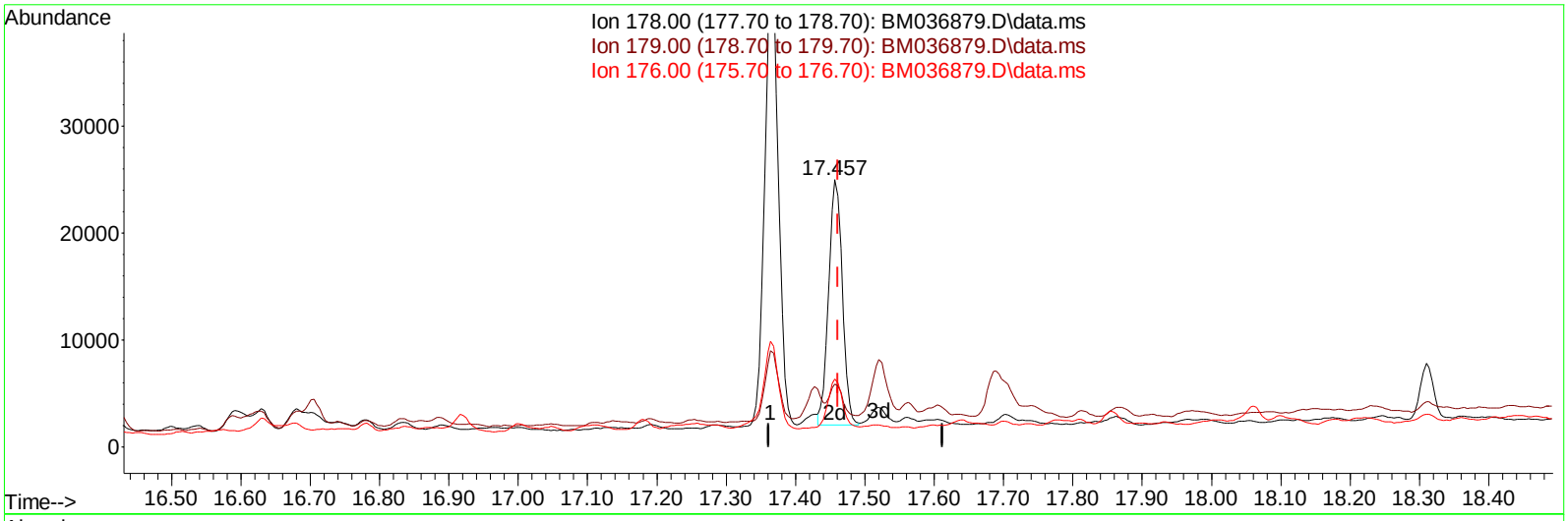


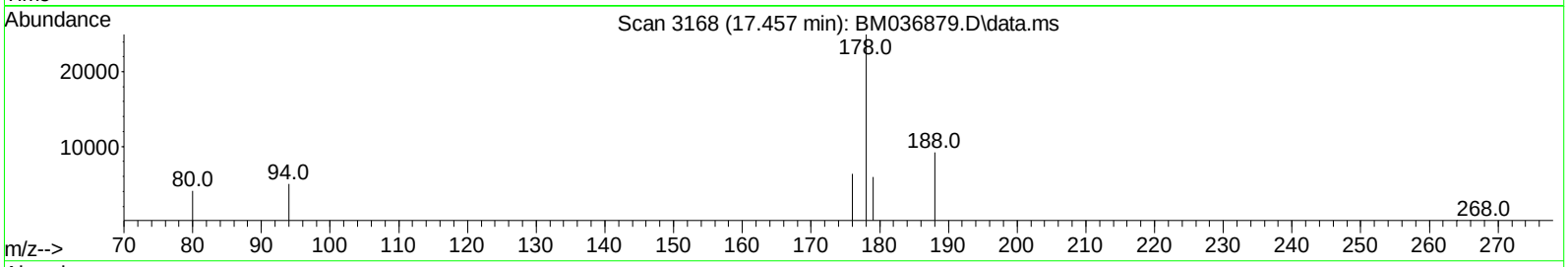


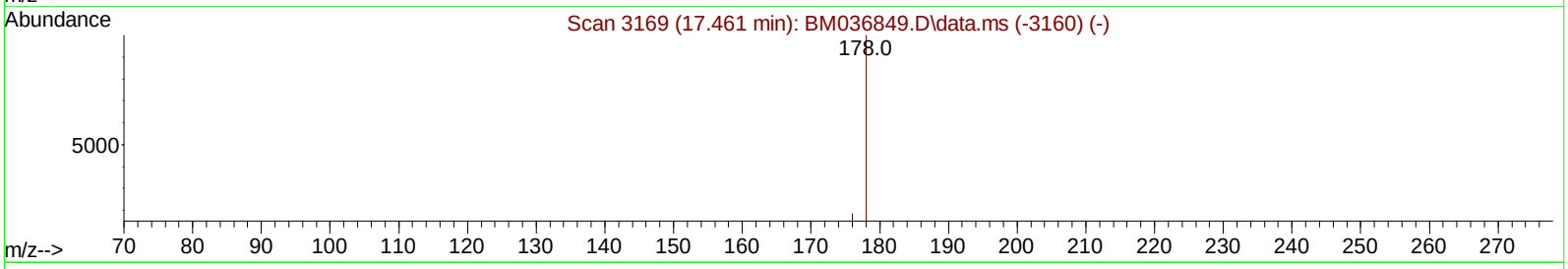


TIC: BM036879.D\data.ms

**(16) Anthracene**

**17.457min (-0.005) 0.30 ng/ul m**

**response 31451**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 17.00 | 23.58# |
| 176.00 | 19.50 | 25.33# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 08 Oct 2022 04:26
Operator : CG/JU
Sample : N4824-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 08 05:03:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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**Instrument :**
BNA_M
**ClientSampleId :**
CB8P3

**Manual IntegrationsAPPROVED**

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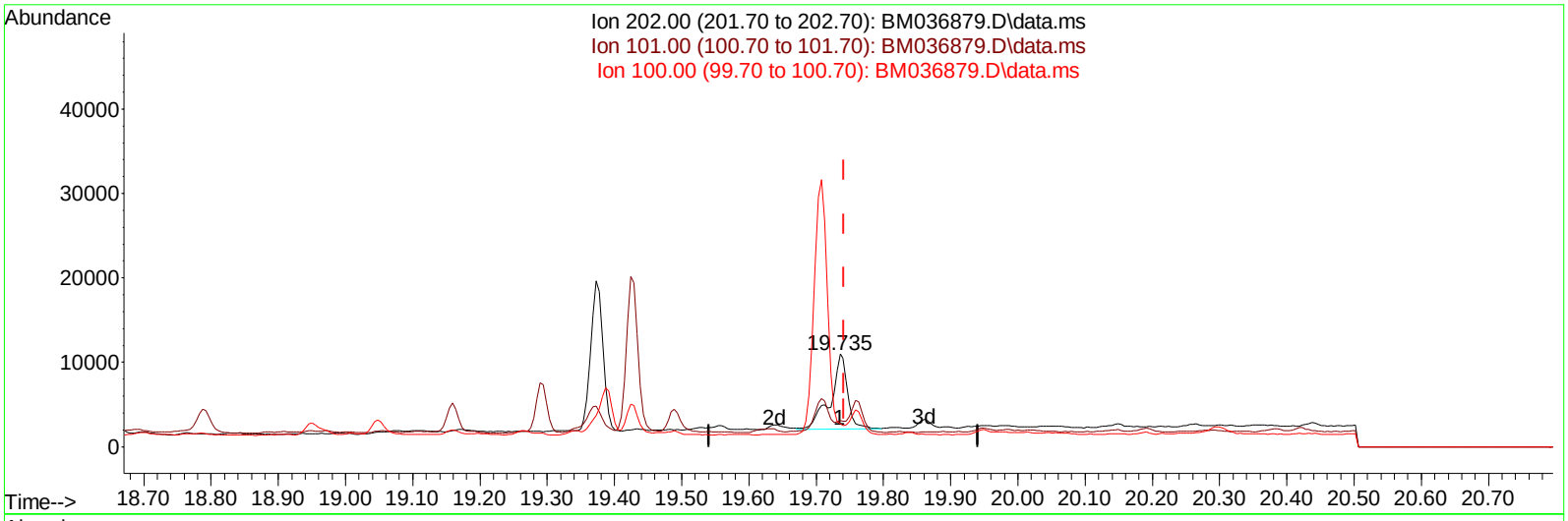


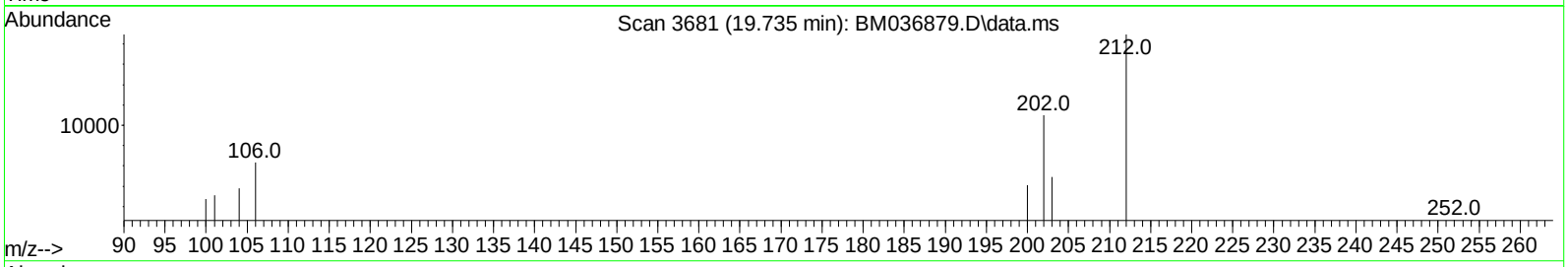


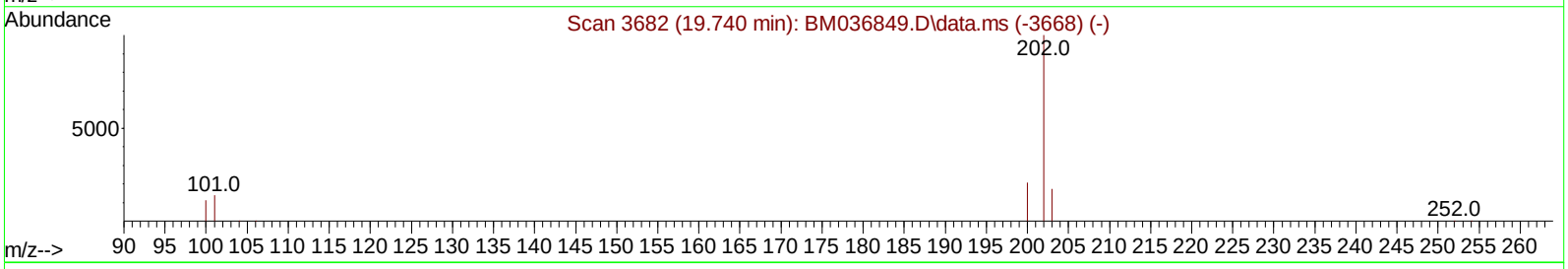


TIC: BM036879.D\data.ms

**(20) Pyrene**

**19.735min (-0.005) 0.16 ng/ul**

**response 15875**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00 | 28.03# |
| 100.00 | 12.20 | 24.99# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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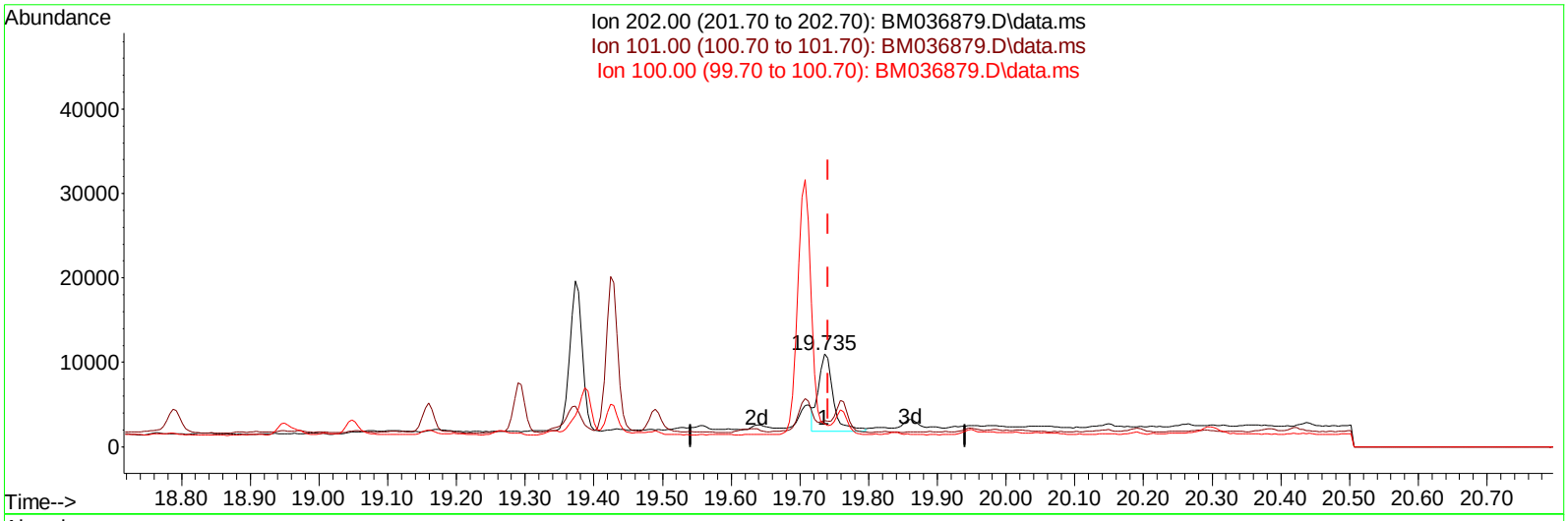
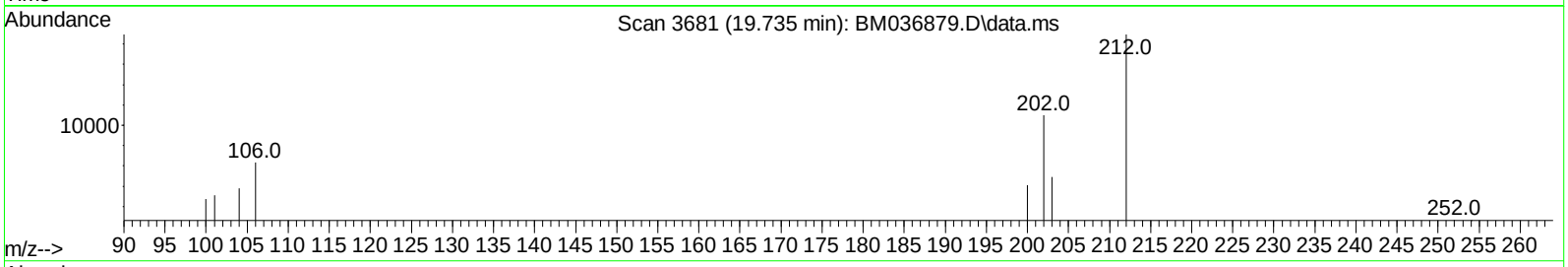
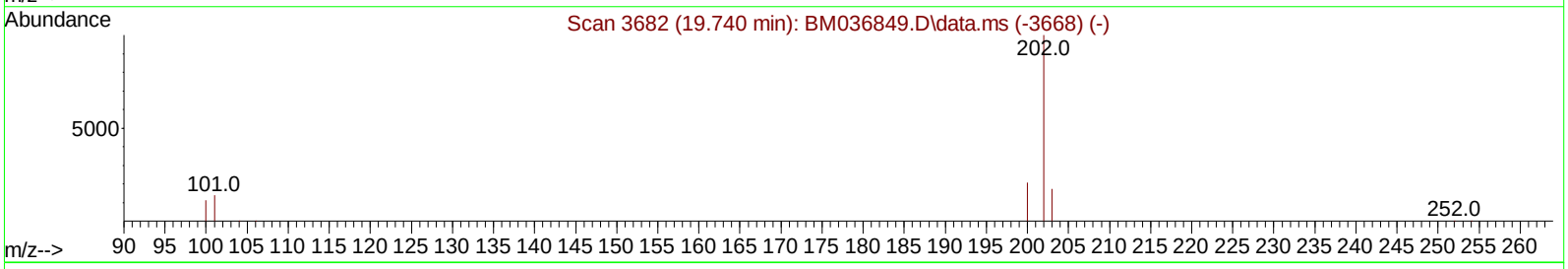
**Instrument :**
BNA_M
**ClientSampleId :**
CB8P3

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022




TIC: BM036879.D\data.ms

**(20) Pyrene**

**19.735min (-0.005) 0.14 ng/ul m**

**response 13439**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00 | 28.03# |
| 100.00 | 12.20 | 24.99# |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.964 | 152 | 9595 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.765 | 136 | 34068 | 0.400 | ng/ul | #-0.01 |
| 9) Acenaphthene-d10 | 14.589 | 164 | 22632 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.322 | 188 | 38707 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.491 | 240 | 23409 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.891 | 264 | 21811 | 0.400 | ng/ul | #-0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.352 | 96 | 51817 | 3.829 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.349 | 152 | 17897 | 0.348 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.345 | 212 | 32201 | 0.460 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.815 | 128 | 7053 | 0.072 | ng/ul# | 47 |
| 7) 2-Methylnaphthalene | 12.420 | 142 | 2588 | 0.043 | ng/ul | 83 |
| 8) 1-Methylnaphthalene | 12.640 | 142 | 4786 | 0.079 | ng/ul | 97 |
| 10) Acenaphthylene | 14.311 | 152 | 8677 | 0.092 | ng/ul# | 2 |
| 11) Acenaphthene | 14.649 | 153 | 210562 | 2.579 | ng/ul | 98 |
| 12) Fluorene | 15.630 | 166 | 154207 | 1.667 | ng/ul | 99 |
| 15) Phenanthrene | 17.364 | 178 | 59187 | 0.479 | ng/ul# | 93 |
| 16) Anthracene | 17.457 | 178 | 31451m | 0.305 | ng/ul | |
| 19) Fluoranthene | 19.373 | 202 | 22681 | 0.244 | ng/ul# | 73 |
| 20) Pyrene | 19.735 | 202 | 13439m | 0.138 | ng/ul | |
| 21) Benzo(a)anthracene | 21.474 | 228 | 2716 | 0.032 | ng/ul# | 16 |

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

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