Quantitation Report (Qedit)

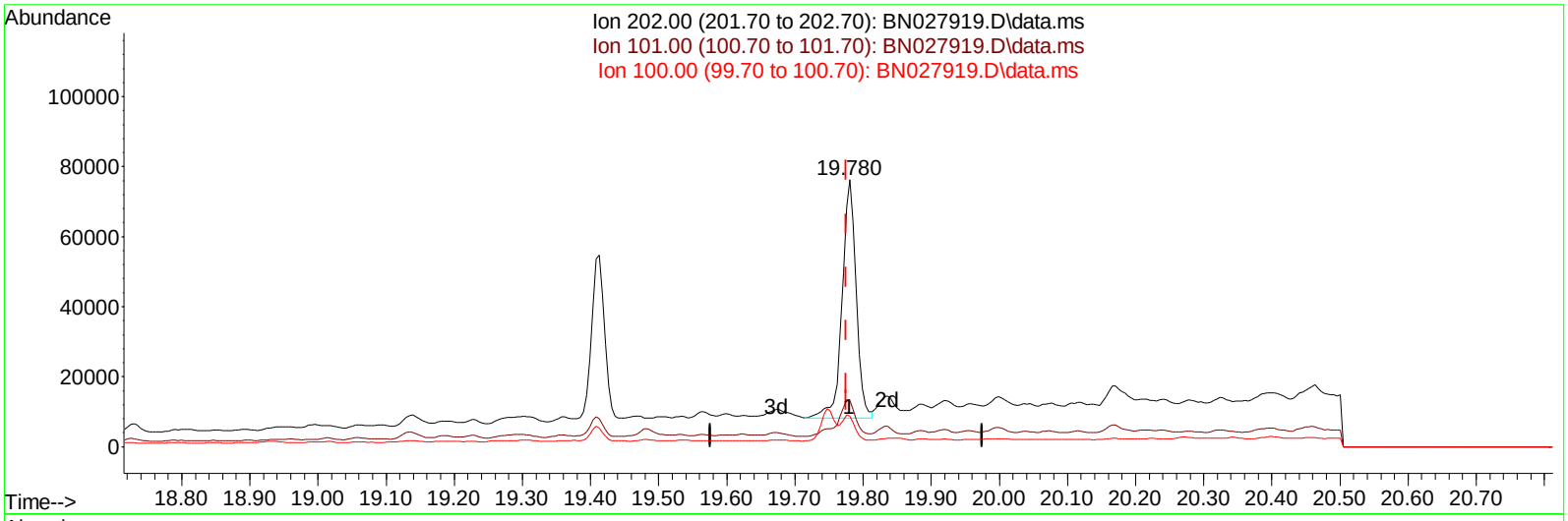
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027919.D
Acq On : 28 Sep 2023 11:03
Operator : MA/JU
Sample : 04417-30
Misc :
ALS Vial : 5 Sample Multiplier: 1

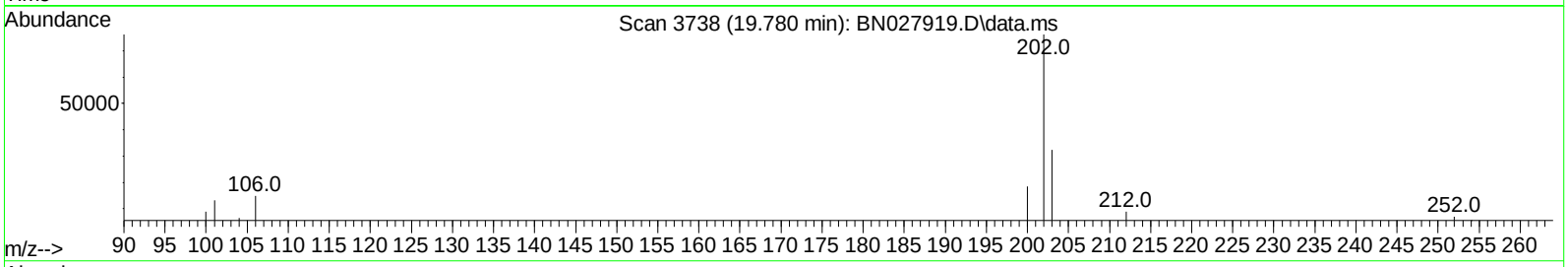
Quant Time: Sep 29 08:26:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

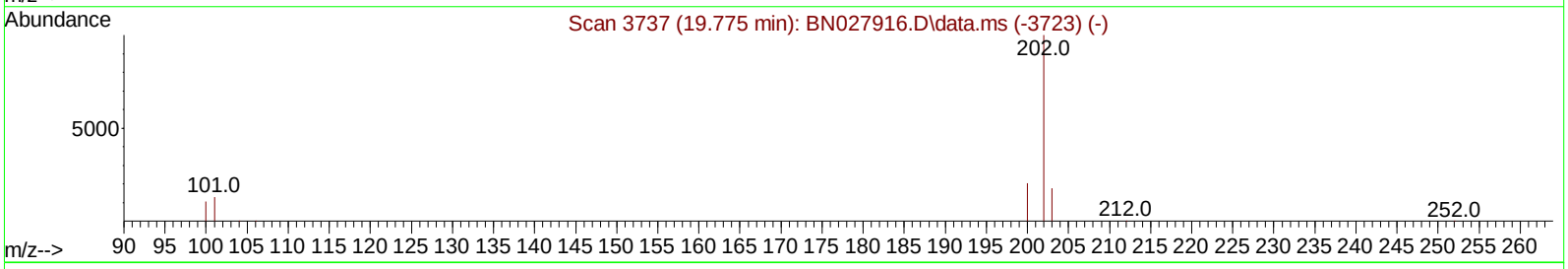
**Instrument :**
BNA_N
**ClientSampleId :**
EZYM9

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023




TIC: BN027919.D\data.ms

**(20) Pyrene**

**19.780min (+ 0.005) 1.40 ng/ul**

**response 96743**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.20 | 17.35# |
| 100.00 | 11.40 | 11.49 |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
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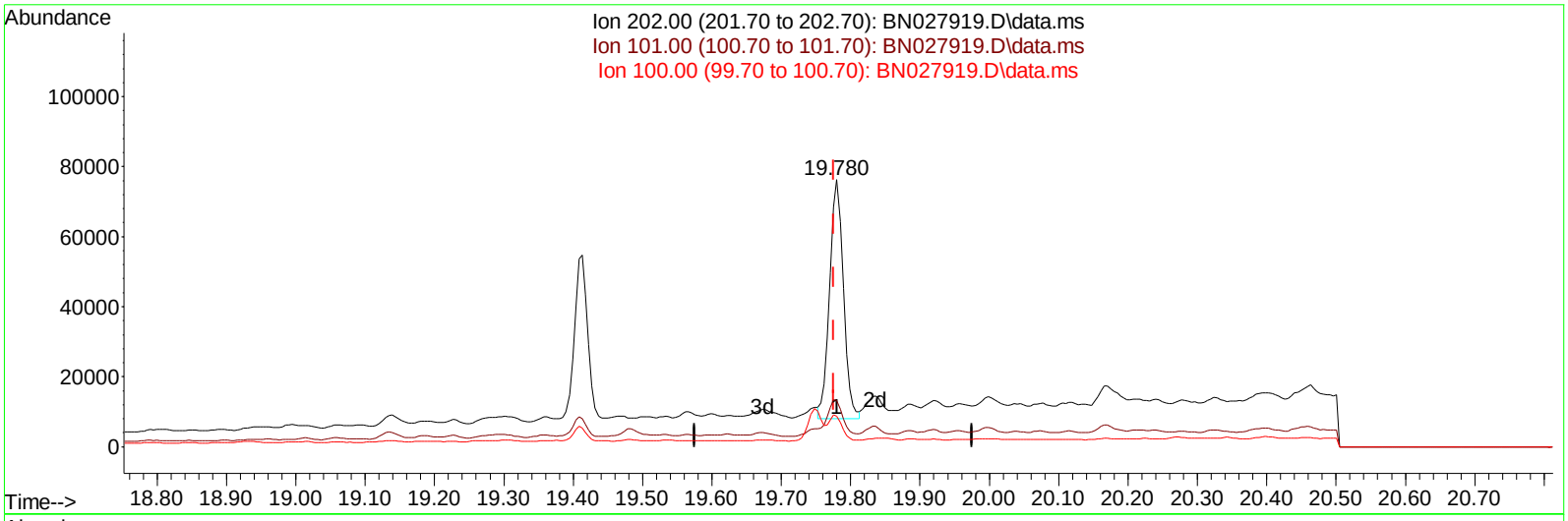


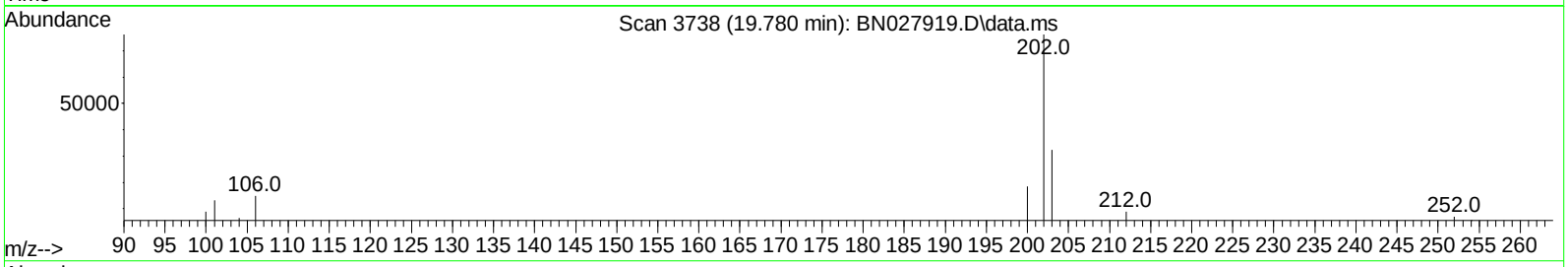


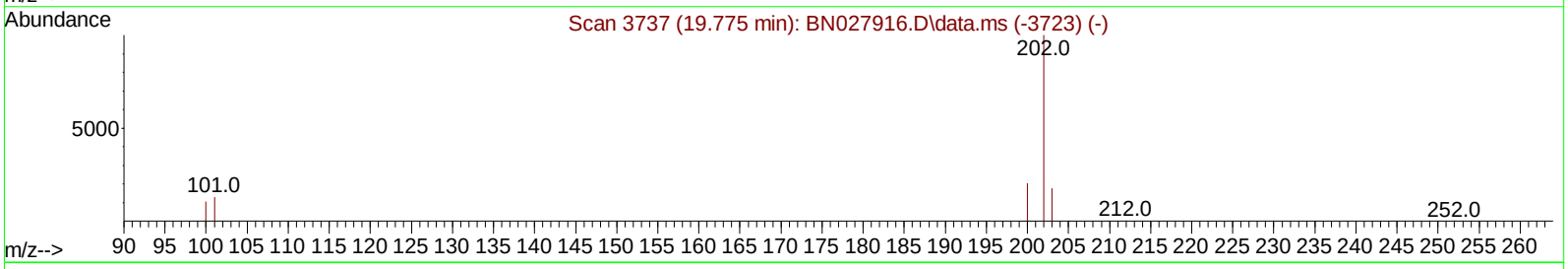


TIC: BN027919.D\data.ms

**(20) Pyrene**

**19.780min (+ 0.005) 1.35 ng/ul m**

**response 93738**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.20 | 17.35# |
| 100.00 | 11.40 | 11.49 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Manual IntegrationsAPPROVED**

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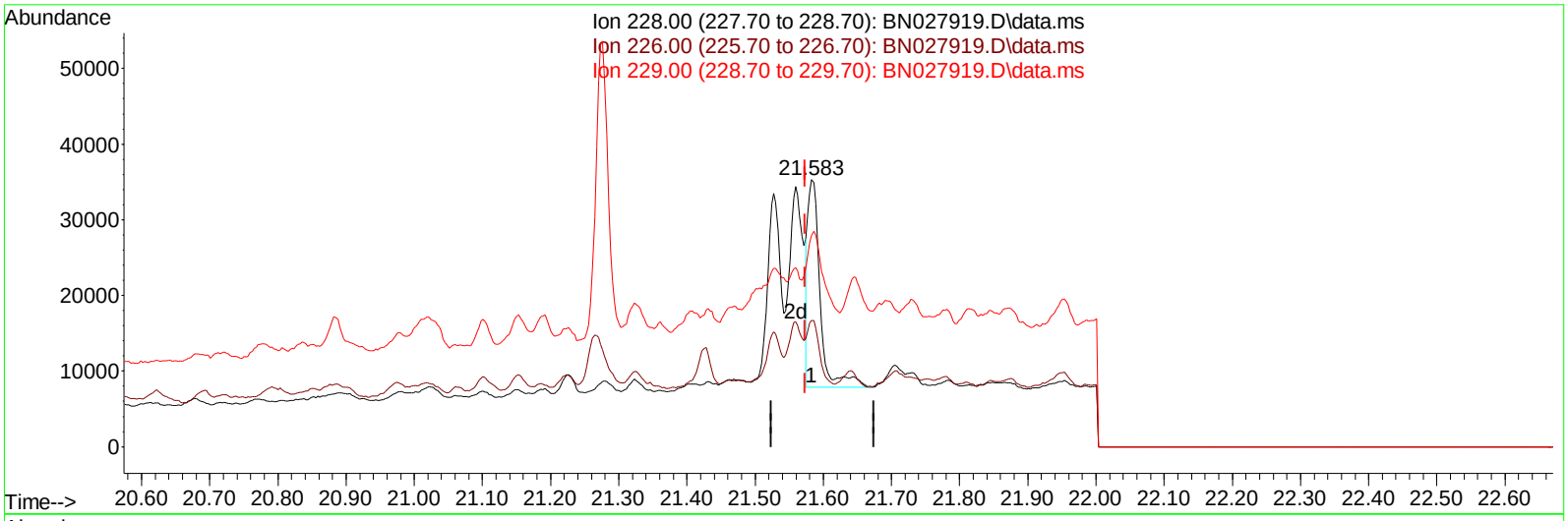


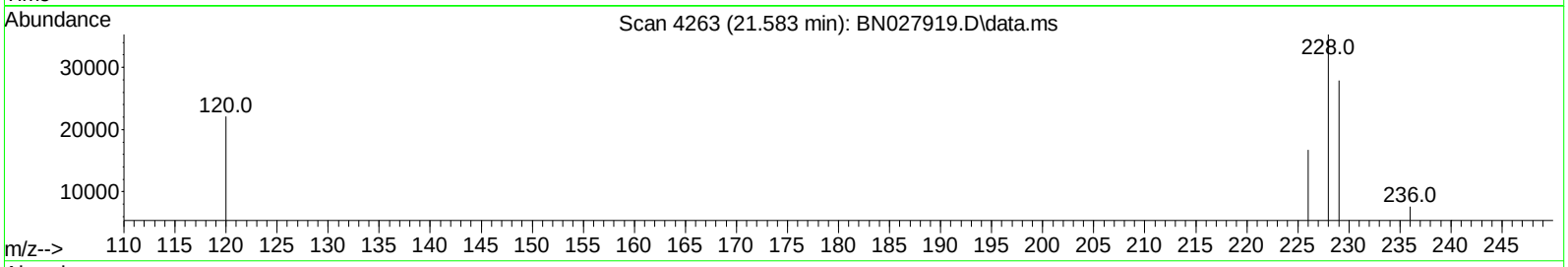


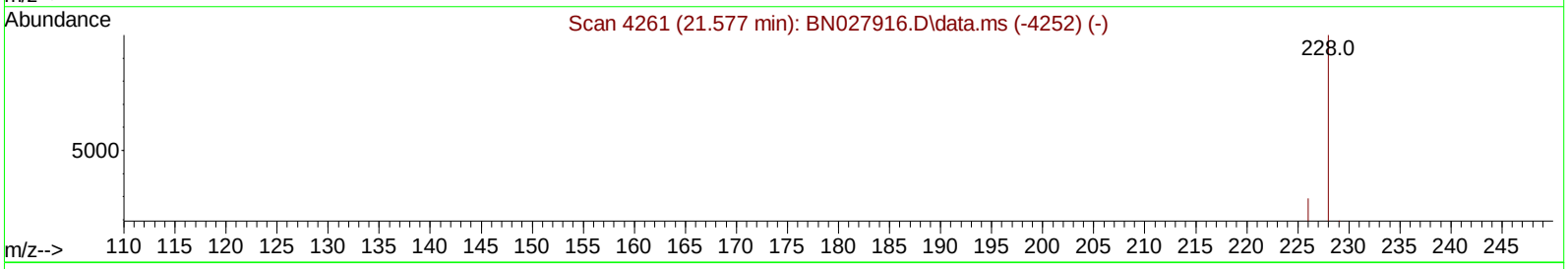


TIC: BN027919.D\data.ms

**(22) Chrysene**

**21.583min (+ 0.009) 0.52 ng/ul**

**response 34692**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.60 | 47.37# |
| 229.00 | 20.00 | 79.14# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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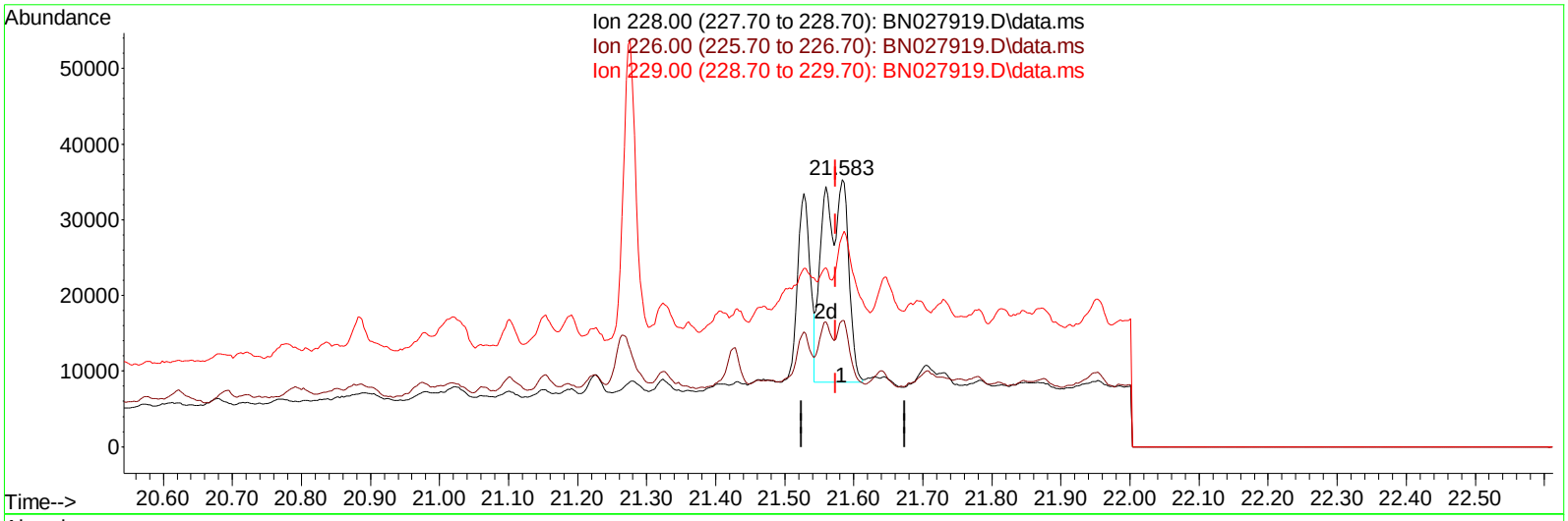
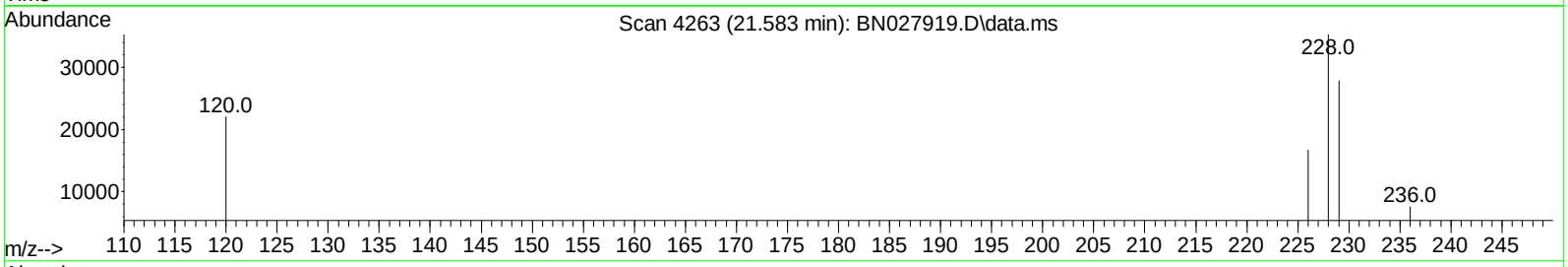
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

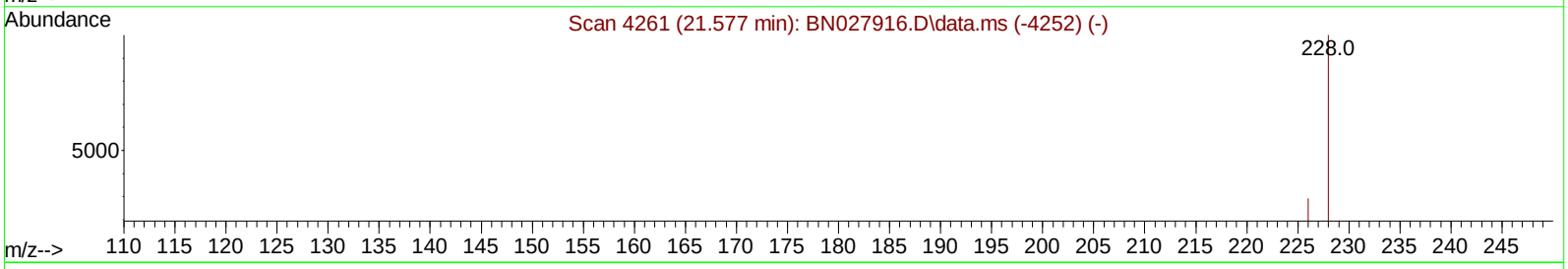
**Instrument :**
BNA_N
**ClientSampleId :**
EZYM9

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023




TIC: BN027919.D\data.ms

**(22) Chrysene**

**21.583min (+ 0.009) 1.01 ng/ul m**

**response 67062**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.60 | 47.37# |
| 229.00 | 20.00 | 79.14# |
| 0.00 | 0.00 | 0.00 |

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EZYM9

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.958 | 152 | 4155 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.773 | 136 | 15214 | 0.400 | ng/ul | | -0.01 |
| 9) Acenaphthene-d10 | 14.601 | 164 | 10279 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.354 | 188 | 20597 | 0.400 | ng/ul | # | 0.00 |
| 17) Chrysene-d12 | 21.545 | 240 | 16643 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 24.038 | 264 | 13975 | 0.400 | ng/ul | # | 0.03 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.330 | 96 | 10847 | 2.073 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.357 | 152 | 3778 | 0.164 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.380 | 212 | 8284 | 0.163 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.828 | 128 | 9425 | 0.217 | ng/ul | | 98 |
| 7) 2-Methylnaphthalene | 12.429 | 142 | 6636 | 0.241 | ng/ul | | 100 |
| 8) 1-Methylnaphthalene | 12.649 | 142 | 3544 | 0.125 | ng/ul | | 99 |
| 10) Acenaphthylene | 14.328 | 152 | 5348 | 0.119 | ng/ul | # | 64 |
| 11) Acenaphthene | 14.661 | 153 | 3074 | 0.079 | ng/ul | | 91 |
| 12) Fluorene | 15.651 | 166 | 2786 | 0.061 | ng/ul | # | 50 |
| 15) Phenanthrene | 17.396 | 178 | 41060 | 0.634 | ng/ul | # | 78 |
| 16) Anthracene | 17.489 | 178 | 18377 | 0.339 | ng/ul | # | 55 |
| 19) Fluoranthene | 19.413 | 202 | 62539 | 0.929 | ng/ul | # | 94 |
| 20) Pyrene | 19.780 | 202 | 93738m | 1.352 | ng/ul | | |
| 21) Benzo(a)anthracene | 21.527 | 228 | 31867 | 0.495 | ng/ul | # | 34 |
| 22) Chrysene | 21.583 | 228 | 67062m | 1.008 | ng/ul | | |
| 24) Benzo(b)fluoranthene | 23.261 | 252 | 68669 | 1.102 | ng/ul | # | 1 |
| 25) Benzo(k)fluoranthene | 23.310 | 252 | 38347 | 0.635 | ng/ul | # | 1 |
| 26) Benzo(a)pyrene | 23.921 | 252 | 56682 | 1.131 | ng/ul | # | 1 |
| 27) Indeno(1,2,3-cd)pyrene | 26.640 | 276 | 41633 | 0.649 | ng/ul | # | 87 |
| 28) Dibenzo(a,h)anthracene | 26.640 | 278 | 11339 | 0.219 | ng/ul | # | 1 |
| 29) Benzo(g,h,i)perylene | 27.458 | 276 | 61999 | 1.137 | ng/ul | # | 75 |

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

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