Quantitation Report (Qedit)

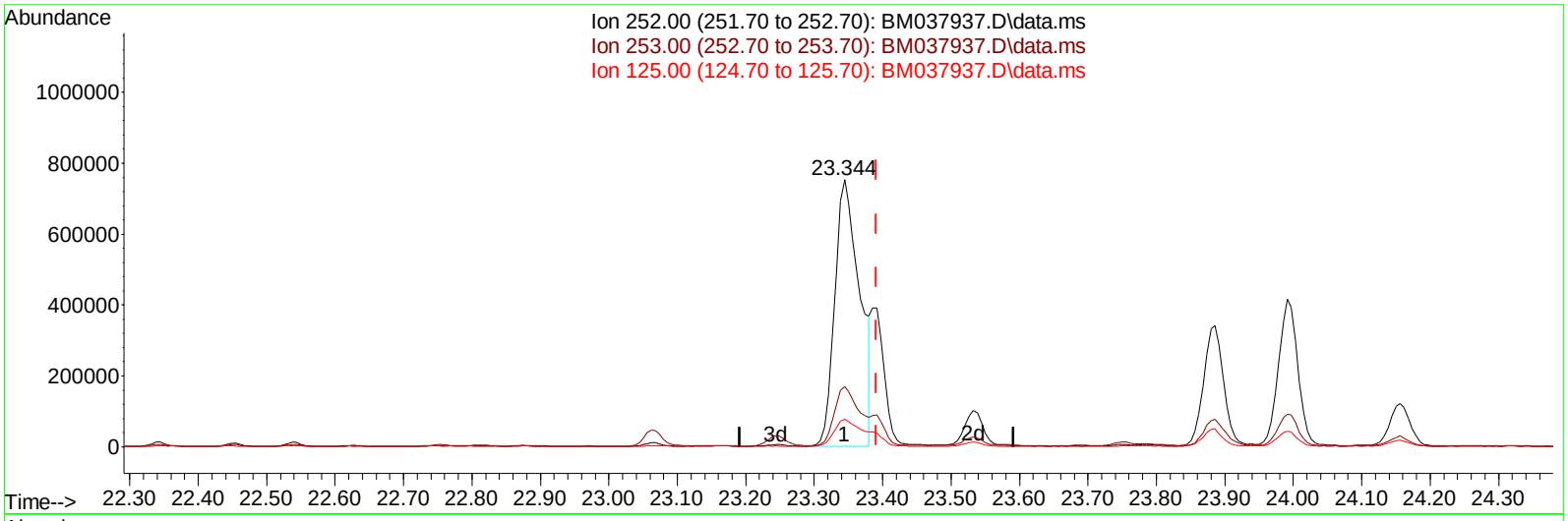
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

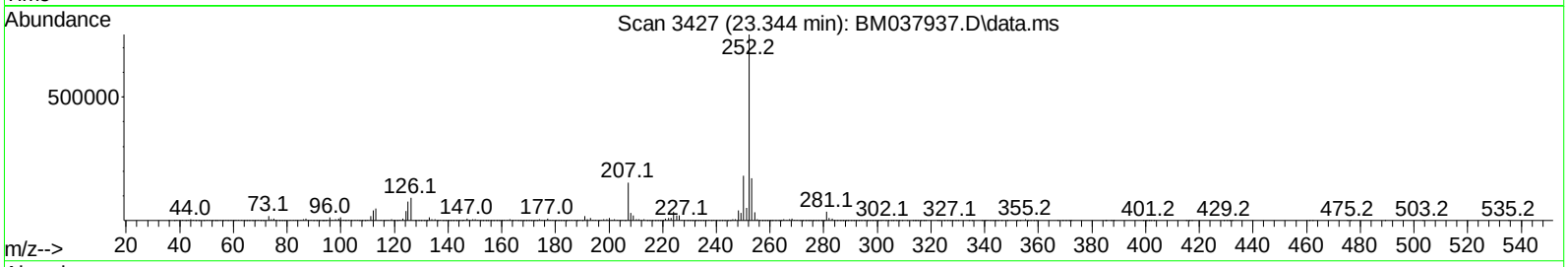
Quant Time: Dec 11 21:27:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

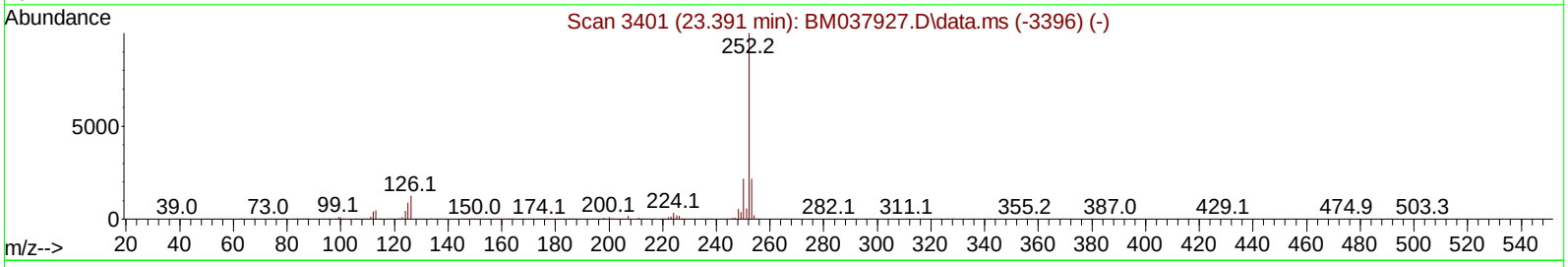
**Instrument :**
BNA_M
**ClientSampleId :**
DBXN1ME

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022




TIC: BM037937.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.344min (-0.047) 32.01 ng/ul**

**response 1900536**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.80 | 22.58 |
| 125.00 | 10.10 | 10.21 |
| 0.00 | 0.00 | 0.00 |

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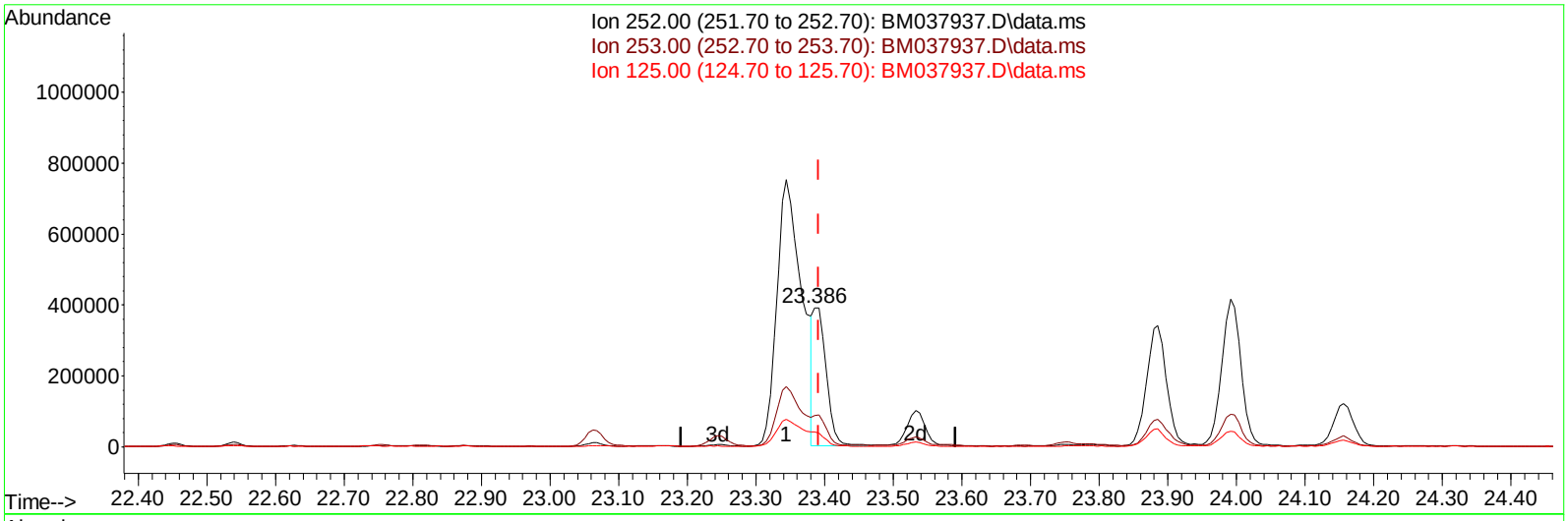


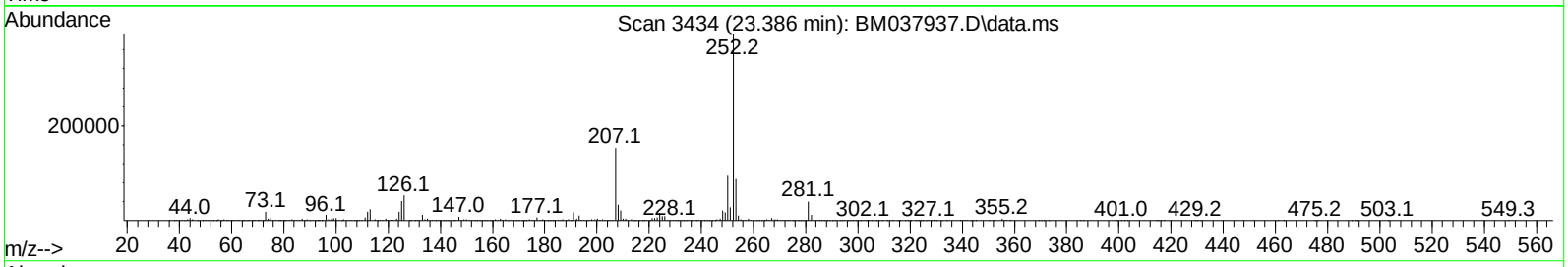


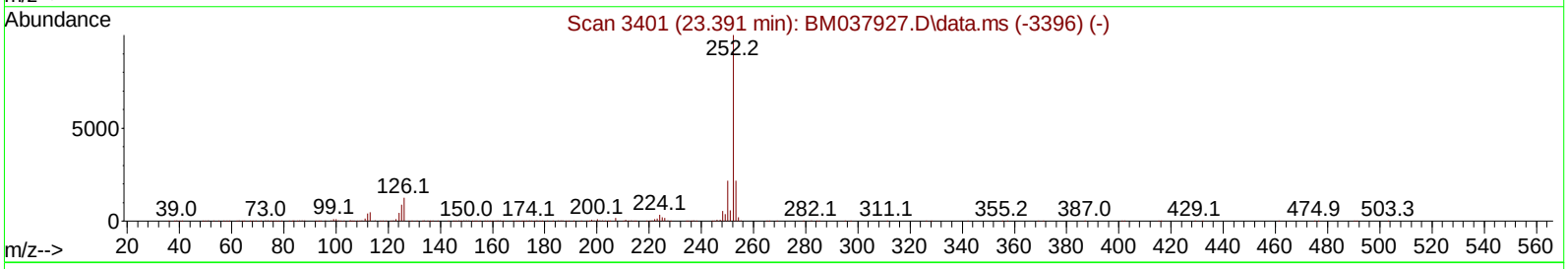


TIC: BM037937.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.386min (-0.006) 8.60 ng/ul m**

**response 510634**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.80 | 22.32 |
| 125.00 | 10.10 | 10.49 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_M
**ClientSampleId :**
DBXN1ME

**Manual IntegrationsAPPROVED**

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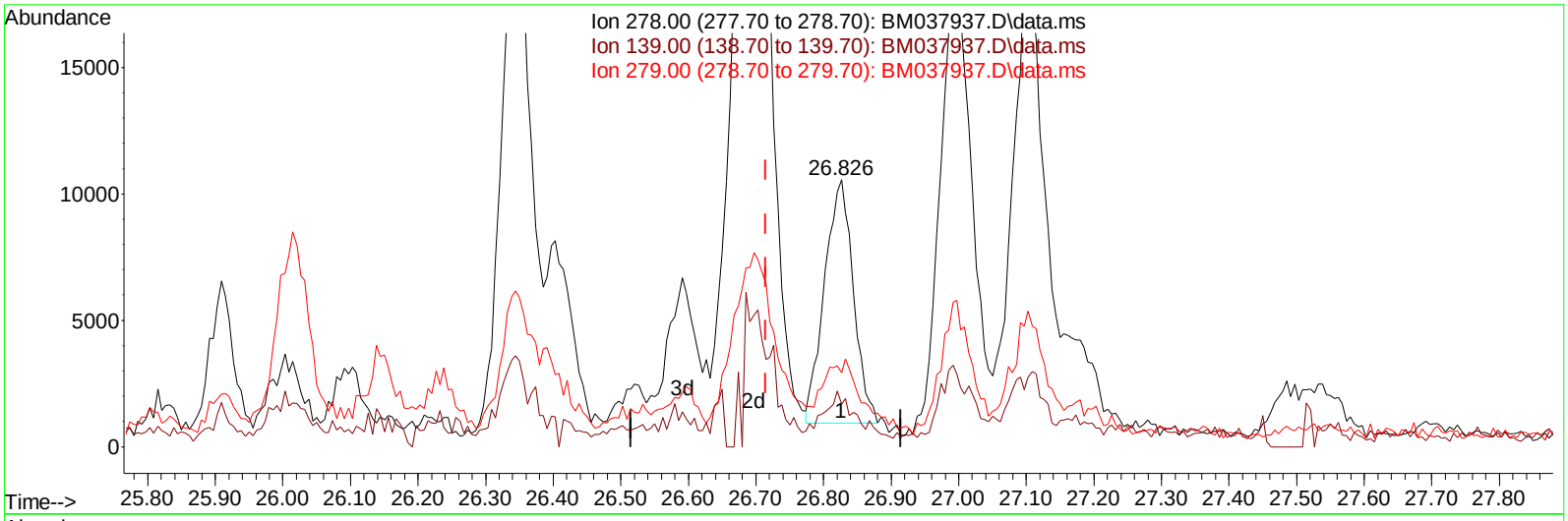


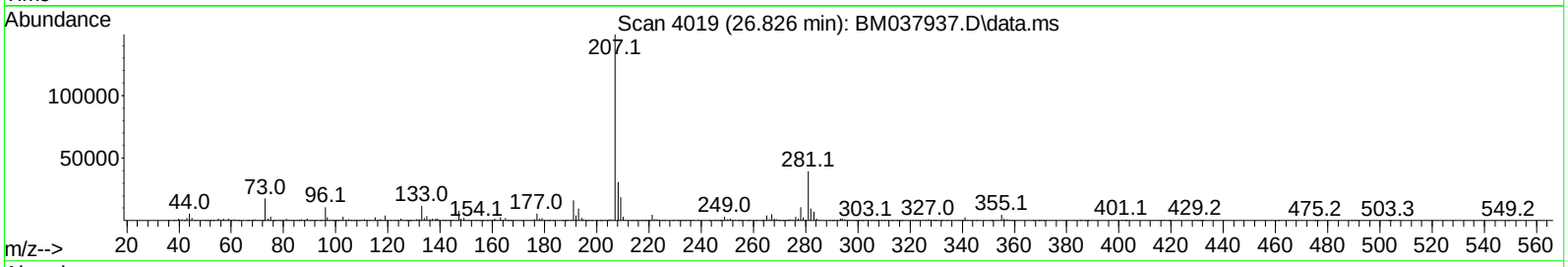


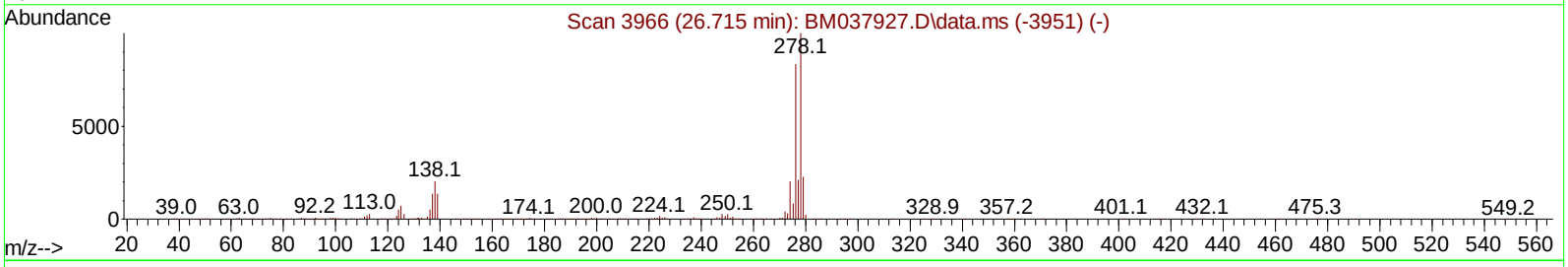


TIC: BM037937.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**26.826min (+ 0.112) 0.49 ng/ul**

**response 28434**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 15.50 | 15.94 |
| 279.00 | 24.70 | 27.62 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_M
**ClientSampleId :**
DBXN1ME

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/12/2022
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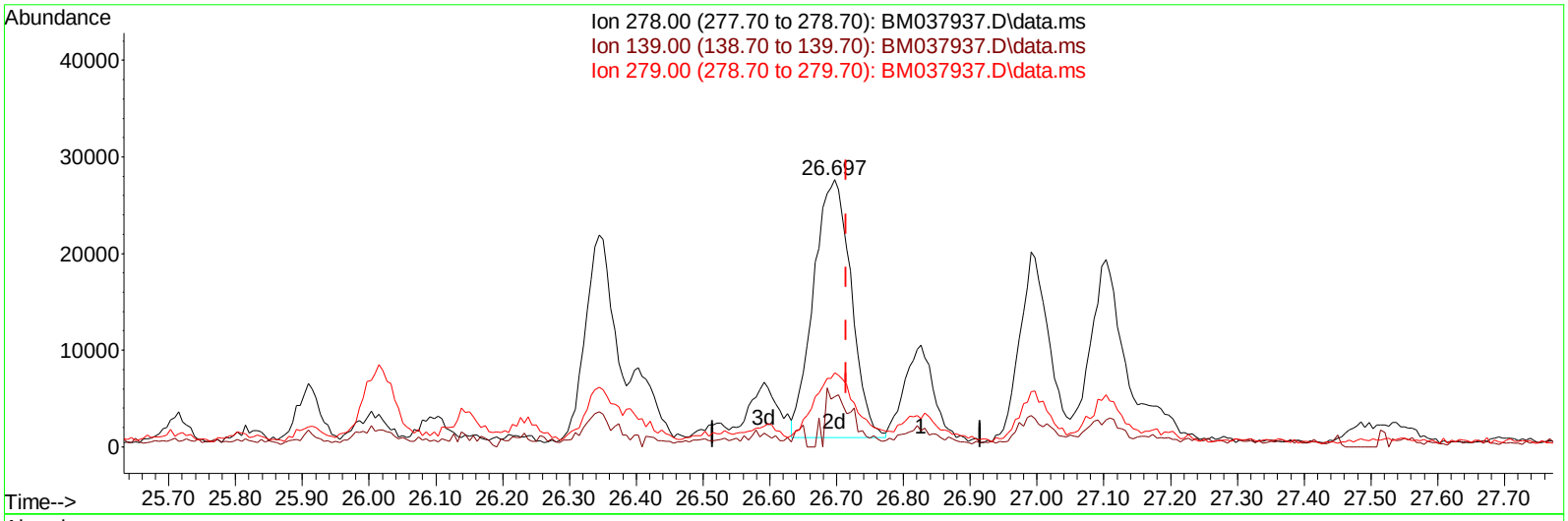


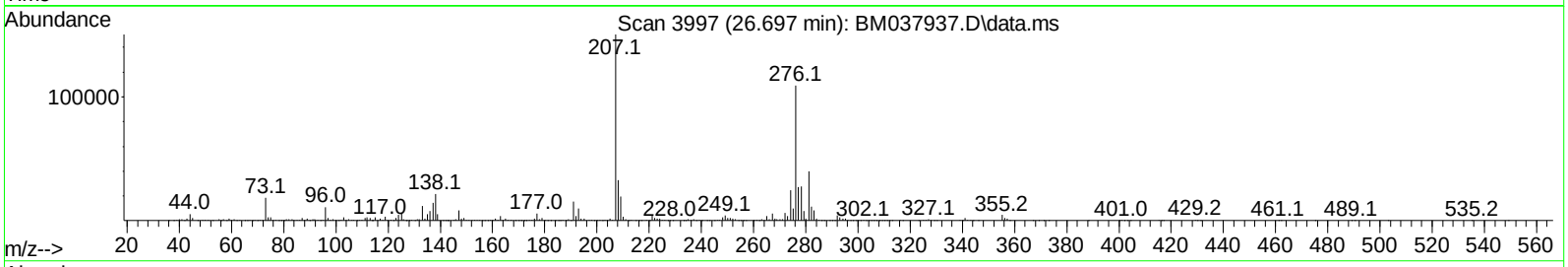


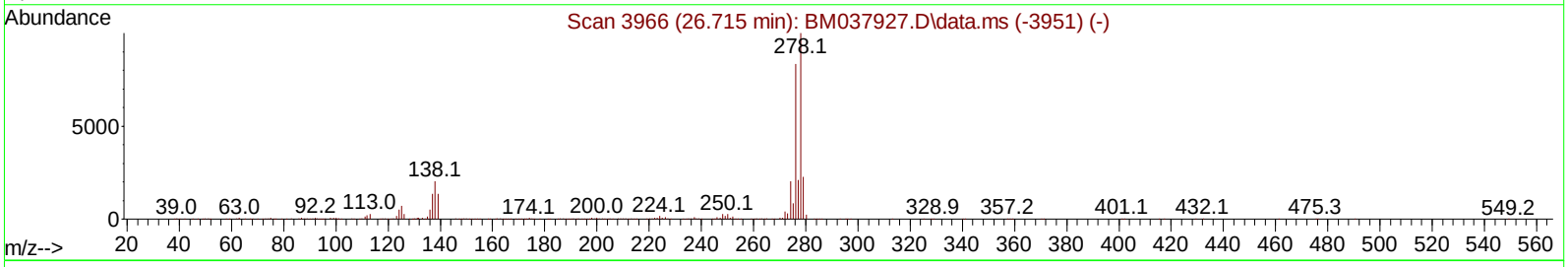


TIC: BM037937.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**26.697min (-0.018) 1.78 ng/ul m**

**response 104104**

| Ion | Exp% | Act% |
|---|---|---|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 15.50 | 18.86# |
| 279.00 | 24.70 | 27.78 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
BNA_M
**ClientSampleId :**
DBXN1ME

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.075 | 152 | 227991 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.898 | 136 | 848207 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.710 | 164 | 468407 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.451 | 188 | 925036 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.621 | 240 | 870930 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.103 | 264 | 988297 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.422 | 96 | 24282 | 4.836 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.857 | 84 | 207921 | 13.959 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.234 | 99 | 480409 | 25.931 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.398 | 67 | 308764 | 27.370 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.604 | 132 | 428000 | 28.161 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.786 | 113 | 350352 | 24.226 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.251 | 128 | 206549 | 30.756 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.975 | 143 | 219172 | 31.142 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.516 | 165 | 368568 | 27.572 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.033 | 131 | 432399 | 23.433 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.116 | 166 | 1044905 | 31.290 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.404 | 160 | 1231050 | 30.162 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.898 | 143 | 124542 | 21.883 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.698 | 176 | 931875 | 31.322 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.821 | 200 | 114354 | 23.122 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.551 | 188 | 1340893 | 31.059 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.833 | 212 | 1566649 | 29.945 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.944 | 264 | 1610743 | 32.630 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.951 | 128 | 64710 | 1.414 | ng/ul# | 96 |
| 36) 2-Methylnaphthalene | 12.545 | 142 | 42986 | 1.448 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.763 | 142 | 211769 | 6.976 | ng/ul | 99 |
| 50) Acenaphthylene | 14.433 | 152 | 140152 | 3.123 | ng/ul# | 95 |
| 52) Acenaphthene | 14.774 | 153 | 2254853 | 72.641 | ng/ul | 100 |
| 61) Fluorene | 15.757 | 166 | 2673324 | 77.349 | ng/ul | 98 |
| 72) Phenanthrene | 17.498 | 178 | 9603986 | 190.117 | ng/ul | 97 |
| 74) Anthracene | 17.592 | 178 | 8103437 | 157.847 | ng/ul | 99 |
| 80) Fluoranthene | 19.509 | 202 | 9383568 | 151.976 | ng/ul | 99 |
| 82) Pyrene | 19.868 | 202 | 7079410 | 110.169 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.603 | 228 | 1954923 | 33.341 | ng/ul | 99 |
| 87) Chrysene | 21.662 | 228 | 2157168 | 39.212 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.344 | 252 | 1900536 | 31.019 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.386 | 252 | 510634m | 8.599 | ng/ul | |
| 93) Benzo(a)pyrene | 23.991 | 252 | 810965 | 15.051 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.691 | 276 | 381142 | 5.493 | ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 26.697 | 278 | 104104m | 1.780 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 27.497 | 276 | 254257 | 4.589 | ng/ul | 97 |

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

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