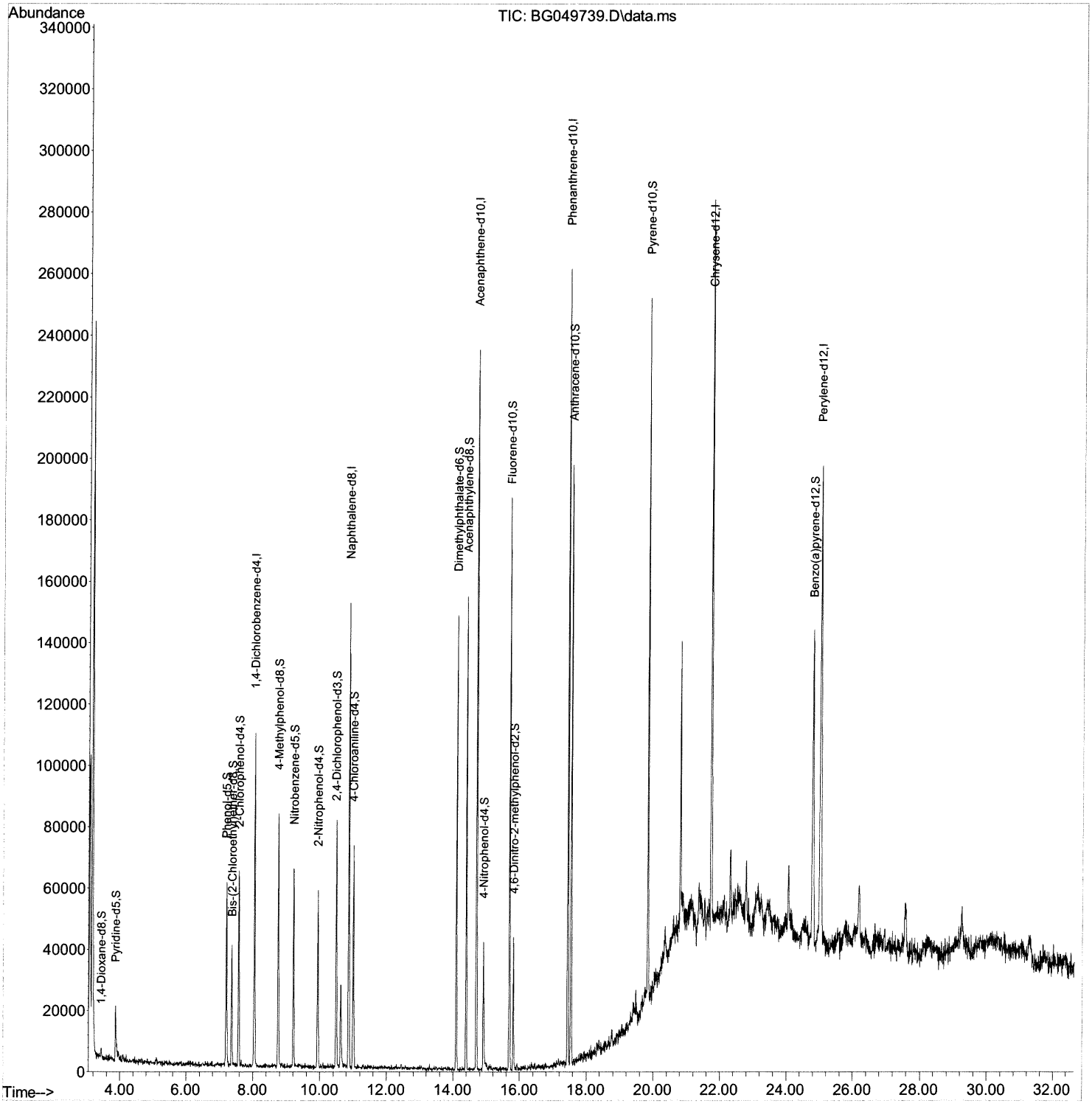
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049739.D
Acq On : 9 Aug 2021 14:08
Operator : CG/JU
Sample : M3181-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 09 14:46:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 11:39:37 2021
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BGEZ2

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:33:16 PM



Quantitation Report (Qedit)

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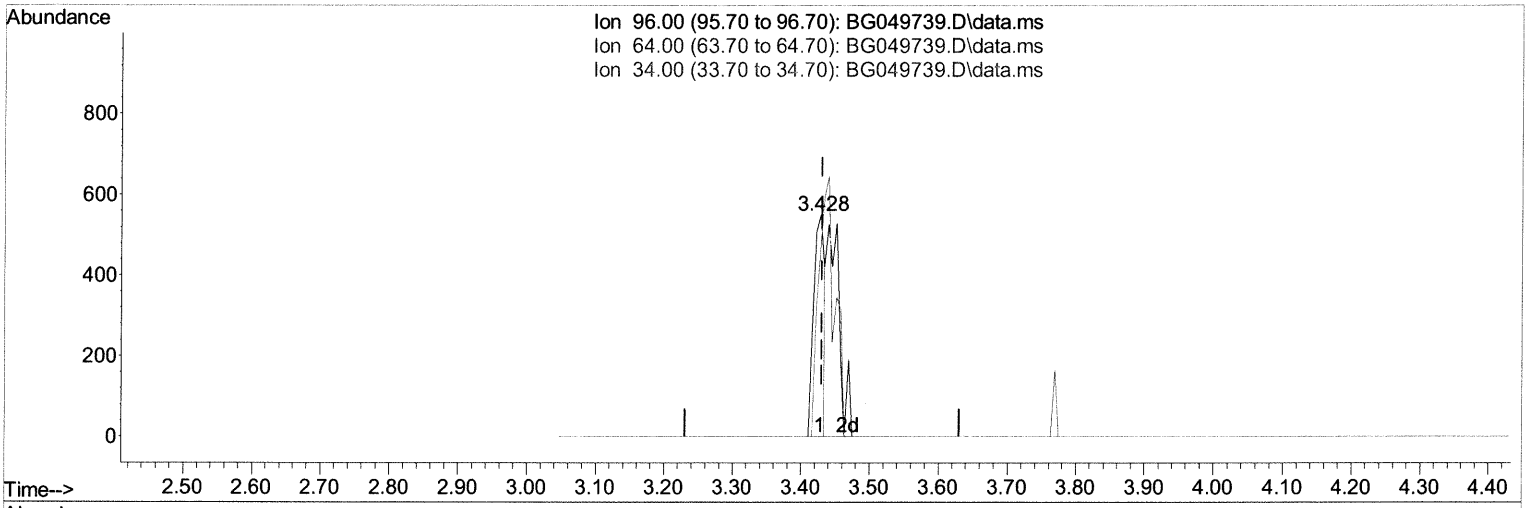


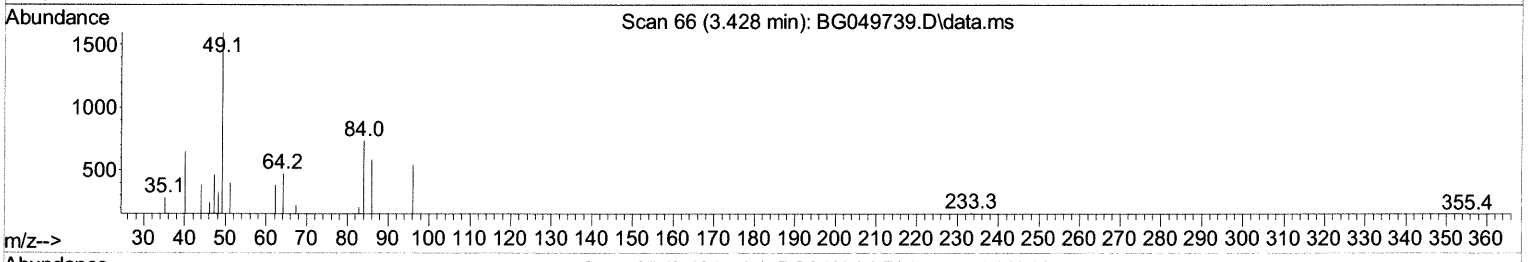


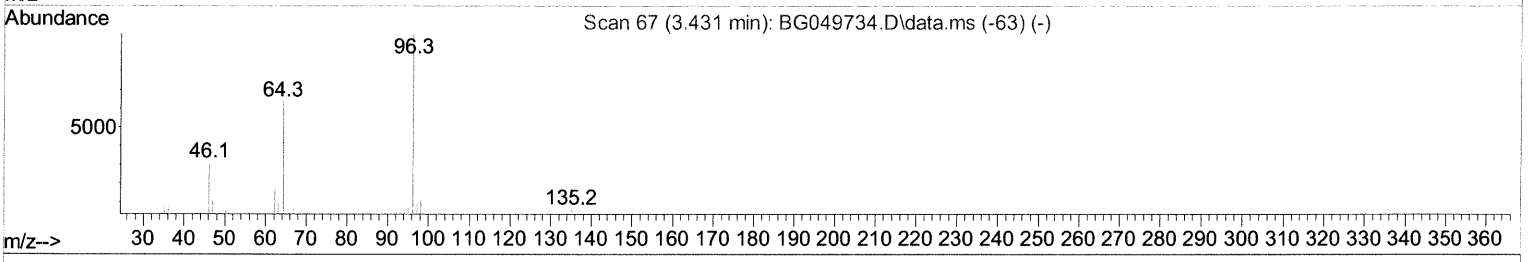


TIC: BG049739.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.428min (-0.003) 0.96 ng/uL**

**response 609**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 74.10 | 86.34 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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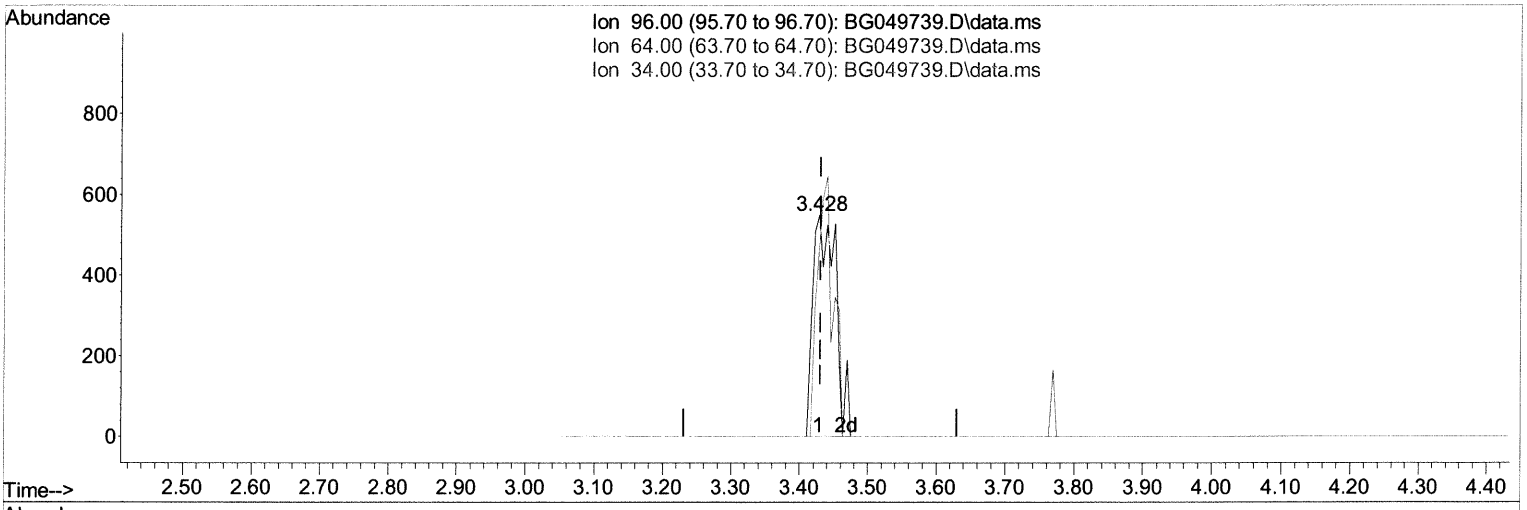
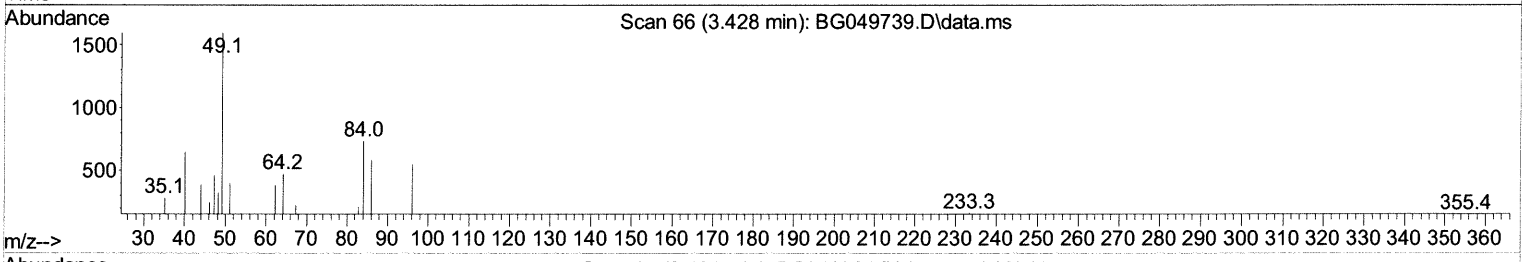
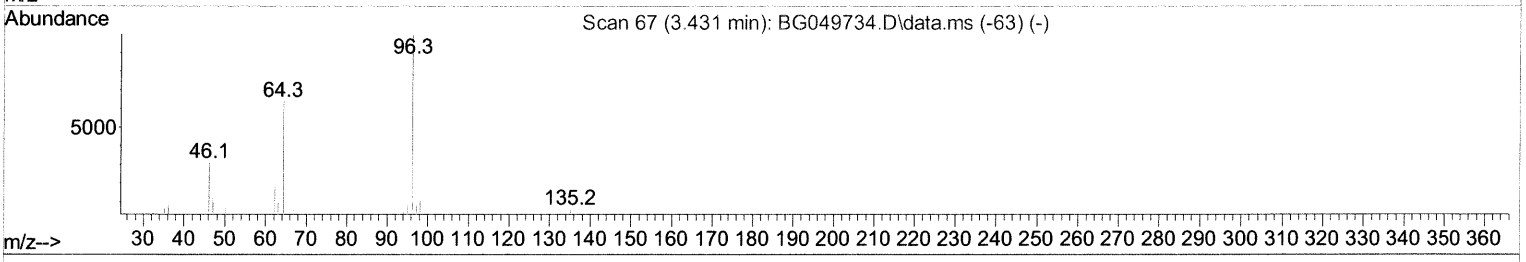
**Manual Integrations APPROVED**
mohammad
8/10/2021 4:33:16 PM




TIC: BG049739.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.428min (-0.003) 1.89 ng/uL m** 08/12/21 JU

**response 1197**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 74.10 | 86.34 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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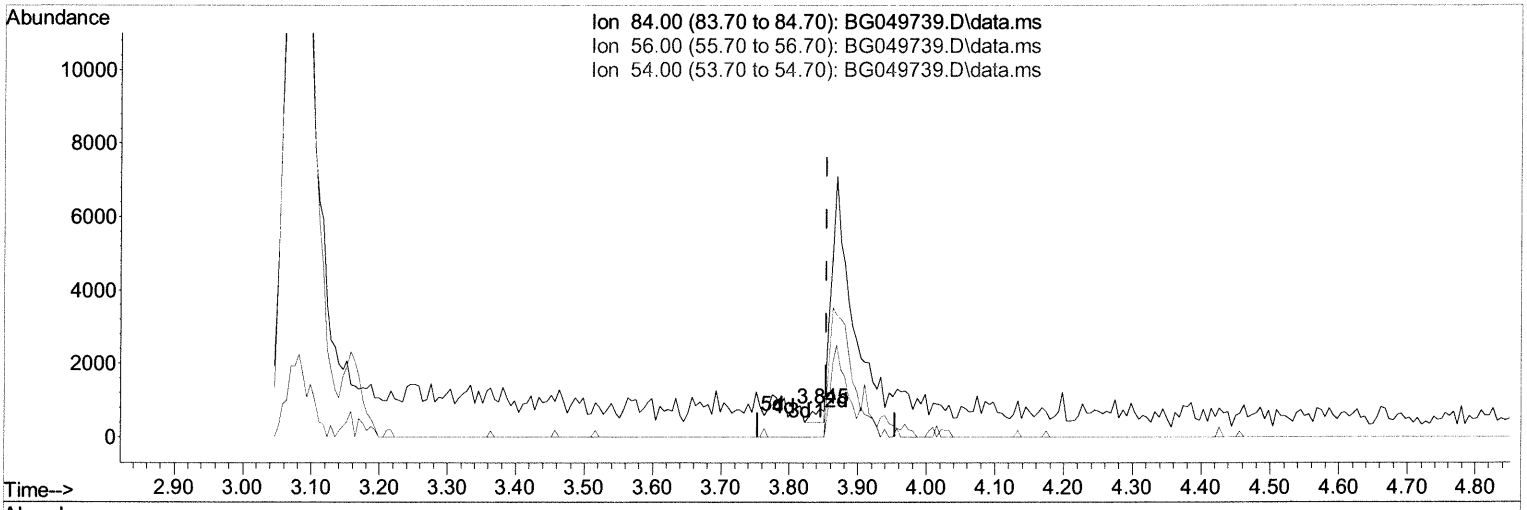
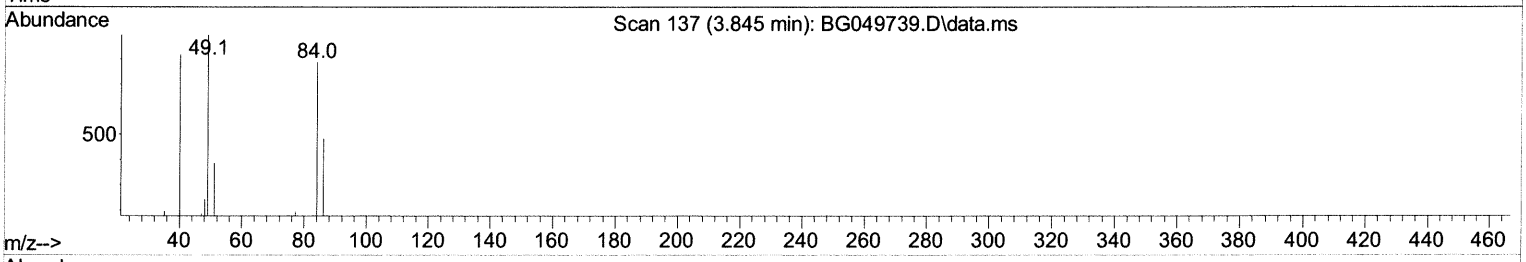
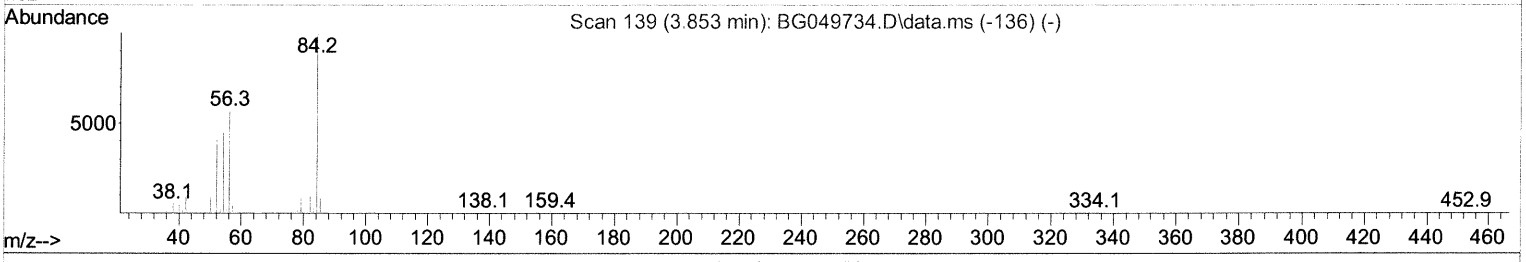
**Manual Integrations APPROVED**
mohammad
8/10/2021 4:33:16 PM




TIC: BG049739.D\data.ms

**(4) Pyridine-d5 (S)**

**3.845min (-0.008) 0.24 ng/ul**

**response 452**

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 58.90 | 0.00# |
| 54.00 | 36.30 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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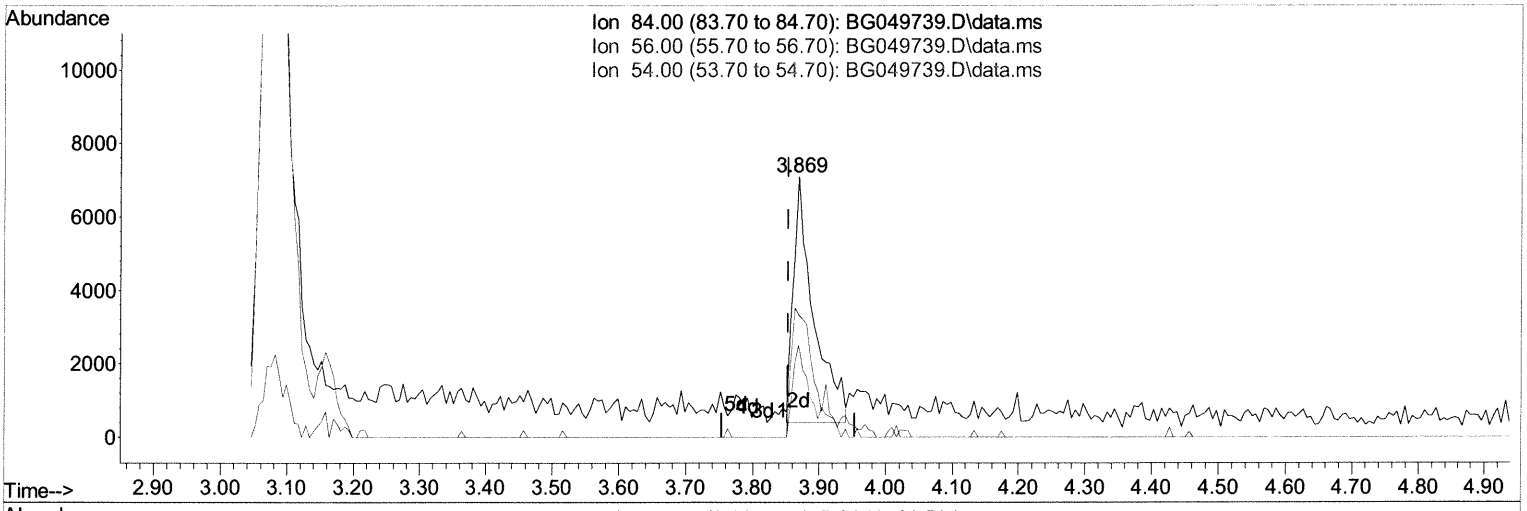
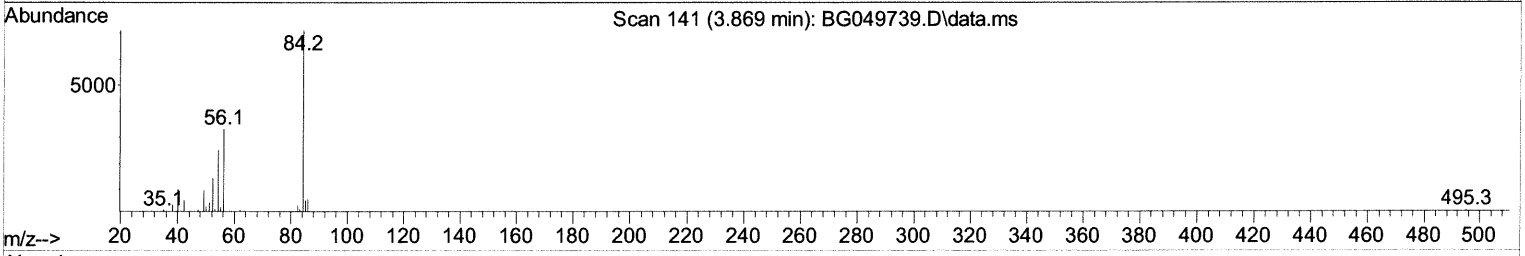
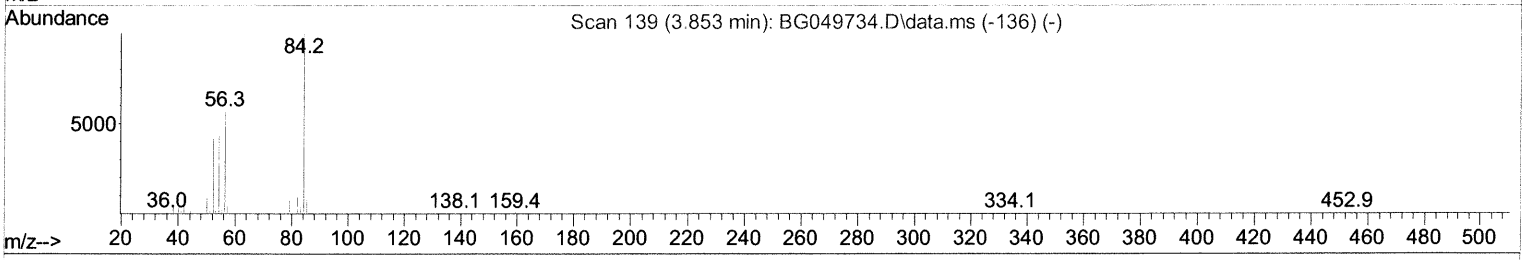
**Instrument :**
BNA_G
**ClientSampleId :**
BGEZ2

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:33:16 PM




TIC: BG049739.D\data.ms

**(4) Pyridine-d5 (S)**

**3.869min (+ 0.015) 7.44 ng/ul m** 08/12/21 JU

**response 14124**

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 58.90 | 46.91# |
| 54.00 | 36.30 | 35.23 |
| 0.00 | 0.00 | 0.00 |

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Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** BGEZ2

**Manual Integrations APPROVED**
mohammad
8/10/2021 4:33:16 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.045 | 152 | 29577 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.865 | 136 | 123066 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.695 | 164 | 81572 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.450 | 188 | 162475 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.733 | 240 | 142336 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.016 | 264 | 145587 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.428 | 96 | 1197m | 1.892 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.869 | 84 | 14124m | 7.440 | ng/ul | 0.02 |
| 7) Phenol-d5 | 7.205 | 99 | 33038 | 12.308 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.370 | 67 | 19274 | 12.500 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.575 | 132 | 26295 | 13.687 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.756 | 113 | 27782 | 13.574 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.214 | 128 | 14136 | 14.582 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.943 | 143 | 15732 | 14.210 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.483 | 165 | 27400 | 13.126 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.000 | 131 | 35013 | 12.252 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.096 | 166 | 94453 | 14.755 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.390 | 160 | 109702 | 14.404 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.907 | 143 | 10940 | 10.570 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.694 | 176 | 76472 | 13.898 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.811 | 200 | 9432 | 8.625 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.550 | 188 | 116502 | 15.190 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.835 | 212 | 123306 | 15.723 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.787 | 264 | 109521 | 13.729 | ng/ul | 0.00 |

Target Compounds Qvalue

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