

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
 Data File : BP019053.D  
 Acq On : 22 Dec 2023 22:50  
 Operator : MA/JU  
 Sample : 05835-19  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AR9

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023  
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 23:24:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 21 04:46:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 132672   | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.616 | 136  | 511050   | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.451 | 164  | 339100   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 816920m  | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 875151   | 20.000 | ng/u1 | 0.00     |
| 88) Perylene-d12              | 23.651 | 264  | 1024706  | 20.000 | ng/u1 | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 21689    | 5.571  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.670  | 84   | 274358   | 26.309 | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 6.993  | 99   | 360745   | 27.095 | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.158  | 67   | 212207   | 26.892 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.352  | 132  | 286568   | 27.584 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.534  | 113  | 280696   | 26.051 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.981  | 128  | 133589   | 29.370 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.699  | 143  | 152610   | 32.362 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.240 | 165  | 292139   | 30.296 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.757 | 131  | 370269   | 29.382 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.869 | 166  | 908585   | 30.021 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.146 | 160  | 1024007  | 30.727 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.669 | 143  | 152705   | 30.738 | ng/u1 | 0.00     |
| 60) Fluorene-d10              | 15.445 | 176  | 816346   | 32.134 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 200  | 134932m  | 27.547 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.298 | 188  | 1336874  | 31.128 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.539 | 212  | 1686502  | 24.757 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.498 | 264  | 1828381  | 30.602 | ng/u1 | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       |          |
| 8) Phenol                     | 7.022  | 94   | 32298    | 2.474  | ng/u1 | 96       |
| 18) 4-Methylphenol            | 8.593  | 108  | 31908    | 2.923  | ng/u1 | 88       |
| 39) 1,2,4,5-Tetrachloroben... | 12.640 | 216  | 172612m  | 14.030 | ng/u1 |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.251 | 216  | 550540   | 38.975 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.769 | 250  | 80852    | 5.827  | ng/uL | 98       |
| -----                         |        |      |          |        |       |          |

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

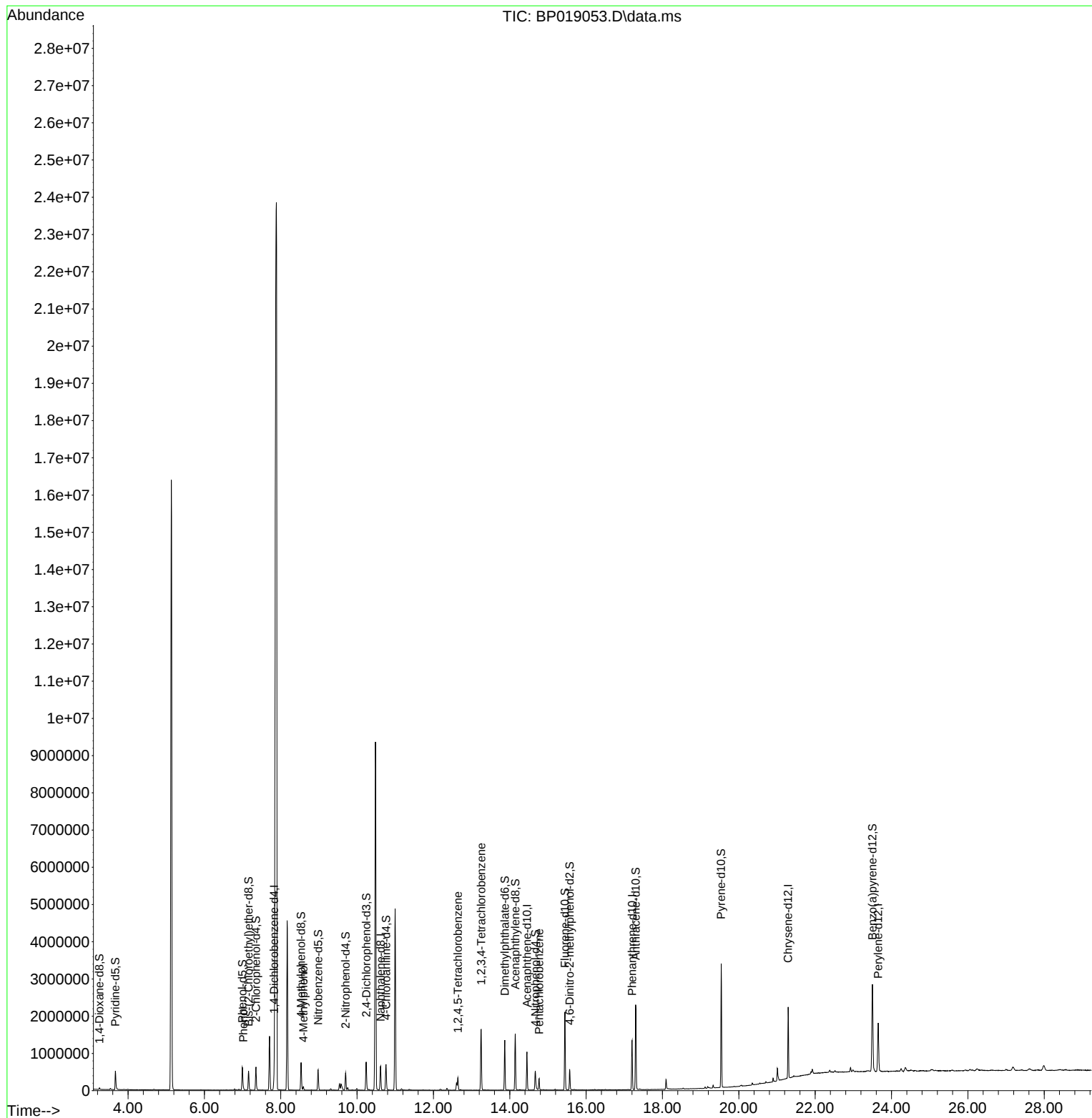
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019053.D  
Acq On : 22 Dec 2023 22:50  
Operator : MA/JU  
Sample : 05835-19  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

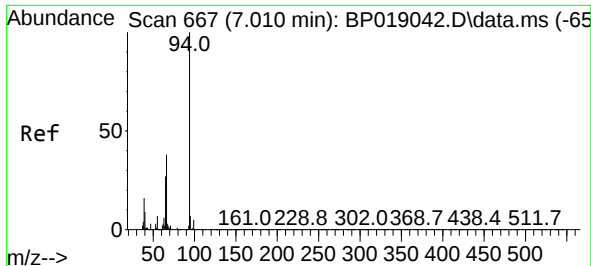
Instrument :  
BNA\_P  
ClientSampleId :  
C0AR9

Quant Time: Dec 22 23:24:36 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 21 04:46:12 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

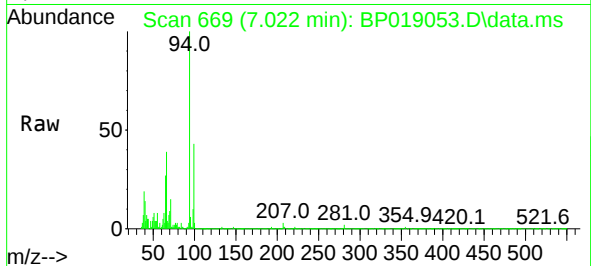
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023





#8  
Phenol  
Concen: 2.474 ng/ul  
RT: 7.022 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP019053.D  
Acq: 22 Dec 2023 22:50

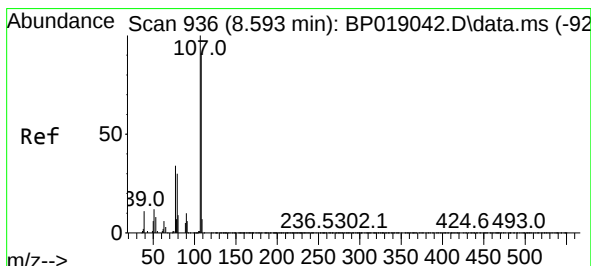
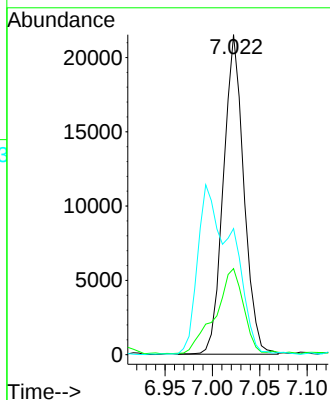
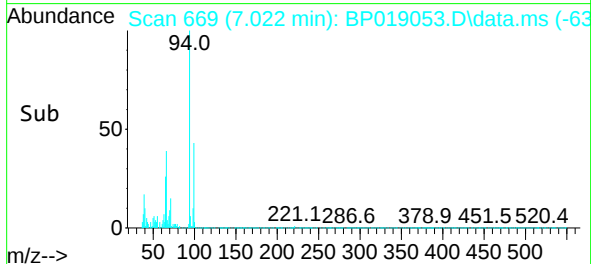
Instrument :  
BNA\_P  
ClientSampleId :  
C0AR9



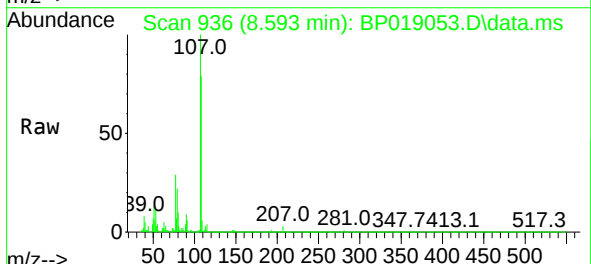
Tgt Ion: 94 Resp: 32298  
Ion Ratio Lower Upper  
94 100  
65 26.9 21.0 31.6  
66 39.4 28.6 43.0

Manual Integrations  
APPROVED

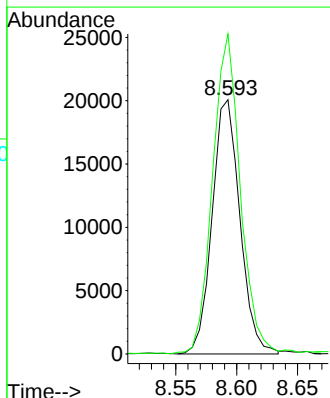
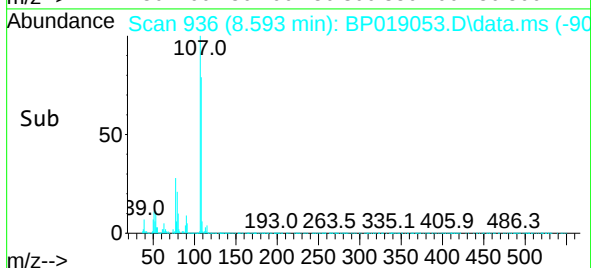
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

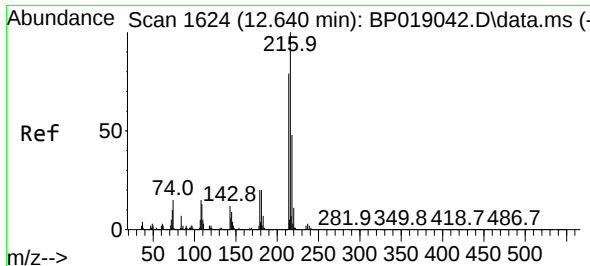


#18  
4-Methylphenol  
Concen: 2.923 ng/ul  
RT: 8.593 min Scan# 936  
Delta R.T. -0.012 min  
Lab File: BP019053.D  
Acq: 22 Dec 2023 22:50



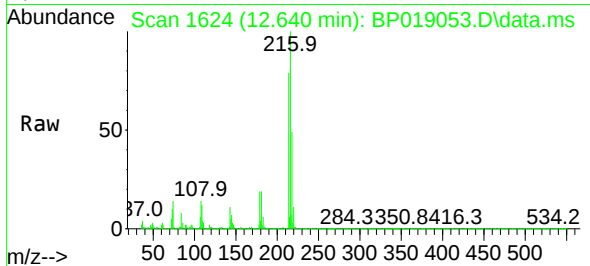
Tgt Ion:108 Resp: 31908  
Ion Ratio Lower Upper  
108 100  
107 125.9 90.6 136.0





#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 14.030 ng/ul m  
RT: 12.640 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP019053.D  
Acq: 22 Dec 2023 22:50

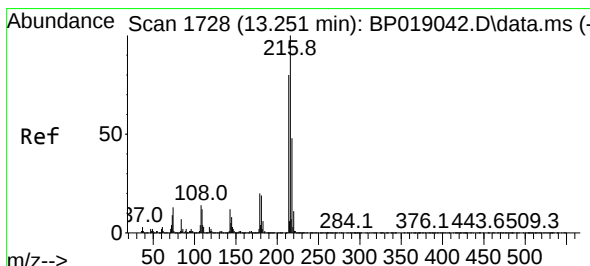
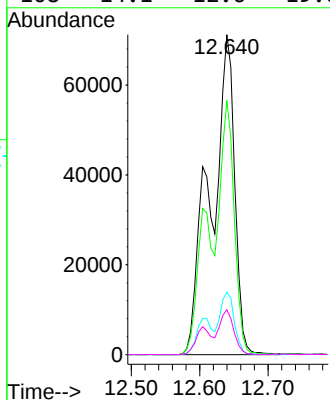
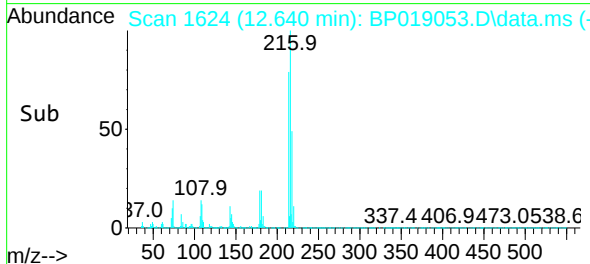
Instrument :  
BNA\_P  
ClientSampleId :  
C0AR9



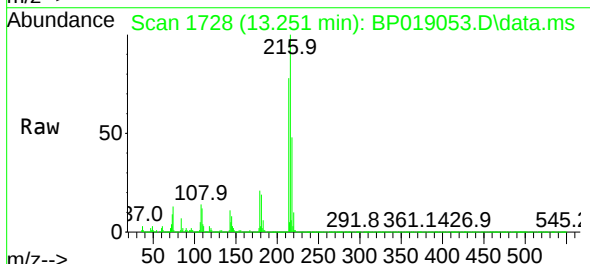
Tgt Ion:216 Resp: 17261  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.9 95.9  
179 19.5 16.3 24.5  
108 14.1 12.6 19.0

Manual Integrations  
APPROVED

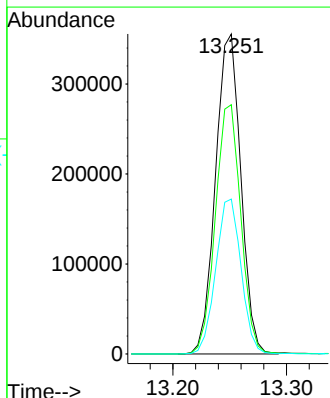
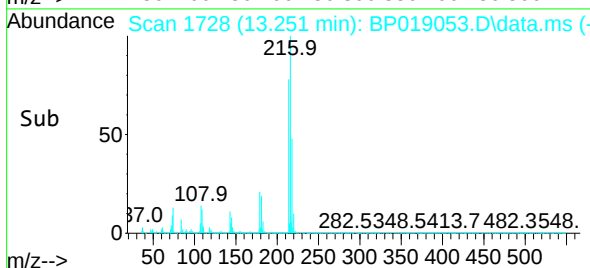
Reviewed By :Yogesh Patel 12/25/2023  
Supervised By :mohammad ahmed 12/25/2023

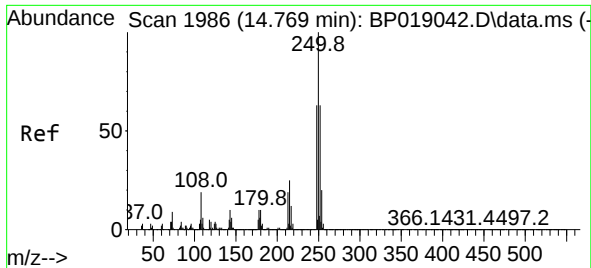


#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 38.975 ng/uL  
RT: 13.251 min Scan# 1728  
Delta R.T. -0.006 min  
Lab File: BP019053.D  
Acq: 22 Dec 2023 22:50



Tgt Ion:216 Resp: 550540  
Ion Ratio Lower Upper  
216 100  
214 77.9 61.4 92.2  
218 48.4 39.2 58.8





#76

Pentachlorobenzene

Concen: 5.827 ng/uL

RT: 14.769 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BP019053.D

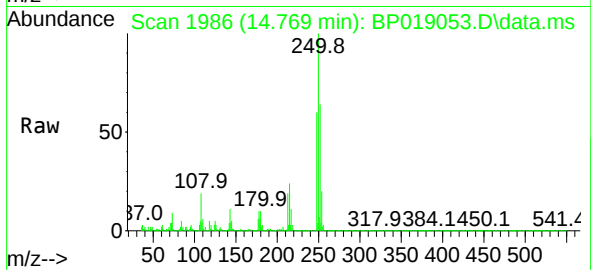
Acq: 22 Dec 2023 22:50

Instrument :

BNA\_P

ClientSampleId :

C0AR9



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 250   | Resp: | 8085 |
| Ion Ratio | Lower | Upper |      |
| 250       | 100   |       |      |
| 248       | 60.0  | 50.6  | 75.8 |
| 252       | 63.9  | 51.3  | 76.9 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023

