

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
 Data File : BP018835.D  
 Acq On : 14 Dec 2023 09:54  
 Operator : MA/JU  
 Sample : 05646-13  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AS0

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023  
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 21:59:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 13 23:34:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 236126   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.628 | 136  | 852192   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.463 | 164  | 499360   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 1154626  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.298 | 240  | 1314127  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.656 | 264  | 1575284  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.263  | 96   | 29097    | 4.199  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 331667   | 17.870 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.004  | 99   | 447976   | 18.905 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 266003   | 18.940 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.363  | 132  | 355968   | 19.252 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.545  | 113  | 341415   | 17.803 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 157361   | 20.747 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.716  | 143  | 167947   | 21.357 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.251 | 165  | 339948   | 21.142 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.769 | 131  | 436804   | 20.786 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.881 | 166  | 984441   | 22.088 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.157 | 160  | 1142432  | 23.279 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.669 | 143  | 149823   | 20.480 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.457 | 176  | 906816   | 24.240 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 200  | 106941   | 15.447 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.304 | 188  | 1467081  | 24.169 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.545 | 212  | 1934967  | 18.916 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.504 | 264  | 2197115  | 23.921 | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.028  | 94   | 38385    | 1.652  | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.393  | 128  | 33009    | 1.764  | ng/u1  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.657 | 216  | 192306m  | 10.614 | ng/u1  |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.263 | 216  | 656081   | 32.862 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.775 | 250  | 72792    | 3.712  | ng/uL  | 98       |
| -----                         |        |      |          |        |        |          |

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

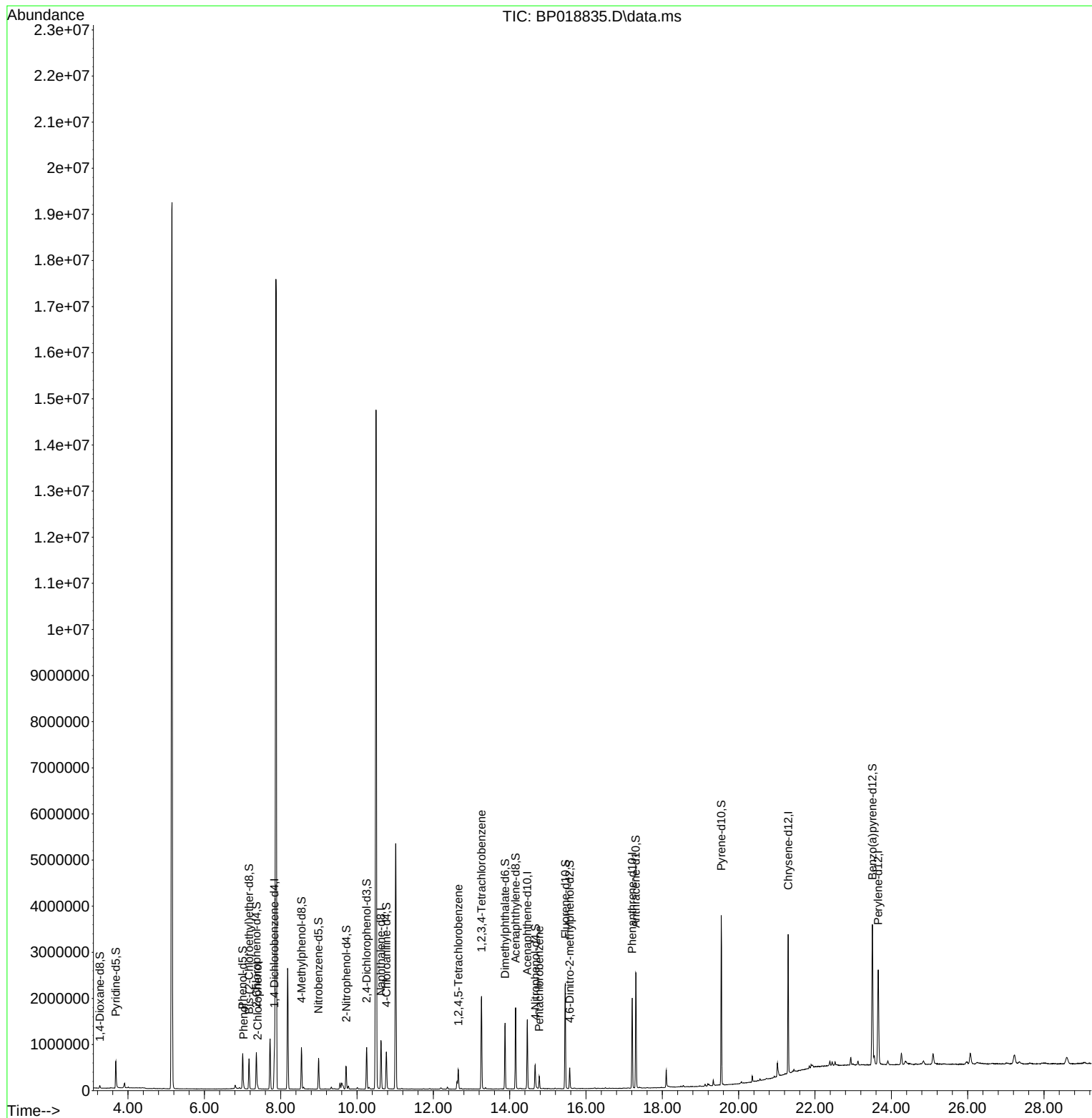
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
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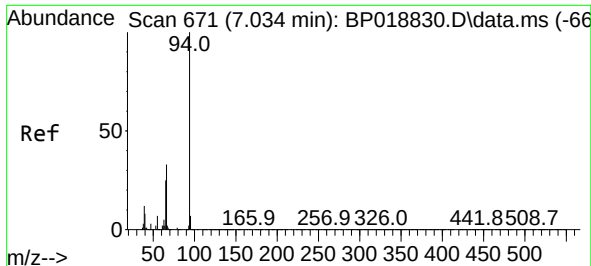
Instrument :  
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Quant Title : SVOA CALIBRATION  
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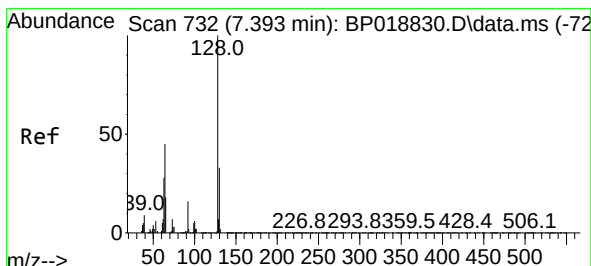
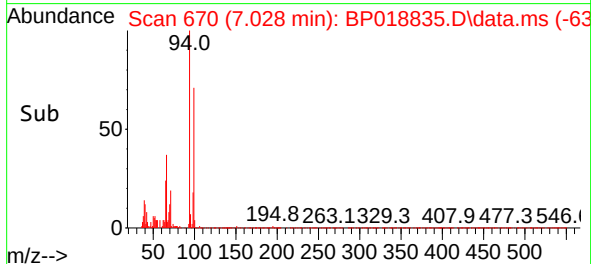
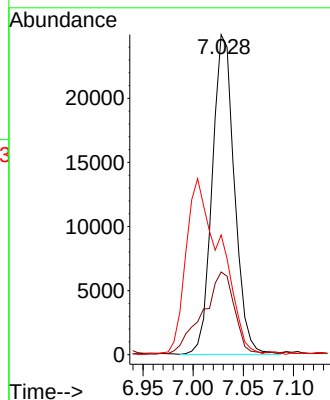
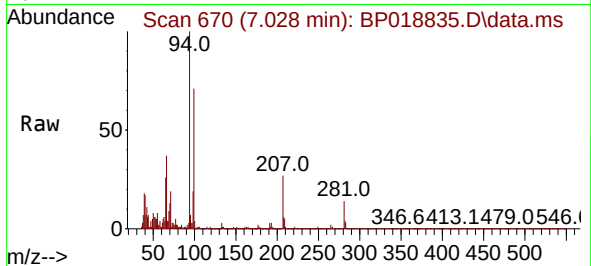
#8  
Phenol  
Concen: 1.652 ng/ul  
RT: 7.028 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: BP018835.D  
Acq: 14 Dec 2023 09:54

Instrument :  
BNA\_P  
ClientSampleId :  
C0AS0

Tgt Ion: 94 Resp: 3838  
Ion Ratio Lower Upper  
94 100  
65 25.8 21.0 31.6  
66 37.4 28.6 43.0

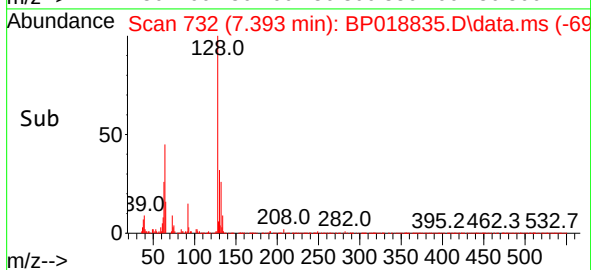
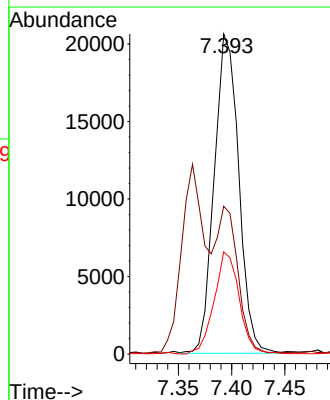
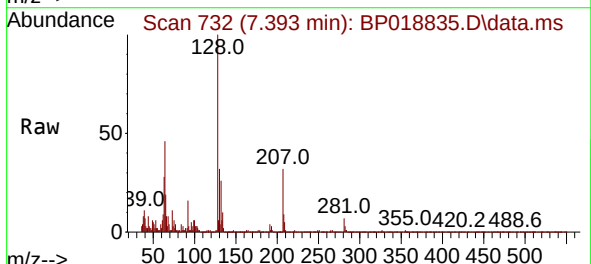
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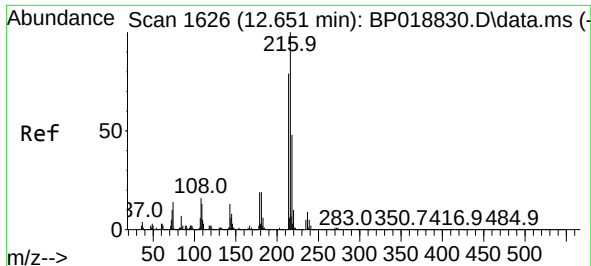
Reviewed By :Yogesh Patel 12/15/2023  
Supervised By :mohammad ahmed 12/16/2023



#12  
2-Chlorophenol  
Concen: 1.764 ng/ul  
RT: 7.393 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: BP018835.D  
Acq: 14 Dec 2023 09:54

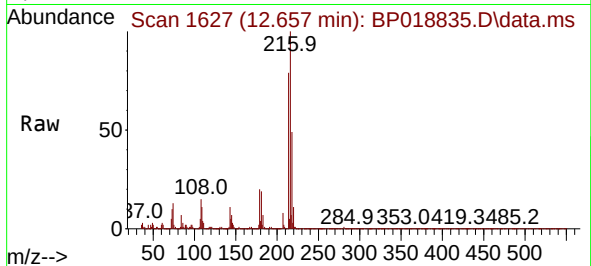
Tgt Ion:128 Resp: 33009  
Ion Ratio Lower Upper  
128 100  
64 46.2 37.0 55.4  
130 31.9 26.8 40.2





#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.614 ng/ul m  
RT: 12.657 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP018835.D  
Acq: 14 Dec 2023 09:54

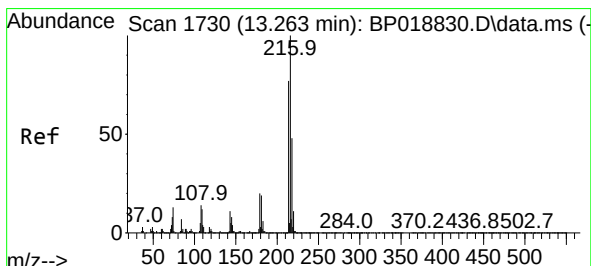
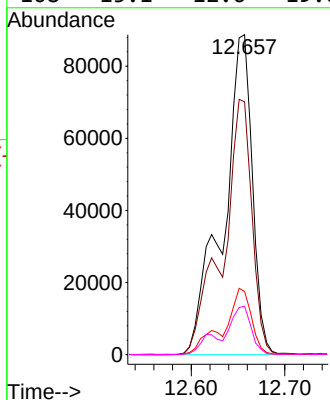
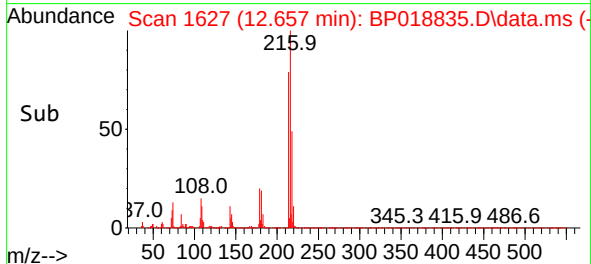
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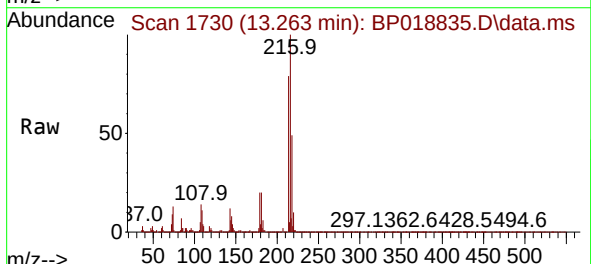
Tgt Ion:216 Resp: 192300  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.9 95.9  
179 19.8 16.3 24.5  
108 15.1 12.6 19.0

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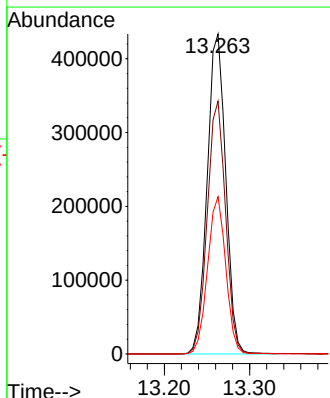
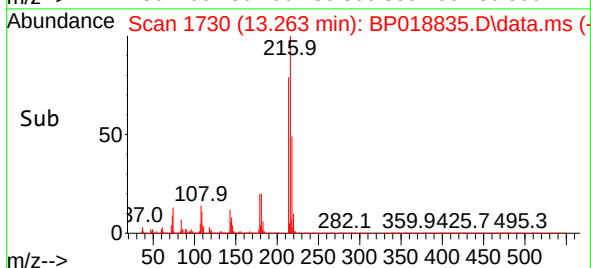
Reviewed By :Yogesh Patel 12/15/2023  
Supervised By :mohammad ahmed 12/16/2023

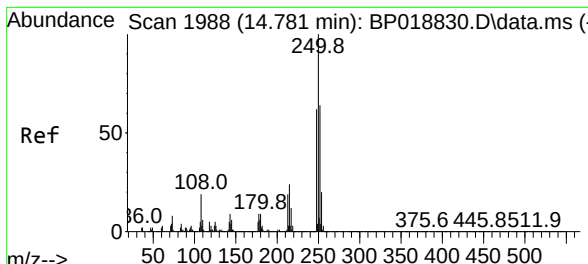


#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 32.862 ng/uL  
RT: 13.263 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BP018835.D  
Acq: 14 Dec 2023 09:54



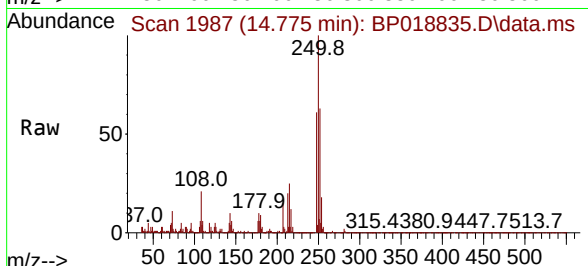
Tgt Ion:216 Resp: 656081  
Ion Ratio Lower Upper  
216 100  
214 79.0 61.4 92.2  
218 49.1 39.2 58.8





#76  
 Pentachlorobenzene  
 Concen: 3.712 ng/uL  
 RT: 14.775 min Scan# 1987  
 Delta R.T. -0.006 min  
 Lab File: BP018835.D  
 Acq: 14 Dec 2023 09:54

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AS0



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 72792 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 61.4  | 50.6  | 75.8  |
| 252       | 62.5  | 51.3  | 76.9  |

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