

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101122\  
 Data File : BP012082.D  
 Acq On : 12 Oct 2022 15:44  
 Operator : CG/JU  
 Sample : N5024-05  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0BF4

Manual Integrations  
 APPROVED

Reviewed By :Jagrut  
 Upadhyay

Quant Time: Oct 12 23:08:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 12 23:03:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.857  | 152  | 207231   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.663 | 136  | 806585   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.504 | 164  | 420301   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 811433   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.351 | 240  | 1153189  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.774 | 264  | 1348024  | 20.000 | ng/u1  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.275  | 96   | 22626    | 4.305  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.746  | 84   | 7891m    | 0.565  | ng/u1  | 0.05     |
| 7) Phenol-d5                  | 7.022  | 99   | 312540   | 18.752 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.187  | 67   | 226998   | 23.995 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.387  | 132  | 312858   | 23.648 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.569  | 113  | 175515   | 13.710 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.022  | 128  | 147610   | 25.912 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.746  | 143  | 155797   | 26.972 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.281 | 165  | 255516   | 22.825 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.810 | 131  | 219820   | 13.325 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.916 | 166  | 670206   | 25.178 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.198 | 160  | 817005   | 24.821 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.716 | 143  | 54735    | 10.474 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.498 | 176  | 613501   | 25.474 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.622 | 200  | 52207    | 12.185 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.363 | 188  | 866314   | 24.586 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 1428733  | 24.184 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.615 | 264  | 1679991  | 25.637 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.304 | 178  | 68819    | 1.560  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.275 | 202  | 153590m  | 2.122  | ng/u1  |          |
| 82) Pyrene                    | 19.627 | 202  | 136238   | 1.778  | ng/u1  | 97       |
| 87) Chrysene                  | 21.386 | 228  | 72151    | 1.033  | ng/u1  | 96       |
| 90) Benzo(b)fluoranthene      | 23.033 | 252  | 110524   | 1.295  | ng/u1# | 92       |
| -----                         |        |      |          |        |        |          |

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

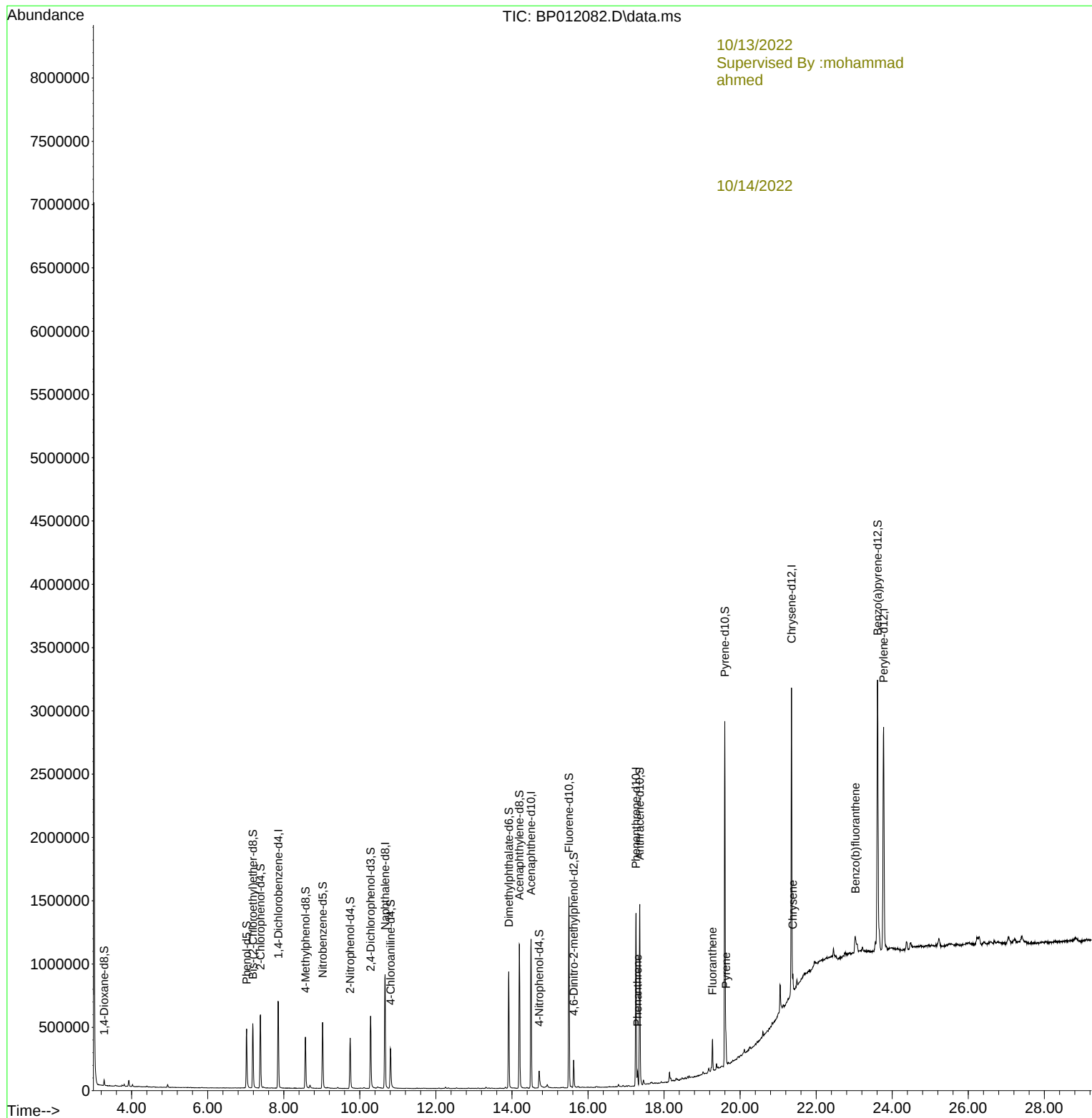
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101122\  
Data File : BP012082.D  
Acq On : 12 Oct 2022 15:44  
Operator : CG/JU  
Sample : N5024-05  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

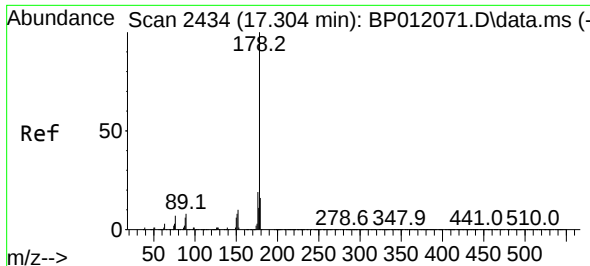
Instrument :  
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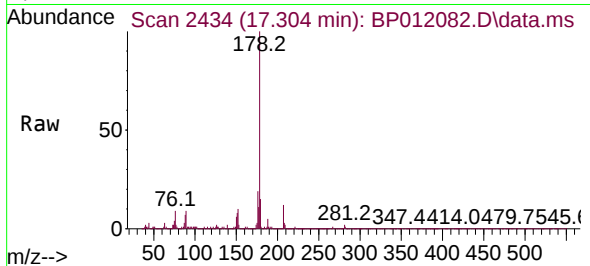
Quant Time: Oct 12 23:08:07 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 12 23:03:21 2022  
Response via : Initial Calibration





#72  
Phenanthrene  
Concen: 1.560 ng/ul  
RT: 17.304 min Scan# 2434  
Delta R.T. -0.000 min  
Lab File: BP012082.D  
Acq: 12 Oct 2022 15:44

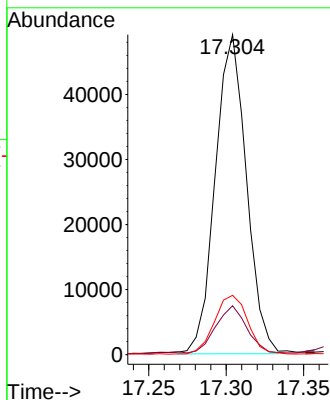
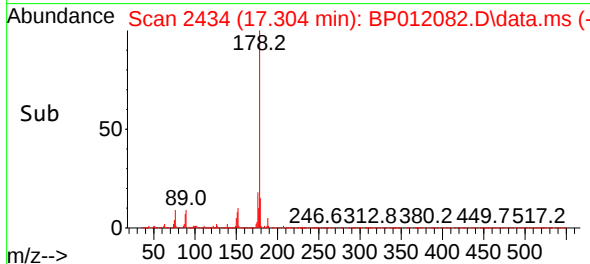
Instrument :  
BNA\_P  
ClientSampleId :  
C0BF4



Tgt Ion:178 Resp: 68819  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.2 18.4  
176 18.5 15.8 23.6

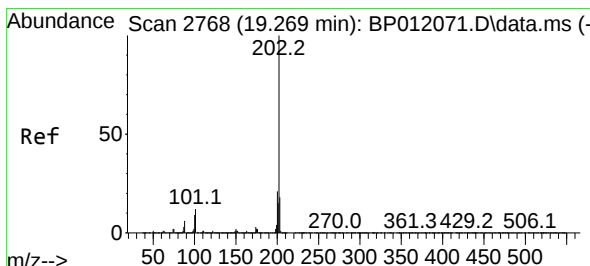
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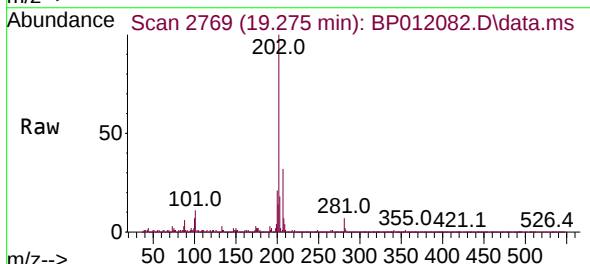


10/13/2022  
Supervised By :mohammad  
ahmed

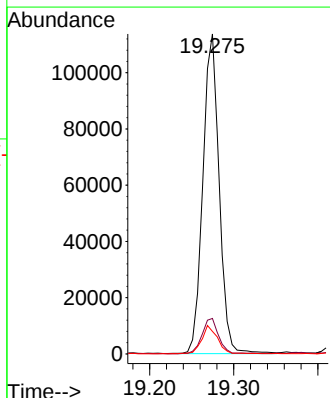
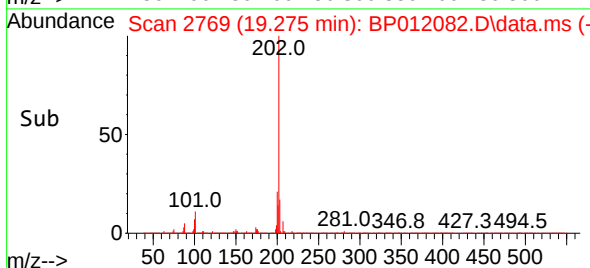
10/14/2022

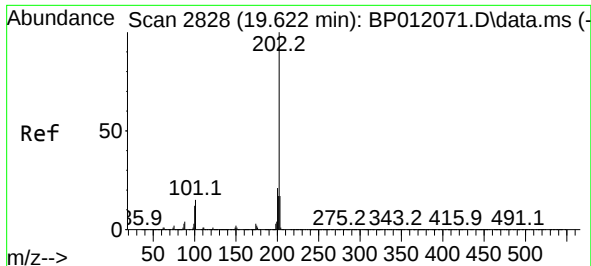


#80  
Fluoranthene  
Concen: 2.122 ng/ul m  
RT: 19.275 min Scan# 2769  
Delta R.T. 0.006 min  
Lab File: BP012082.D  
Acq: 12 Oct 2022 15:44



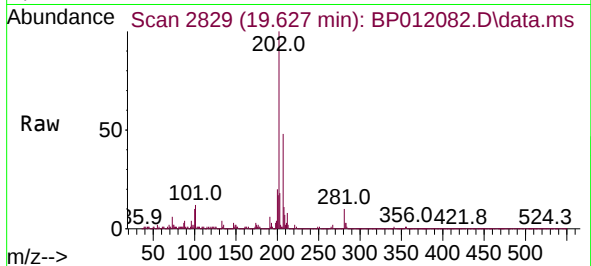
Tgt Ion:202 Resp: 153590  
Ion Ratio Lower Upper  
202 100  
101 11.1 9.0 13.6  
100 7.0 7.0 10.6#





#82  
Pyrene  
Concen: 1.778 ng/ul  
RT: 19.627 min Scan# 2828  
Delta R.T. 0.006 min  
Lab File: BP012082.D  
Acq: 12 Oct 2022 15:44

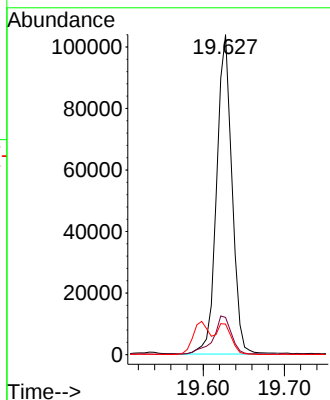
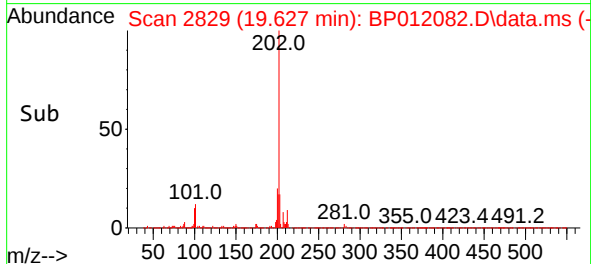
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Tgt Ion:202 Resp: 136238  
Ion Ratio Lower Upper  
202 100  
101 11.6 10.4 15.6  
100 9.5 8.5 12.7

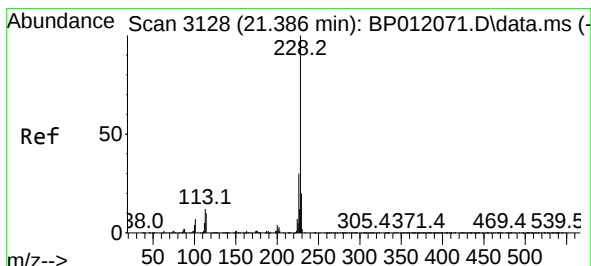
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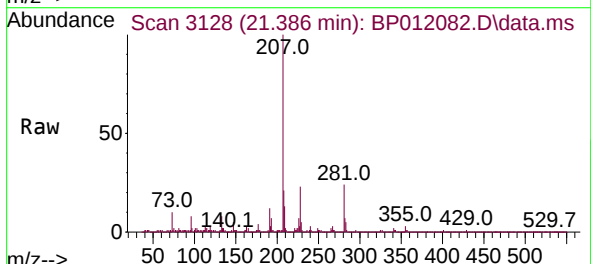


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Supervised By :mohammad  
ahmed

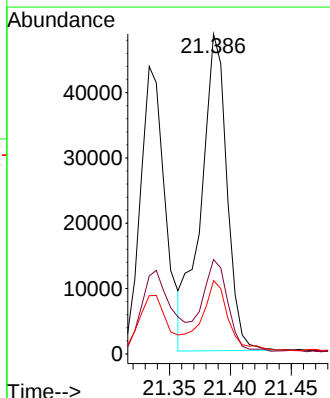
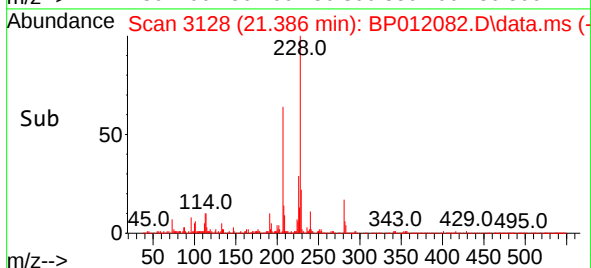
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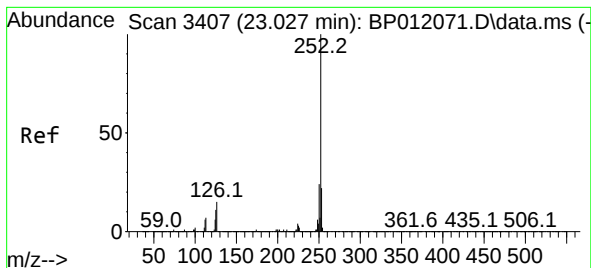


#87  
Chrysene  
Concen: 1.033 ng/ul  
RT: 21.386 min Scan# 3128  
Delta R.T. -0.000 min  
Lab File: BP012082.D  
Acq: 12 Oct 2022 15:44



Tgt Ion:228 Resp: 72151  
Ion Ratio Lower Upper  
228 100  
226 29.5 24.0 36.0  
229 22.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 1.295 ng/ul

RT: 23.033 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP012082.D

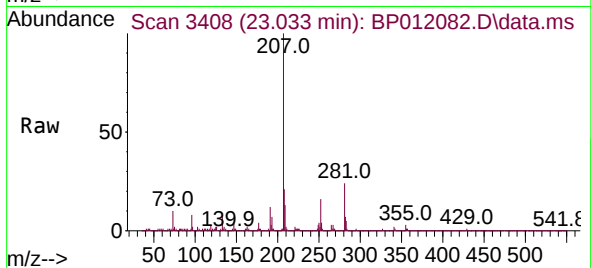
Acq: 12 Oct 2022 15:44

Instrument :

BNA\_P

ClientSampleId :

C0BF4



Tgt Ion:252 Resp: 110524

Ion Ratio Lower Upper

252 100

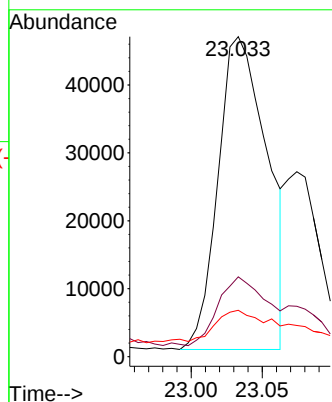
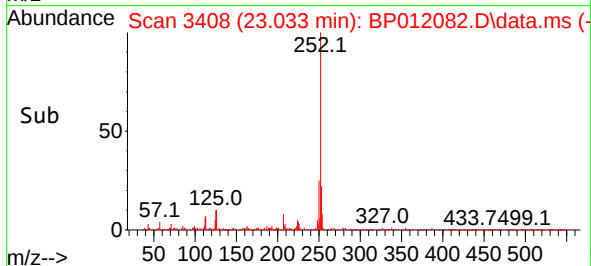
253 24.9 17.6 26.4

125 14.5 7.8 11.8

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