

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022724\  
 Data File : BP019896.D  
 Acq On : 27 Feb 2024 14:53  
 Operator : MA/JU  
 Sample : P1585-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

VNJ-232MSD

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 15:34:14 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 27 02:05:05 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.899  | 152  | 110649   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.698 | 136  | 467510   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.539 | 164  | 293867   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.304 | 188  | 532091   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.404 | 240  | 368289   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.821 | 264  | 454038   | 20.000 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 621459   | 92.187 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 837477   | 83.441 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 738209   | 63.747 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.039 | 330  | 428552   | 85.050 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 1560637  | 71.753 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.869 | 244  | 1661928  | 71.125 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.375  | 88   | 77578    | 33.272 | ng    | 97       |
| 3) Pyridine                   | 3.775  | 79   | 201036   | 28.190 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.699  | 42   | 108697   | 36.987 | ng    | 99       |
| 6) Aniline                    | 7.234  | 93   | 255675   | 20.766 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.457  | 128  | 271317   | 37.323 | ng    | 99       |
| 9) Benzaldehyde               | 7.046  | 77   | 35630    | 6.219  | ng    | 95       |
| 10) Phenol                    | 7.099  | 94   | 353204   | 35.292 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.334  | 93   | 258185   | 32.755 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.781  | 146  | 338111   | 42.840 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.934  | 146  | 348279   | 43.578 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.246  | 146  | 325018   | 40.539 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.152  | 79   | 314703m  | 35.542 | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.422  | 45   | 346058m  | 41.119 | ng    |          |
| 17) 2-Methylphenol            | 8.352  | 107  | 279014   | 37.277 | ng    | 99       |
| 18) Hexachloroethane          | 8.963  | 117  | 149743   | 48.351 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 288905   | 38.103 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.681  | 107  | 401908   | 37.370 | ng    | 97       |
| 22) Acetophenone              | 8.734  | 105  | 550705   | 37.928 | ng    | 99       |
| 24) Nitrobenzene              | 9.116  | 77   | 435714   | 38.865 | ng    | 99       |
| 25) Isophorone                | 9.640  | 82   | 762984   | 37.854 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.822  | 139  | 188929   | 42.116 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.881  | 122  | 253661   | 34.253 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93   | 448260   | 39.851 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.351 | 162  | 344378   | 41.691 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.563 | 180  | 392772   | 43.282 | ng    | 98       |
| 31) Naphthalene               | 10.751 | 128  | 1025932  | 40.986 | ng    | 99       |
| 32) Benzoic acid              | 10.051 | 122  | 234946   | 37.446 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.881 | 127  | 121194   | 10.657 | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.016 | 225  | 284436   | 43.101 | ng    | 99       |
| 35) Caprolactam               | 11.687 | 113  | 92984    | 30.525 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.004 | 107  | 365181   | 35.838 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.363 | 142  | 711055   | 36.593 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.581 | 142  | 673517   | 36.631 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.728 | 216  | 478760   | 47.694 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.693 | 237  | 509216   | 97.969 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.975 | 196  | 293099   | 44.222 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022724\  
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 Sample : P1585-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-232MSD

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 15:34:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 02:05:05 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.051 | 196  | 309524   | 39.204 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.375 | 154  | 951903   | 45.240 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.422 | 162  | 749182   | 45.873 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.634 | 65   | 228308   | 38.679 | ng    | 99       |
| 49) Acenaphthylene            | 14.263 | 152  | 1160729  | 43.868 | ng    | 99       |
| 50) Dimethylphthalate         | 14.016 | 163  | 894091   | 37.270 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 194451   | 37.662 | ng    | 96       |
| 52) Acenaphthene              | 14.604 | 154  | 673519   | 42.394 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 119735   | 23.428 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 244750   | 72.722 | ng    | 98       |
| 55) Dibenzofuran              | 14.945 | 168  | 1110497  | 40.957 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.781 | 139  | 274635   | 68.694 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.928 | 165  | 257562   | 35.052 | ng    | 97       |
| 58) Fluorene                  | 15.598 | 166  | 877820   | 39.919 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.169 | 232  | 266712   | 36.820 | ng    | 100      |
| 60) Diethylphthalate          | 15.381 | 149  | 846731   | 35.727 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 480157   | 38.180 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.634 | 138  | 164419m  | 30.887 | ng    |          |
| 63) Azobenzene                | 15.886 | 77   | 864374   | 39.177 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 152819   | 42.314 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.810 | 169  | 702697   | 46.024 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.492 | 248  | 300124   | 45.617 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.592 | 284  | 328693   | 46.325 | ng    | 98       |
| 69) Atrazine                  | 16.781 | 200  | 249530   | 39.060 | ng    | 99       |
| 70) Pentachlorophenol         | 16.945 | 266  | 386833   | 73.759 | ng    | 98       |
| 71) Phenanthrene              | 17.345 | 178  | 1387479  | 48.853 | ng    | 100      |
| 72) Anthracene                | 17.439 | 178  | 1192044  | 41.115 | ng    | 99       |
| 73) Carbazole                 | 17.716 | 167  | 968858   | 37.731 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.269 | 149  | 1197501  | 37.288 | ng    | 100      |
| 75) Fluoranthene              | 19.316 | 202  | 1397475  | 37.914 | ng    | 100      |
| 77) Benzidine                 | 19.510 | 184  | 455687   | 43.074 | ng    | 99       |
| 78) Pyrene                    | 19.669 | 202  | 1313034  | 51.891 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.557 | 149  | 443101   | 43.791 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.386 | 228  | 1121309  | 42.892 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.321 | 252  | 340108   | 33.921 | ng    | 96       |
| 83) Chrysene                  | 21.439 | 228  | 1020460  | 41.658 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 608696   | 41.906 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.263 | 149  | 998279   | 41.297 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.368 | 276  | 1611545  | 50.417 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.086 | 252  | 1149520  | 41.295 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.133 | 252  | 1074851  | 39.372 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.721 | 252  | 1068432  | 40.163 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.392 | 278  | 1309523  | 48.733 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.145 | 276  | 1295831  | 49.954 | ng    | 99       |

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

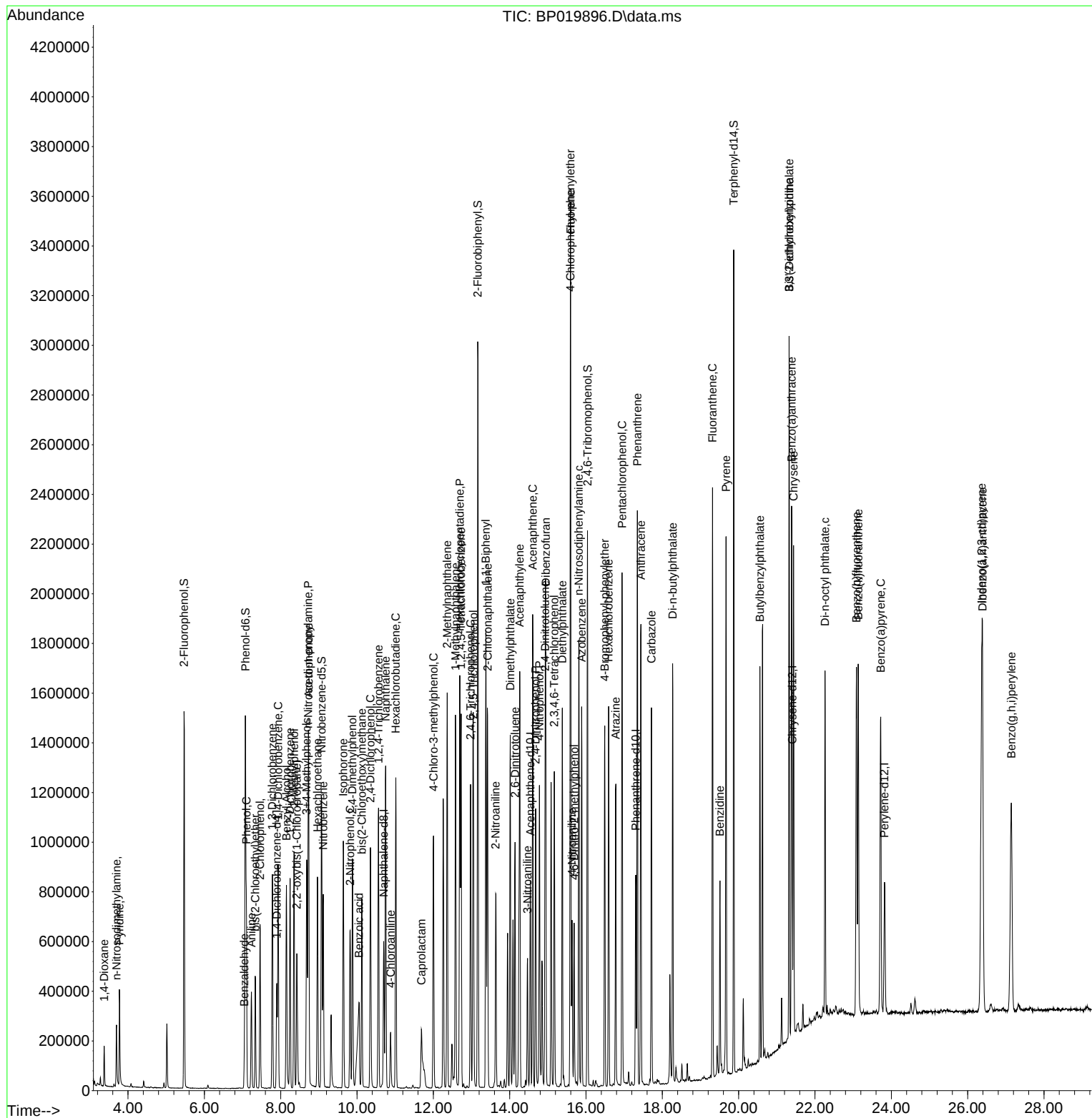
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022724\  
 Data File : BP019896.D  
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 Operator : MA/JU  
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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

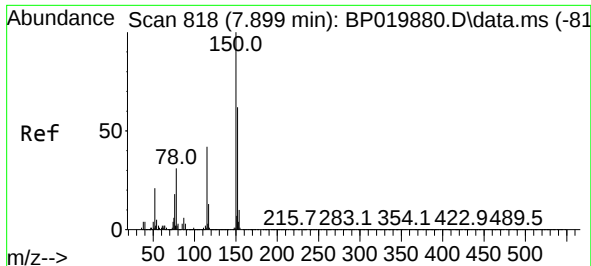
Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-232MSD

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024

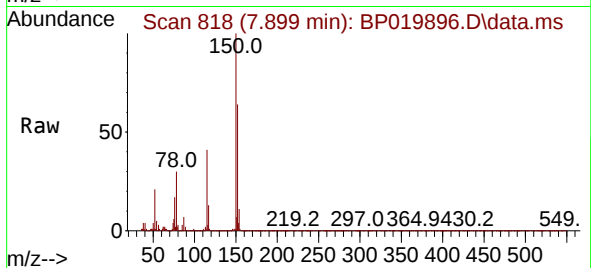
Quant Time: Feb 27 15:34:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 02:05:05 2024  
 Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.899 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

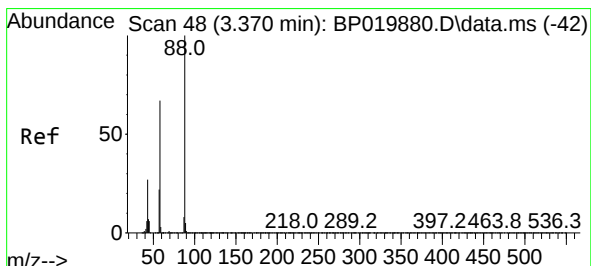
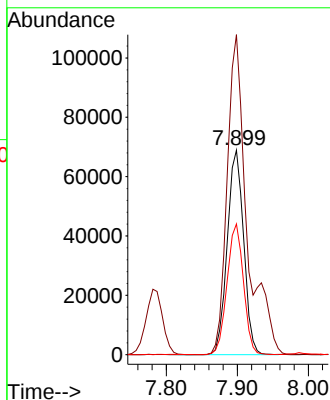
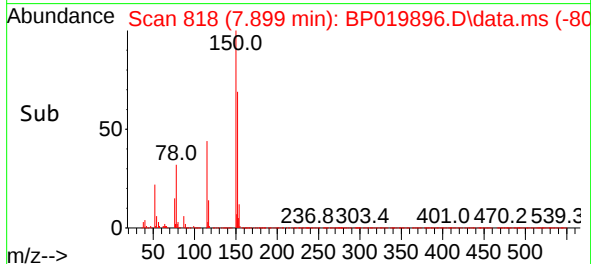
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



Tgt Ion:152 Resp: 110649  
Ion Ratio Lower Upper  
152 100  
150 156.5 128.6 192.8  
115 64.0 53.4 80.2

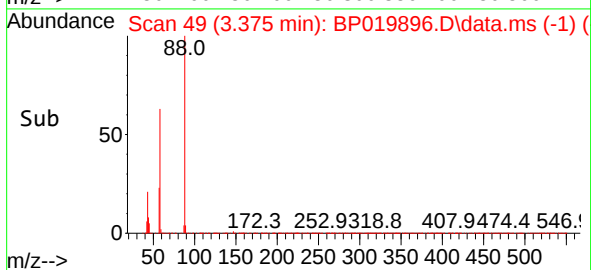
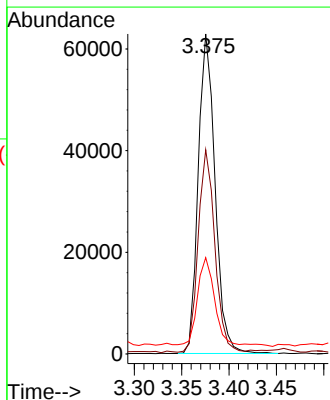
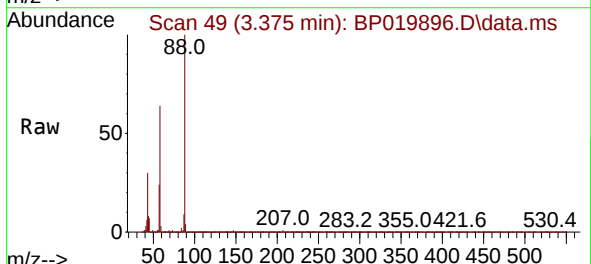
Manual Integrations  
APPROVED

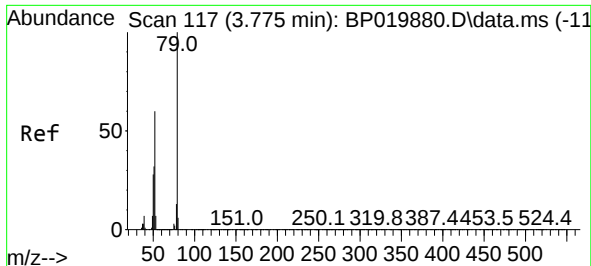
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#2  
1,4-Dioxane  
Concen: 33.272 ng  
RT: 3.375 min Scan# 49  
Delta R.T. 0.005 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

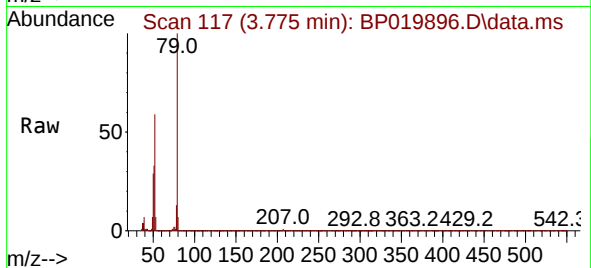
Tgt Ion: 88 Resp: 77578  
Ion Ratio Lower Upper  
88 100  
58 62.6 52.0 78.0  
43 29.4 21.6 32.4





#3  
Pyridine  
Concen: 28.190 ng  
RT: 3.775 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

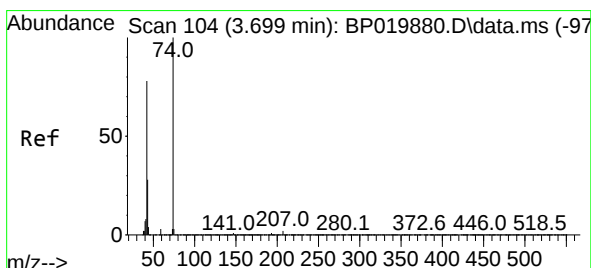
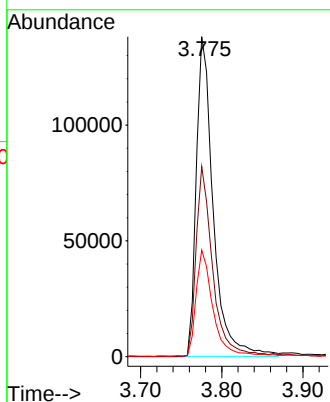
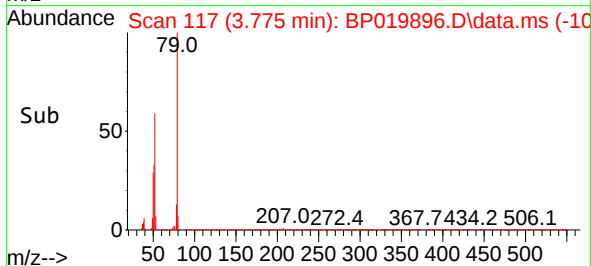
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



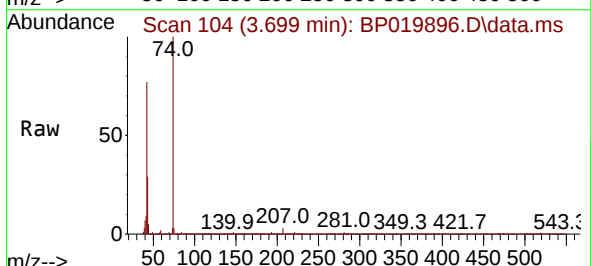
Tgt Ion: 79 Resp: 201030  
Ion Ratio Lower Upper  
79 100  
52 59.4 47.8 71.8  
51 33.3 26.2 39.2

Manual Integrations  
APPROVED

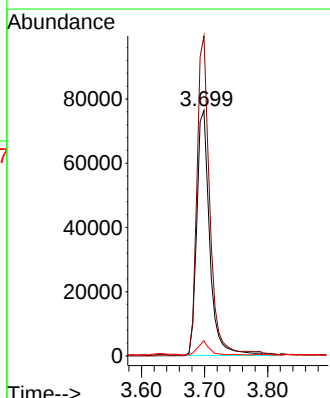
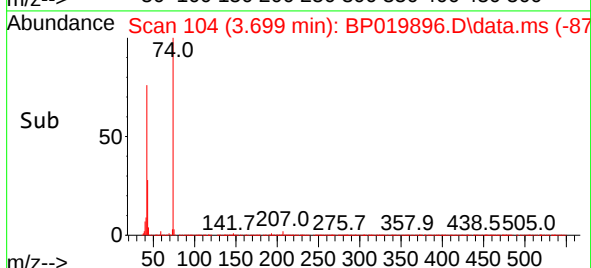
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

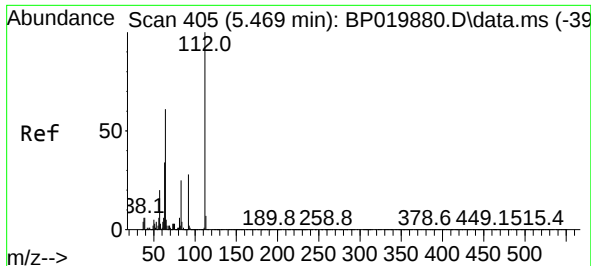


#4  
n-Nitrosodimethylamine  
Concen: 36.987 ng  
RT: 3.699 min Scan# 104  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion: 42 Resp: 108697  
Ion Ratio Lower Upper  
42 100  
74 130.3 103.0 154.4  
44 6.2 4.6 6.8





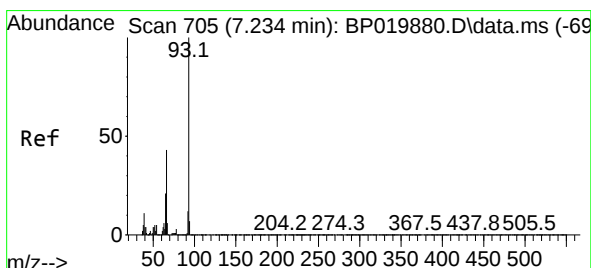
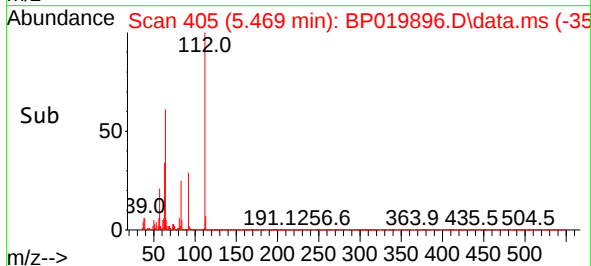
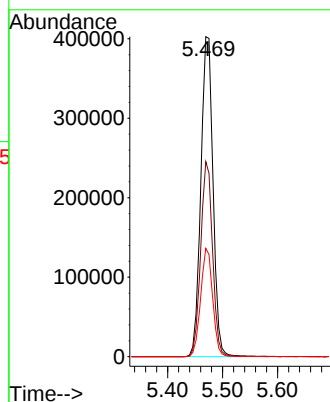
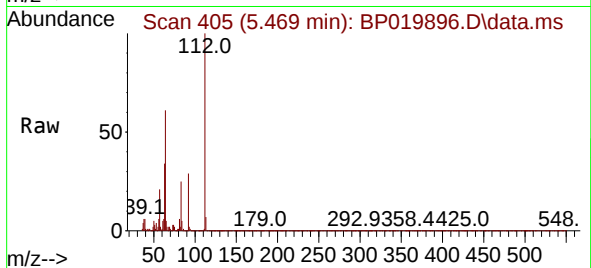
#5  
2-Fluorophenol  
Concen: 92.187 ng  
RT: 5.469 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD

Tgt Ion:112 Resp: 621459  
Ion Ratio Lower Upper  
112 100  
64 61.0 49.0 73.6  
63 33.9 27.6 41.4

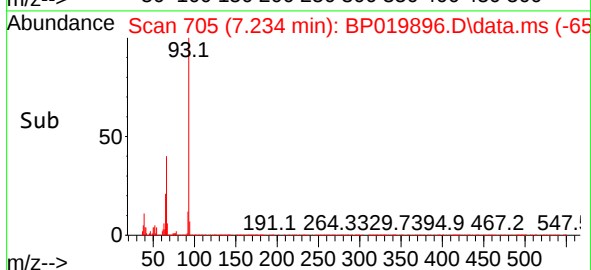
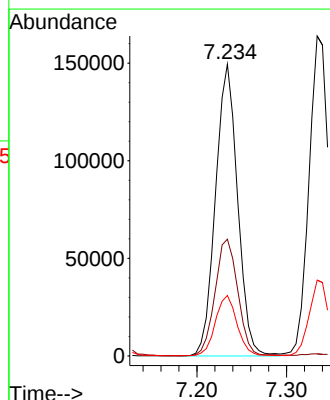
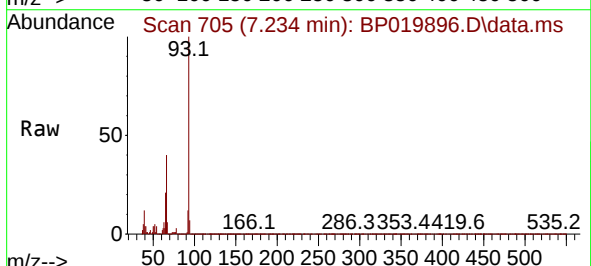
Manual Integrations  
APPROVED

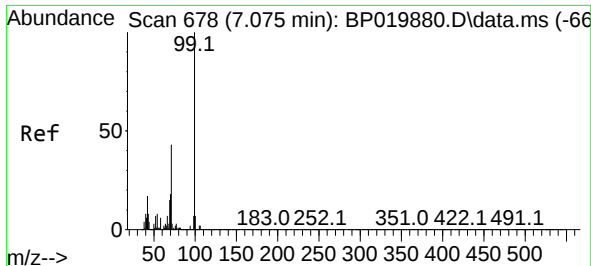
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#6  
Aniline  
Concen: 20.766 ng  
RT: 7.234 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

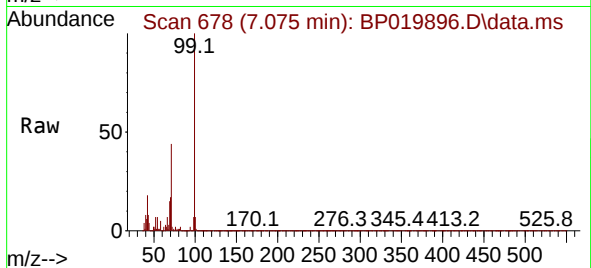
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Ion Ratio Lower Upper  
93 100  
66 40.0 34.5 51.7  
65 20.7 16.5 24.7





#7  
Phenol-d6  
Concen: 83.441 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

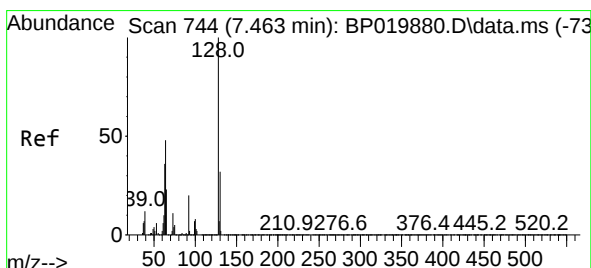
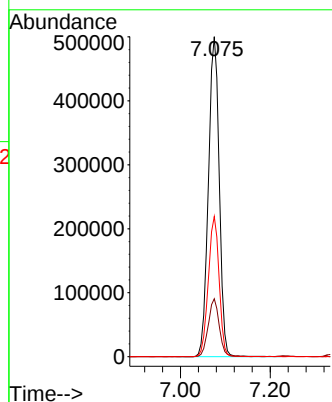
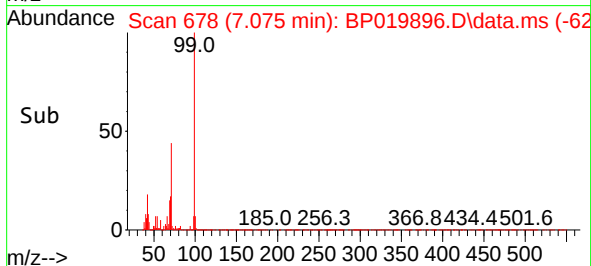
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



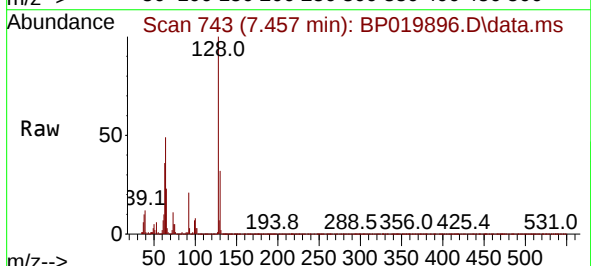
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Ion Ratio Lower Upper  
99 100  
42 18.1 13.8 20.8  
71 43.8 34.5 51.7

Manual Integrations  
APPROVED

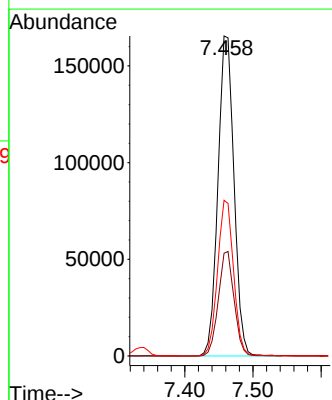
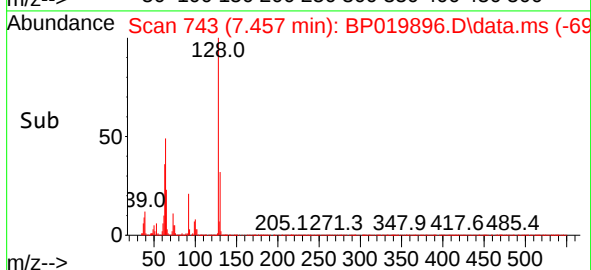
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

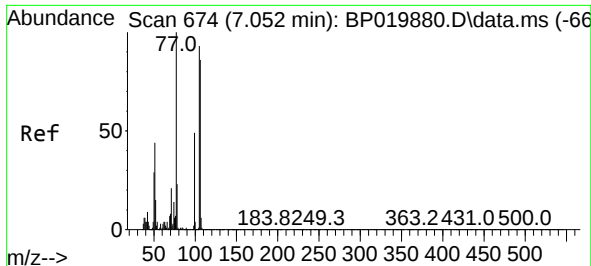


#8  
2-Chlorophenol  
Concen: 37.323 ng  
RT: 7.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion:128 Resp: 271317  
Ion Ratio Lower Upper  
128 100  
130 32.1 12.3 52.3  
64 48.6 29.2 69.2





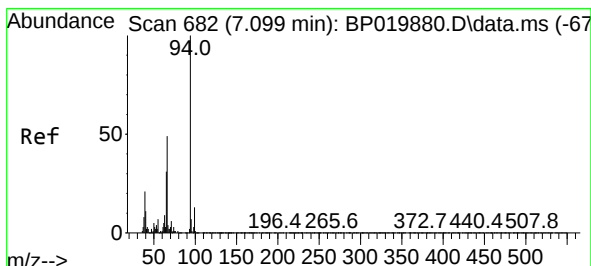
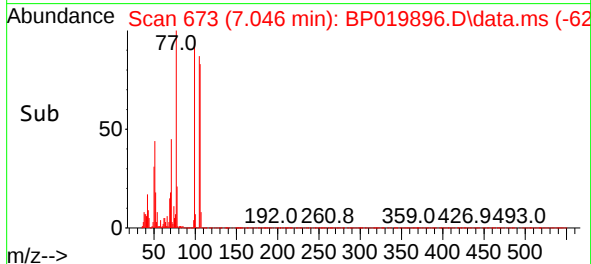
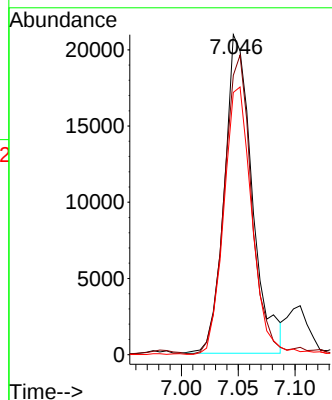
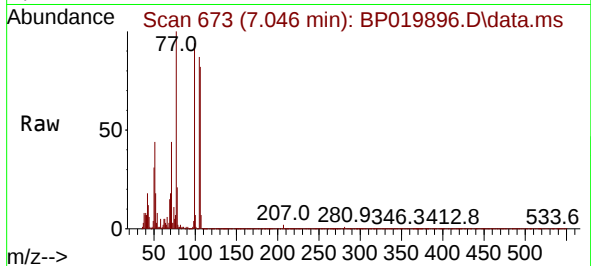
#9  
Benzaldehyde  
Concen: 6.219 ng  
RT: 7.046 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD

Tgt Ion: 77 Resp: 35630  
Ion Ratio Lower Upper  
77 100  
105 87.3 73.2 113.2  
106 82.0 66.3 106.3

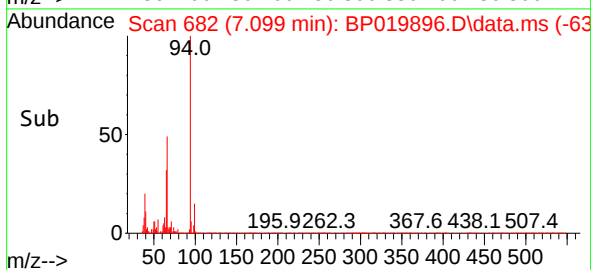
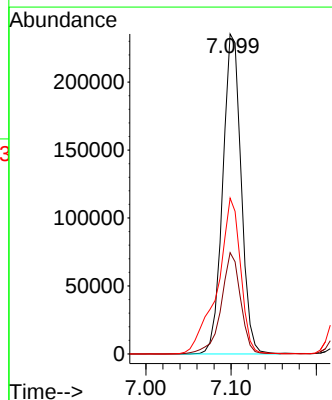
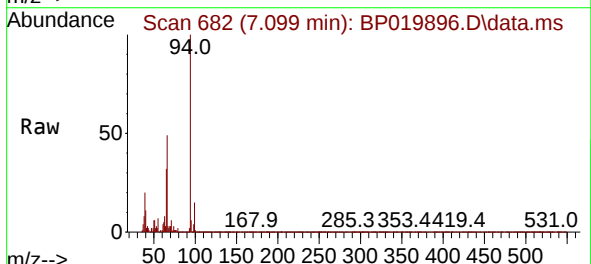
Manual Integrations  
APPROVED

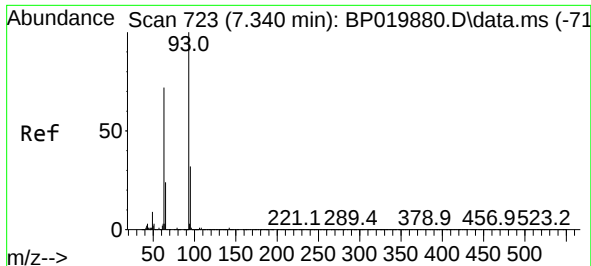
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#10  
Phenol  
Concen: 35.292 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion: 94 Resp: 353204  
Ion Ratio Lower Upper  
94 100  
65 31.6 11.5 51.5  
66 48.7 29.2 69.2





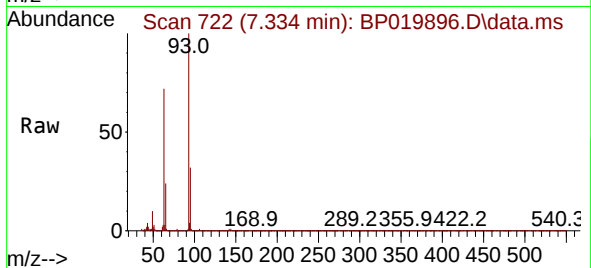
#11  
bis(2-Chloroethyl)ether  
Concen: 32.755 ng  
RT: 7.334 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

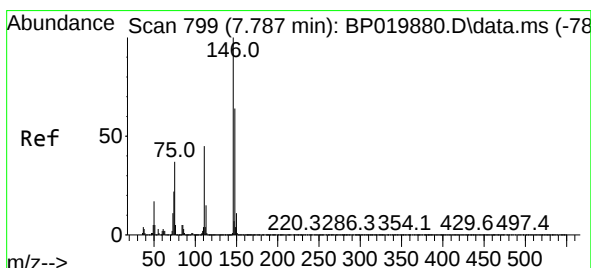
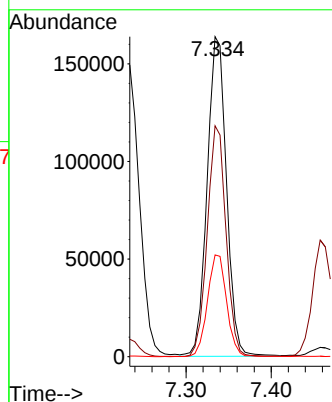
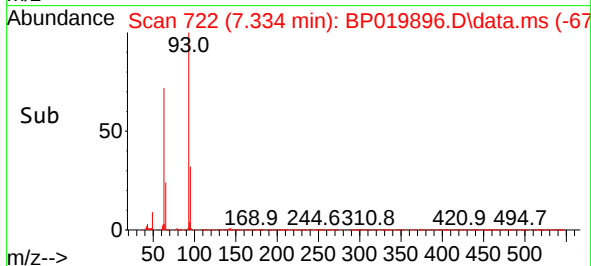


Tgt Ion: 93 Resp: 25818  
Ion Ratio Lower Upper  
93 100  
63 72.1 52.0 92.0  
95 31.8 11.6 51.6

Manual Integrations

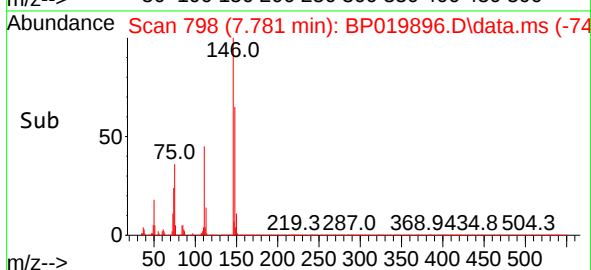
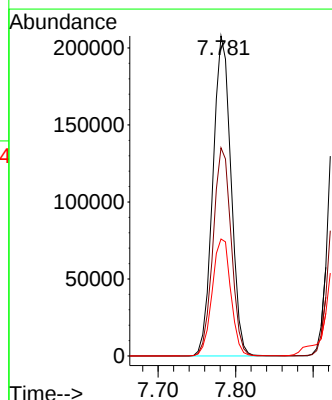
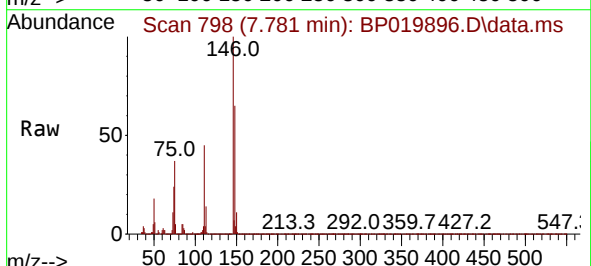
APPROVED

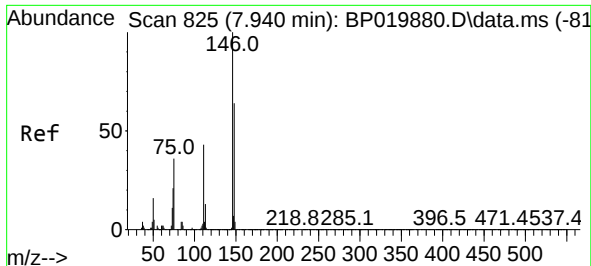
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#12  
1,3-Dichlorobenzene  
Concen: 42.840 ng  
RT: 7.781 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:146 Resp: 338111  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.3 76.9  
75 36.6 29.8 44.8





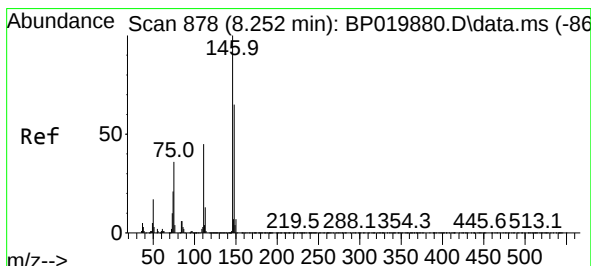
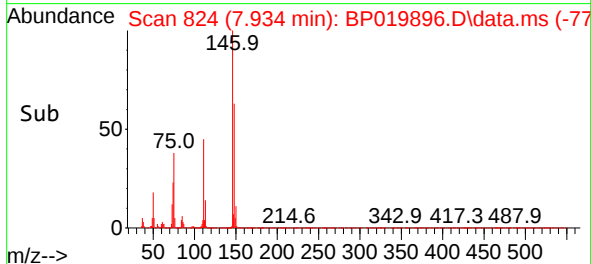
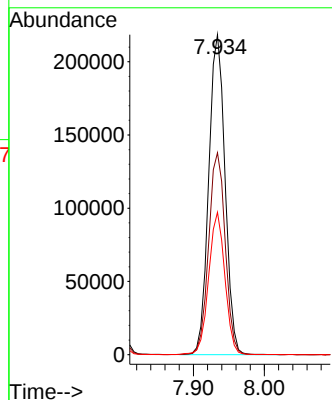
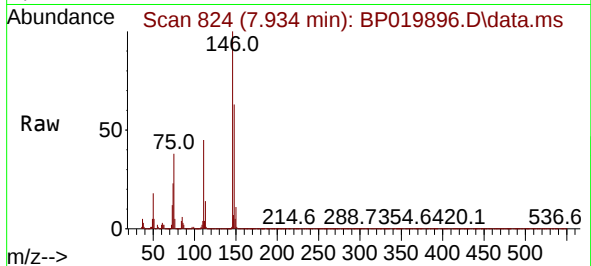
#13  
1,4-Dichlorobenzene  
Concen: 43.578 ng  
RT: 7.934 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD

Tgt Ion:146 Resp: 348279  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.0 76.6  
111 44.5 34.6 52.0

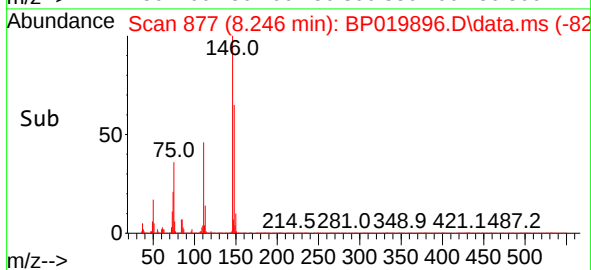
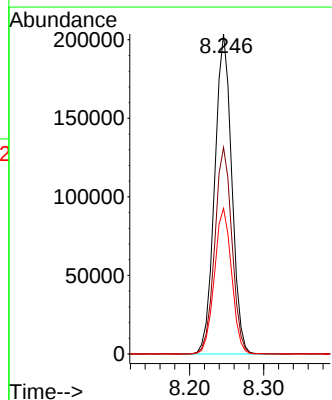
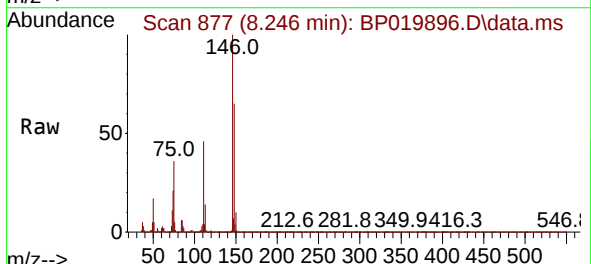
Manual Integrations  
APPROVED

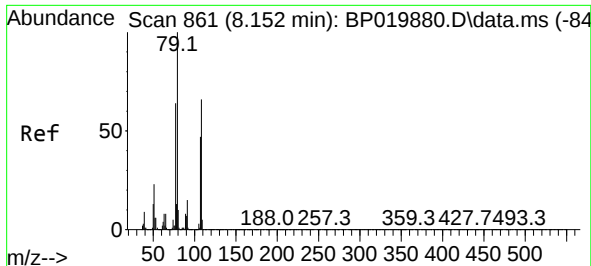
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#14  
1,2-Dichlorobenzene  
Concen: 40.539 ng  
RT: 8.246 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

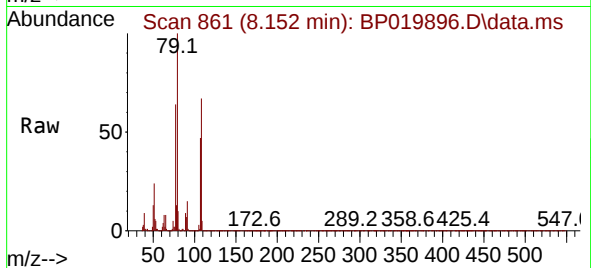
Tgt Ion:146 Resp: 325018  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.7 77.5  
111 45.5 35.9 53.9





#15  
Benzyl Alcohol  
Concen: 35.542 ng m  
RT: 8.152 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

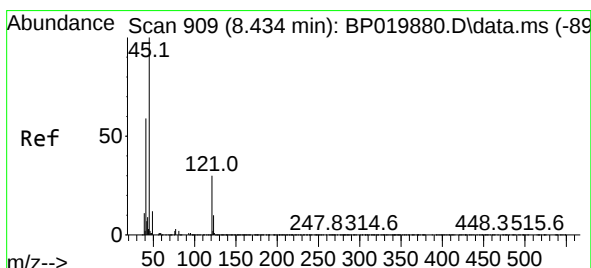
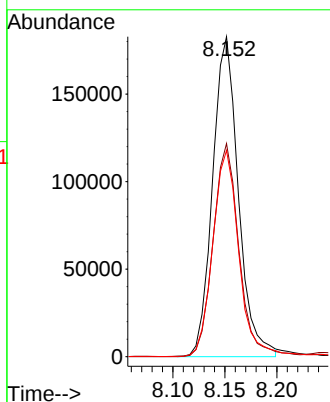
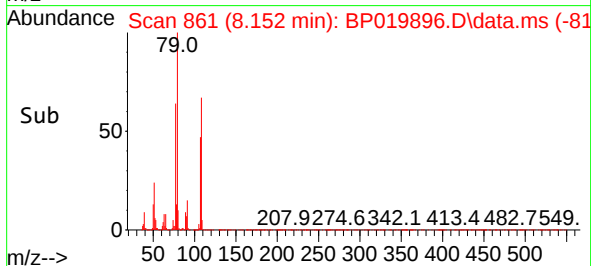
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



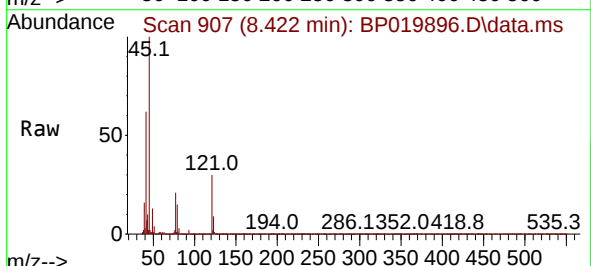
Tgt Ion: 79 Resp: 31470  
Ion Ratio Lower Upper  
79 100  
108 66.6 52.5 78.7  
77 64.5 51.0 76.4

Manual Integrations  
APPROVED

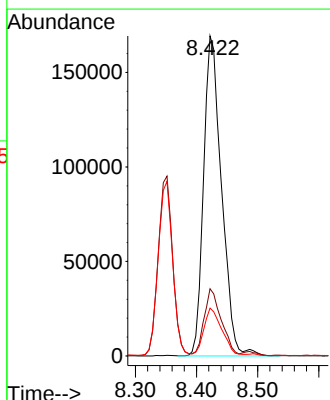
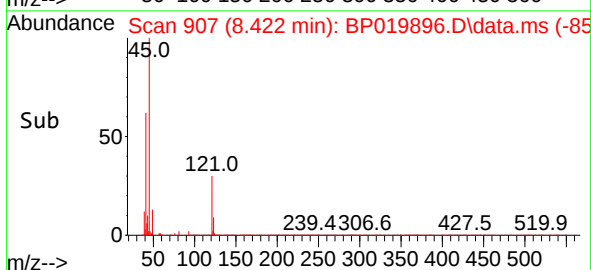
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

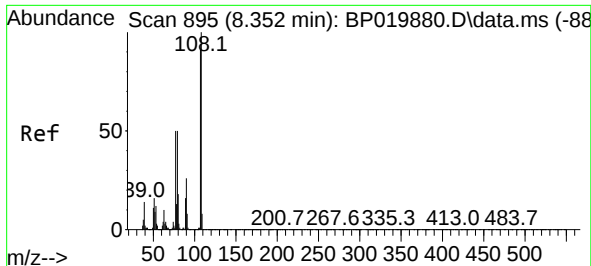


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.119 ng m  
RT: 8.422 min Scan# 907  
Delta R.T. -0.012 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion: 45 Resp: 346058  
Ion Ratio Lower Upper  
45 100  
77 21.0 0.8 40.8  
79 14.9 0.0 34.7





#17  
2-Methylphenol  
Concen: 37.277 ng  
RT: 8.352 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

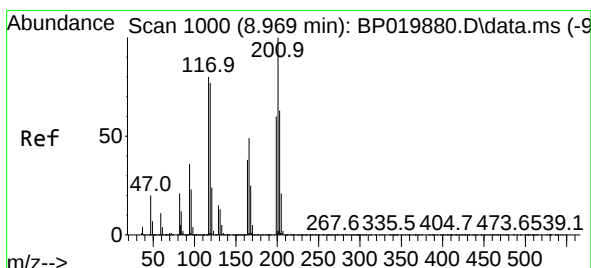
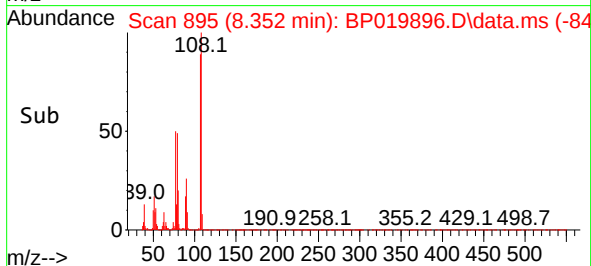
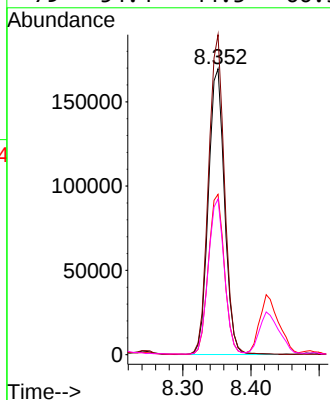
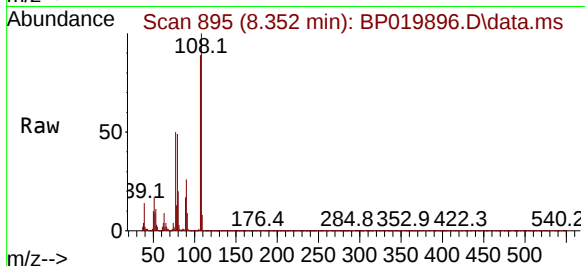
VNJ-232MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 279014 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.9 | 88.4  | 132.6  |
| 77        | 56.1  | 43.8  | 65.8   |
| 79        | 54.4  | 44.3  | 66.5   |

Manual Integrations

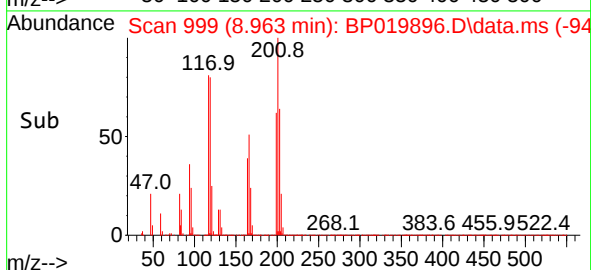
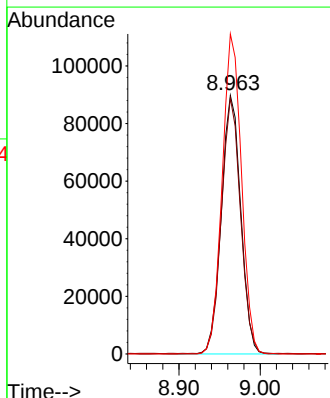
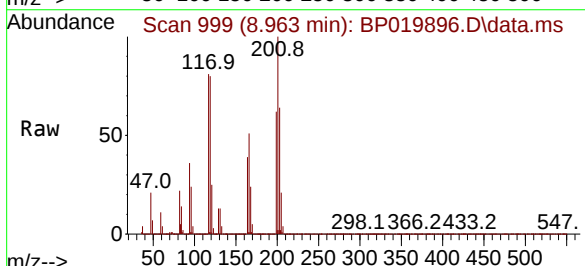
APPROVED

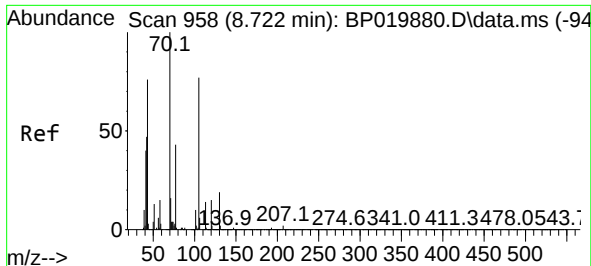
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#18  
Hexachloroethane  
Concen: 48.351 ng  
RT: 8.963 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 149743 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 98.9  | 76.9  | 115.3  |
| 201       | 123.7 | 99.6  | 149.4  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.103 ng  
RT: 8.722 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

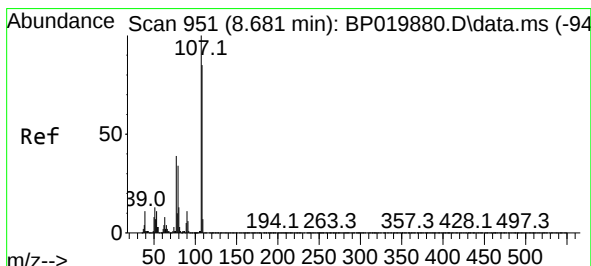
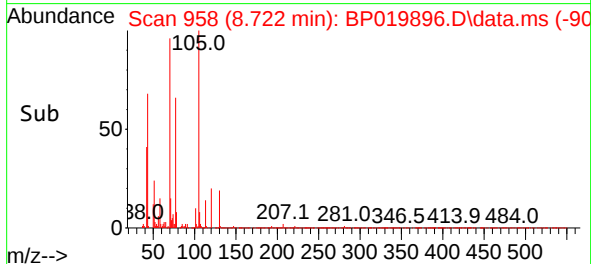
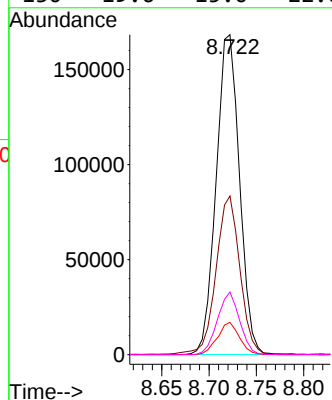
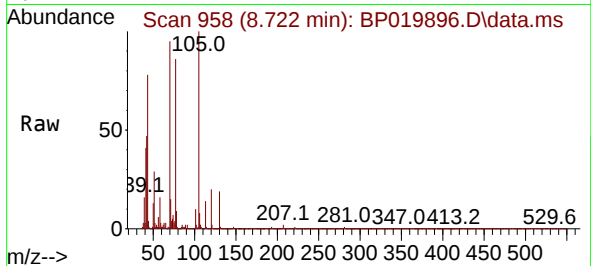
ClientSampleId :

VNJ-232MSD

Tgt Ion: 70 Resp: 28890  
Ion Ratio Lower Upper  
70 100  
42 49.6 38.2 57.2  
101 10.1 8.0 12.0  
130 19.6 15.0 22.6

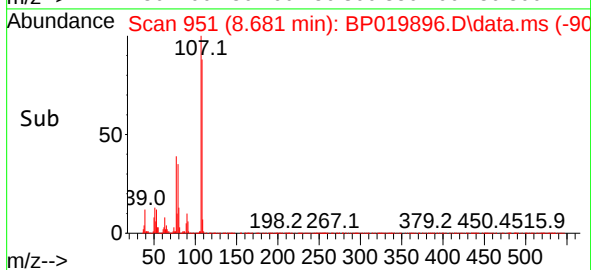
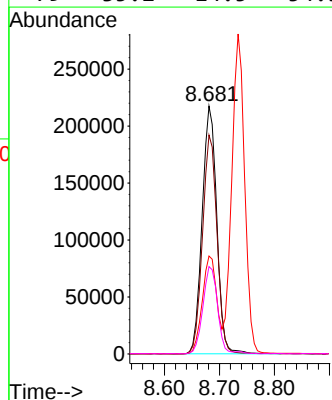
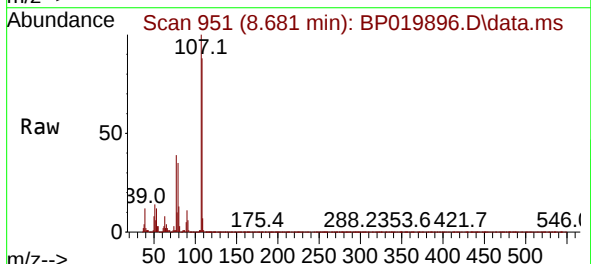
Manual Integrations  
APPROVED

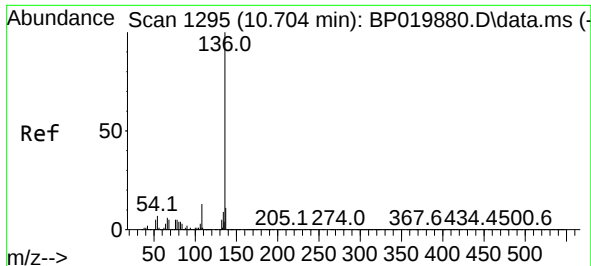
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#20  
3+4-Methylphenols  
Concen: 37.370 ng  
RT: 8.681 min Scan# 951  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:107 Resp: 401908  
Ion Ratio Lower Upper  
107 100  
108 88.3 64.8 104.8  
77 39.5 18.8 58.8  
79 35.2 14.5 54.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.698 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

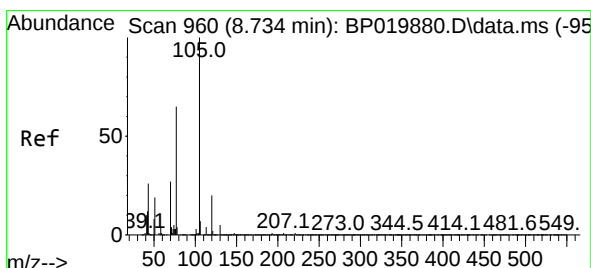
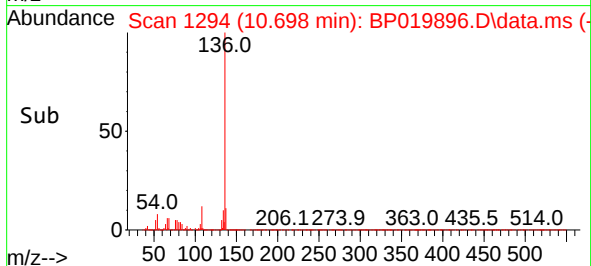
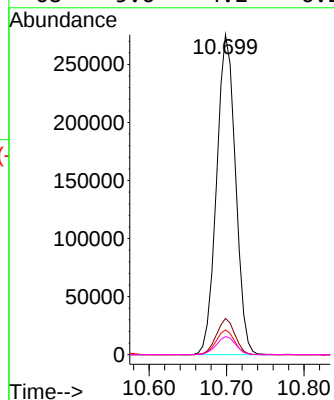
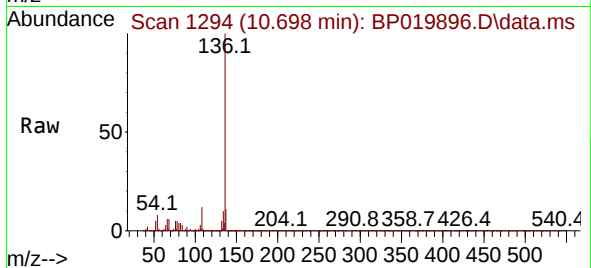
VNJ-232MSD

Tgt Ion:136 Resp: 467510  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.7 13.1  
54 7.8 6.0 9.0  
68 5.6 4.2 6.2

Manual Integrations

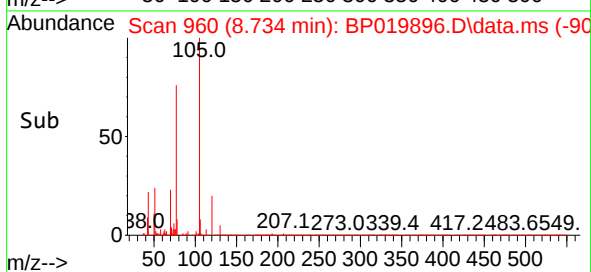
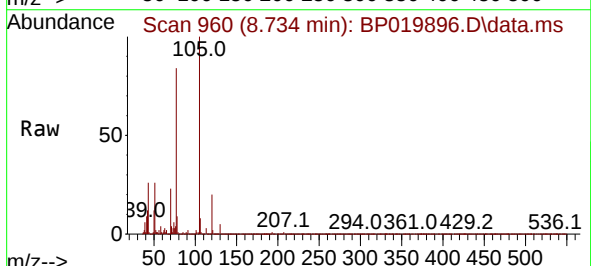
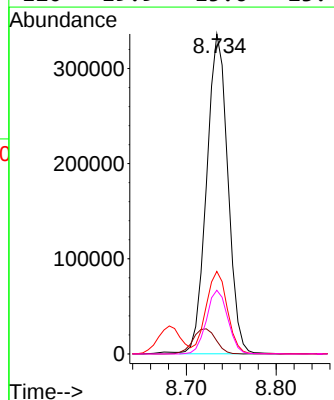
APPROVED

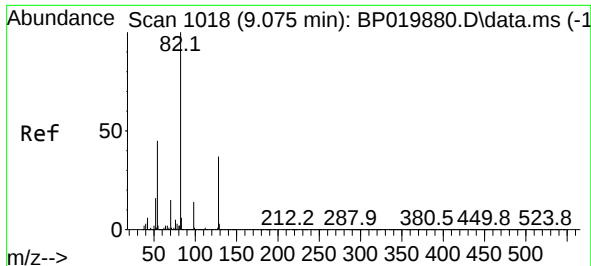
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#22  
Acetophenone  
Concen: 37.928 ng  
RT: 8.734 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:105 Resp: 550705  
Ion Ratio Lower Upper  
105 100  
71 4.1 3.7 5.5  
51 25.8 20.5 30.7  
120 19.9 15.6 23.4





#23  
Nitrobenzene-d5  
Concen: 63.747 ng  
RT: 9.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

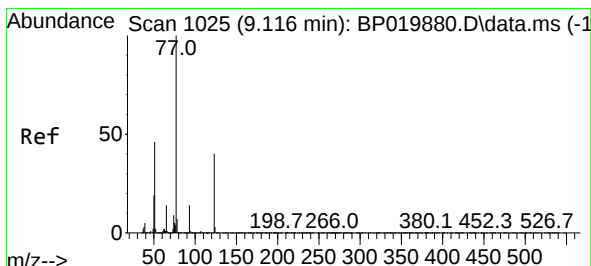
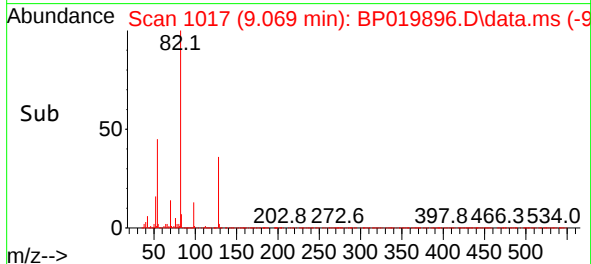
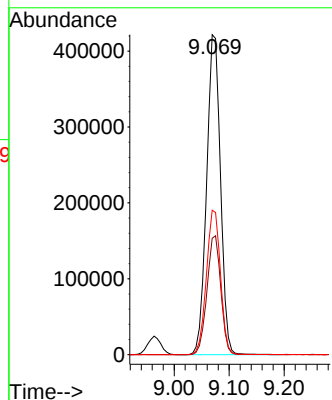
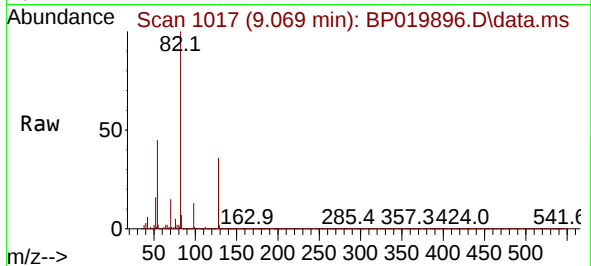
ClientSampleId :

VNJ-232MSD

Tgt Ion: 82 Resp: 738209  
Ion Ratio Lower Upper  
82 100  
128 36.4 29.6 44.4  
54 45.2 36.3 54.5

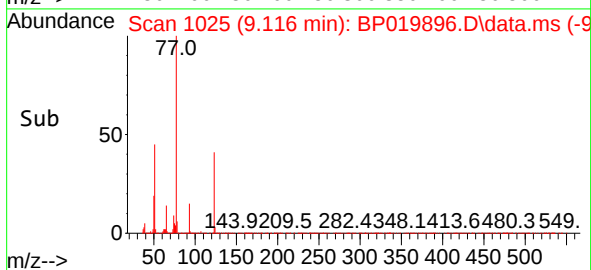
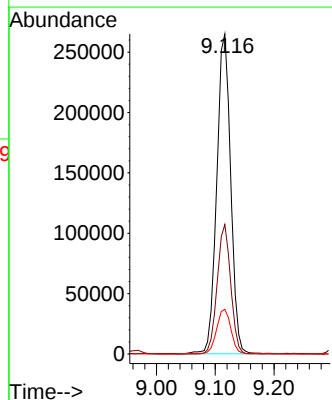
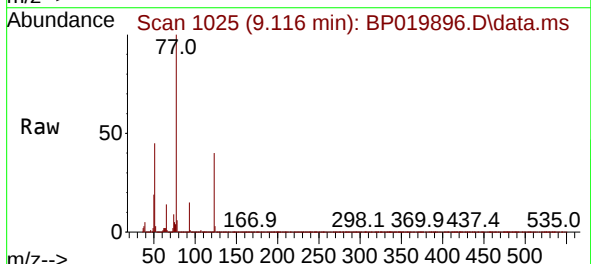
Manual Integrations  
APPROVED

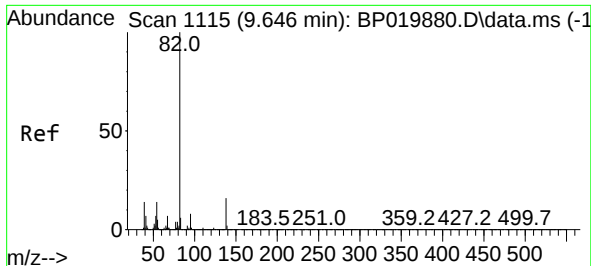
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#24  
Nitrobenzene  
Concen: 38.865 ng  
RT: 9.116 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion: 77 Resp: 435714  
Ion Ratio Lower Upper  
77 100  
123 40.5 31.8 47.6  
65 13.9 11.0 16.6





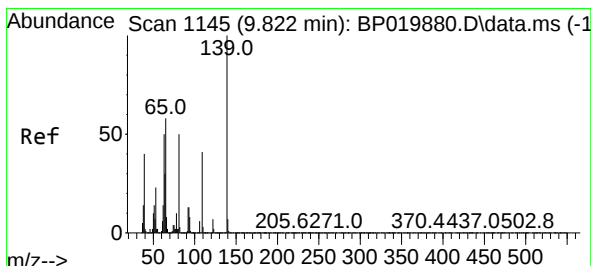
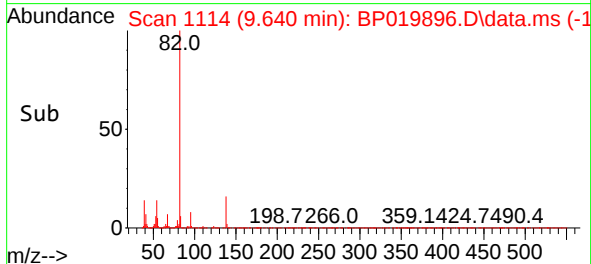
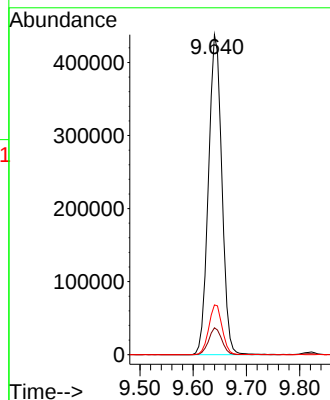
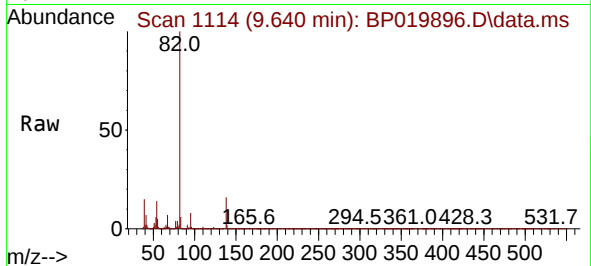
#25  
Isophorone  
Concen: 37.854 ng  
RT: 9.640 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD

Tgt Ion: 82 Resp: 762984  
Ion Ratio Lower Upper  
82 100  
95 8.4 6.6 10.0  
138 15.5 12.8 19.2

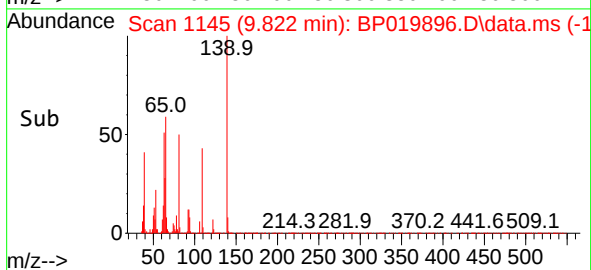
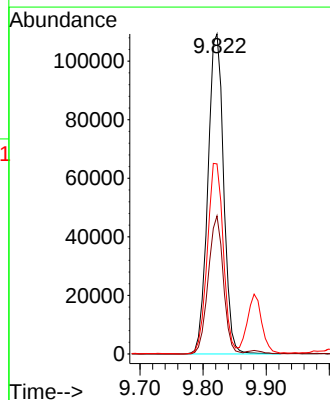
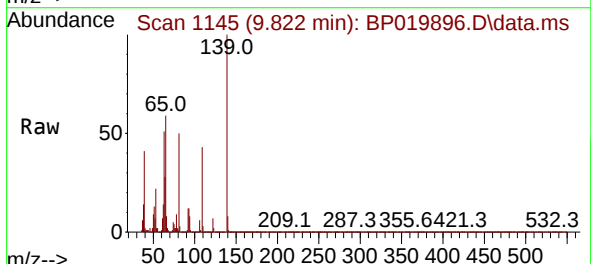
Manual Integrations  
APPROVED

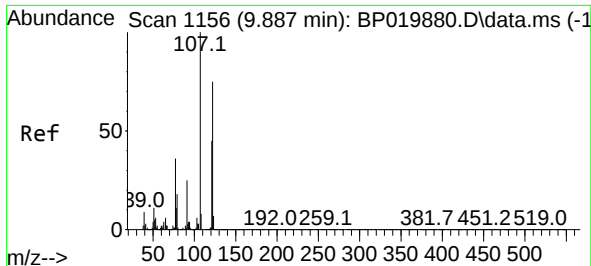
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#26  
2-Nitrophenol  
Concen: 42.116 ng  
RT: 9.822 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:139 Resp: 188929  
Ion Ratio Lower Upper  
139 100  
109 43.2 32.9 49.3  
65 59.4 46.7 70.1





#27  
2,4-Dimethylphenol  
Concen: 34.253 ng  
RT: 9.881 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

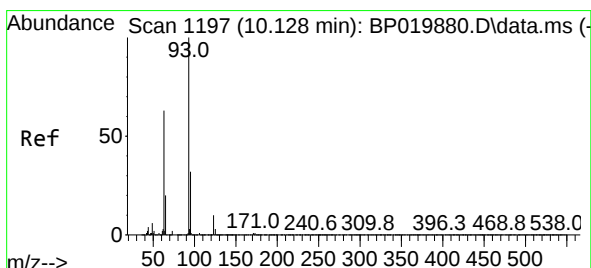
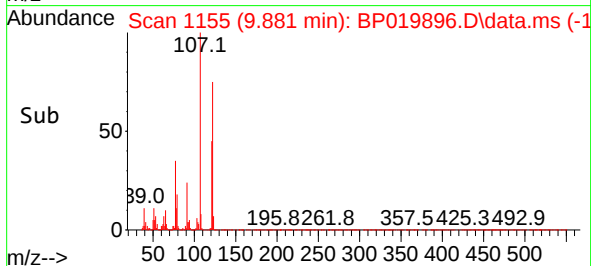
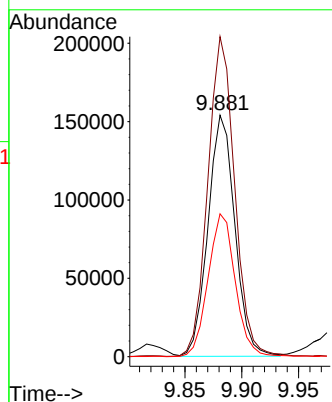
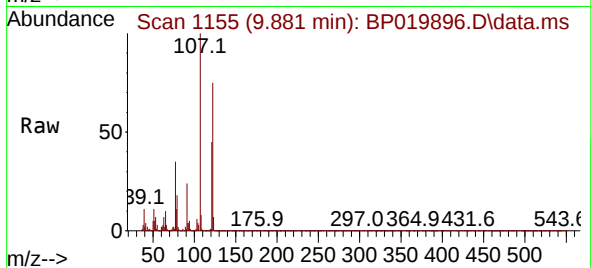
VNJ-232MSD

Tgt Ion:122 Resp: 25366  
Ion Ratio Lower Upper  
122 100  
107 132.6 105.7 158.5  
121 59.2 47.5 71.3

Manual Integrations

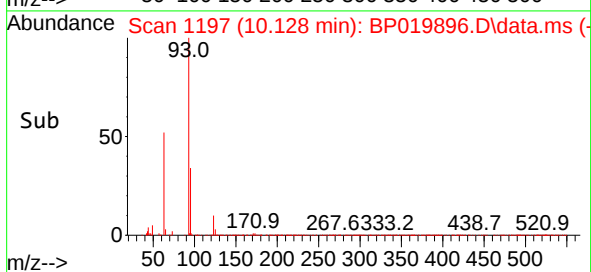
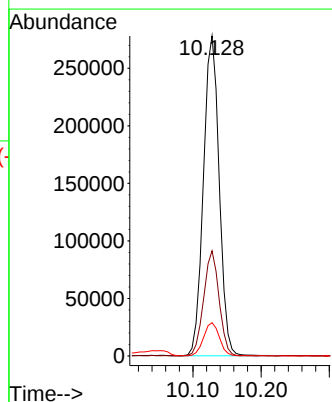
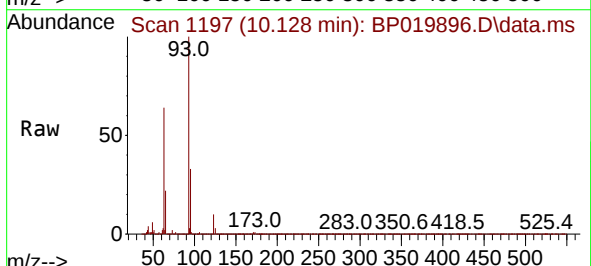
APPROVED

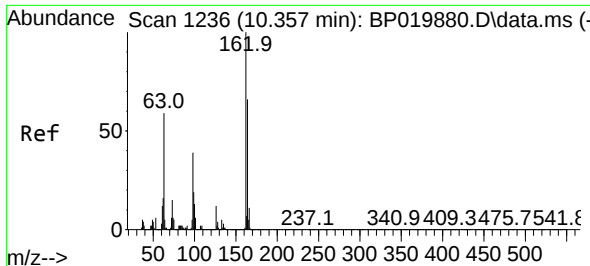
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.851 ng  
RT: 10.128 min Scan# 1197  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion: 93 Resp: 448260  
Ion Ratio Lower Upper  
93 100  
95 32.8 25.8 38.8  
123 10.4 7.8 11.6





#29  
2,4-Dichlorophenol  
Concen: 41.691 ng  
RT: 10.351 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

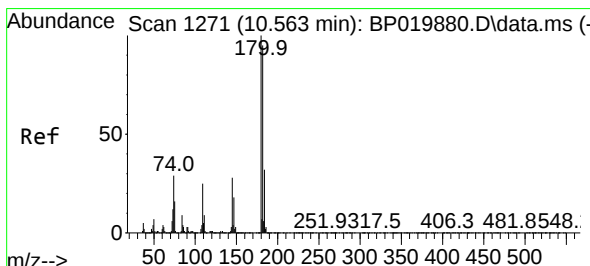
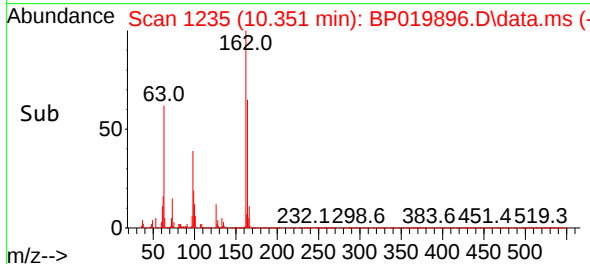
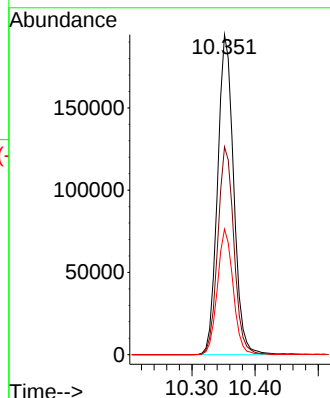
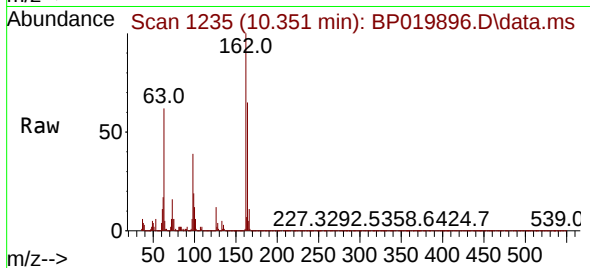
VNJ-232MSD

Tgt Ion:162 Resp: 344378  
Ion Ratio Lower Upper  
162 100  
164 65.0 45.8 85.8  
98 39.3 18.6 58.6

Manual Integrations

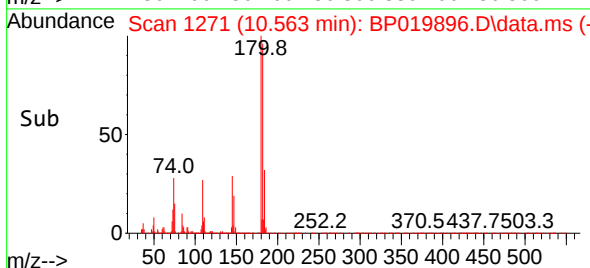
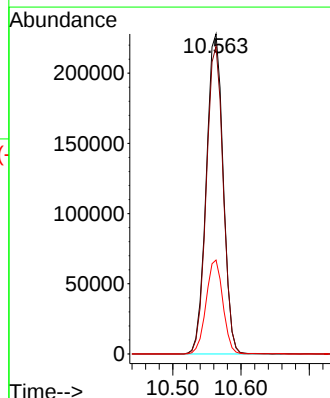
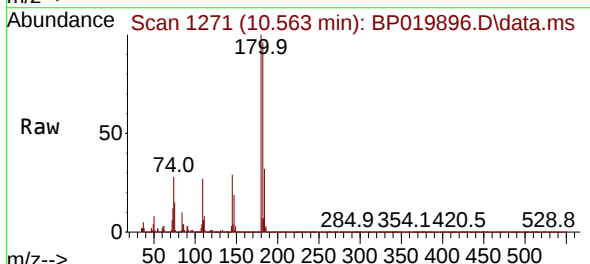
APPROVED

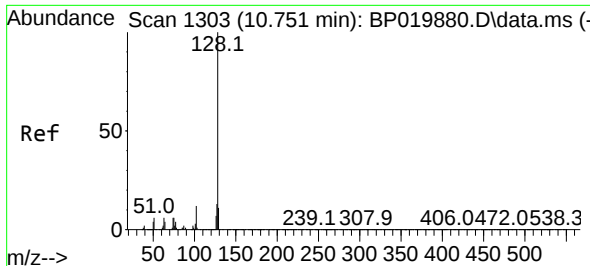
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 43.282 ng  
RT: 10.563 min Scan# 1271  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

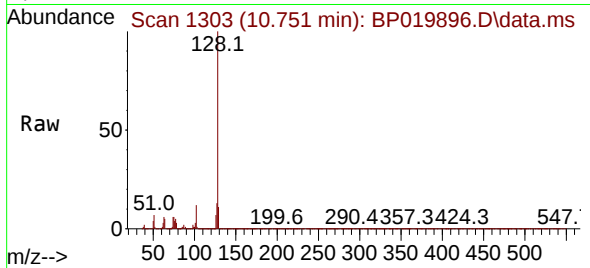
Tgt Ion:180 Resp: 392772  
Ion Ratio Lower Upper  
180 100  
182 96.0 75.7 113.5  
145 29.3 22.8 34.2





#31  
Naphthalene  
Concen: 40.986 ng  
RT: 10.751 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

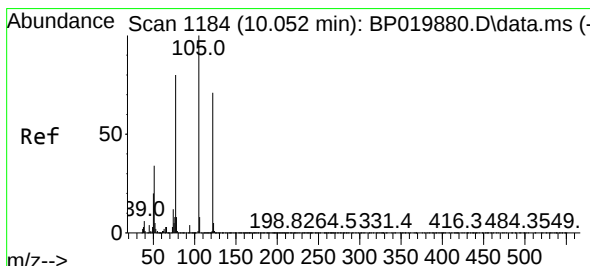
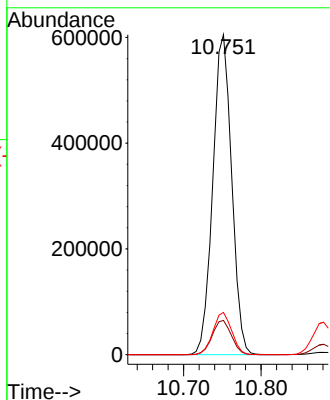
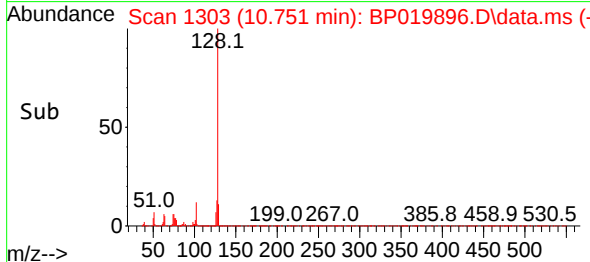
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



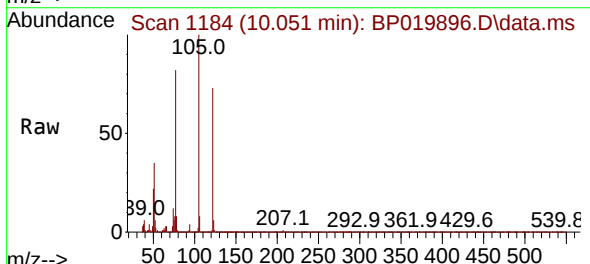
Tgt Ion:128 Resp: 102593  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.6 12.8  
127 13.2 10.2 15.2

Manual Integrations  
APPROVED

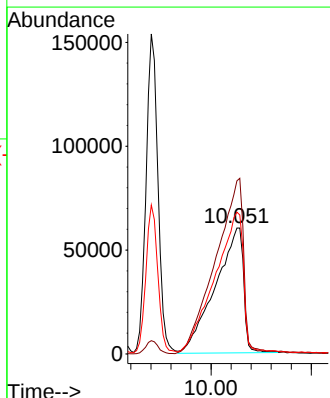
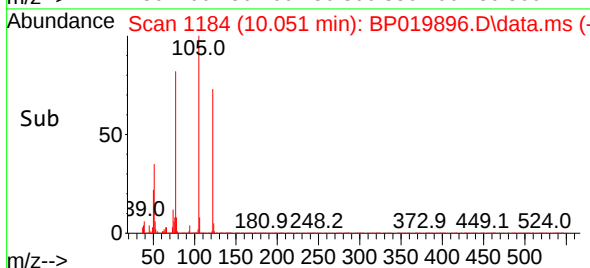
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

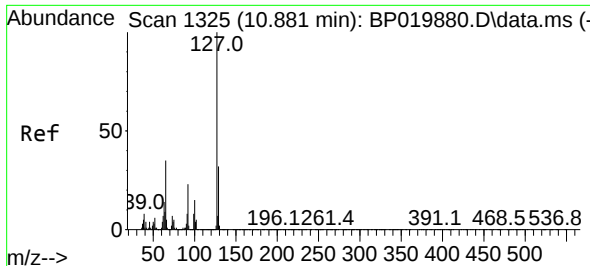


#32  
Benzoic acid  
Concen: 37.446 ng  
RT: 10.051 min Scan# 1184  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



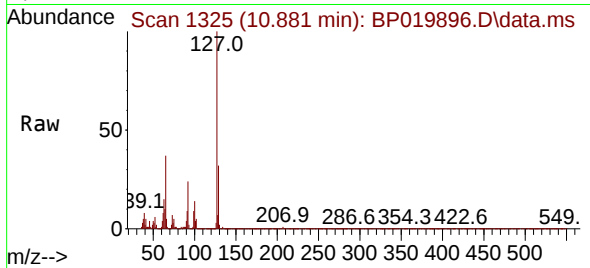
Tgt Ion:122 Resp: 234946  
Ion Ratio Lower Upper  
122 100  
105 137.4 120.8 160.8  
77 112.6 93.5 133.5





#33  
4-Chloroaniline  
Concen: 10.657 ng  
RT: 10.881 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

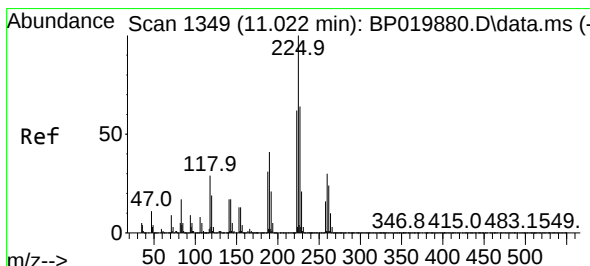
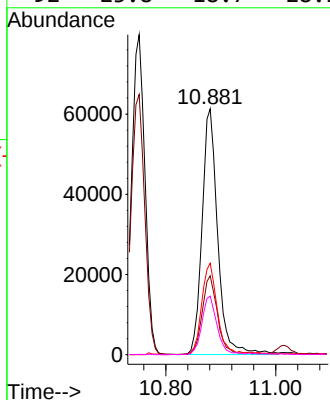
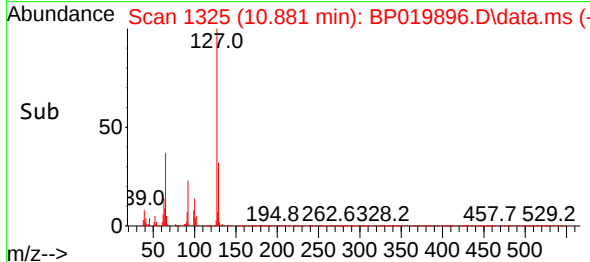
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 121194 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.1  | 25.7  | 38.5   |
| 65        | 37.2  | 28.2  | 42.4   |
| 92        | 23.8  | 18.7  | 28.1   |

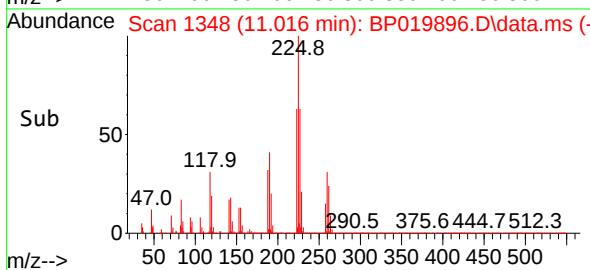
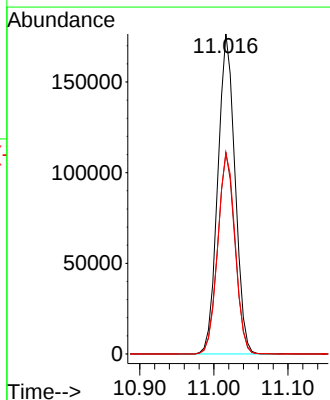
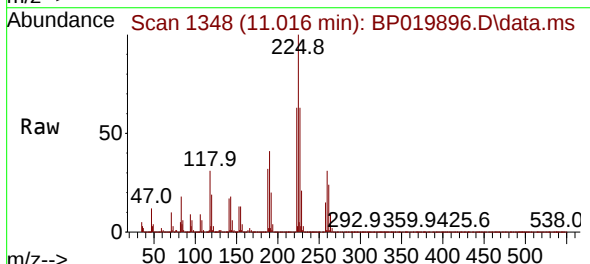
Manual Integrations  
APPROVED

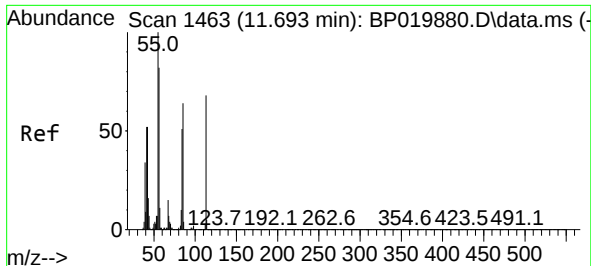
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#34  
Hexachlorobutadiene  
Concen: 43.101 ng  
RT: 11.016 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

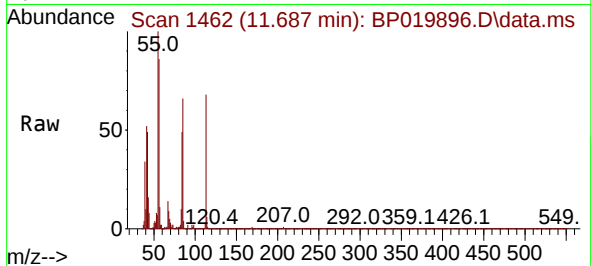
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 284436 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.9  | 49.8  | 74.6   |
| 227       | 62.7  | 51.1  | 76.7   |





#35  
Caprolactam  
Concen: 30.525 ng  
RT: 11.687 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

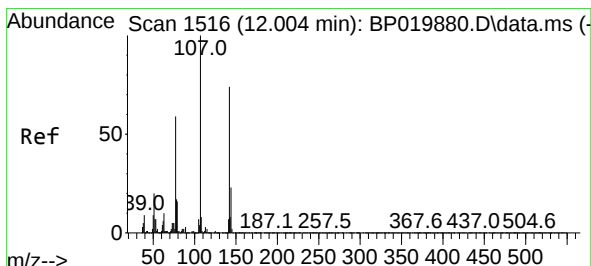
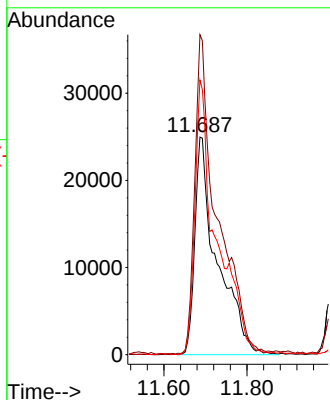
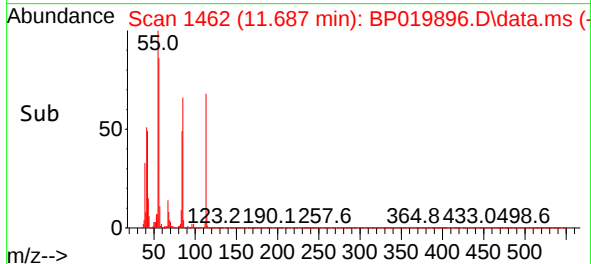
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



Tgt Ion:113 Resp: 92984  
Ion Ratio Lower Upper  
113 100  
55 147.1 127.6 167.6  
56 126.2 100.9 140.9

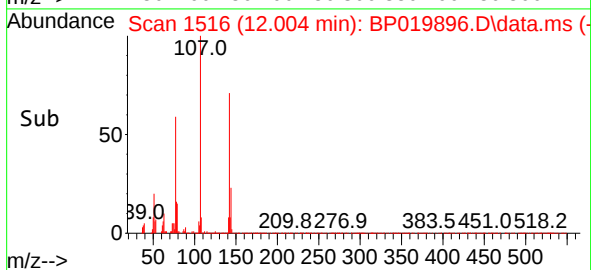
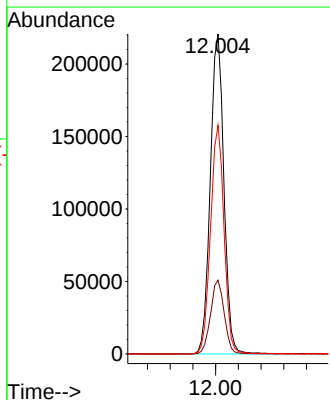
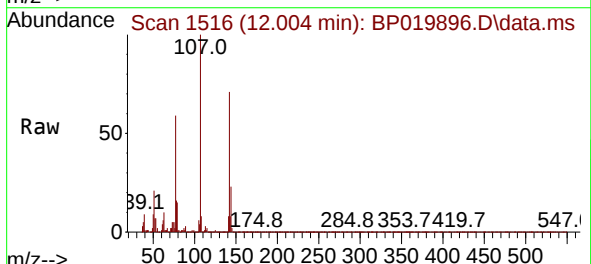
Manual Integrations  
APPROVED

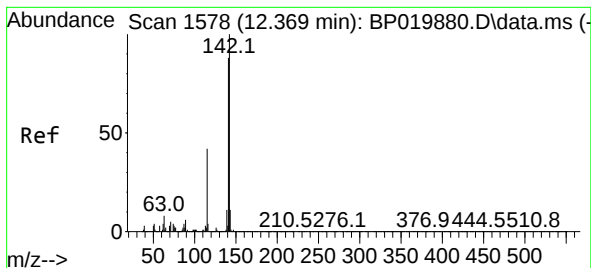
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#36  
4-Chloro-3-methylphenol  
Concen: 35.838 ng  
RT: 12.004 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:107 Resp: 365181  
Ion Ratio Lower Upper  
107 100  
144 23.0 18.6 28.0  
142 71.4 58.8 88.2





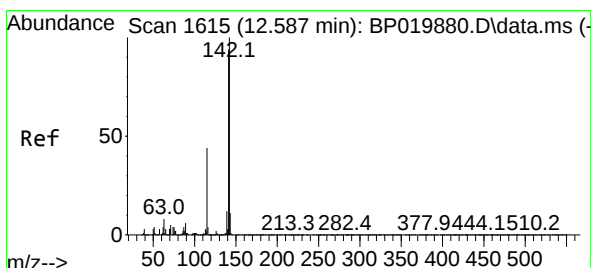
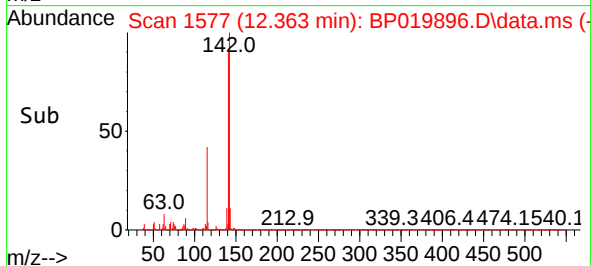
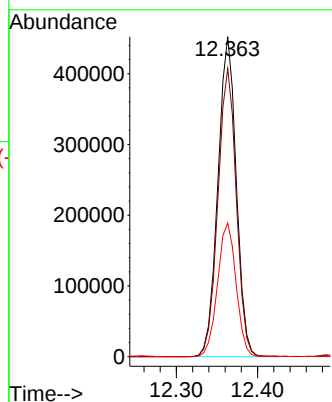
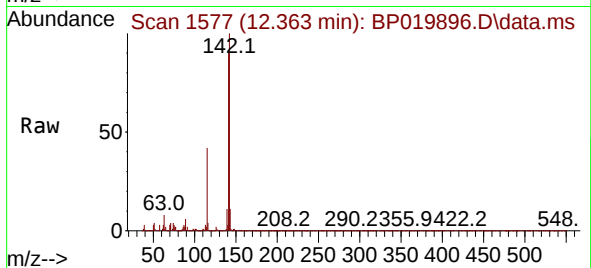
#37  
2-Methylnaphthalene  
Concen: 36.593 ng  
RT: 12.363 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD

Tgt Ion:142 Resp: 71105  
Ion Ratio Lower Upper  
142 100  
141 90.0 70.0 105.0  
115 41.8 33.7 50.5

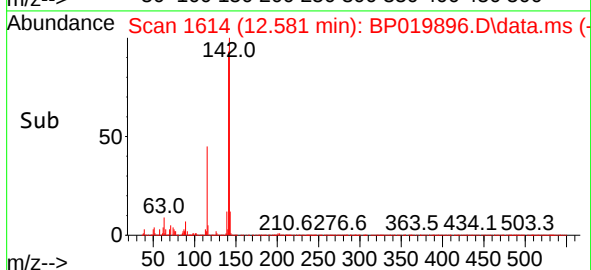
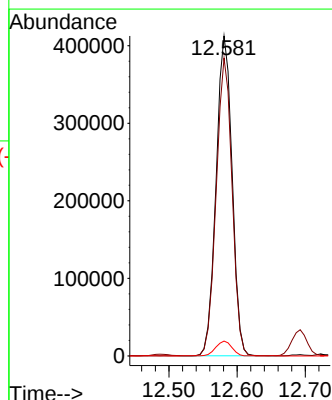
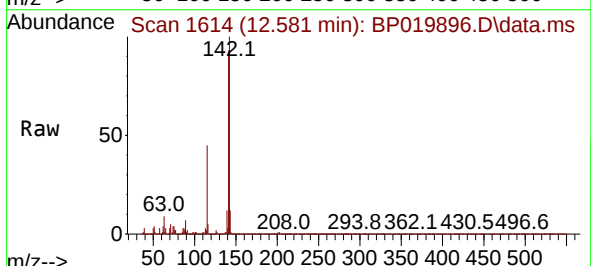
Manual Integrations  
APPROVED

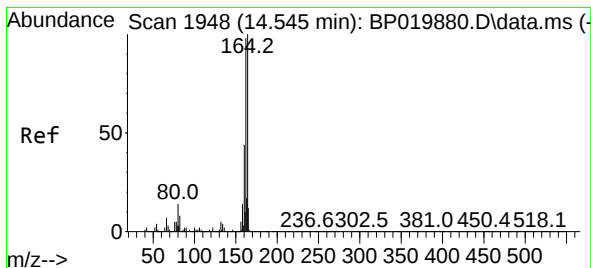
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#38  
1-Methylnaphthalene  
Concen: 36.631 ng  
RT: 12.581 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:142 Resp: 673517  
Ion Ratio Lower Upper  
142 100  
141 93.1 75.5 113.3  
116 4.6 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:164 Resp: 29386

Ion Ratio Lower Upper

164 100

162 101.1 78.1 117.1

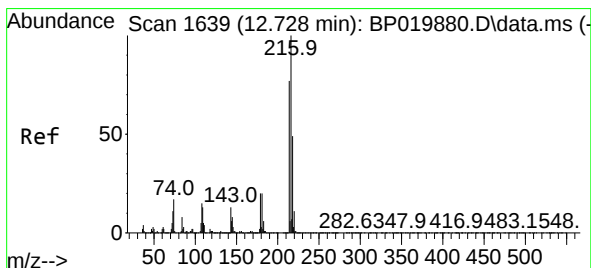
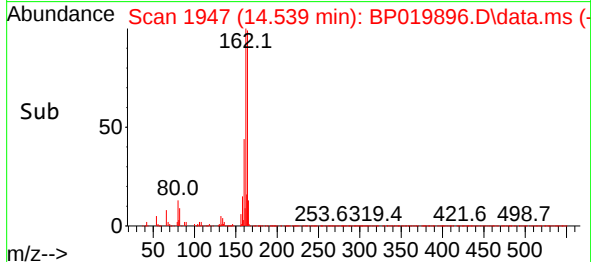
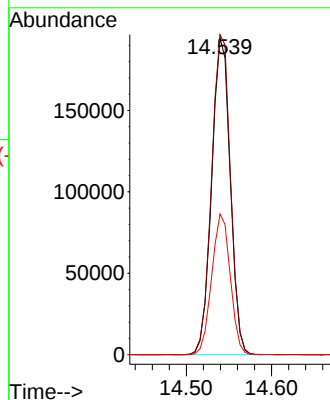
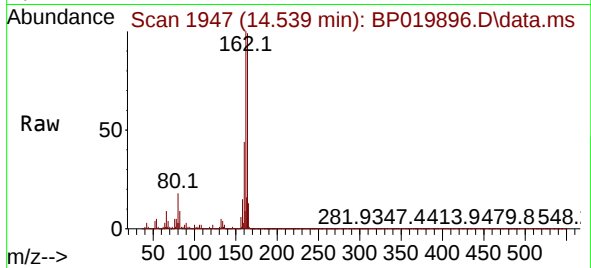
160 44.4 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024

Supervised By :mohammad ahmed 02/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.694 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Tgt Ion:216 Resp: 478760

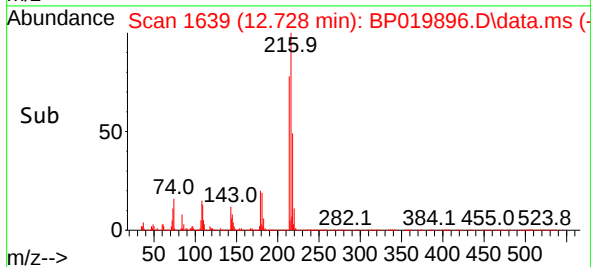
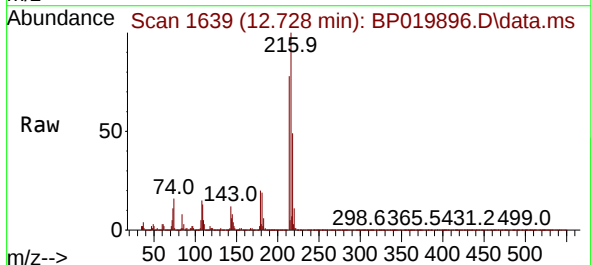
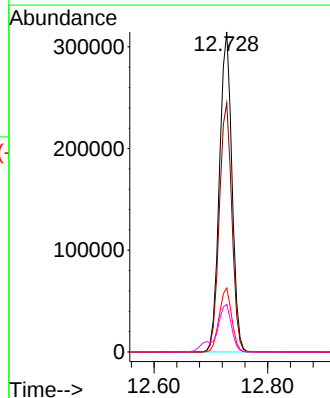
Ion Ratio Lower Upper

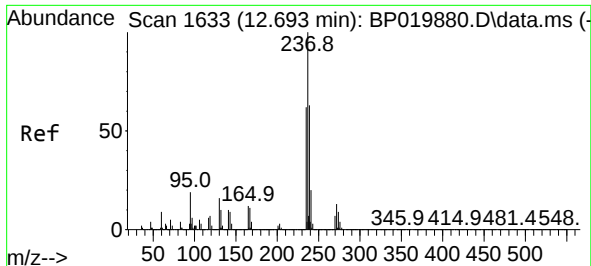
216 100

214 78.3 62.5 93.7

179 20.1 15.8 23.6

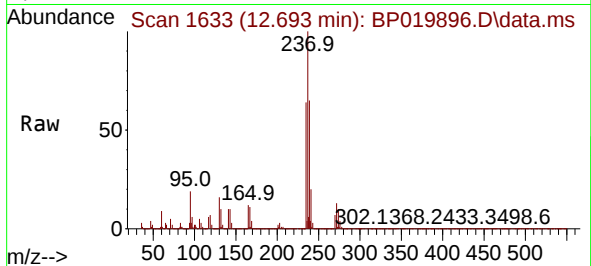
108 18.4 13.2 19.8





#41  
Hexachlorocyclopentadiene  
Concen: 97.969 ng  
RT: 12.693 min Scan# 1633  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

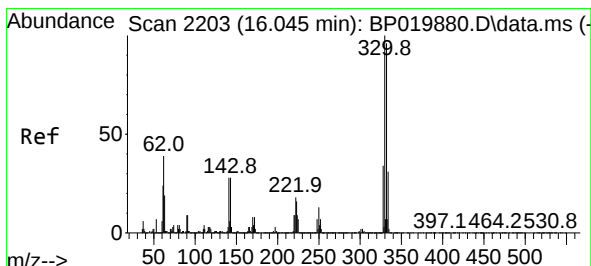
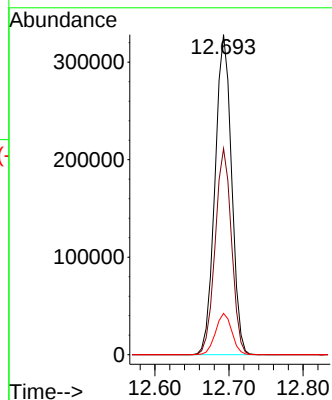
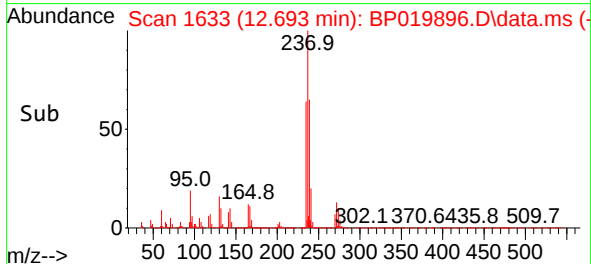
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



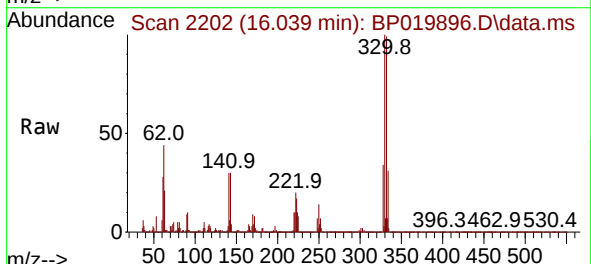
Tgt Ion: 237 Resp: 509210  
Ion Ratio Lower Upper  
237 100  
235 64.4 41.5 81.5  
272 12.9 0.0 32.5

Manual Integrations  
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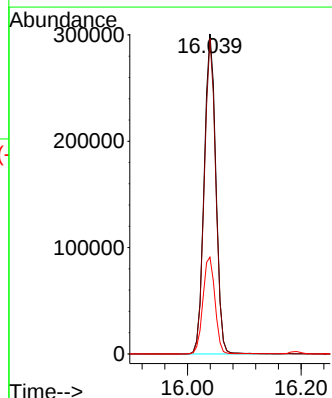
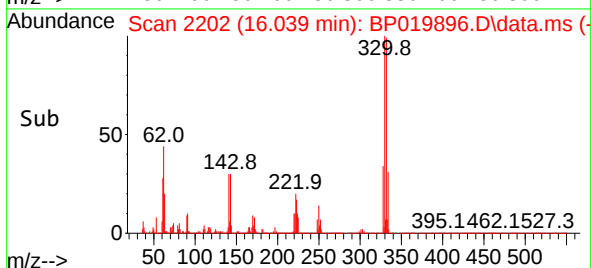
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

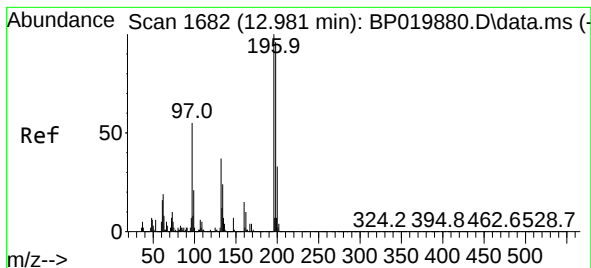


#42  
2,4,6-Tribromophenol  
Concen: 85.050 ng  
RT: 16.039 min Scan# 2202  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion: 330 Resp: 428552  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.4 116.2  
141 31.2 24.6 37.0





#43

2,4,6-Trichlorophenol

Concen: 44.222 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:196 Resp: 293099

Ion Ratio Lower Upper

196 100

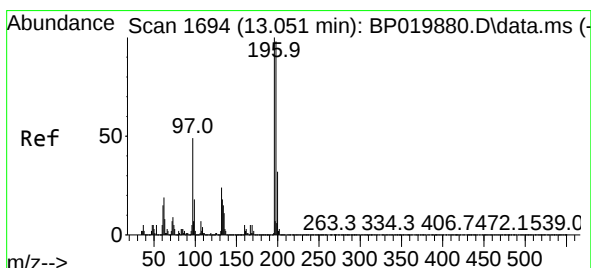
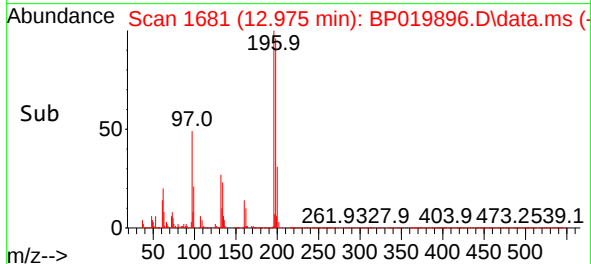
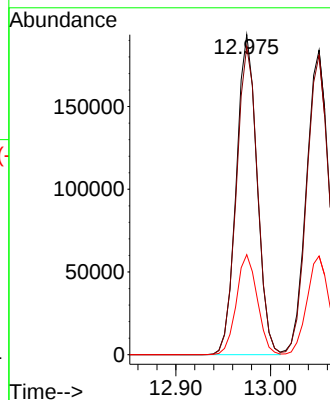
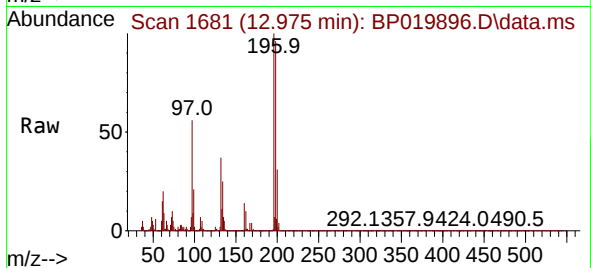
198 96.3 76.5 114.7

200 31.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#44

2,4,5-Trichlorophenol

Concen: 39.204 ng

RT: 13.051 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Tgt Ion:196 Resp: 309524

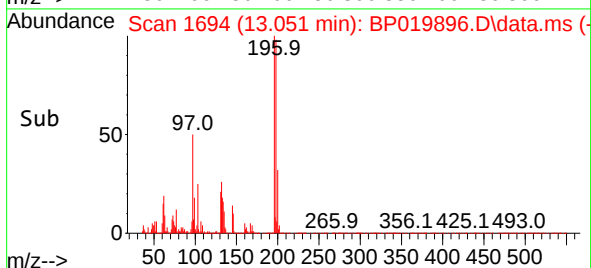
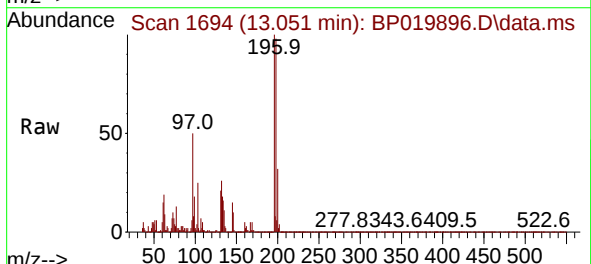
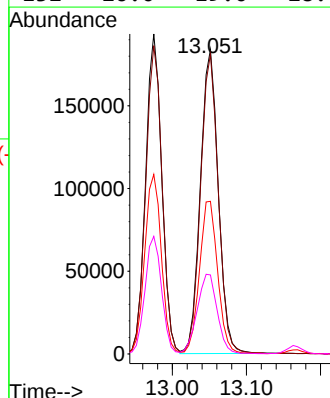
Ion Ratio Lower Upper

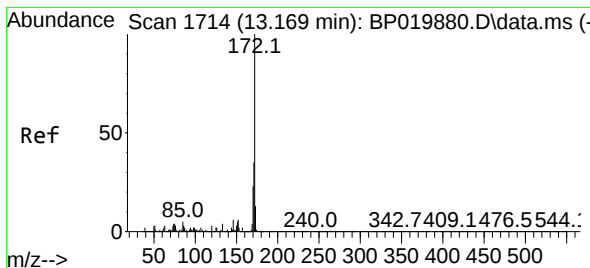
196 100

198 98.4 78.2 117.4

97 50.1 39.4 59.2

132 26.0 19.0 28.6





#45  
2-Fluorobiphenyl  
Concen: 71.753 ng  
RT: 13.163 min Scan# 1714  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

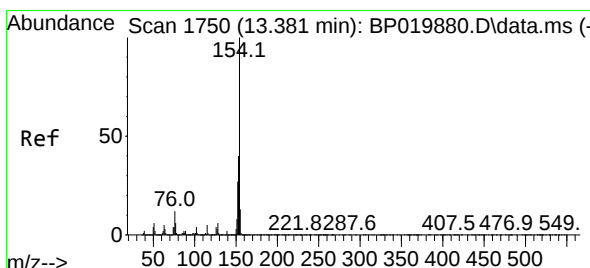
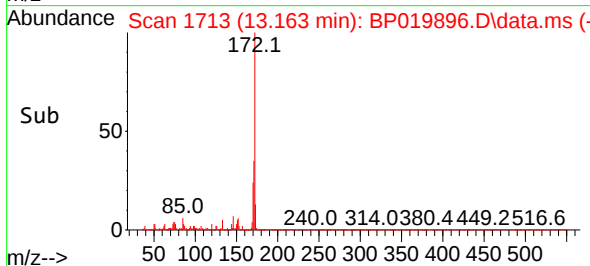
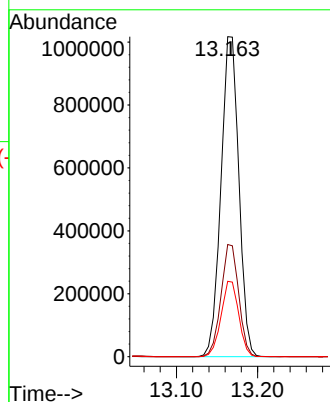
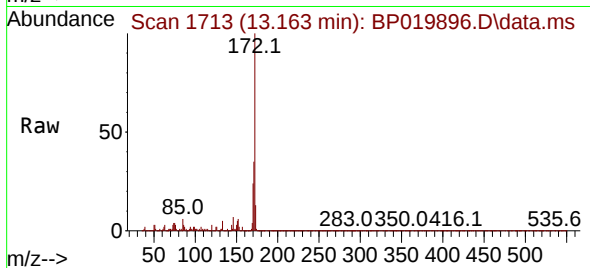
VNJ-232MSD

Tgt Ion:172 Resp: 156063  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.6  
170 23.6 18.4 27.6

Manual Integrations

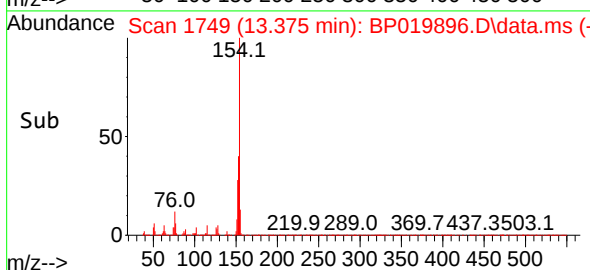
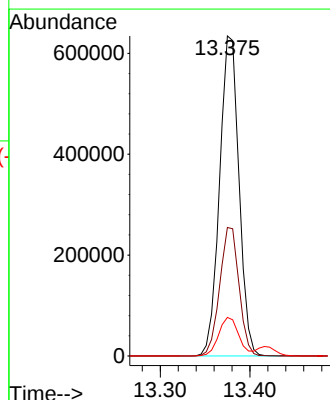
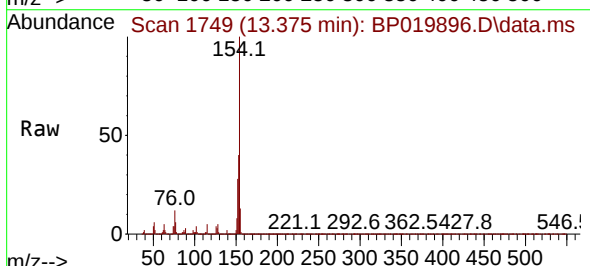
APPROVED

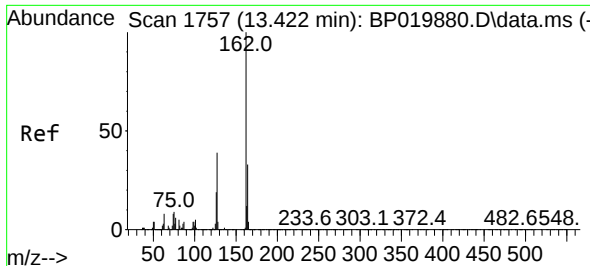
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#46  
1,1'-Biphenyl  
Concen: 45.240 ng  
RT: 13.375 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

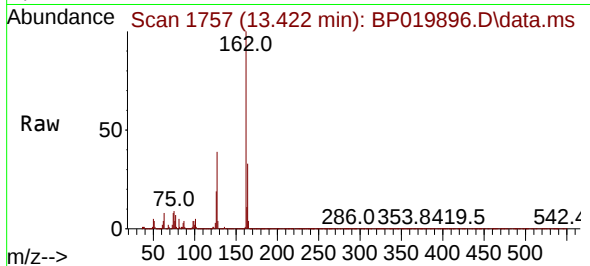
Tgt Ion:154 Resp: 951903  
Ion Ratio Lower Upper  
154 100  
153 40.2 19.8 59.8  
76 12.0 0.0 31.8





#47  
2-Chloronaphthalene  
Concen: 45.873 ng  
RT: 13.422 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

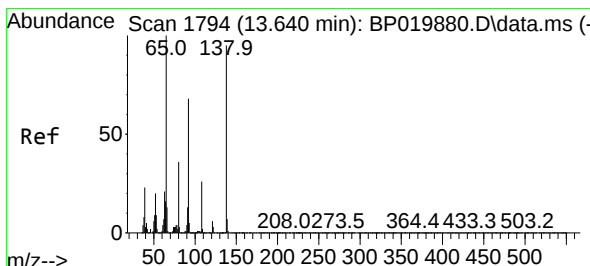
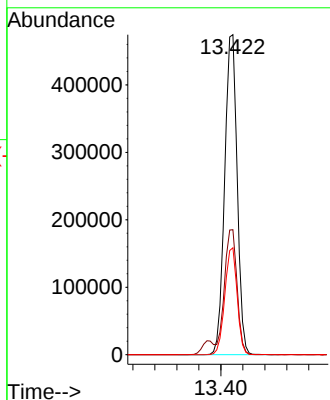
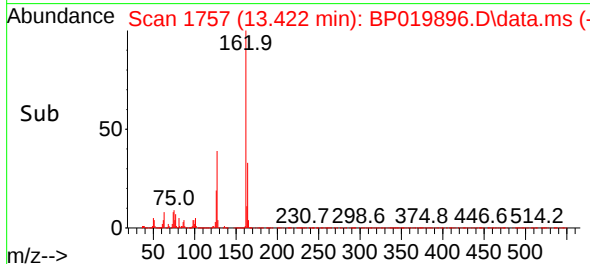
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



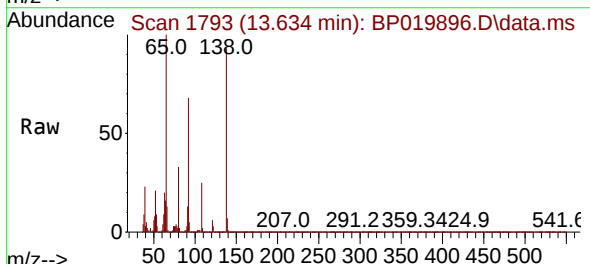
Tgt Ion:162 Resp: 74918  
Ion Ratio Lower Upper  
162 100  
127 39.0 31.4 47.2  
164 33.4 26.2 39.4

Manual Integrations  
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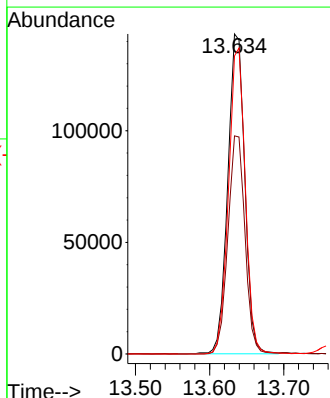
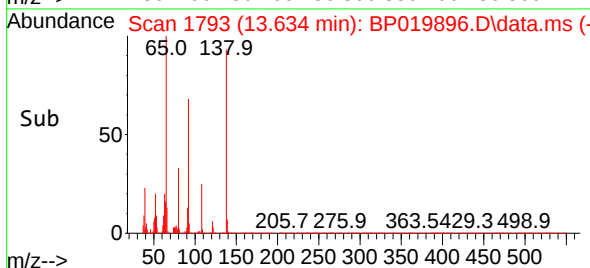
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

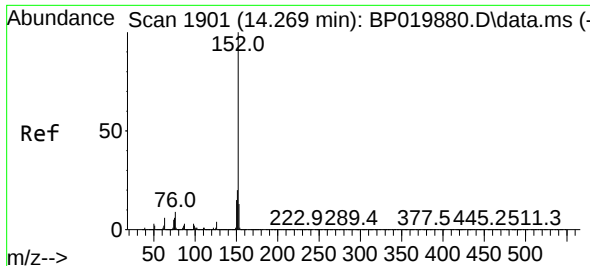


#48  
2-Nitroaniline  
Concen: 38.679 ng  
RT: 13.634 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



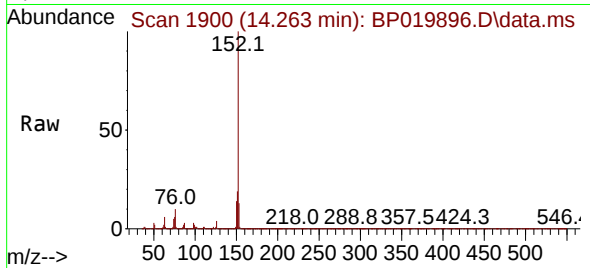
Tgt Ion: 65 Resp: 228308  
Ion Ratio Lower Upper  
65 100  
92 68.1 54.3 81.5  
138 93.2 75.7 113.5





#49  
Acenaphthylene  
Concen: 43.868 ng  
RT: 14.263 min Scan# 1900  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

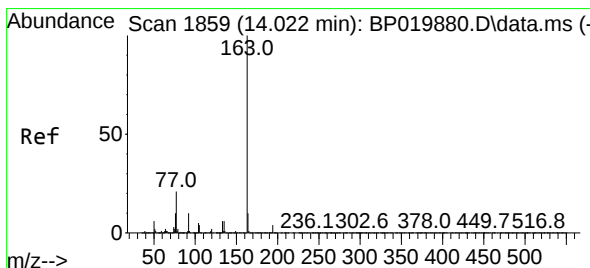
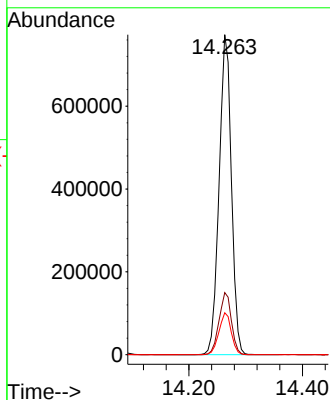
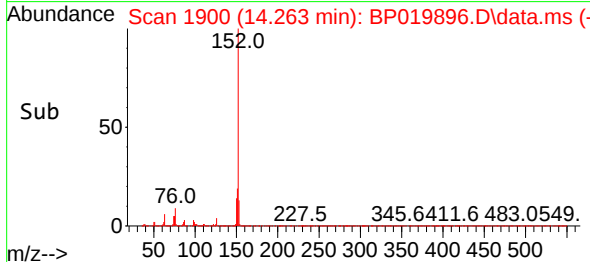
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



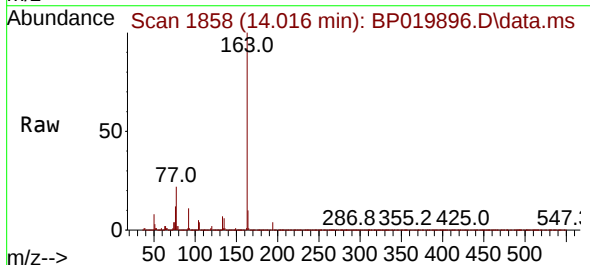
Tgt Ion:152 Resp: 1160729  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.9 23.9  
153 13.1 10.4 15.6

Manual Integrations  
APPROVED

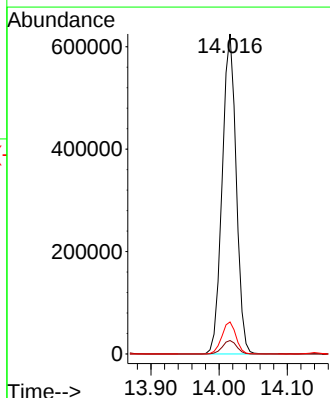
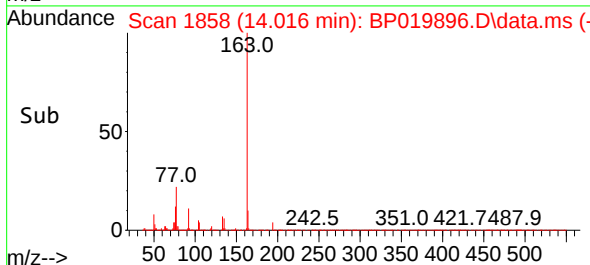
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

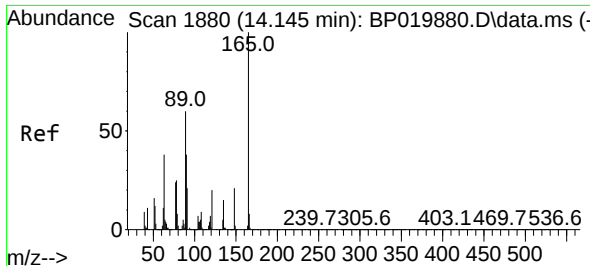


#50  
Dimethylphthalate  
Concen: 37.270 ng  
RT: 14.016 min Scan# 1858  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion:163 Resp: 894091  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.0 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 37.662 ng  
RT: 14.140 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

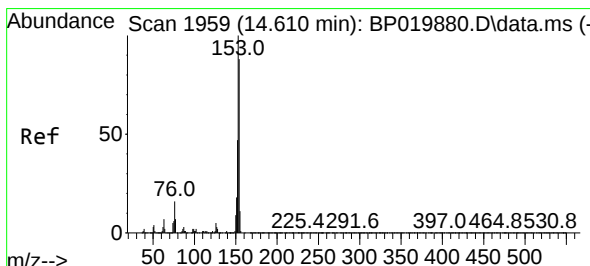
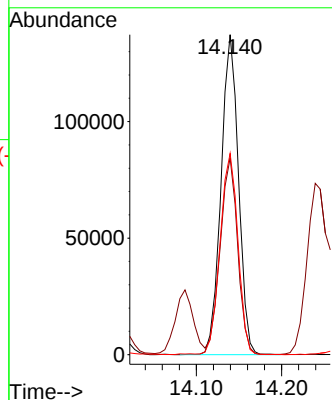
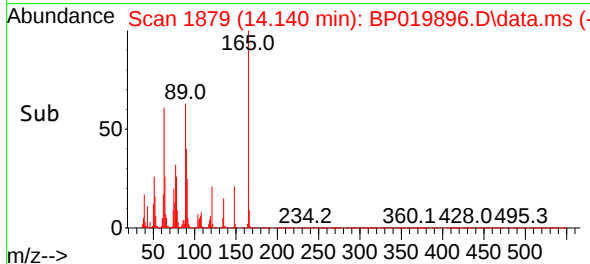
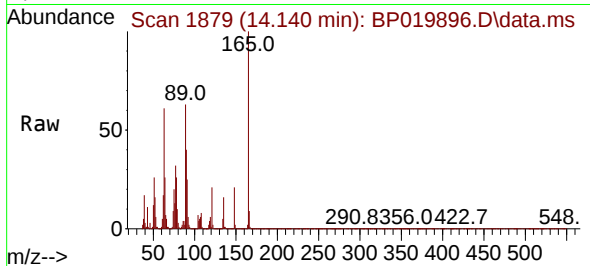
ClientSampleId :

VNJ-232MSD

Tgt Ion:165 Resp: 19445  
Ion Ratio Lower Upper  
165 100  
63 61.5 46.9 70.3  
89 62.9 48.3 72.5

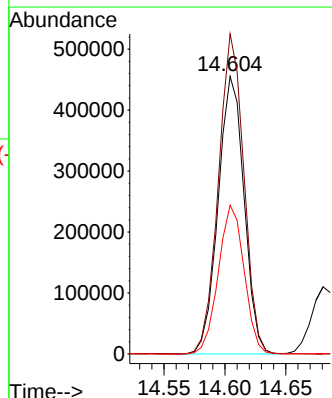
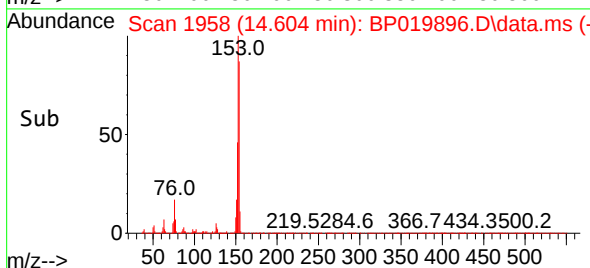
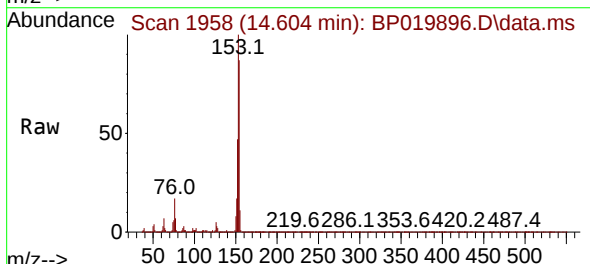
Manual Integrations  
APPROVED

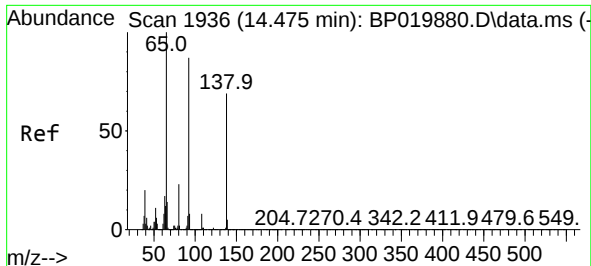
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#52  
Acenaphthene  
Concen: 42.394 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

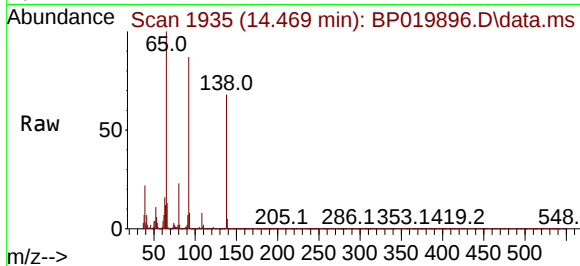
Tgt Ion:154 Resp: 673519  
Ion Ratio Lower Upper  
154 100  
153 115.3 90.9 136.3  
152 53.6 42.3 63.5





#53  
3-Nitroaniline  
Concen: 23.428 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

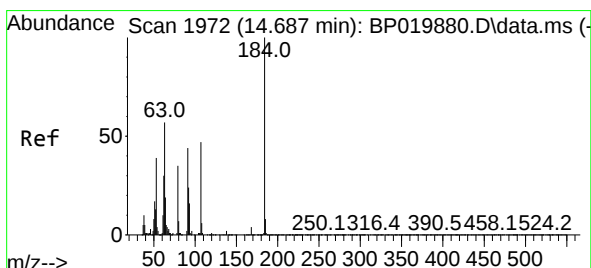
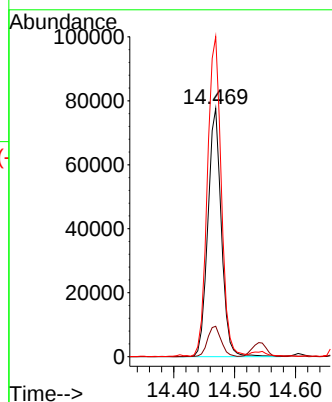
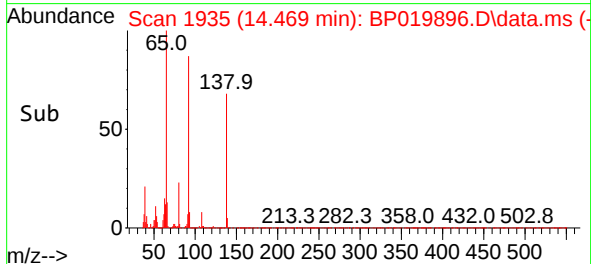
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



Tgt Ion:138 Resp: 119738  
Ion Ratio Lower Upper  
138 100  
108 12.2 9.2 13.8  
92 128.9 100.3 150.5

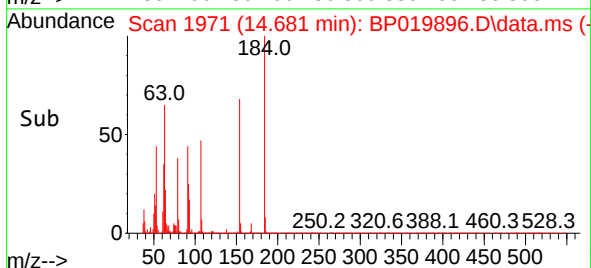
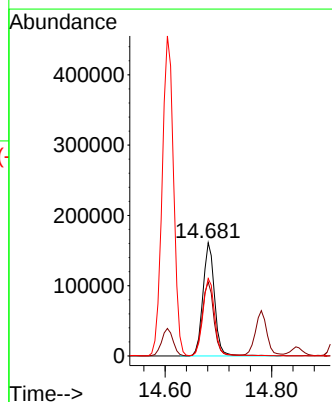
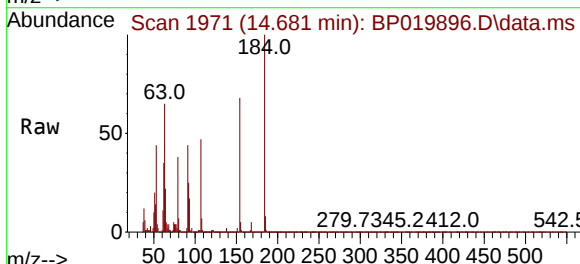
Manual Integrations  
APPROVED

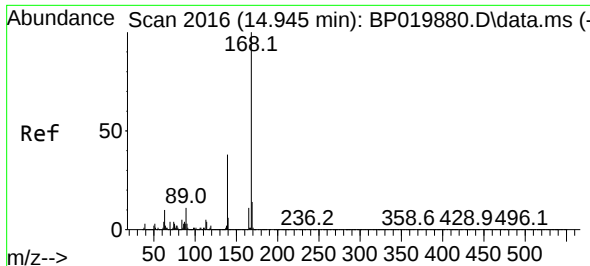
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#54  
2,4-Dinitrophenol  
Concen: 72.722 ng  
RT: 14.681 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

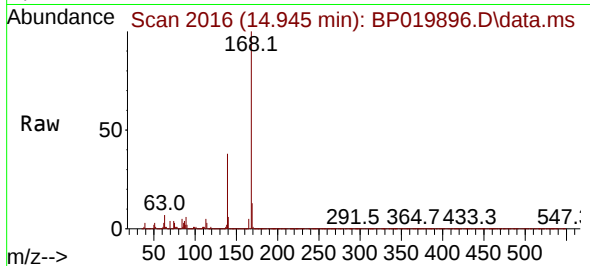
Tgt Ion:184 Resp: 244750  
Ion Ratio Lower Upper  
184 100  
63 65.2 49.6 74.4  
154 68.4 54.6 82.0





#55  
Dibenzenofuran  
Concen: 40.957 ng  
RT: 14.945 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

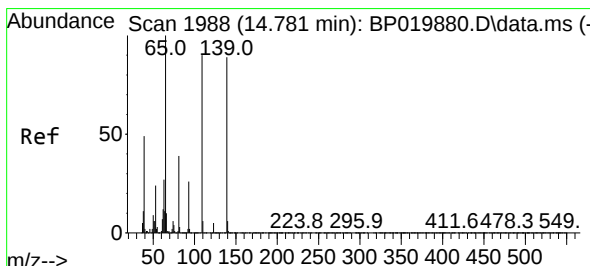
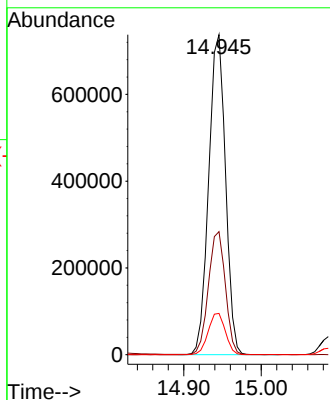
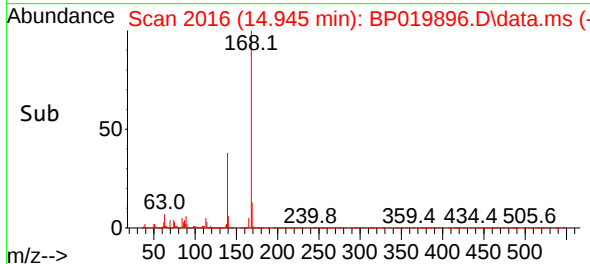
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



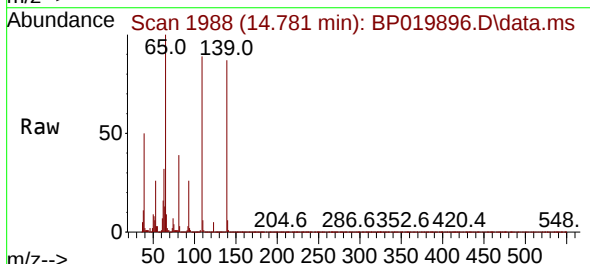
Tgt Ion:168 Resp: 111049  
Ion Ratio Lower Upper  
168 100  
139 38.5 30.6 45.8  
169 12.9 10.9 16.3

Manual Integrations  
APPROVED

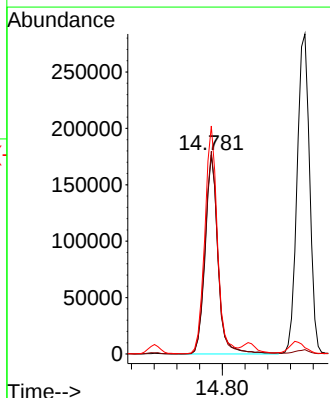
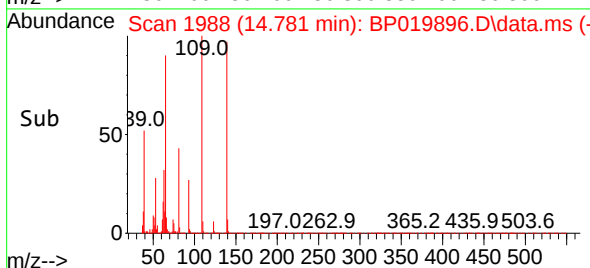
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

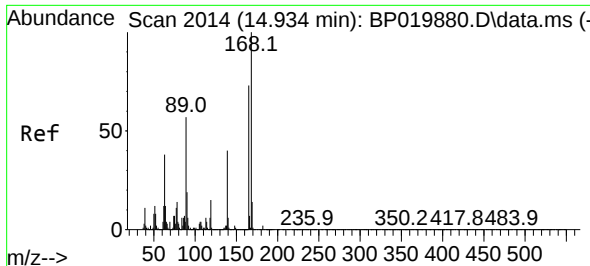


#56  
4-Nitrophenol  
Concen: 68.694 ng  
RT: 14.781 min Scan# 1988  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion:139 Resp: 274635  
Ion Ratio Lower Upper  
139 100  
109 101.8 81.3 121.3  
65 114.5 93.5 133.5





#57  
2,4-Dinitrotoluene  
Concen: 35.052 ng  
RT: 14.928 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

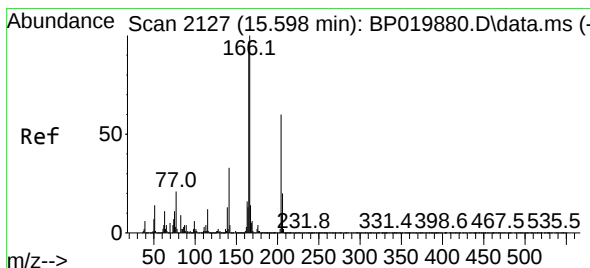
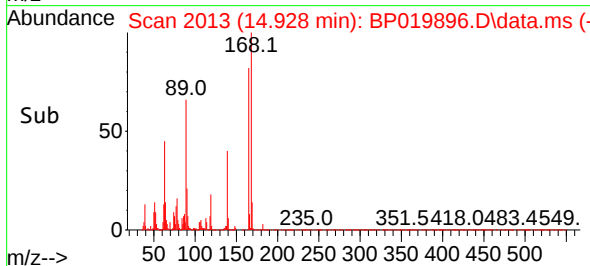
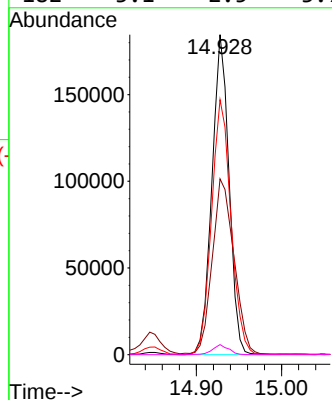
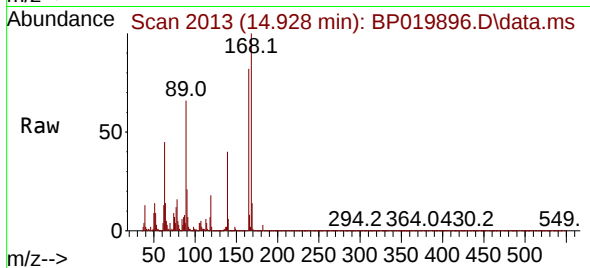
VNJ-232MSD

Tgt Ion:165 Resp: 257562  
Ion Ratio Lower Upper  
165 100  
63 54.9 41.4 62.0  
89 79.7 62.1 93.1  
182 3.1 2.5 3.7

Manual Integrations

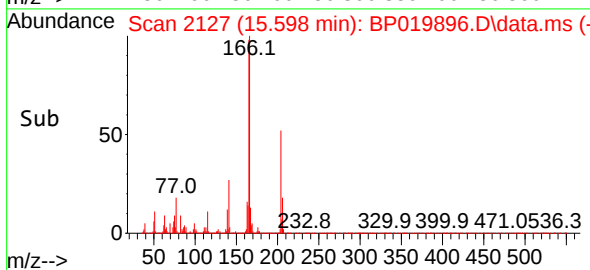
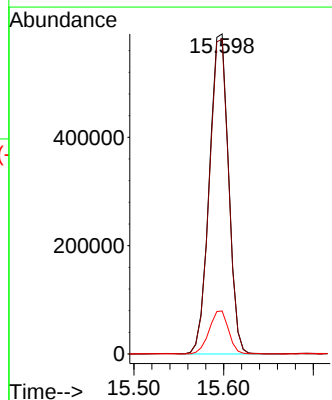
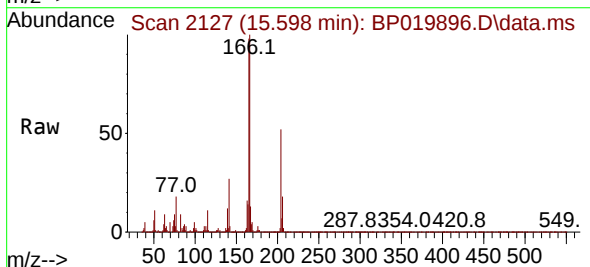
APPROVED

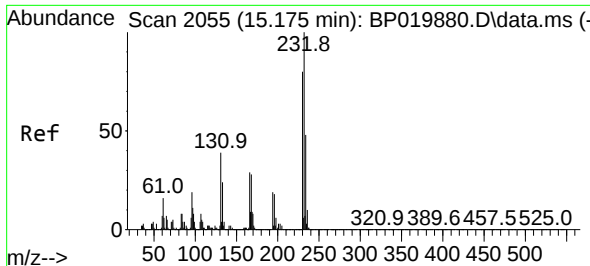
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#58  
Fluorene  
Concen: 39.919 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:166 Resp: 877820  
Ion Ratio Lower Upper  
166 100  
165 98.3 77.8 116.6  
167 13.4 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.820 ng  
RT: 15.169 min Scan# 2054  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

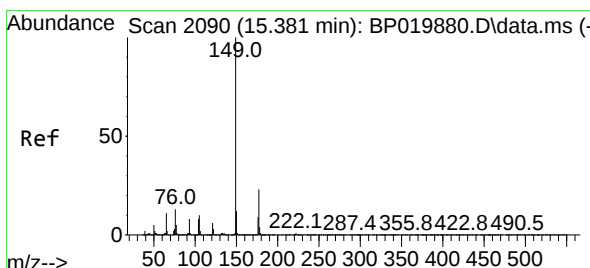
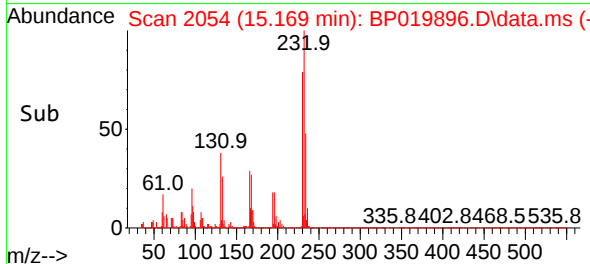
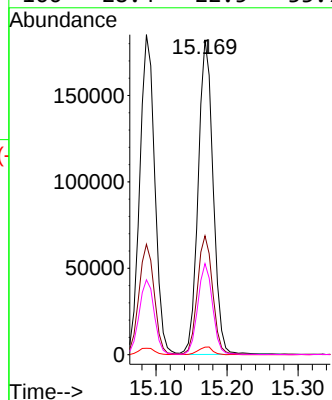
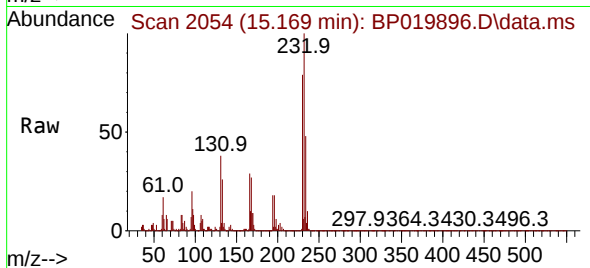
VNJ-232MSD

Tgt Ion:232 Resp: 26671  
Ion Ratio Lower Upper  
232 100  
131 38.4 30.7 46.1  
130 2.4 1.8 2.6  
166 28.4 22.5 33.7

Manual Integrations

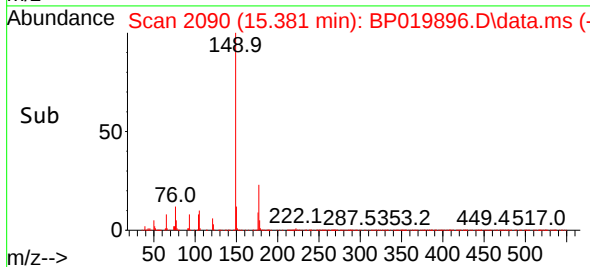
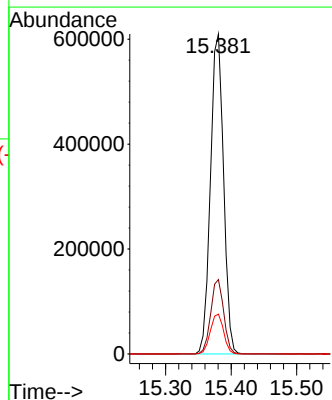
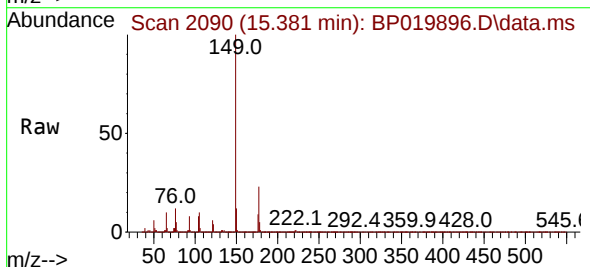
APPROVED

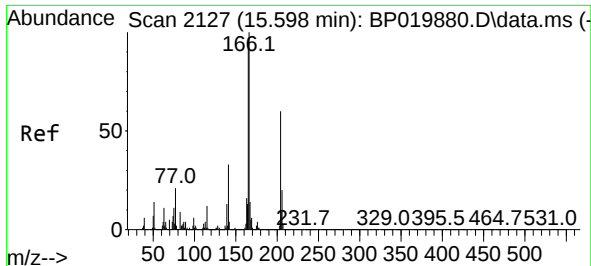
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#60  
Diethylphthalate  
Concen: 35.727 ng  
RT: 15.381 min Scan# 2090  
Delta R.T. -0.000 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

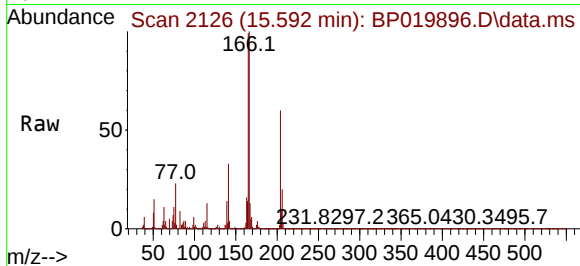
Tgt Ion:149 Resp: 846731  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.4 27.6  
150 12.5 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 38.180 ng  
RT: 15.592 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

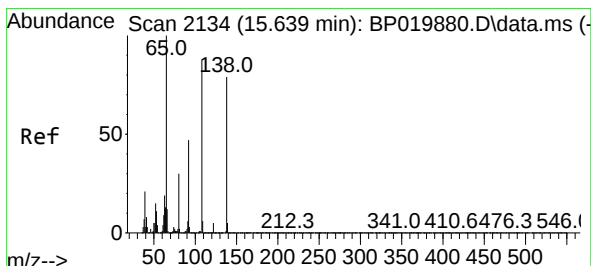
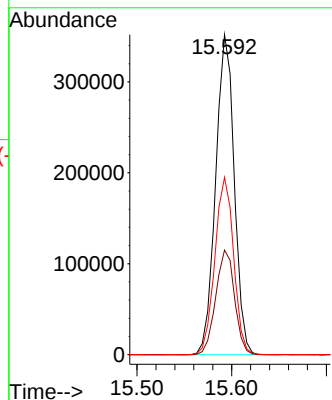
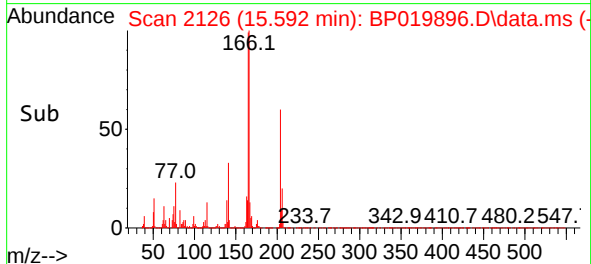
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



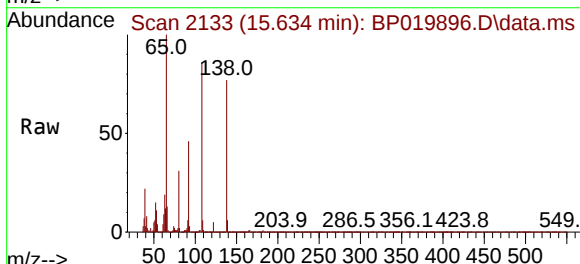
Tgt Ion:204 Resp: 48015  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 39.8  
141 55.4 44.2 66.4

Manual Integrations  
APPROVED

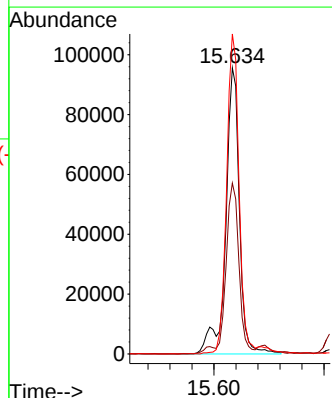
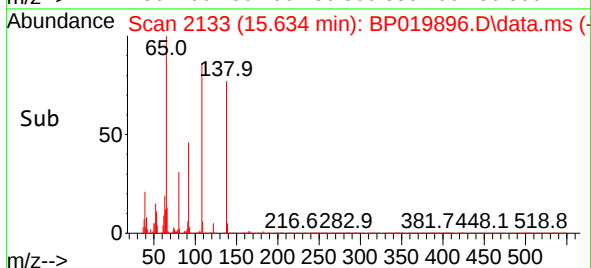
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

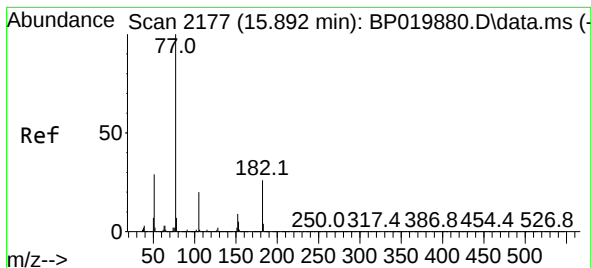


#62  
4-Nitroaniline  
Concen: 30.887 ng m  
RT: 15.634 min Scan# 2133  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion:138 Resp: 164419  
Ion Ratio Lower Upper  
138 100  
92 59.7 39.5 79.5  
108 111.9 90.7 130.7





#63

Azobenzene

Concen: 39.177 ng

RT: 15.886 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion: 77 Resp: 864374

Ion Ratio Lower Upper

77 100

182 25.3 6.3 46.3

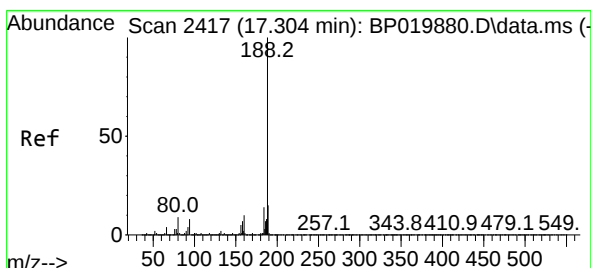
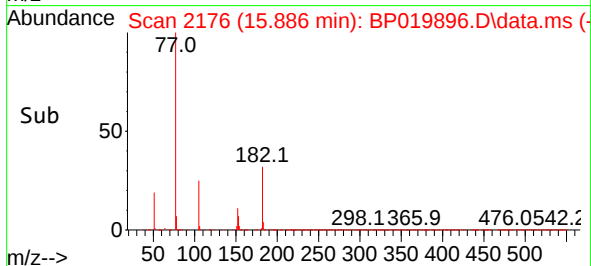
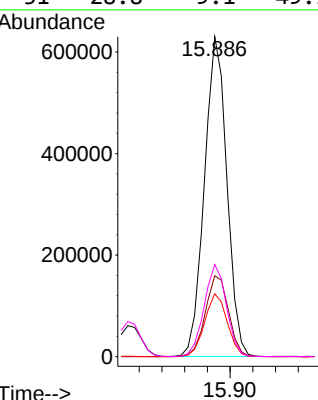
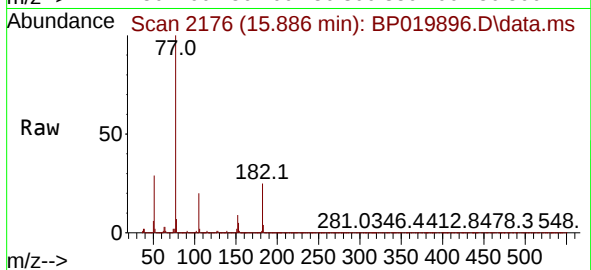
105 19.6 0.0 40.0

51 28.8 9.1 49.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

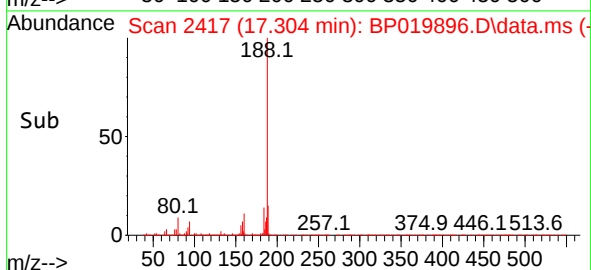
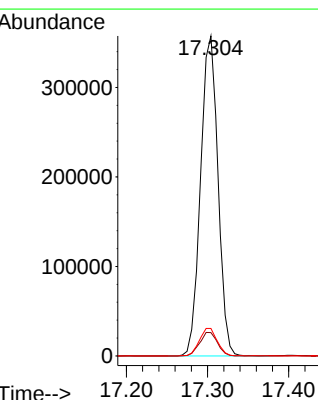
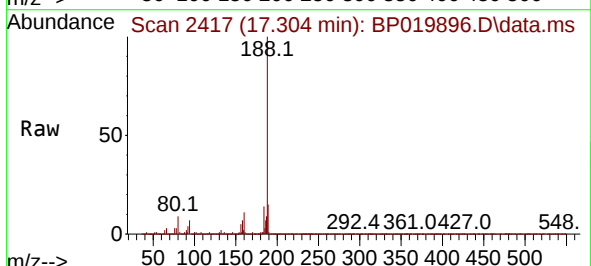
Tgt Ion:188 Resp: 532091

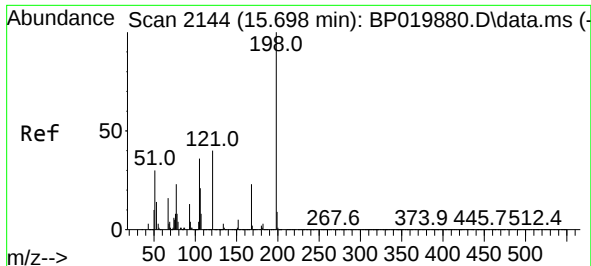
Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

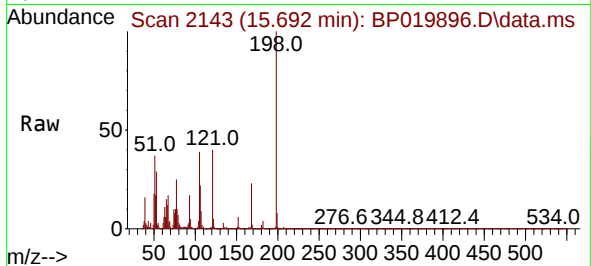
80 8.6 7.0 10.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.314 ng  
RT: 15.692 min Scan# 2143  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

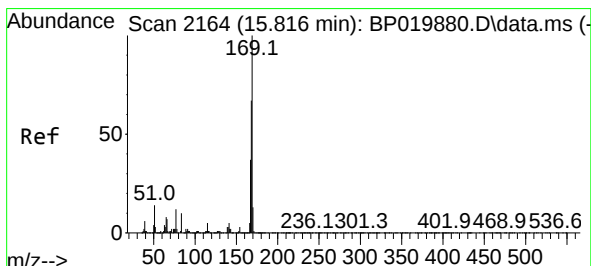
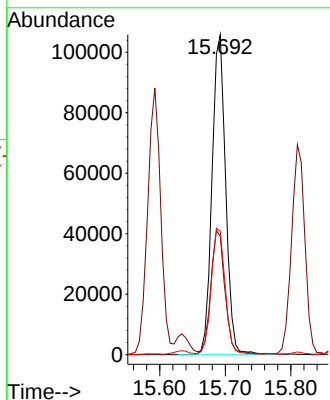
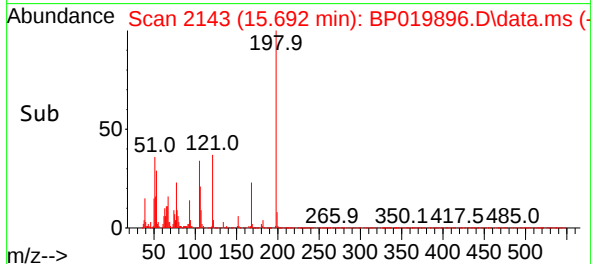
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



Tgt Ion:198 Resp: 152819  
Ion Ratio Lower Upper  
198 100  
51 37.1 16.3 56.3  
105 38.6 17.8 57.8

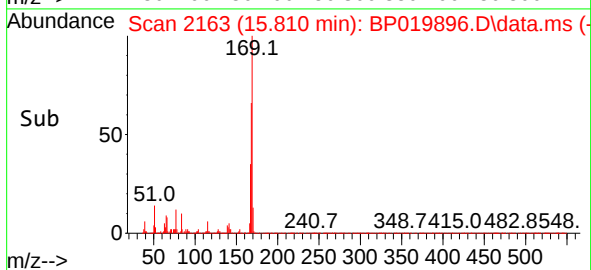
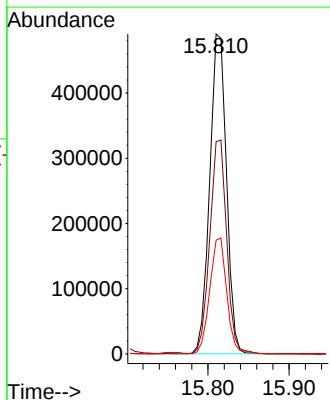
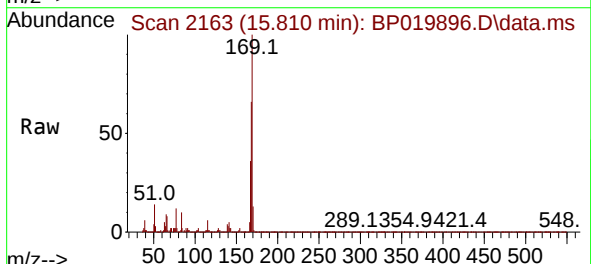
Manual Integrations  
APPROVED

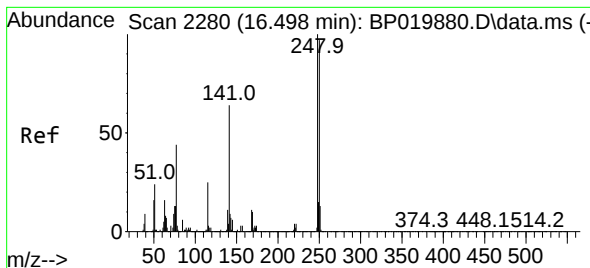
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#66  
n-Nitrosodiphenylamine  
Concen: 46.024 ng  
RT: 15.810 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

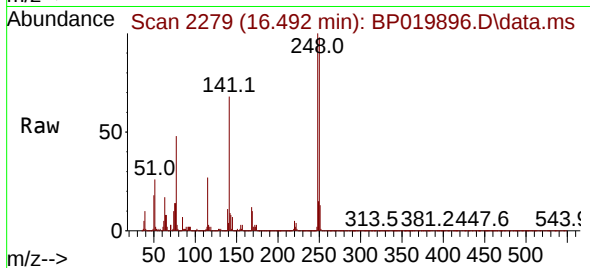
Tgt Ion:169 Resp: 702697  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.6 80.4  
167 35.5 29.4 44.0





#67  
4-Bromophenyl-phenylether  
Concen: 45.617 ng  
RT: 16.492 min Scan# 2280  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

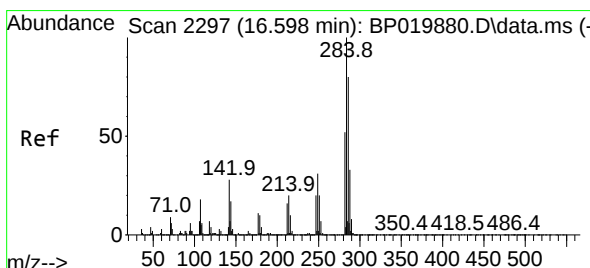
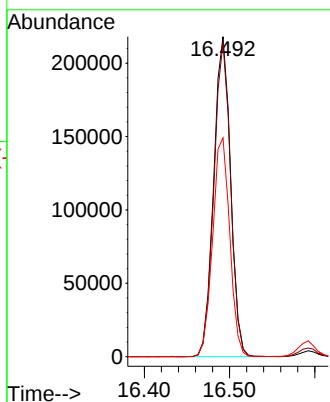
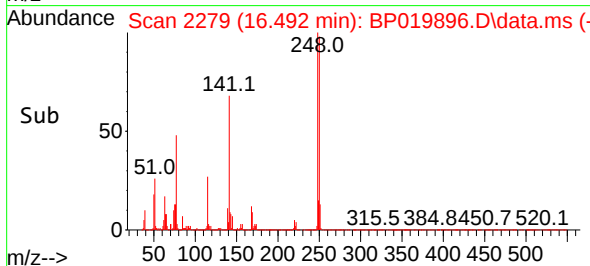
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



Tgt Ion:248 Resp: 300124  
Ion Ratio Lower Upper  
248 100  
250 98.1 78.0 117.0  
141 68.3 51.6 77.4

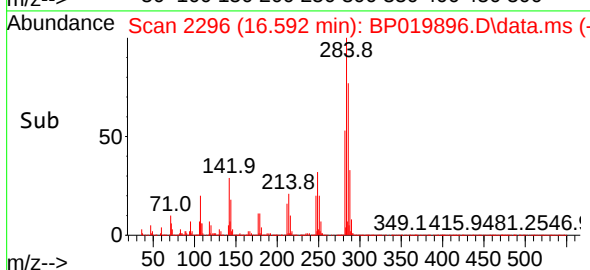
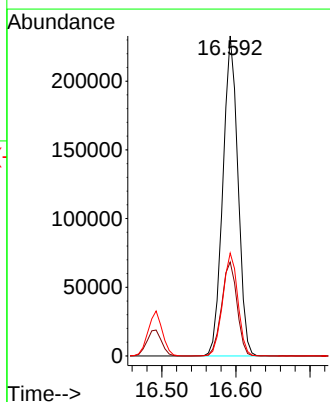
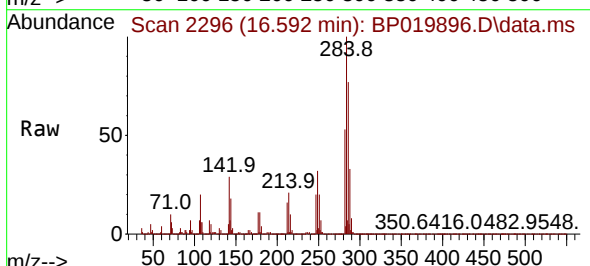
Manual Integrations  
APPROVED

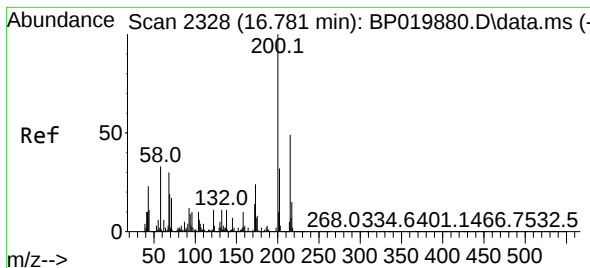
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#68  
Hexachlorobenzene  
Concen: 46.325 ng  
RT: 16.592 min Scan# 2296  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:284 Resp: 328693  
Ion Ratio Lower Upper  
284 100  
142 29.3 22.6 33.8  
249 32.2 25.2 37.8





#69

Atrazine

Concen: 39.060 ng

RT: 16.781 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:200 Resp: 249530

Ion Ratio Lower Upper

200 100

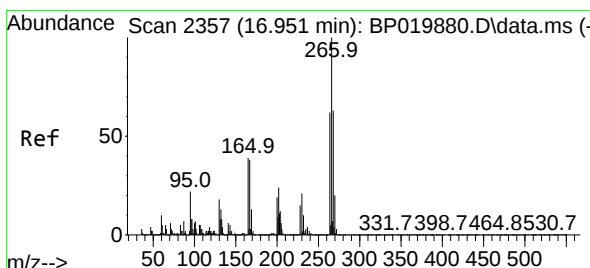
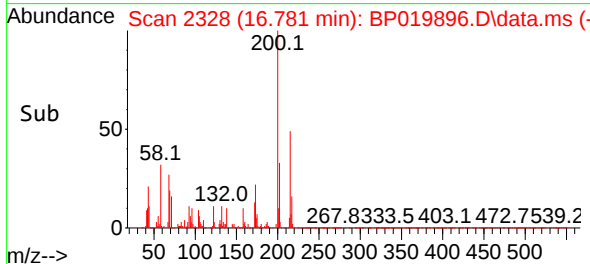
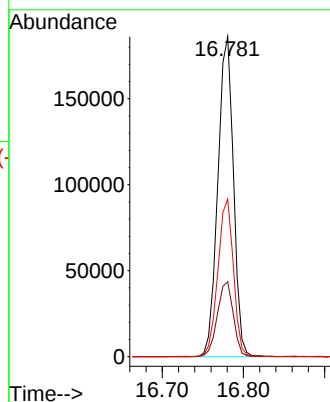
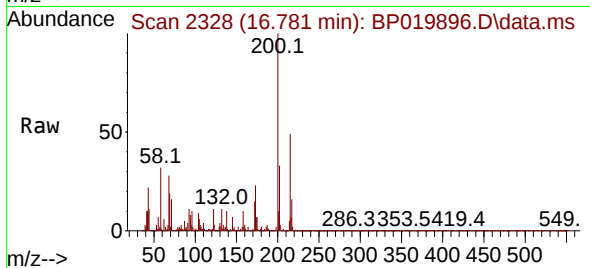
173 23.4 4.1 44.1

215 49.3 29.1 69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#70

Pentachlorophenol

Concen: 73.759 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

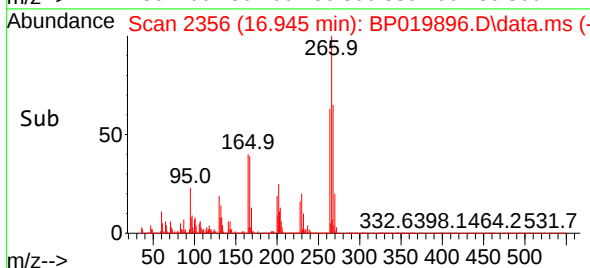
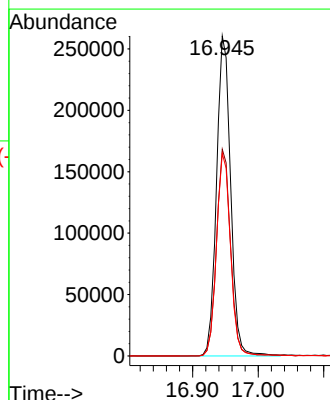
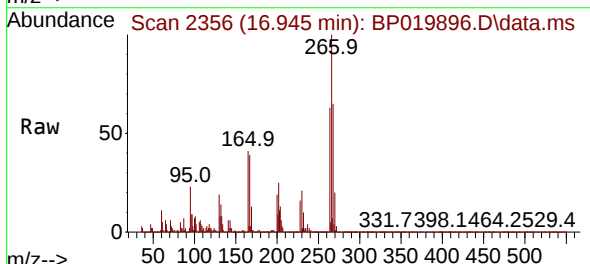
Tgt Ion:266 Resp: 386833

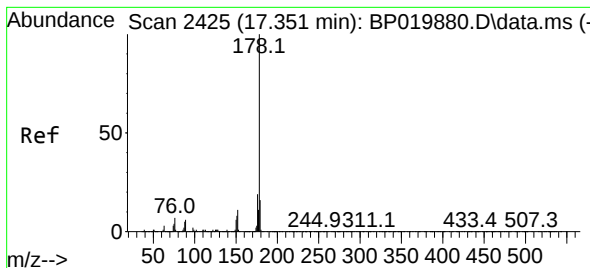
Ion Ratio Lower Upper

266 100

268 64.6 50.6 76.0

264 63.3 49.7 74.5





#71

Phenanthrene

Concen: 48.853 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:178 Resp: 1387479

Ion Ratio Lower Upper

178 100

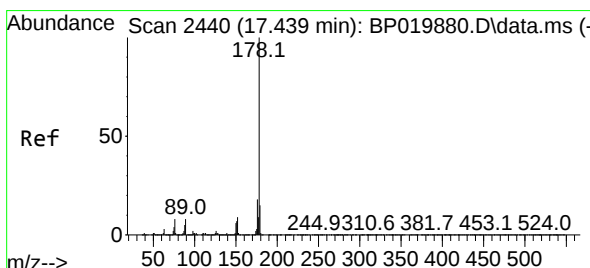
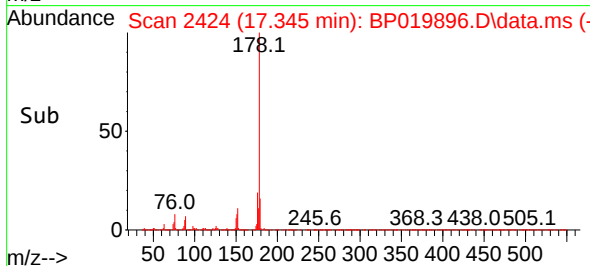
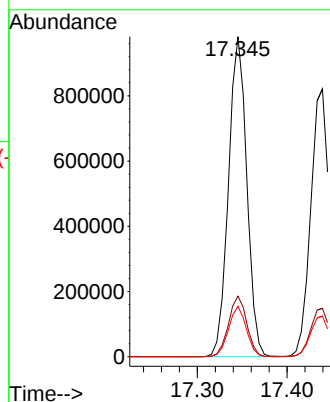
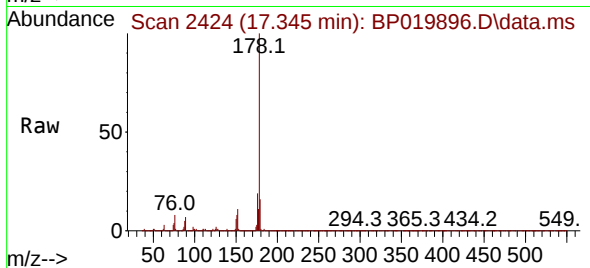
176 18.9 15.2 22.8

179 15.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#72

Anthracene

Concen: 41.115 ng

RT: 17.439 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

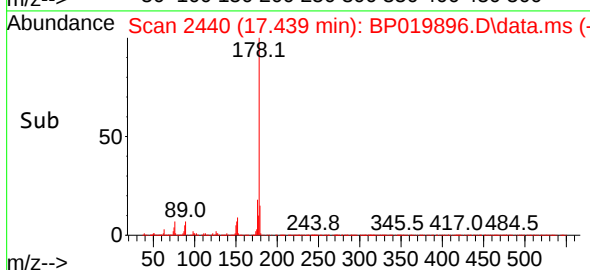
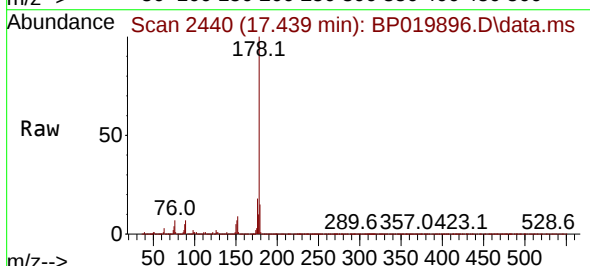
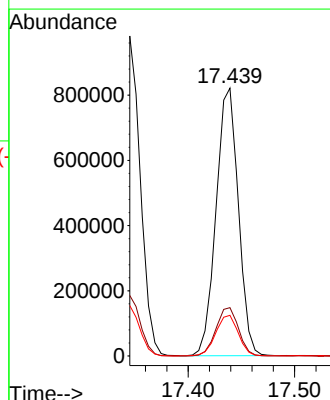
Tgt Ion:178 Resp: 1192044

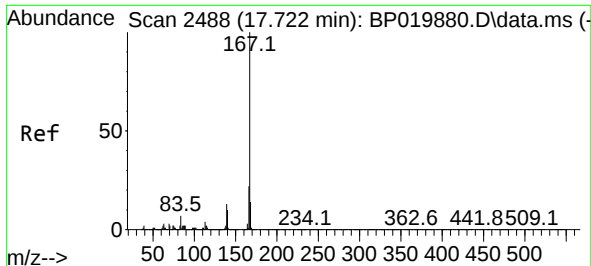
Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 15.2 12.2 18.4





#73  
 Carbazole  
 Concen: 37.731 ng  
 RT: 17.716 min Scan# 2488  
 Delta R.T. -0.006 min  
 Lab File: BP019896.D  
 Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

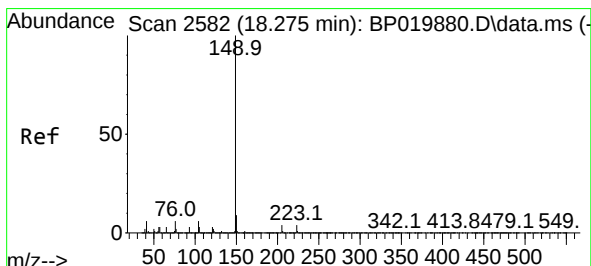
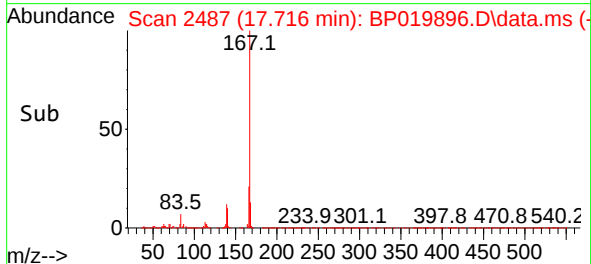
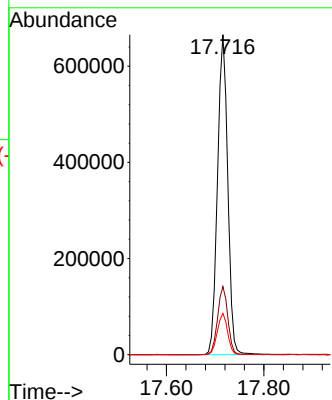
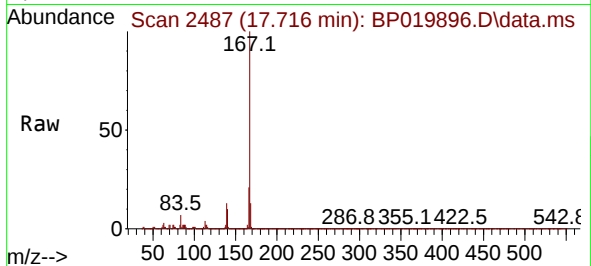
VNJ-232MSD

Tgt Ion:167 Resp: 968858  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.3 25.9  
 139 12.9 10.5 15.7

Manual Integrations

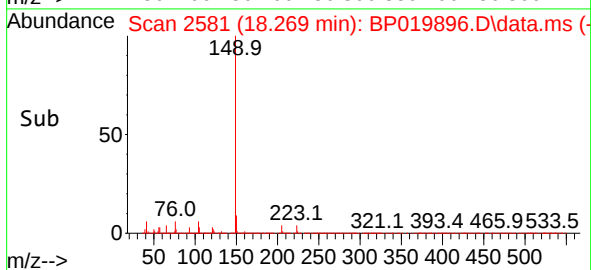
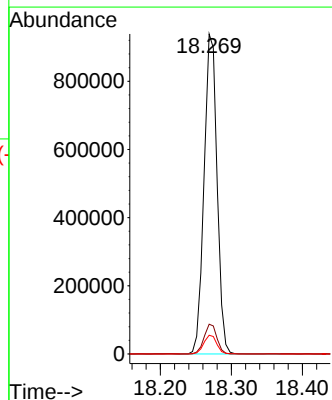
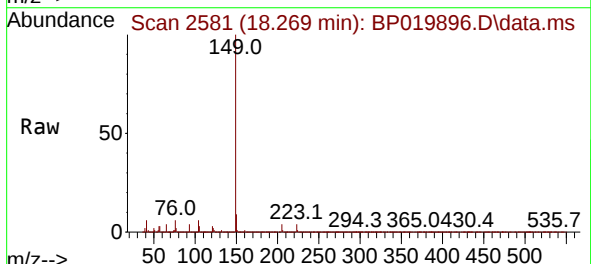
APPROVED

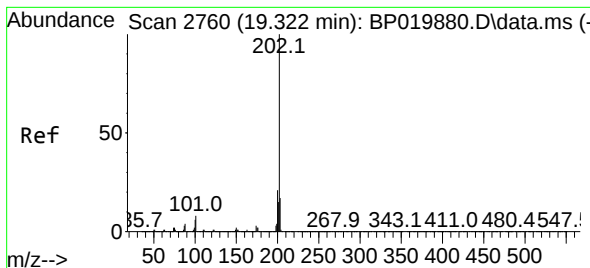
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



#74  
 Di-n-butylphthalate  
 Concen: 37.288 ng  
 RT: 18.269 min Scan# 2581  
 Delta R.T. -0.006 min  
 Lab File: BP019896.D  
 Acq: 27 Feb 2024 14:53

Tgt Ion:149 Resp: 1197501  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.3 10.9  
 104 5.9 4.6 7.0





#75

Fluoranthene

Concen: 37.914 ng

RT: 19.316 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:202 Resp: 139747

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.7

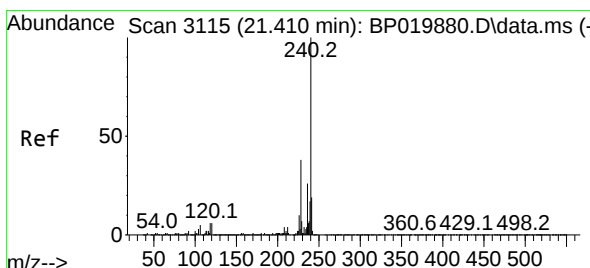
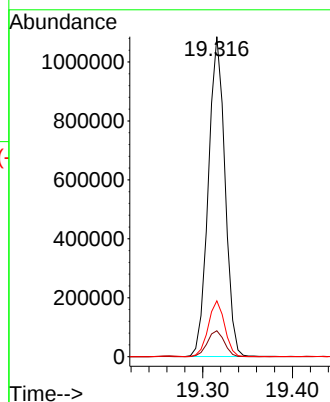
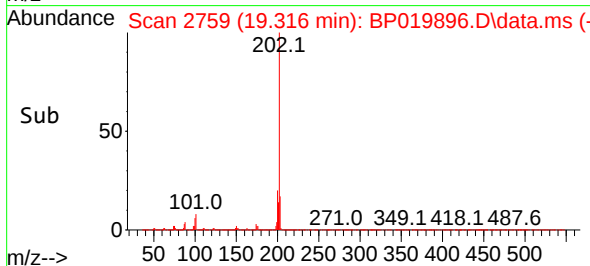
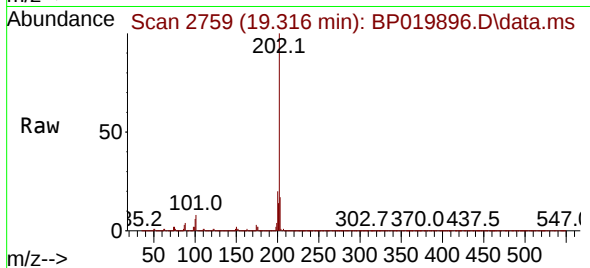
203 17.5 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024

Supervised By :mohammad ahmed 02/29/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

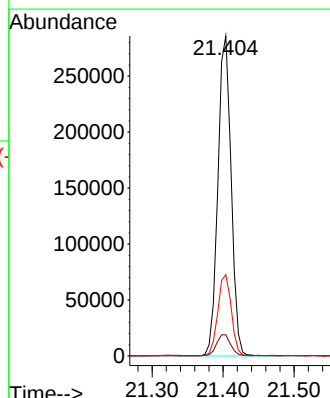
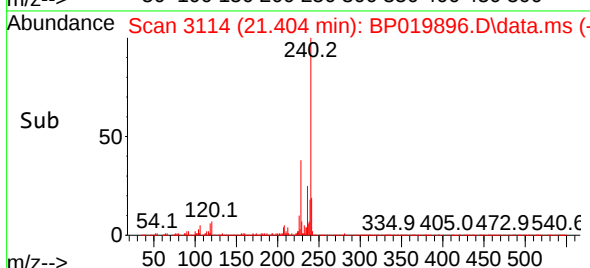
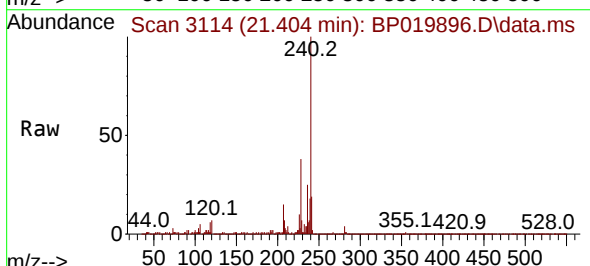
Tgt Ion:240 Resp: 368289

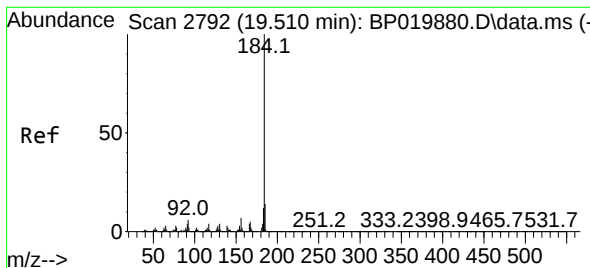
Ion Ratio Lower Upper

240 100

120 6.6 5.1 7.7

236 25.4 20.5 30.7





#77

Benzidine

Concen: 43.074 ng

RT: 19.510 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

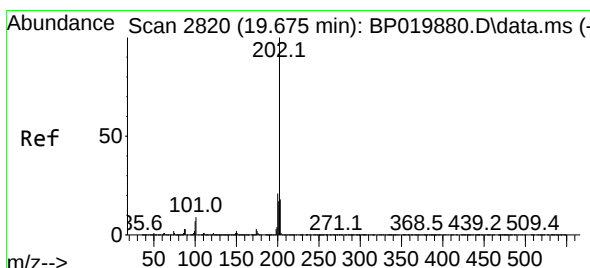
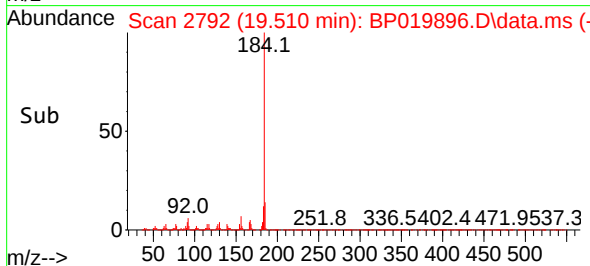
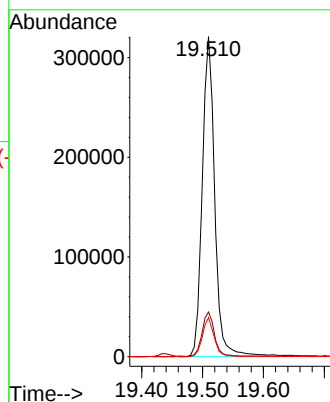
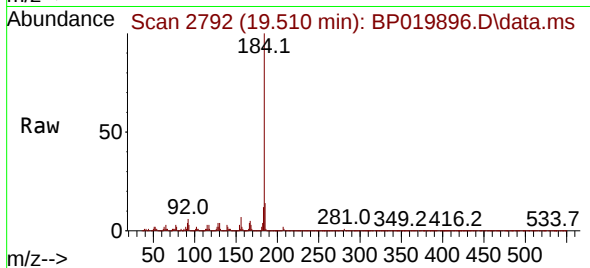
VNJ-232MSD

|             |             |
|-------------|-------------|
| Tgt Ion:184 | Resp: 45568 |
| Ion Ratio   | Lower Upper |
| 184 100     |             |
| 185 14.0    | 11.2 16.8   |
| 183 12.2    | 9.3 13.9    |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#78

Pyrene

Concen: 51.891 ng

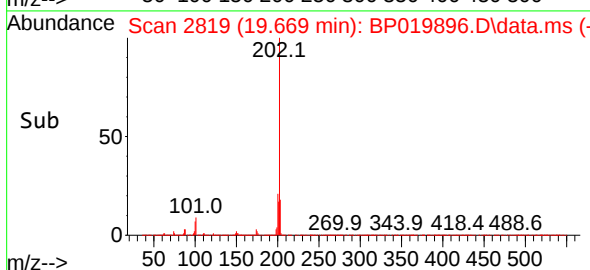
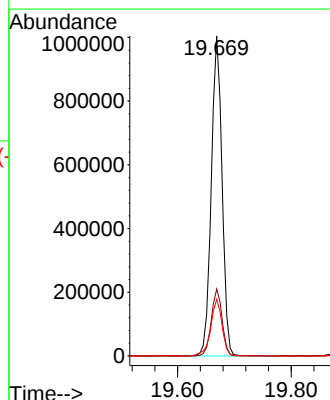
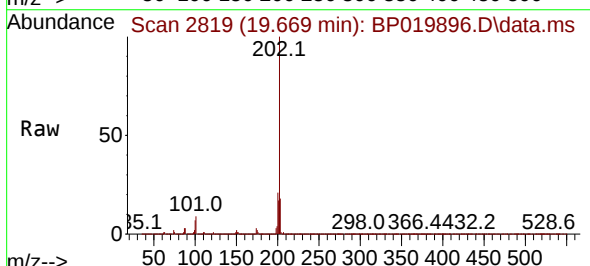
RT: 19.669 min Scan# 2819

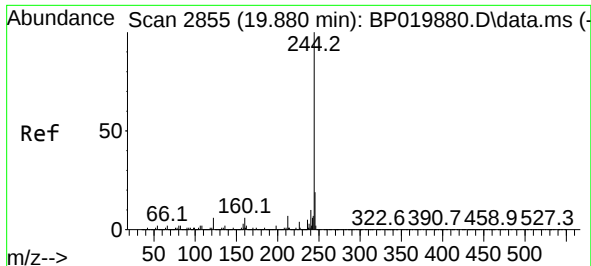
Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

|             |               |
|-------------|---------------|
| Tgt Ion:202 | Resp: 1313034 |
| Ion Ratio   | Lower Upper   |
| 202 100     |               |
| 200 20.9    | 16.7 25.1     |
| 203 17.7    | 14.2 21.2     |





#79  
 Terphenyl-d14  
 Concen: 71.125 ng  
 RT: 19.869 min Scan# 2853  
 Delta R.T. -0.012 min  
 Lab File: BP019896.D  
 Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

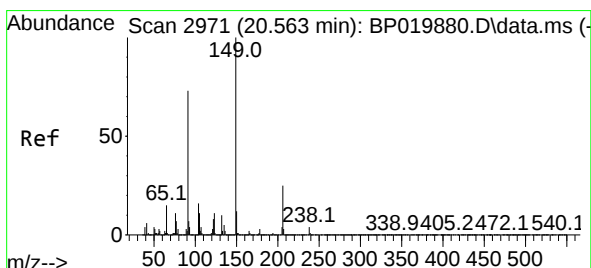
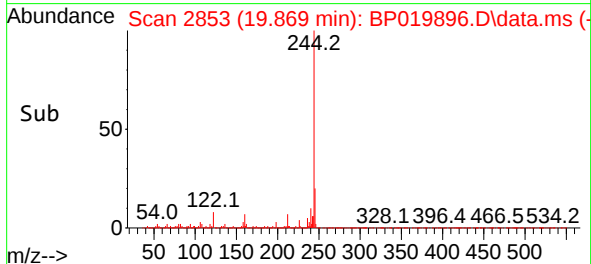
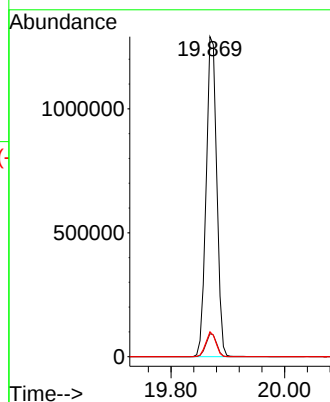
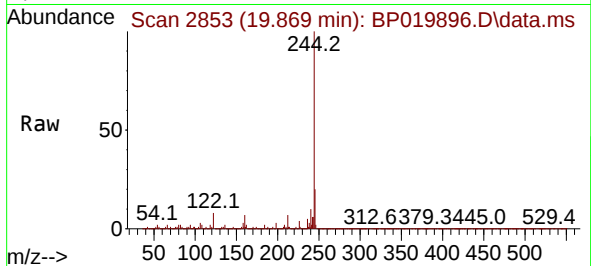
VNJ-232MSD

Tgt Ion:244 Resp: 1661928  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.8  
 122 7.8 5.0 7.6

Manual Integrations

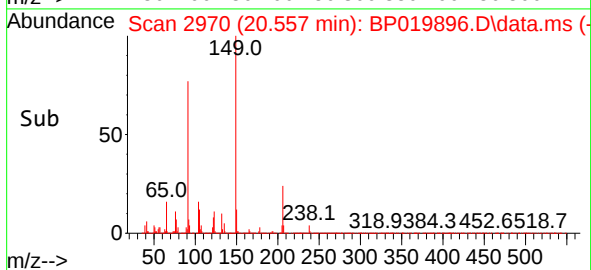
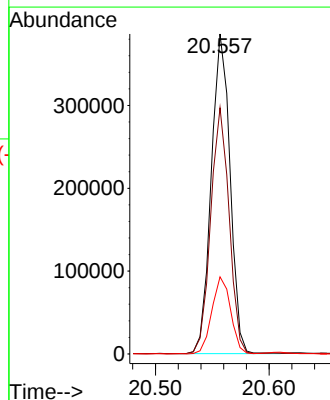
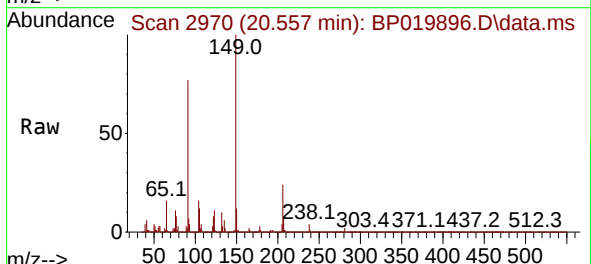
APPROVED

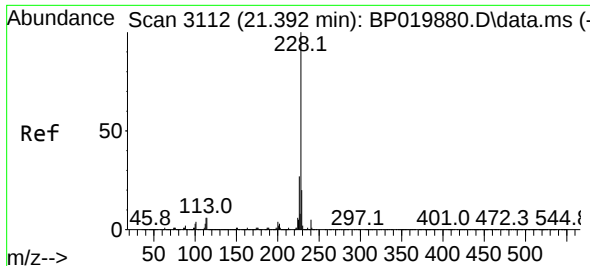
Reviewed By :Jagrut Upadhyay 02/28/2024  
 Supervised By :mohammad ahmed 02/29/2024



#80  
 Butylbenzylphthalate  
 Concen: 43.791 ng  
 RT: 20.557 min Scan# 2970  
 Delta R.T. -0.006 min  
 Lab File: BP019896.D  
 Acq: 27 Feb 2024 14:53

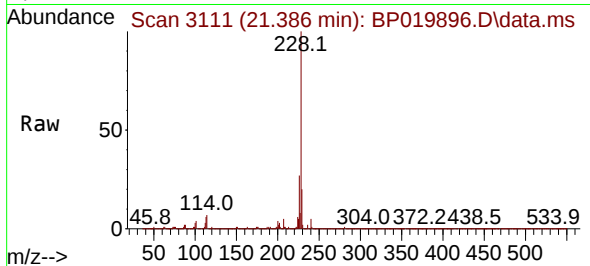
Tgt Ion:149 Resp: 443101  
 Ion Ratio Lower Upper  
 149 100  
 91 77.0 58.3 87.5  
 206 24.1 19.8 29.8





#81  
Benzo(a)anthracene  
Concen: 42.892 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

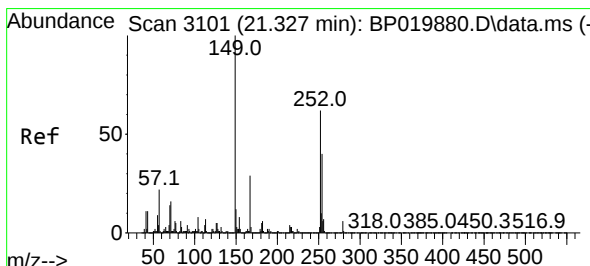
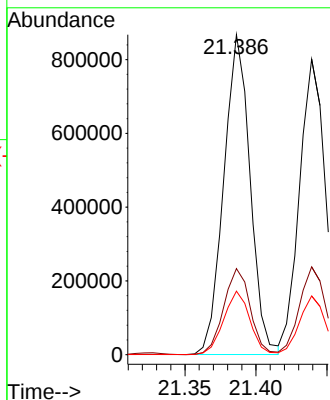
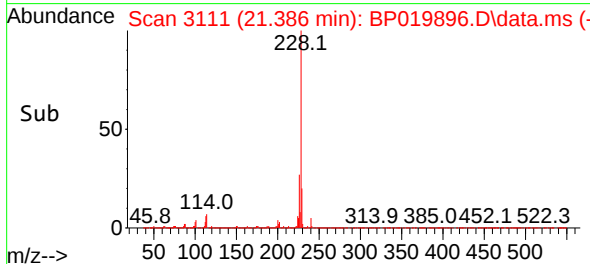
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



Tgt Ion:228 Resp: 1121309  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.5 32.3  
229 19.9 15.6 23.4

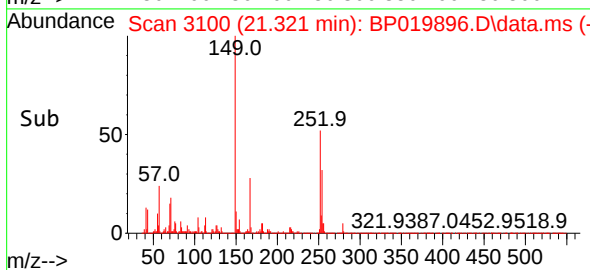
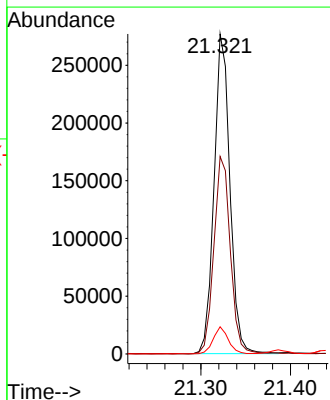
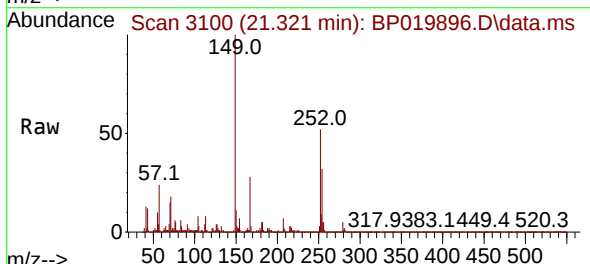
Manual Integrations  
APPROVED

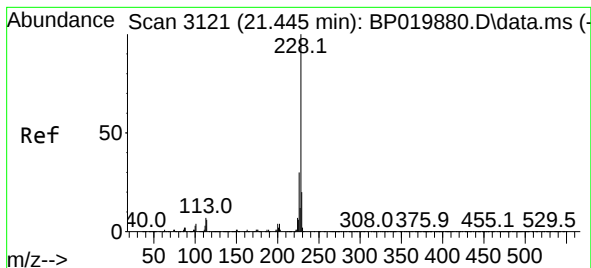
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 33.921 ng  
RT: 21.321 min Scan# 3100  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:252 Resp: 340108  
Ion Ratio Lower Upper  
252 100  
254 61.7 52.0 78.0  
126 8.5 6.1 9.1





#83

Chrysene

Concen: 41.658 ng

RT: 21.439 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:228 Resp: 1020460

Ion Ratio Lower Upper

228 100

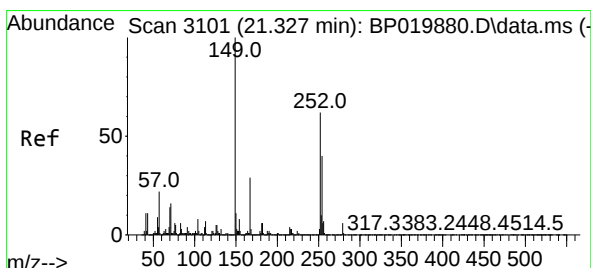
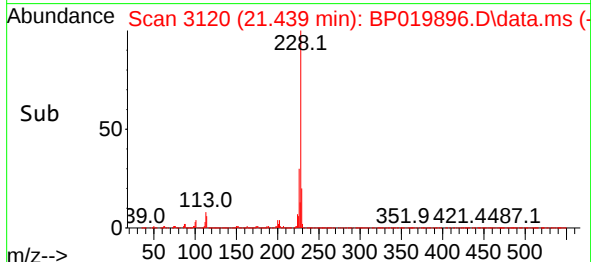
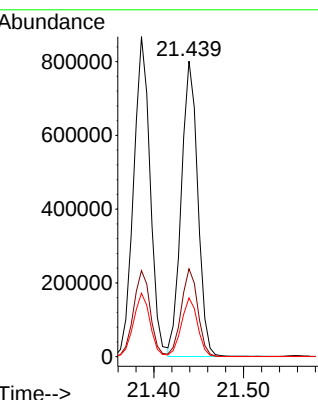
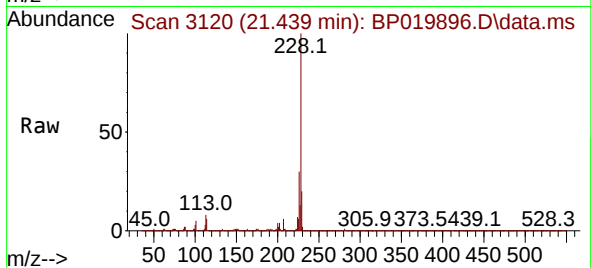
226 29.7 23.9 35.9

229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.906 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

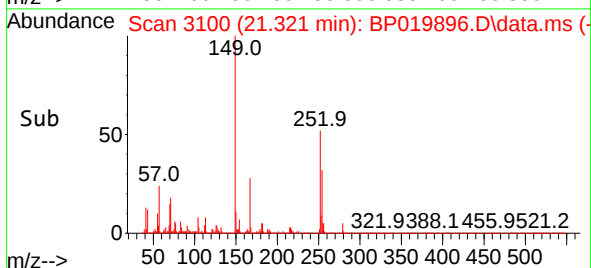
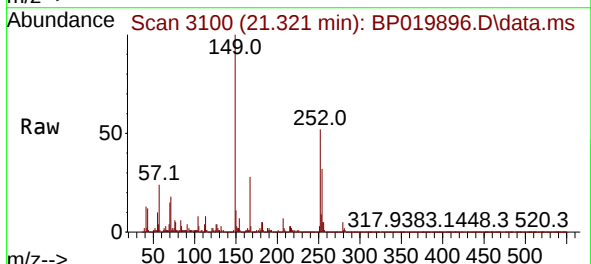
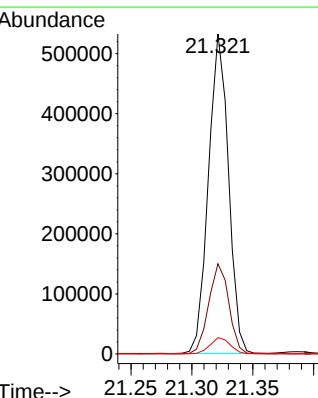
Tgt Ion:149 Resp: 608696

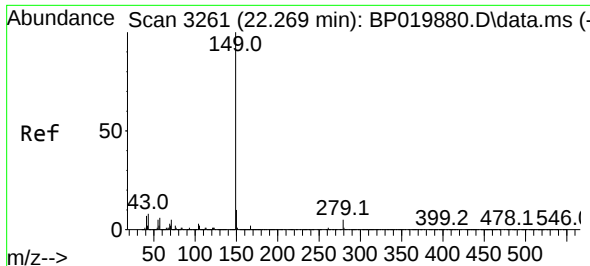
Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

279 5.1 4.6 6.8





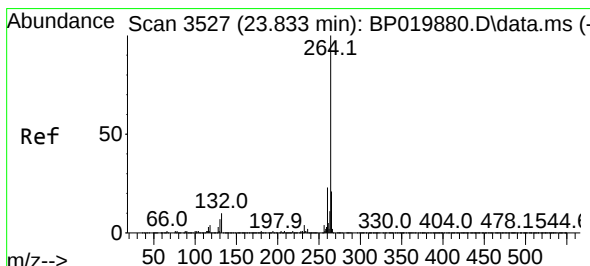
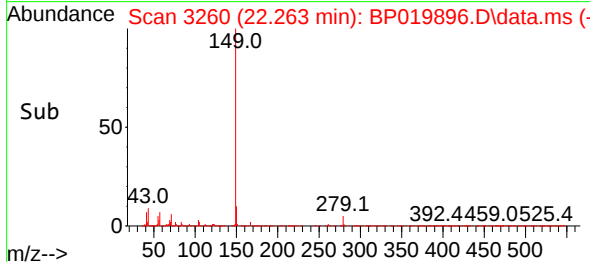
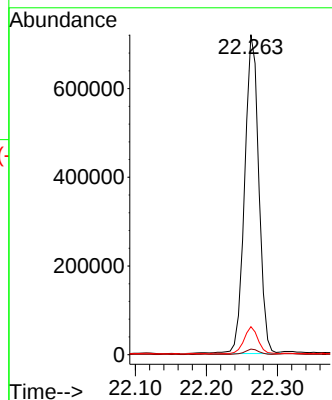
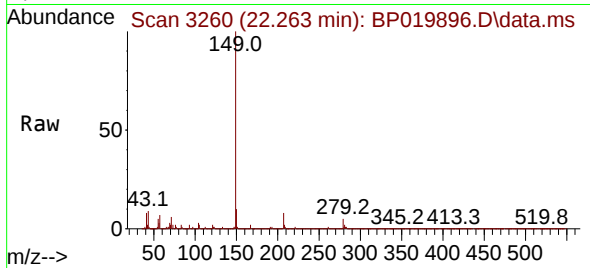
#85  
Di-n-octyl phthalate  
Concen: 41.297 ng  
RT: 22.263 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD

Tgt Ion:149 Resp: 998279  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 8.0 6.3 9.5

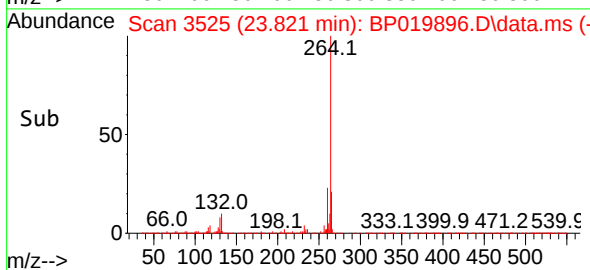
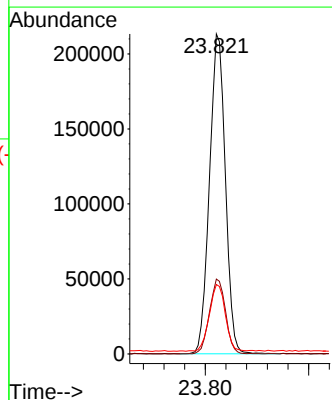
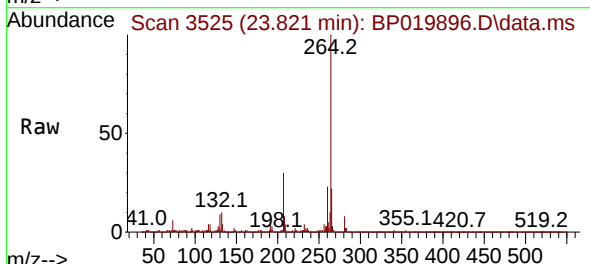
Manual Integrations  
APPROVED

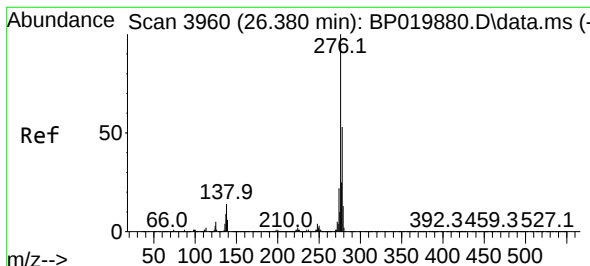
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.821 min Scan# 3525  
Delta R.T. -0.012 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

Tgt Ion:264 Resp: 454038  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.7 28.1  
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.417 ng

RT: 26.368 min Scan# 3958

Delta R.T. -0.012 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:276 Resp: 161154

Ion Ratio Lower Upper

276 100

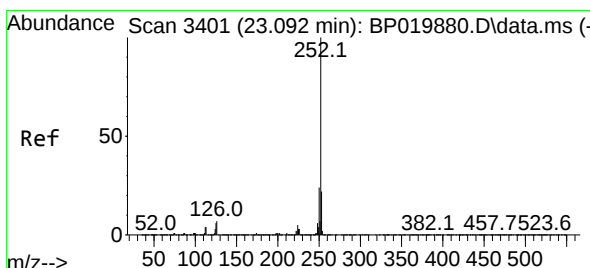
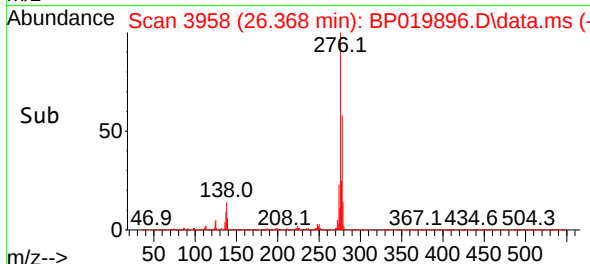
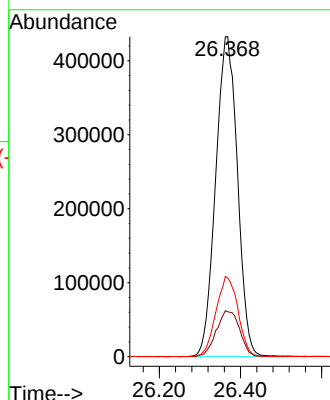
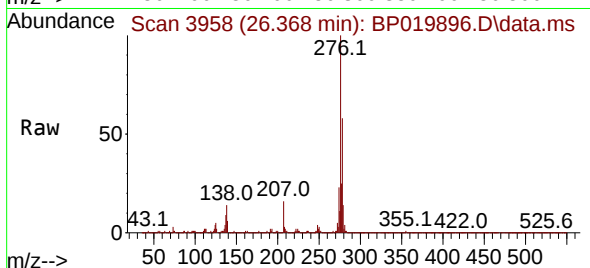
138 15.3 11.7 17.5

277 25.1 20.2 30.4

Manual Integrations

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Supervised By :mohammad ahmed 02/29/2024



#88

Benzo(b)fluoranthene

Concen: 41.295 ng

RT: 23.086 min Scan# 3400

Delta R.T. -0.006 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

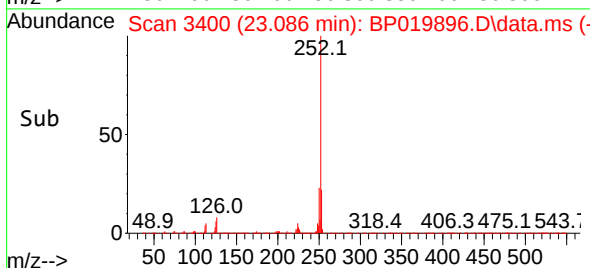
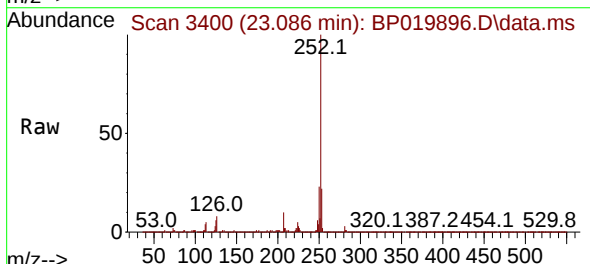
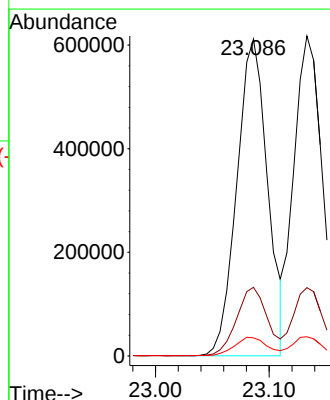
Tgt Ion:252 Resp: 1149520

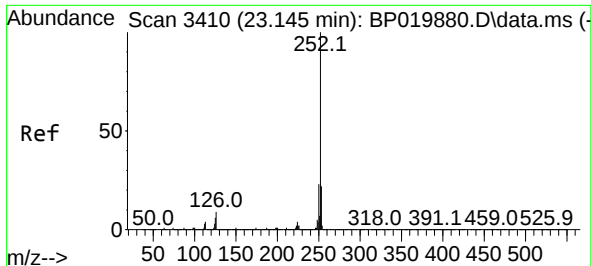
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

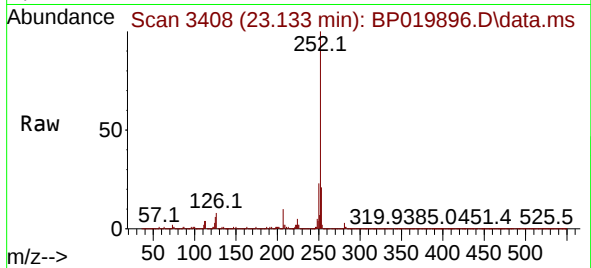
125 5.7 4.6 7.0





#89  
Benzo(k)fluoranthene  
Concen: 39.372 ng  
RT: 23.133 min Scan# 3410  
Delta R.T. -0.012 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53

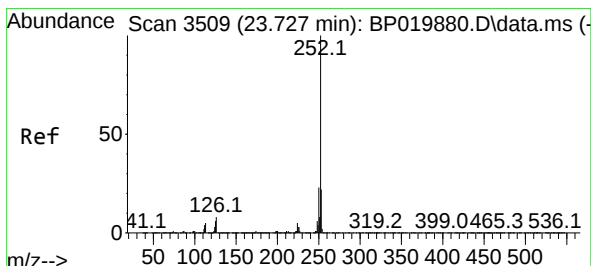
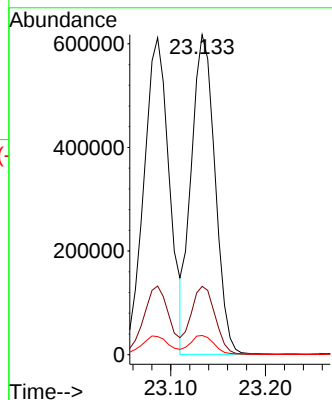
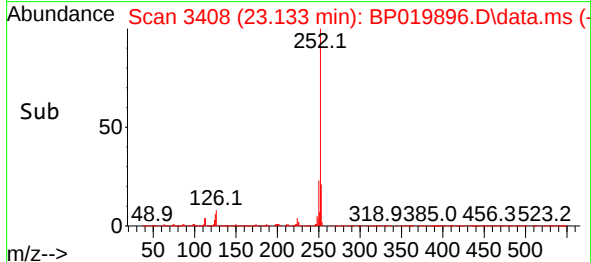
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-232MSD



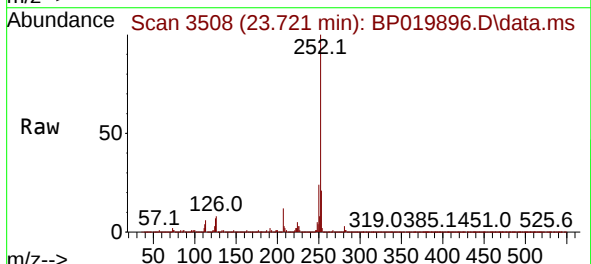
Tgt Ion:252 Resp: 107485  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.3 25.9  
125 6.0 4.6 6.8

Manual Integrations  
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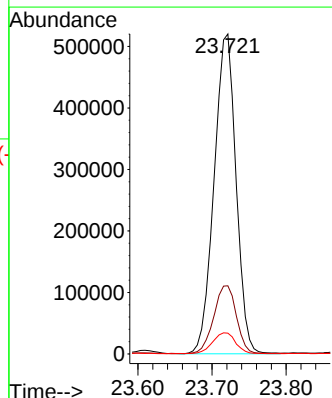
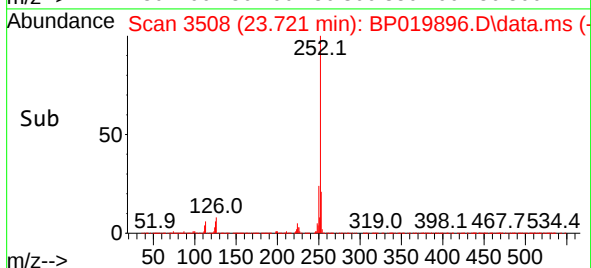
Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024

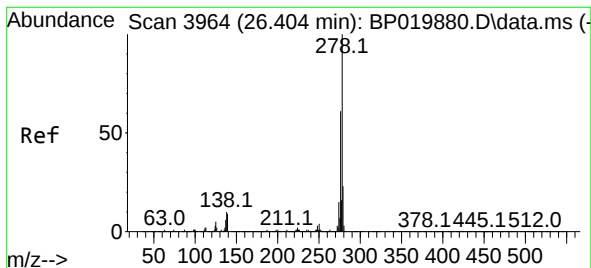


#90  
Benzo(a)pyrene  
Concen: 40.163 ng  
RT: 23.721 min Scan# 3508  
Delta R.T. -0.006 min  
Lab File: BP019896.D  
Acq: 27 Feb 2024 14:53



Tgt Ion:252 Resp: 1068432  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.5 26.3  
125 6.5 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 48.733 ng

RT: 26.392 min Scan# 3962

Delta R.T. -0.012 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Instrument :

BNA\_P

ClientSampleId :

VNJ-232MSD

Tgt Ion:278 Resp: 130952

Ion Ratio Lower Upper

278 100

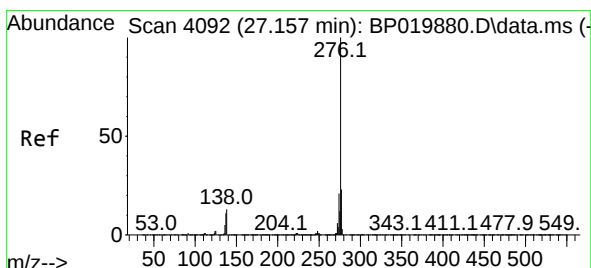
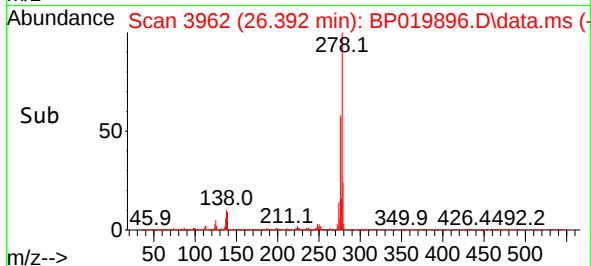
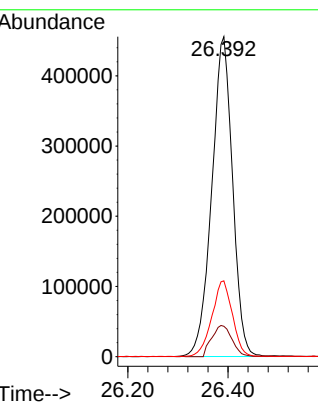
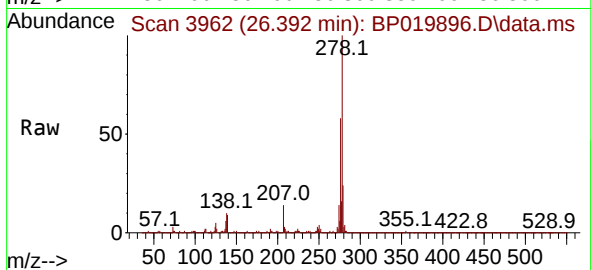
139 9.5 7.4 11.0

279 23.7 18.7 28.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/28/2024  
Supervised By :mohammad ahmed 02/29/2024



#92

Benzo(g,h,i)perylene

Concen: 49.954 ng

RT: 27.145 min Scan# 4090

Delta R.T. -0.012 min

Lab File: BP019896.D

Acq: 27 Feb 2024 14:53

Tgt Ion:276 Resp: 1295831

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 13.0 10.2 15.2

