

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041524\  
 Data File : BM045293.D  
 Acq On : 16 Apr 2024 22:32  
 Operator : MA/JU  
 Sample : PB160225BS  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS225

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024  
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 23:33:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 15 22:24:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.581  | 152  | 63018    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.345 | 136  | 250828   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.227 | 164  | 149162   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.992 | 188  | 286364   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.203 | 240  | 271247   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.403 | 264  | 342347   | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 8338     | 4.941  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.569  | 84   | 93111    | 20.289 | ng/u1  | -0.01    |
| 7) Phenol-d5                  | 6.763  | 99   | 120513   | 22.558 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.934  | 67   | 78953    | 24.805 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.110  | 132  | 104556   | 24.981 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.292  | 113  | 99408    | 23.772 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.739  | 128  | 50698    | 26.314 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.451  | 143  | 54326    | 26.714 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.981  | 165  | 98484    | 26.414 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.510 | 131  | 127607   | 21.496 | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.657 | 166  | 264546   | 25.472 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.922 | 160  | 312725   | 25.488 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.469 | 143  | 44324    | 20.449 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.233 | 176  | 225266   | 24.329 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.380 | 200  | 37563    | 22.123 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.092 | 188  | 332044   | 25.776 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.398 | 212  | 367846   | 27.541 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.262 | 264  | 437356   | 26.188 | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.210  | 88   | 13065    | 7.413  | ng/uL  | 91       |
| 5) Pyridine                   | 3.587  | 79   | 100091   | 20.584 | ng/u1  | 98       |
| 6) Benzaldehyde               | 6.745  | 77   | 72274    | 29.183 | ng/u1  | 96       |
| 8) Phenol                     | 6.787  | 94   | 126680   | 22.898 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.028  | 93   | 99871    | 23.131 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.145  | 128  | 107963   | 24.583 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.022  | 108  | 92174    | 22.572 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.098  | 45   | 120501   | 23.400 | ng/u1  | 99       |
| 16) Acetophenone              | 8.410  | 105  | 151176   | 22.236 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.392  | 70   | 76506    | 23.833 | ng/u1  | 91       |
| 18) 4-Methylphenol            | 8.351  | 108  | 102940   | 23.388 | ng/u1  | 95       |
| 19) Hexachloroethane          | 8.622  | 117  | 50192    | 25.984 | ng/u1  | 96       |
| 22) Nitrobenzene              | 8.781  | 77   | 121699   | 25.746 | ng/u1  | 99       |
| 23) Isophorone                | 9.304  | 82   | 212618   | 24.481 | ng/u1# | 99       |
| 25) 2-Nitrophenol             | 9.481  | 139  | 58015    | 25.703 | ng/u1  | 90       |
| 26) 2,4-Dimethylphenol        | 9.539  | 107  | 96325    | 22.136 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.786  | 93   | 130264   | 25.301 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.004 | 162  | 98099    | 26.042 | ng/u1  | 95       |
| 30) Naphthalene               | 10.398 | 128  | 320828   | 24.162 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.534 | 127  | 112673   | 19.506 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.663 | 225  | 59508    | 25.407 | ng/u1  | 93       |
| 34) Caprolactam               | 11.333 | 113  | 26762m   | 21.043 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.657 | 107  | 91230    | 24.363 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.022 | 142  | 213681   | 24.647 | ng/u1  | 96       |

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 Sample : PB160225BS  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

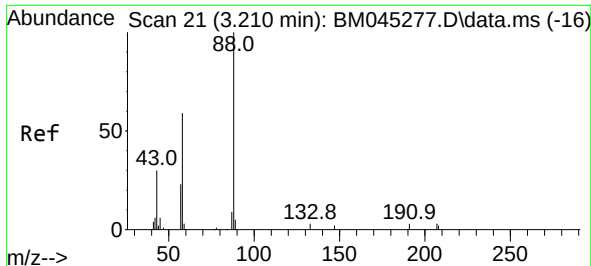
Reviewed By :Yogesh Patel 04/17/2024  
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 23:33:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 15 22:24:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.239 | 142  | 216160   | 24.638 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.392 | 216  | 106973   | 26.223 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.357 | 237  | 57198    | 23.163 | ng/ul  | 95       |
| 41) 2,4,6-Trichlorophenol     | 12.651 | 196  | 70170    | 26.369 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.722 | 196  | 75113    | 25.618 | ng/ul  | 94       |
| 43) 1,1'-Biphenyl             | 13.057 | 154  | 276271   | 26.229 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.092 | 162  | 213580   | 24.958 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.327 | 65   | 60748    | 25.717 | ng/ul  | 100      |
| 47) Dimethylphthalate         | 13.704 | 163  | 263425   | 24.267 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.833 | 165  | 51648    | 24.274 | ng/ul# | 84       |
| 50) Acenaphthylene            | 13.951 | 152  | 341724   | 23.847 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.169 | 138  | 52849    | 22.771 | ng/ul  | 94       |
| 52) Acenaphthene              | 14.292 | 153  | 228910   | 23.940 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.386 | 184  | 22909    | 18.110 | ng/ul  | 85       |
| 55) 4-Nitrophenol             | 14.480 | 109  | 41348    | 21.691 | ng/ul# | 83       |
| 56) Dibenzofuran              | 14.633 | 168  | 309873   | 23.682 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.633 | 165  | 72993    | 22.919 | ng/ul# | 86       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.863 | 232  | 60437    | 24.084 | ng/ul# | 99       |
| 59) Diethylphthalate          | 15.080 | 149  | 272964   | 24.647 | ng/ul  | 99       |
| 61) Fluorene                  | 15.286 | 166  | 245819   | 22.290 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.286 | 204  | 116035   | 22.448 | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.345 | 138  | 46484    | 22.030 | ng/ul# | 83       |
| 66) 4,6-Dinitro-2-methylph... | 15.392 | 198  | 40028    | 22.013 | ng/ul  | 95       |
| 67) N-Nitrosodiphenylamine    | 15.510 | 169  | 209591   | 27.131 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.186 | 248  | 74293    | 26.638 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.280 | 284  | 90183    | 24.858 | ng/ul# | 92       |
| 70) Atrazine                  | 16.480 | 200  | 69221    | 24.360 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.639 | 266  | 51117    | 23.195 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.033 | 178  | 377799   | 24.516 | ng/ul  | 98       |
| 74) Anthracene                | 17.127 | 178  | 386156   | 24.497 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.010 | 216  | 102975   | 28.531 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.545 | 250  | 102658   | 26.732 | ng/uL  | 97       |
| 77) Carbazole                 | 17.410 | 167  | 353512   | 23.257 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 17.980 | 149  | 470818   | 27.466 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.062 | 202  | 429558   | 27.268 | ng/ul  | 98       |
| 82) Pyrene                    | 19.427 | 202  | 461340   | 27.138 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.351 | 149  | 203943   | 28.634 | ng/ul  | 90       |
| 84) 3,3'-Dichlorobenzidine    | 21.133 | 252  | 138649   | 22.989 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.186 | 228  | 450122   | 24.457 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.133 | 149  | 311382   | 27.969 | ng/ul  | 96       |
| 87) Chrysene                  | 21.239 | 228  | 427246   | 24.902 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.009 | 149  | 550803   | 25.571 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.744 | 252  | 506816   | 25.400 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.792 | 252  | 484663   | 24.132 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.309 | 252  | 430090   | 22.148 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.603 | 276  | 658189   | 26.165 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 25.615 | 278  | 536417   | 25.506 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.274 | 276  | 519749   | 26.191 | ng/ul  | 98       |

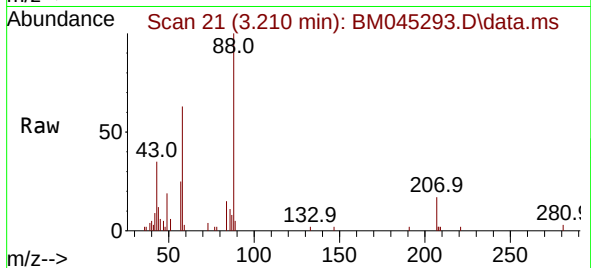
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 7.413 ng/uL  
RT: 3.210 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

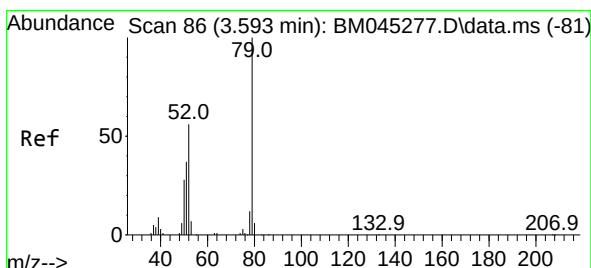
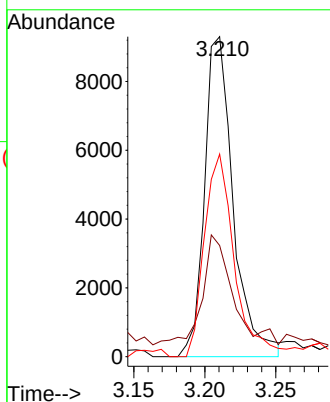
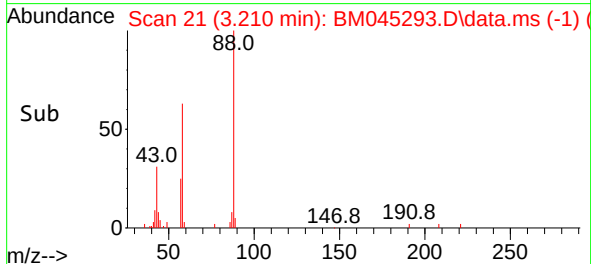
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion: 88 Resp: 1306  
Ion Ratio Lower Upper  
88 100  
43 34.8 24.0 36.0  
58 63.3 45.4 68.2

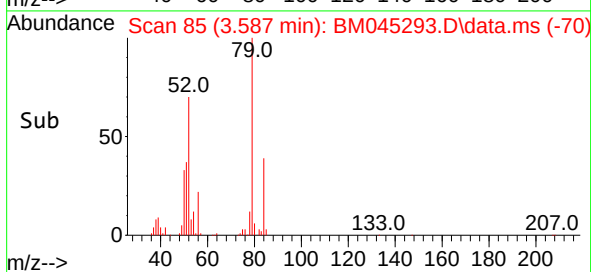
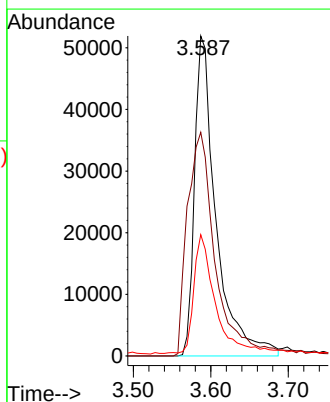
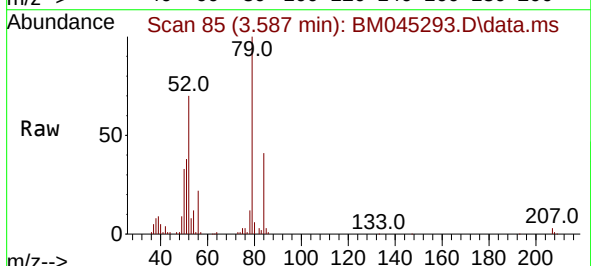
Manual Integrations  
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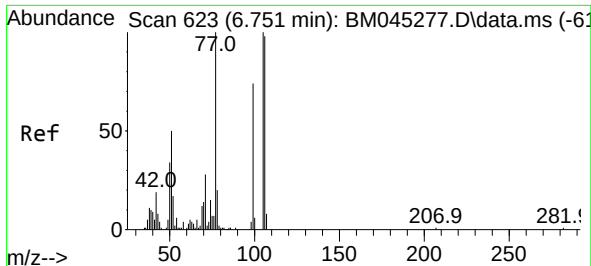
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#5  
Pyridine  
Concen: 20.584 ng/uL  
RT: 3.587 min Scan# 85  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

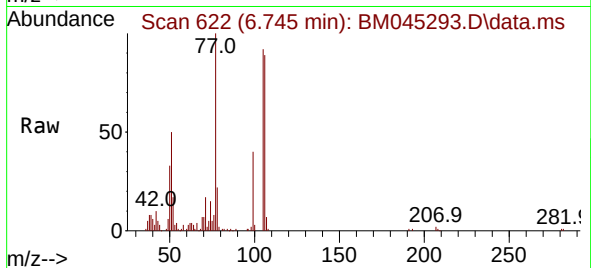
Tgt Ion: 79 Resp: 100091  
Ion Ratio Lower Upper  
79 100  
52 69.9 56.0 84.0  
51 37.9 27.6 41.4





#6  
Benzaldehyde  
Concen: 29.183 ng/u1  
RT: 6.745 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

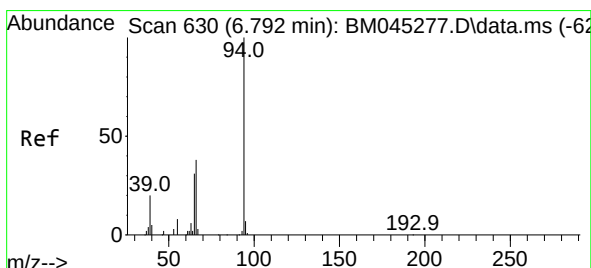
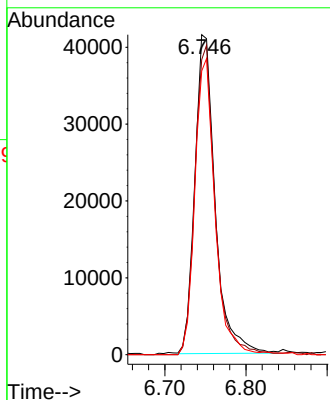
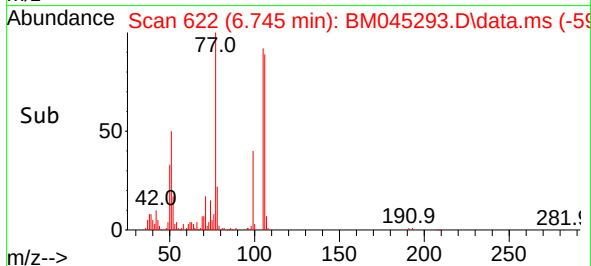
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion: 77 Resp: 72274  
Ion Ratio Lower Upper  
77 100  
105 92.2 75.8 113.6  
106 88.6 74.6 112.0

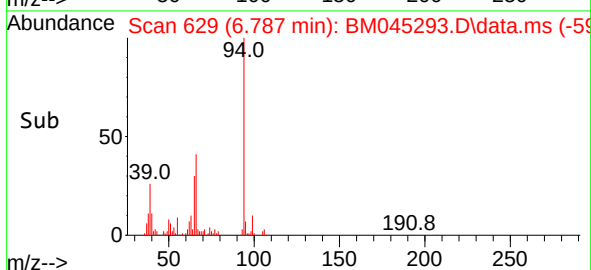
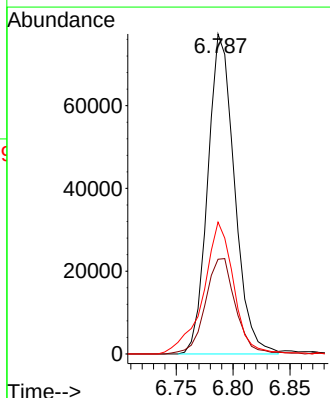
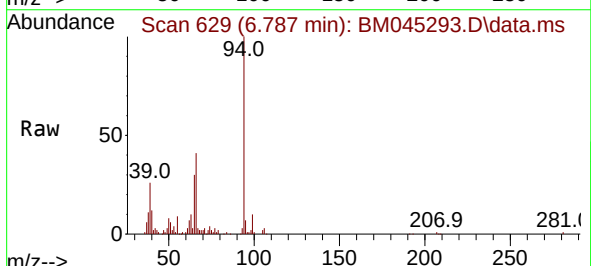
Manual Integrations  
APPROVED

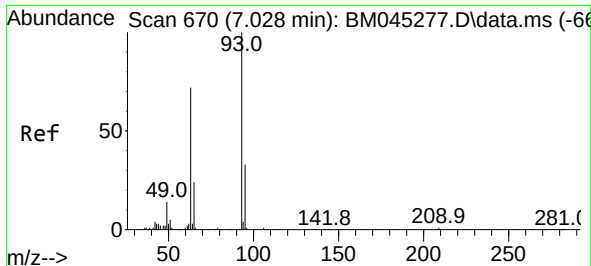
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#8  
Phenol  
Concen: 22.898 ng/u1  
RT: 6.787 min Scan# 629  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

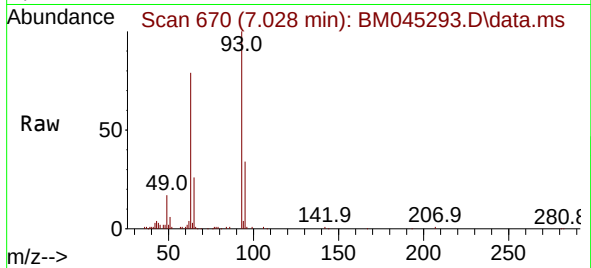
Tgt Ion: 94 Resp: 126680  
Ion Ratio Lower Upper  
94 100  
65 29.6 21.7 32.5  
66 41.2 31.9 47.9





#10  
Bis(2-Chloroethyl)ether  
Concen: 23.131 ng/ul  
RT: 7.028 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

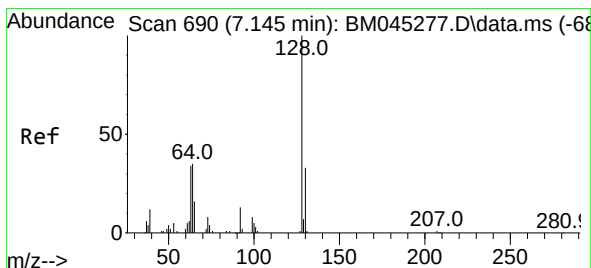
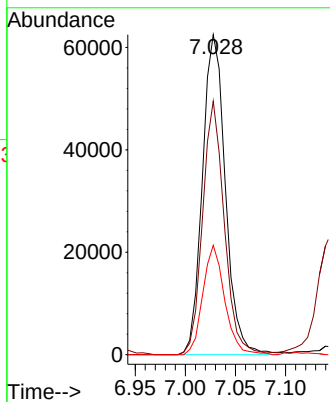
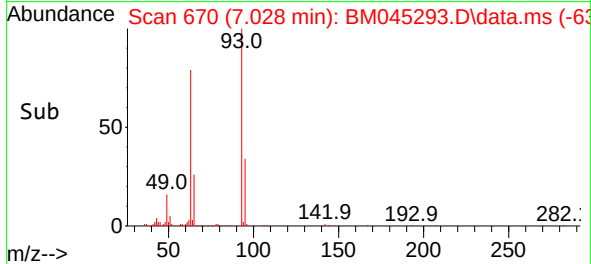
Instrument :  
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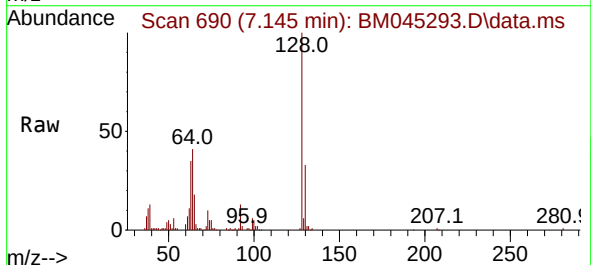
Tgt Ion: 93 Resp: 9987  
Ion Ratio Lower Upper  
93 100  
63 79.3 61.3 91.9  
95 34.2 27.6 41.4

Manual Integrations  
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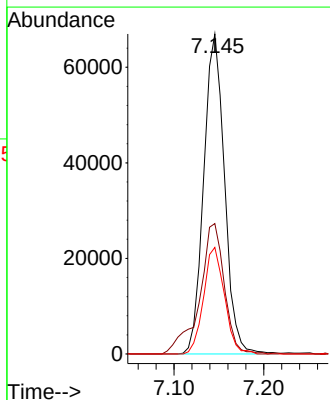
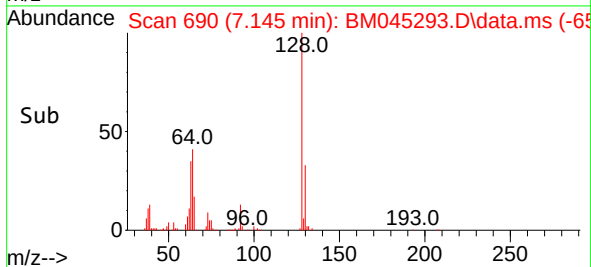
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

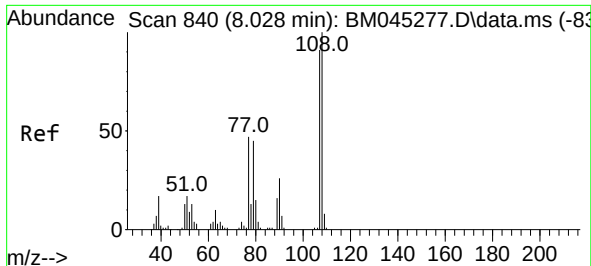


#12  
2-Chlorophenol  
Concen: 24.583 ng/ul  
RT: 7.145 min Scan# 690  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



Tgt Ion:128 Resp: 107963  
Ion Ratio Lower Upper  
128 100  
64 40.8 33.3 49.9  
130 33.3 26.2 39.4





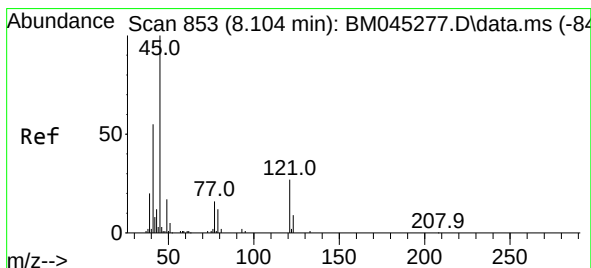
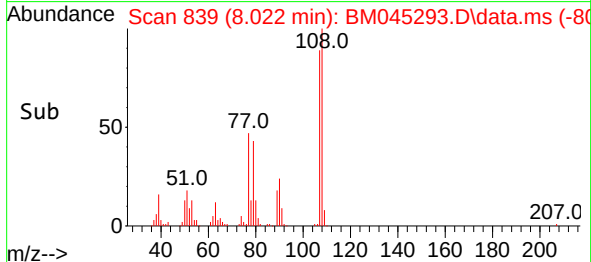
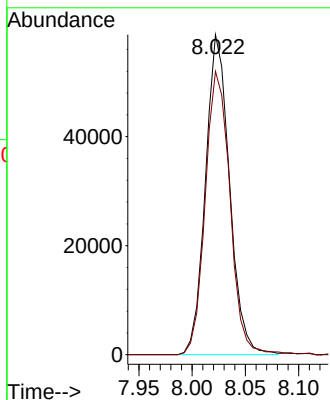
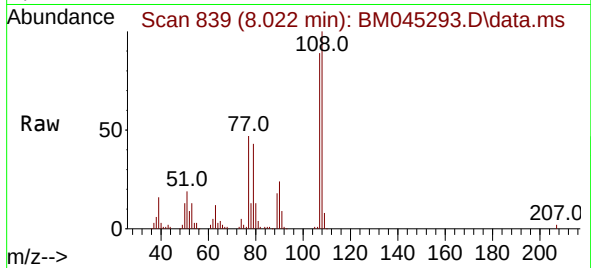
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2-Methylphenol  
Concen: 22.572 ng/ul  
RT: 8.022 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225

Tgt Ion:108 Resp: 92174  
Ion Ratio Lower Upper  
108 100  
107 88.6 69.1 103.7

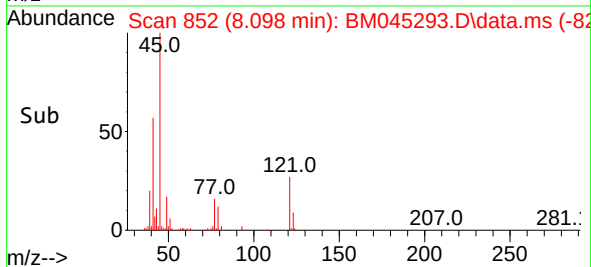
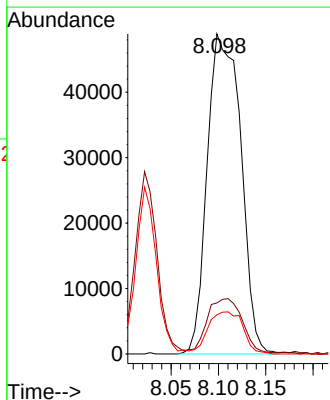
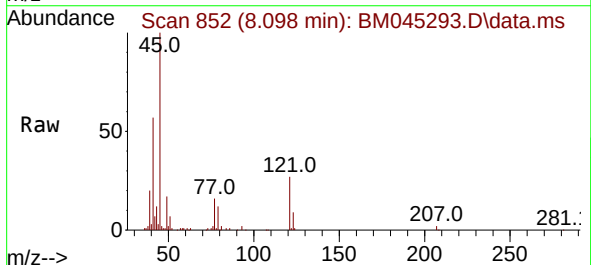
Manual Integrations  
APPROVED

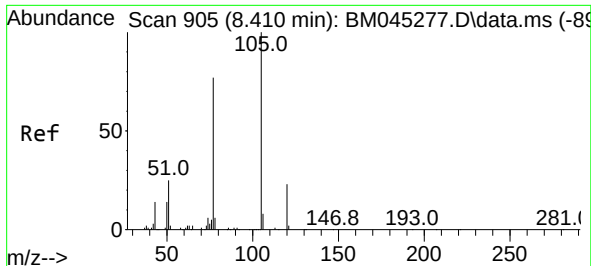
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 23.400 ng/ul  
RT: 8.098 min Scan# 852  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

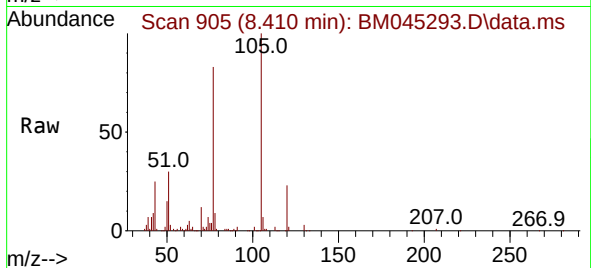
Tgt Ion: 45 Resp: 120501  
Ion Ratio Lower Upper  
45 100  
77 15.9 13.4 20.0  
79 12.2 10.1 15.1





#16  
Acetophenone  
Concen: 22.236 ng/ul  
RT: 8.410 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

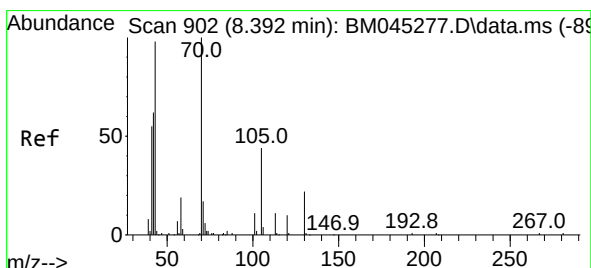
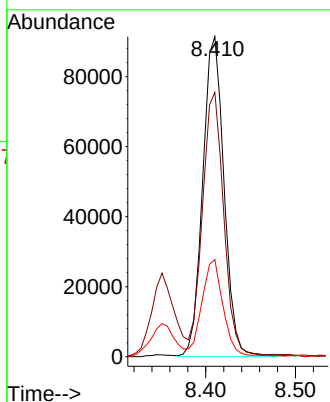
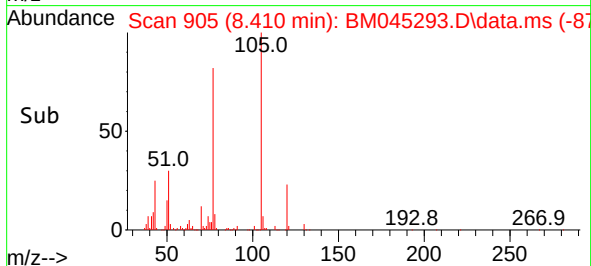
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:105 Resp: 151170  
Ion Ratio Lower Upper  
105 100  
77 82.6 65.8 98.6  
51 30.3 21.9 32.9

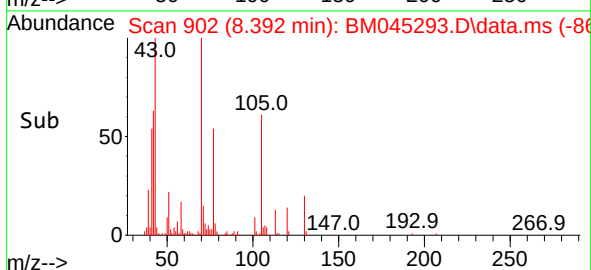
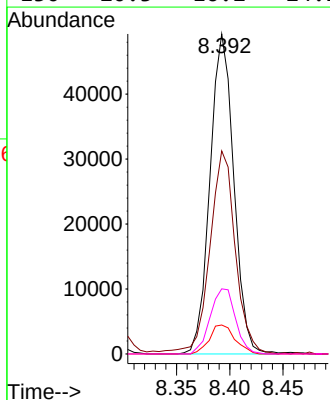
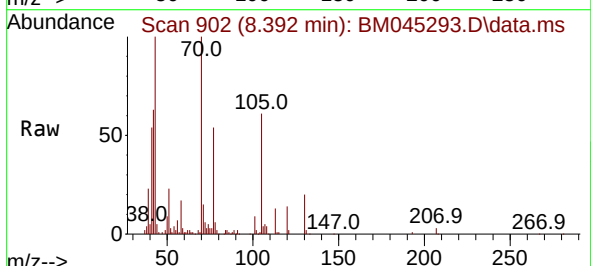
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

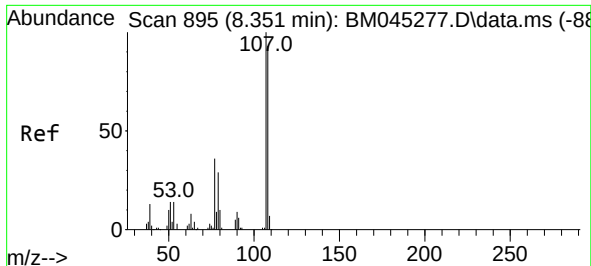


#17  
N-Nitroso-di-n-propylamine  
Concen: 23.833 ng/ul  
RT: 8.392 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

Tgt Ion: 70 Resp: 76506  
Ion Ratio Lower Upper  
70 100  
42 63.5 43.2 64.8  
101 9.0 6.4 9.6  
130 20.3 16.2 24.2

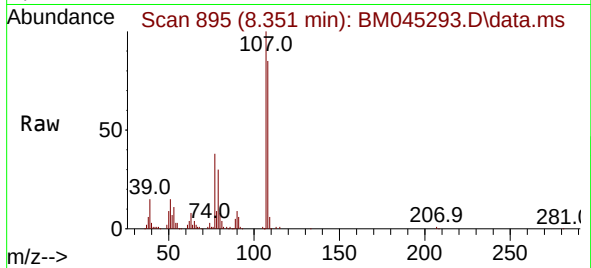






#18  
4-Methylphenol  
Concen: 23.388 ng/ul  
RT: 8.351 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

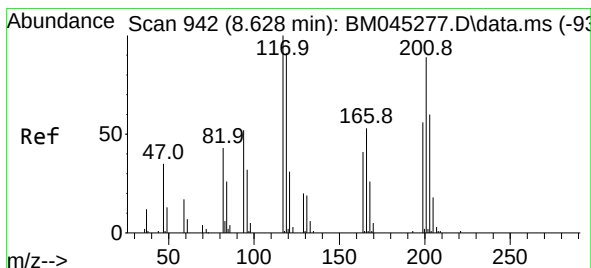
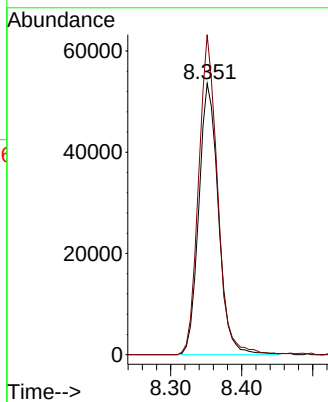
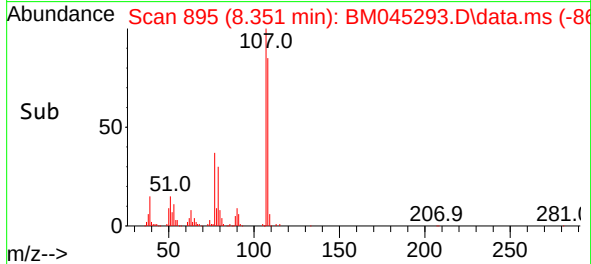
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:108 Resp: 102940  
Ion Ratio Lower Upper  
108 100  
107 118.0 90.0 135.0

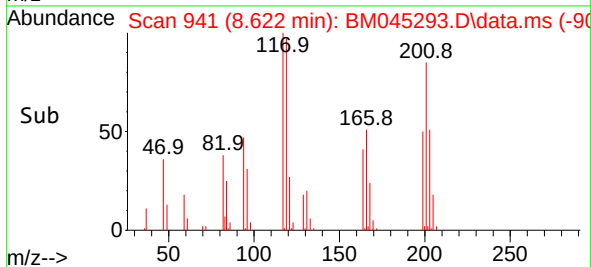
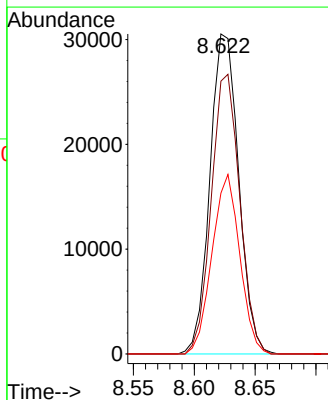
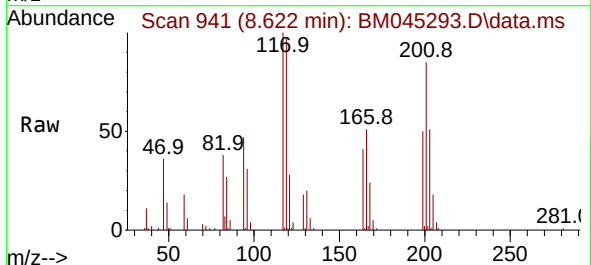
Manual Integrations  
APPROVED

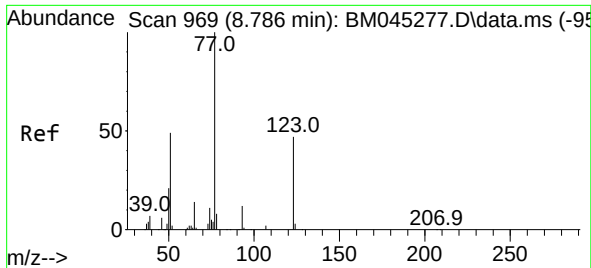
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#19  
Hexachloroethane  
Concen: 25.984 ng/ul  
RT: 8.622 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

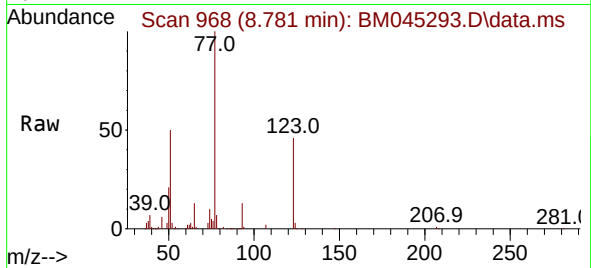
Tgt Ion:117 Resp: 50192  
Ion Ratio Lower Upper  
117 100  
201 87.5 73.0 109.4  
199 51.8 44.4 66.6





#22  
Nitrobenzene  
Concen: 25.746 ng/ul  
RT: 8.781 min Scan# 968  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

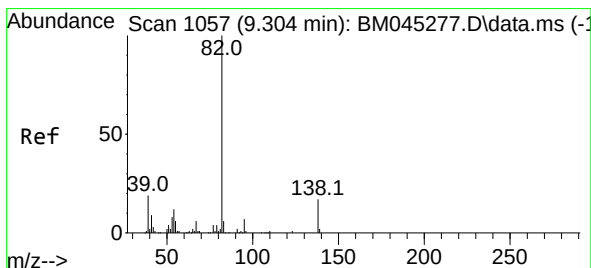
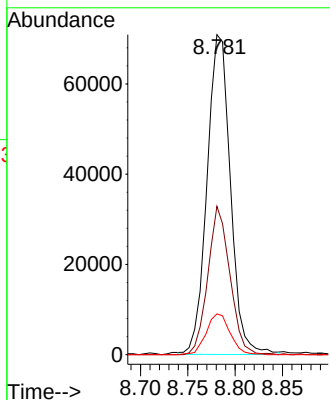
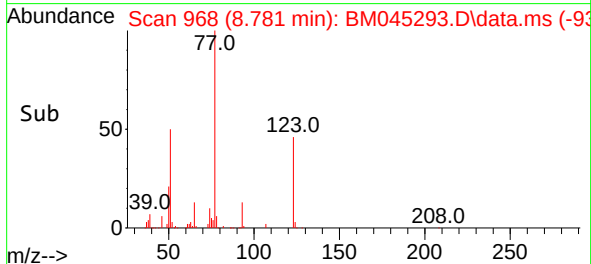
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion: 77 Resp: 121699  
Ion Ratio Lower Upper  
77 100  
123 46.4 37.4 56.2  
65 12.7 10.7 16.1

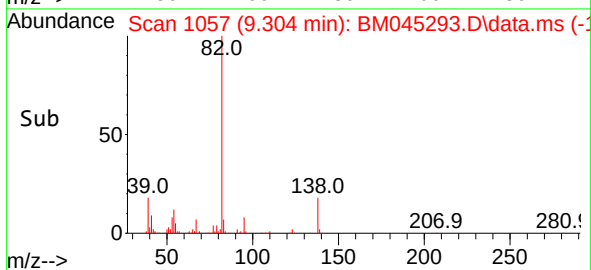
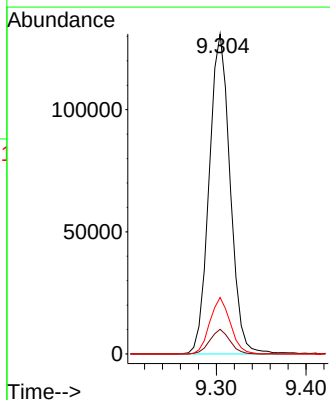
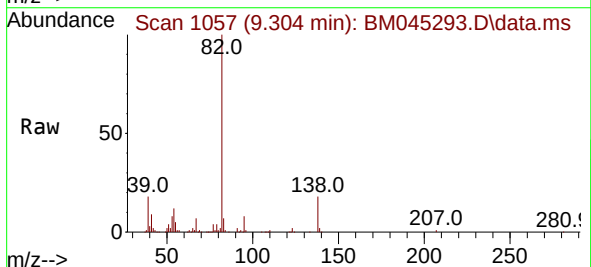
Manual Integrations  
APPROVED

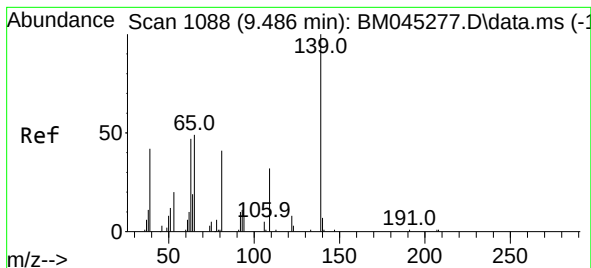
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#23  
Isophorone  
Concen: 24.481 ng/ul  
RT: 9.304 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

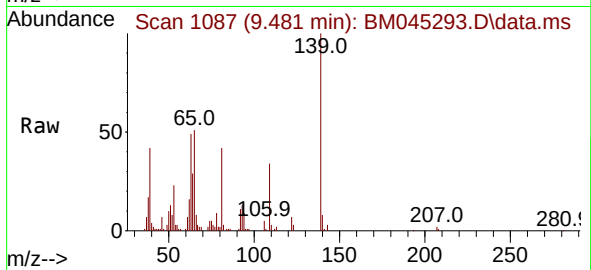
Tgt Ion: 82 Resp: 212618  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.1 7.7#  
138 17.6 14.2 21.4





#25  
2-Nitrophenol  
Concen: 25.703 ng/ul  
RT: 9.481 min Scan# 1087  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

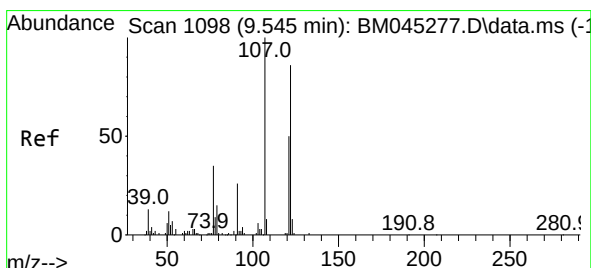
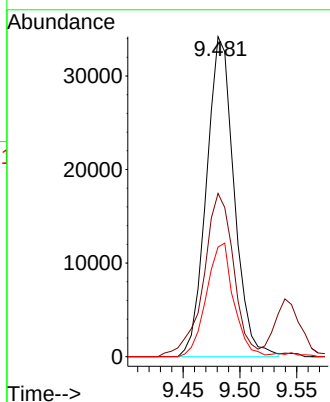
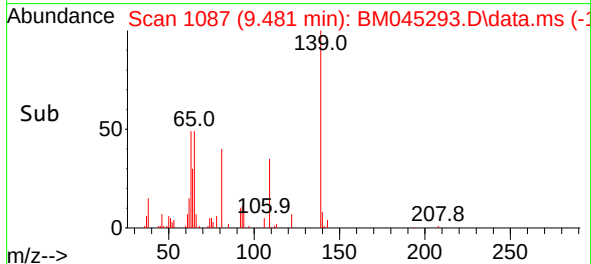
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



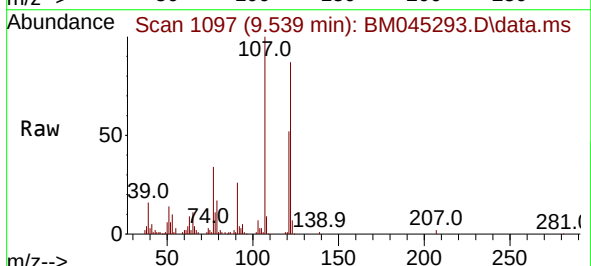
Tgt Ion:139 Resp: 58015  
Ion Ratio Lower Upper  
139 100  
65 51.0 34.9 52.3  
109 34.2 24.4 36.6

Manual Integrations  
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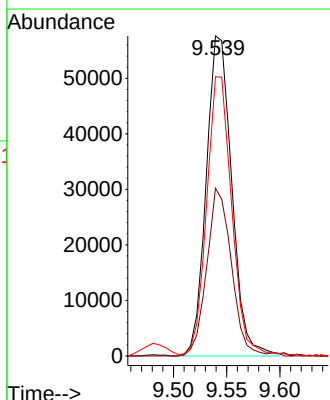
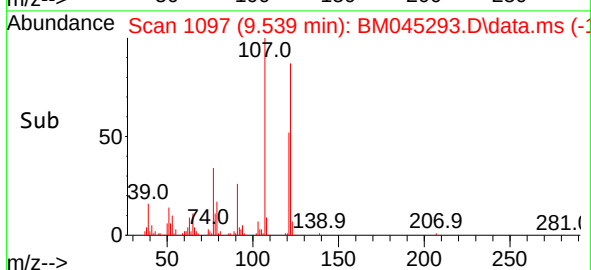
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

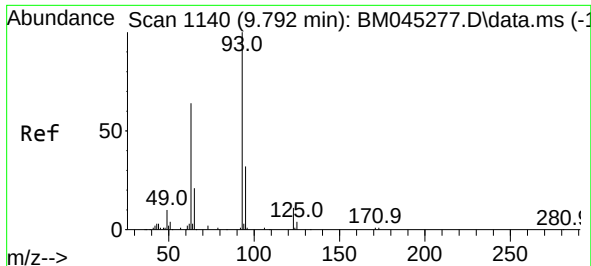


#26  
2,4-Dimethylphenol  
Concen: 22.136 ng/ul  
RT: 9.539 min Scan# 1097  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



Tgt Ion:107 Resp: 96325  
Ion Ratio Lower Upper  
107 100  
121 52.4 41.1 61.7  
122 87.3 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 25.301 ng/ul

RT: 9.786 min Scan# 1139

Delta R.T. -0.012 min

Lab File: BM045293.D

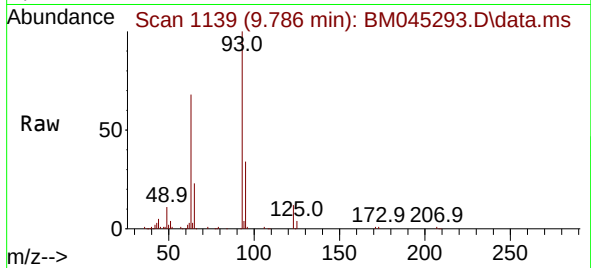
Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225



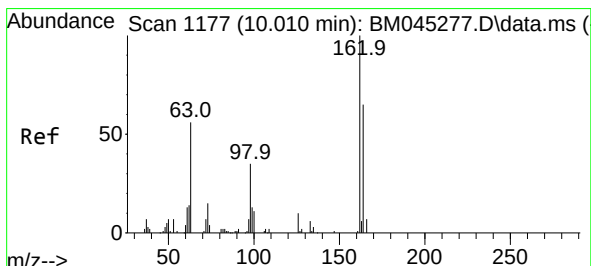
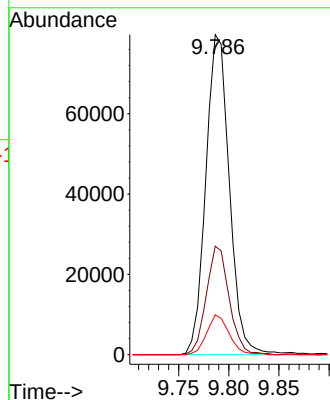
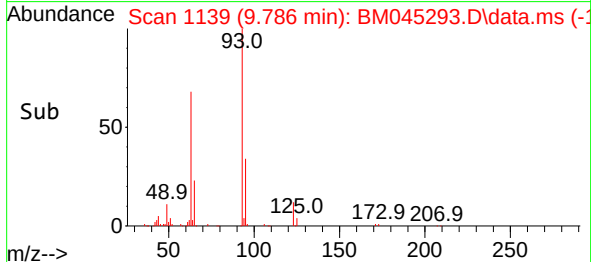
| Tgt Ion:  | 93   | Resp: | 130264 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 93        | 100  |       |        |
| 95        | 33.9 | 26.9  | 40.3   |
| 123       | 12.4 | 9.1   | 13.7   |

Manual Integrations

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Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#29

2,4-Dichlorophenol

Concen: 26.042 ng/ul

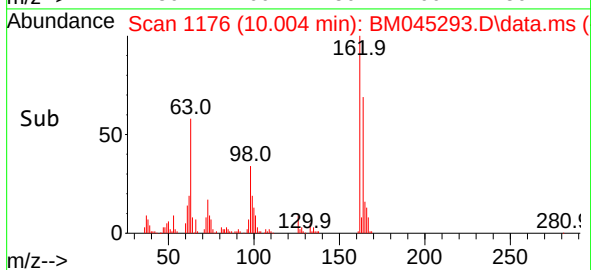
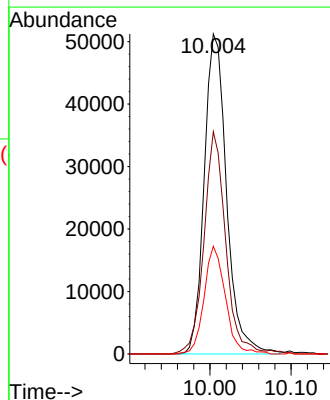
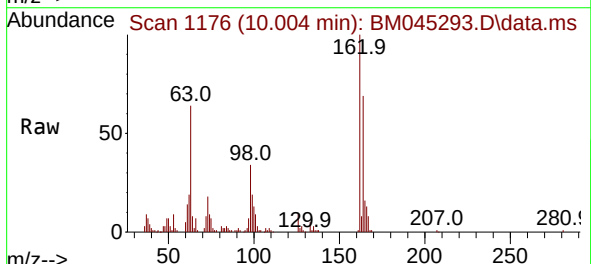
RT: 10.004 min Scan# 1176

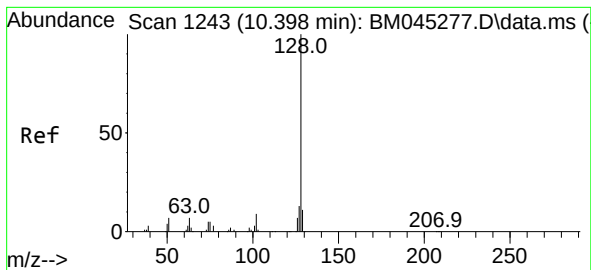
Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

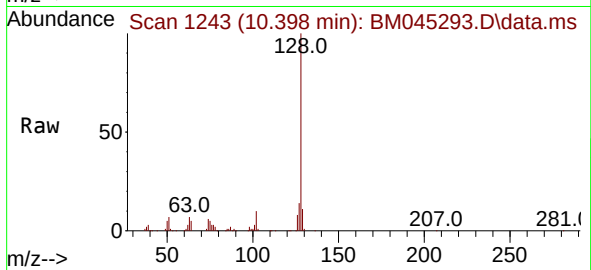
| Tgt Ion:  | 162  | Resp: | 98099 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 162       | 100  |       |       |
| 164       | 69.5 | 50.4  | 75.6  |
| 98        | 33.6 | 27.0  | 40.4  |





#30  
Naphthalene  
Concen: 24.162 ng/uI  
RT: 10.398 min Scan# 1243  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

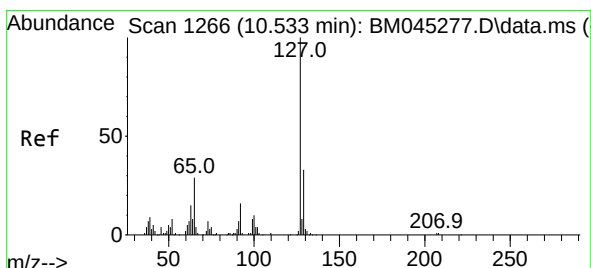
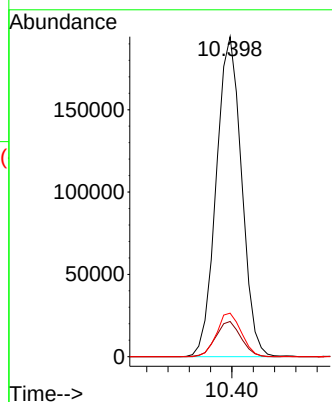
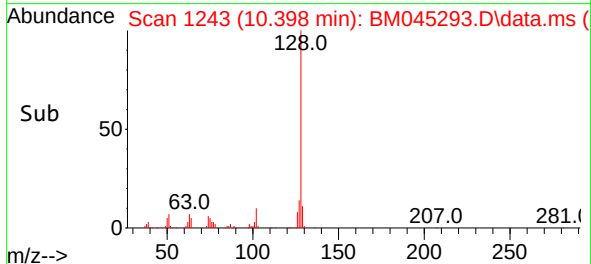
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:128 Resp: 320828  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.6 10.2 15.4

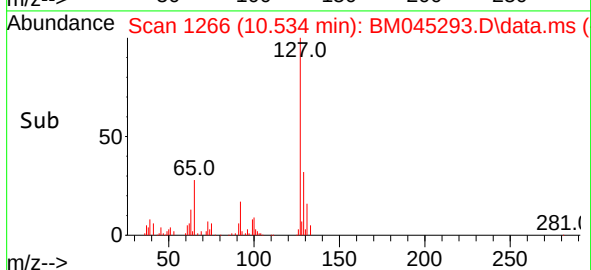
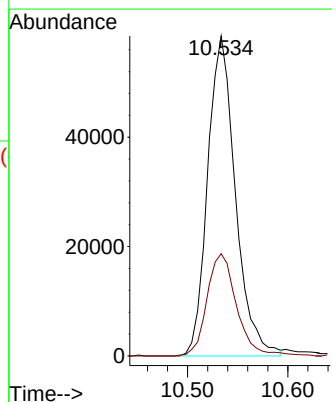
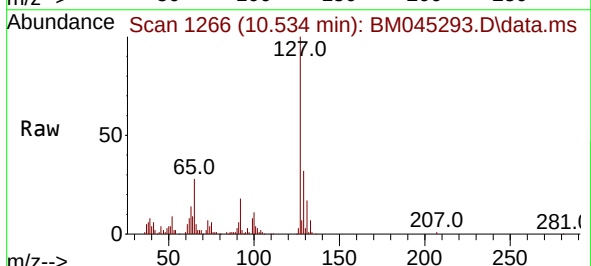
Manual Integrations  
APPROVED

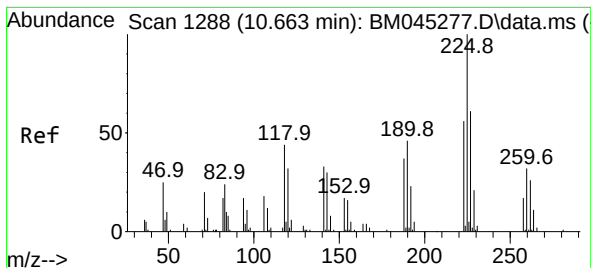
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#32  
4-Chloroaniline  
Concen: 19.506 ng/uI  
RT: 10.534 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

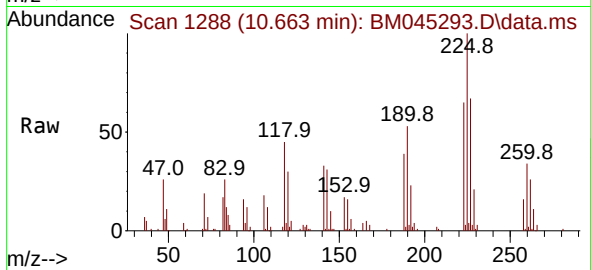
Tgt Ion:127 Resp: 112673  
Ion Ratio Lower Upper  
127 100  
129 31.9 26.2 39.2





#33  
Hexachlorobutadiene  
Concen: 25.407 ng/ul  
RT: 10.663 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

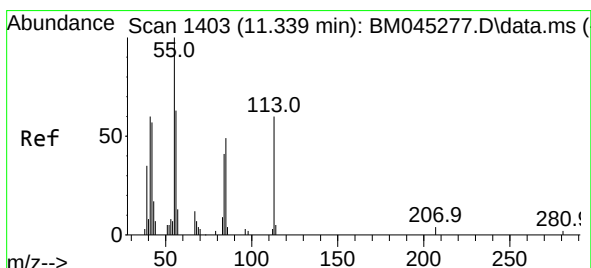
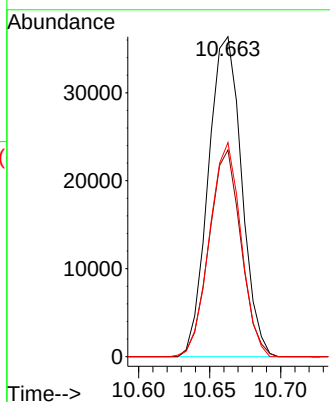
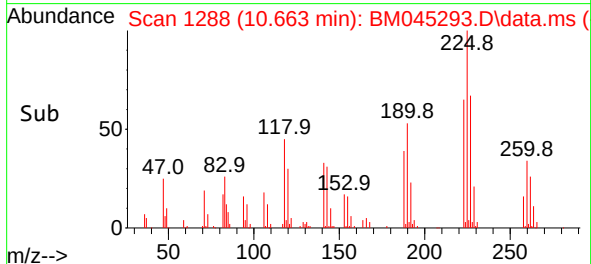
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



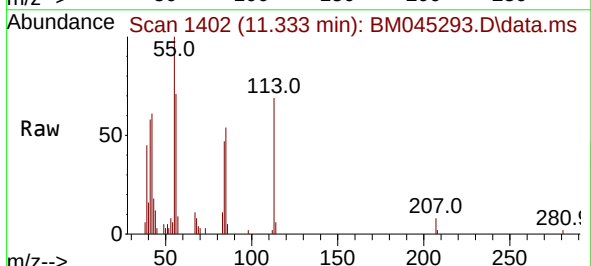
Tgt Ion:225 Resp: 59508  
Ion Ratio Lower Upper  
225 100  
223 62.3 45.3 67.9  
227 64.5 47.6 71.4

Manual Integrations  
APPROVED

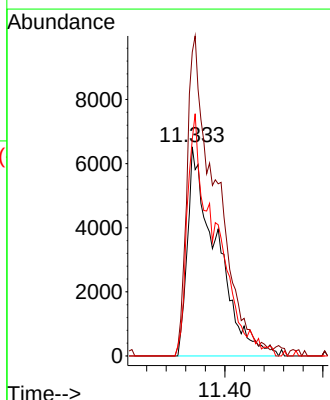
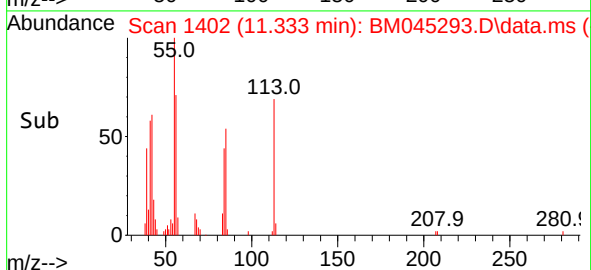
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

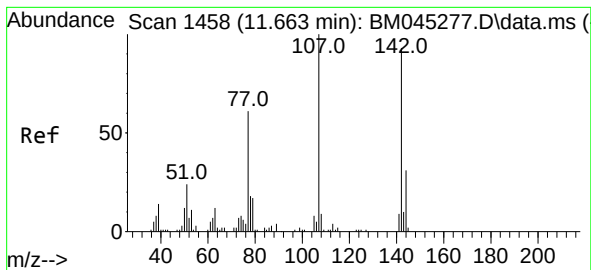


#34  
Caprolactam  
Concen: 21.043 ng/ul m  
RT: 11.333 min Scan# 1402  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



Tgt Ion:113 Resp: 26762  
Ion Ratio Lower Upper  
113 100  
55 145.3 125.4 188.0  
56 103.7 91.8 137.8





#35  
4-Chloro-3-methylphenol  
Concen: 24.363 ng/ul  
RT: 11.657 min Scan# 1457  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

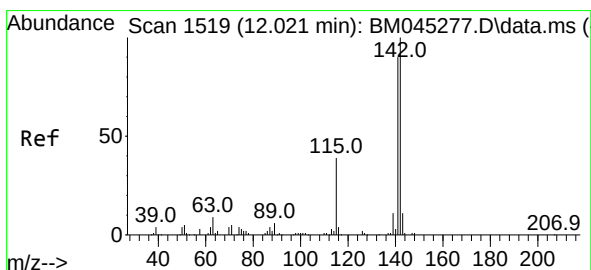
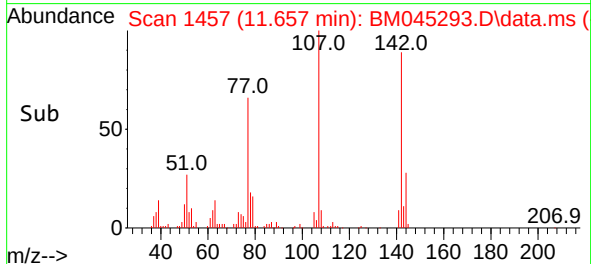
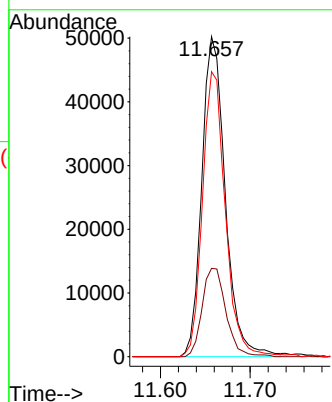
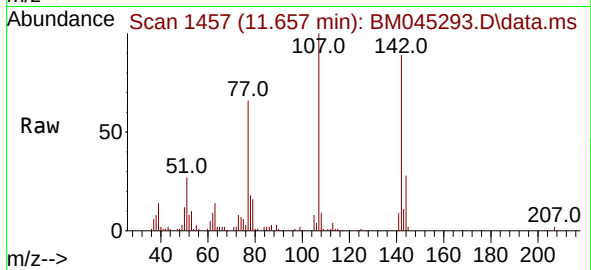
SLCS225

Tgt Ion:107 Resp: 91230  
Ion Ratio Lower Upper  
107 100  
144 27.6 22.8 34.2  
142 89.0 69.8 104.6

Manual Integrations

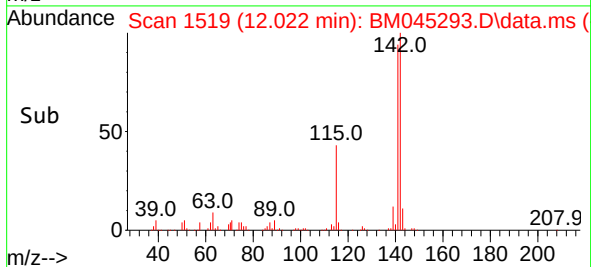
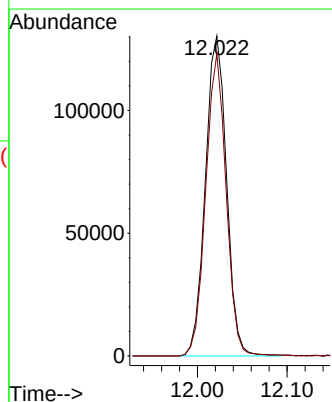
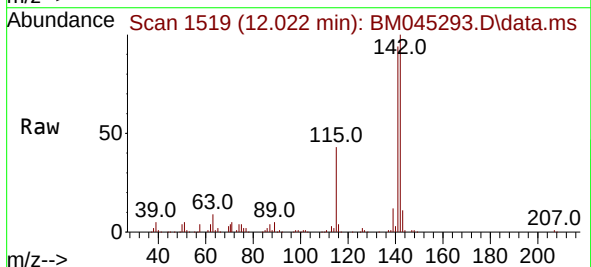
APPROVED

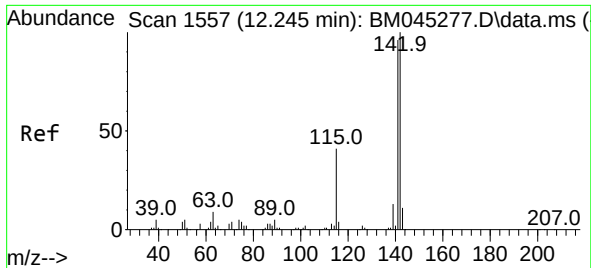
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#36  
2-Methylnaphthalene  
Concen: 24.647 ng/ul  
RT: 12.022 min Scan# 1519  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

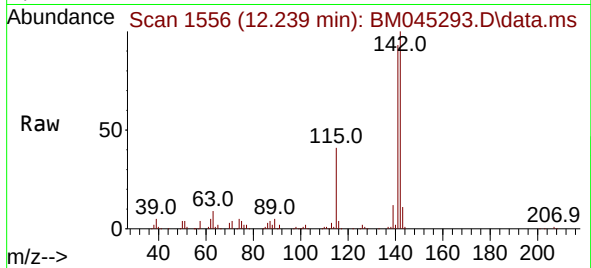
Tgt Ion:142 Resp: 213681  
Ion Ratio Lower Upper  
142 100  
141 94.4 72.3 108.5





#37  
1-Methylnaphthalene  
Concen: 24.638 ng/ul  
RT: 12.239 min Scan# 1556  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

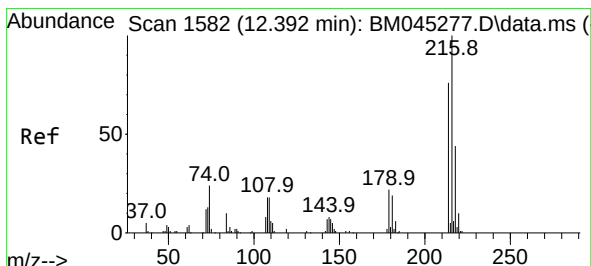
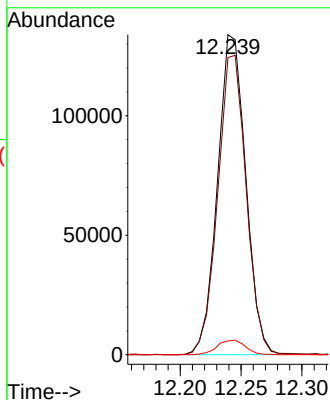
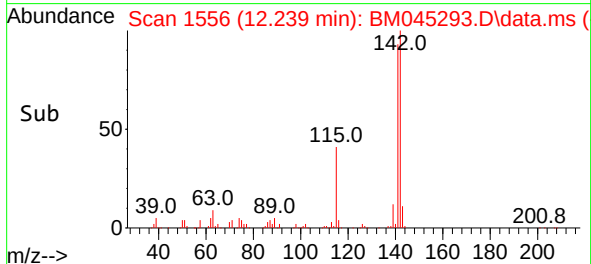
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:142 Resp: 216160  
Ion Ratio Lower Upper  
142 100  
141 92.9 77.2 115.8  
116 4.3 3.2 4.8

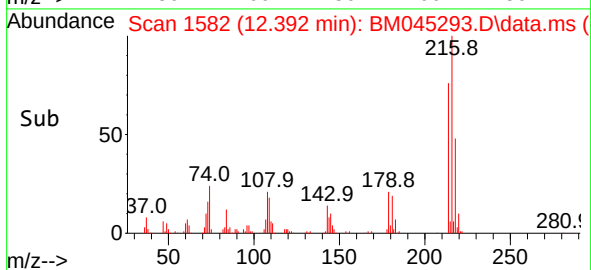
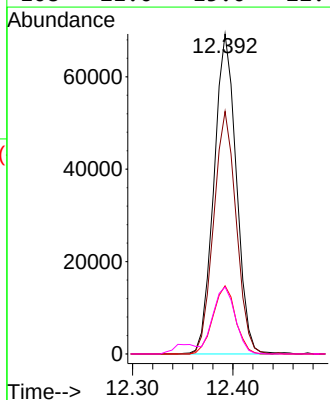
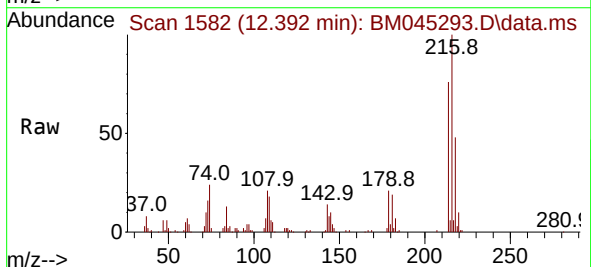
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

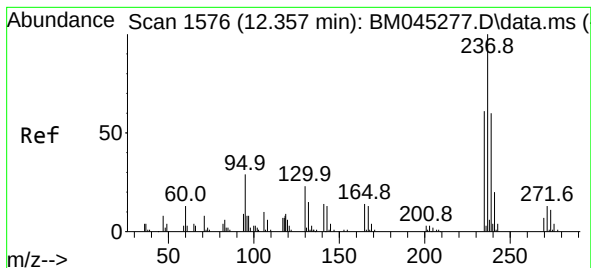


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 26.223 ng/ul  
RT: 12.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

Tgt Ion:216 Resp: 106973  
Ion Ratio Lower Upper  
216 100  
214 75.8 63.5 95.3  
179 21.3 16.6 25.0  
108 21.0 15.0 22.4







#40

Hexachlorocyclopentadiene

Concen: 23.163 ng/ul

RT: 12.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225

Tgt Ion:237 Resp: 57198

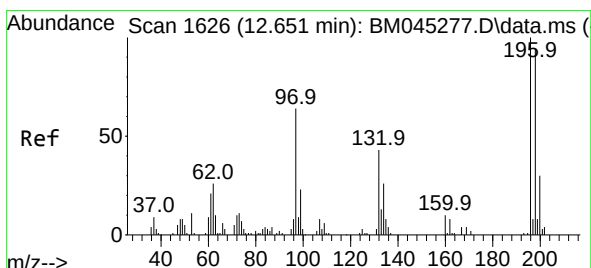
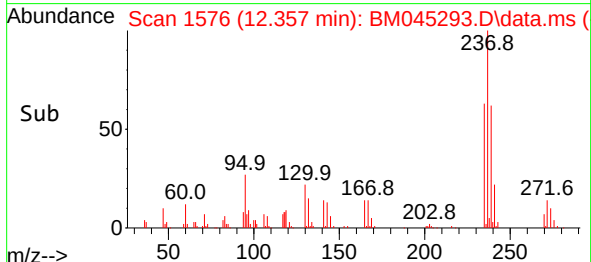
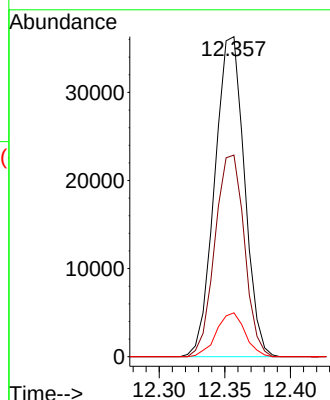
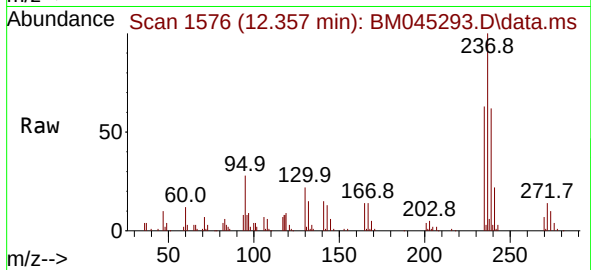
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 59.4  | 51.3  | 76.9  |
| 272 | 12.9  | 10.1  | 15.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#41

2,4,6-Trichlorophenol

Concen: 26.369 ng/ul

RT: 12.651 min Scan# 1626

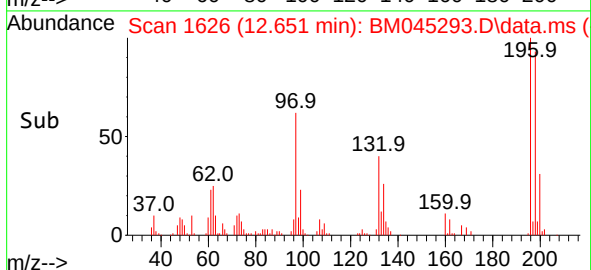
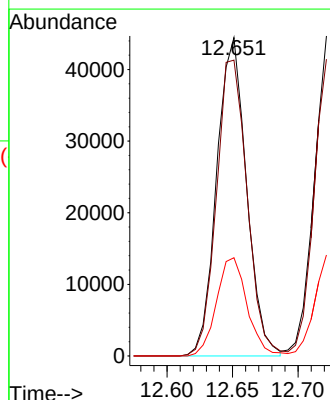
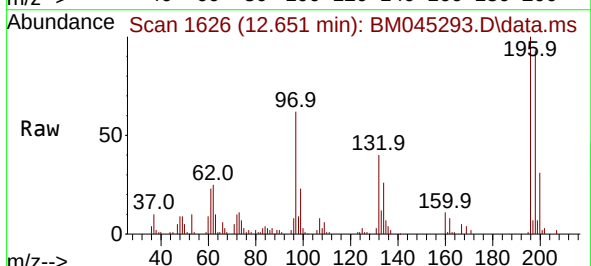
Delta R.T. -0.006 min

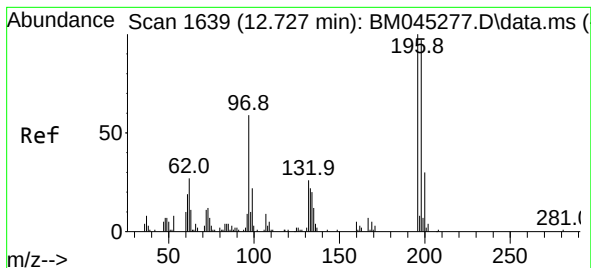
Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Tgt Ion:196 Resp: 70170

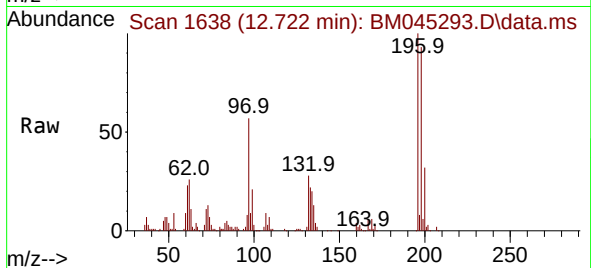
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 92.9  | 79.4  | 119.2 |
| 200 | 30.8  | 25.0  | 37.4  |





#42  
2,4,5-Trichlorophenol  
Concen: 25.618 ng/ul  
RT: 12.722 min Scan# 1638  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

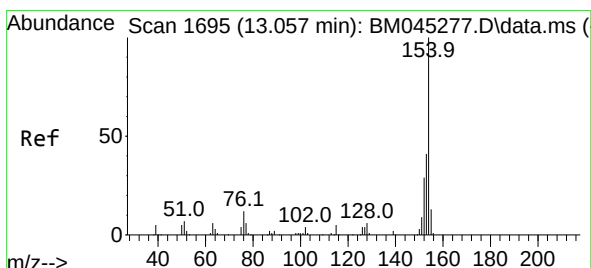
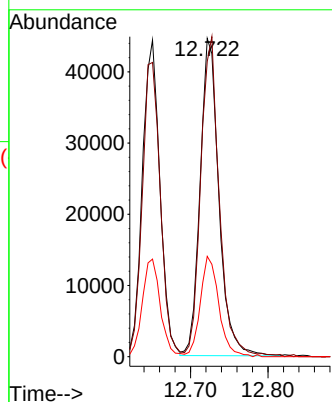
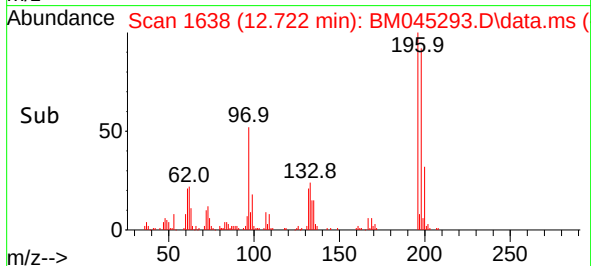
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



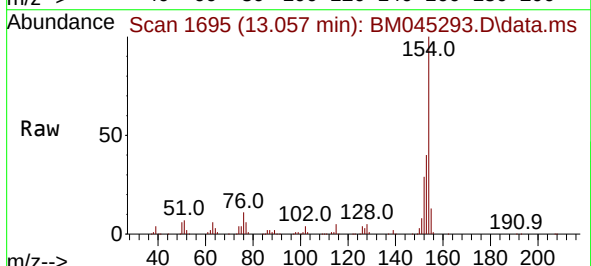
Tgt Ion:196 Resp: 7511  
Ion Ratio Lower Upper  
196 100  
198 92.8 79.9 119.9  
200 31.5 25.6 38.4

Manual Integrations  
APPROVED

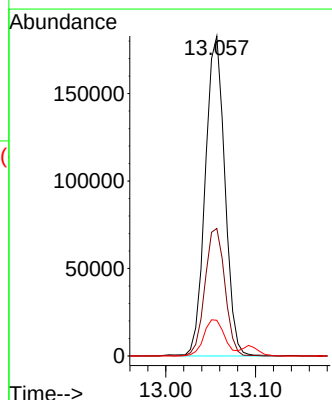
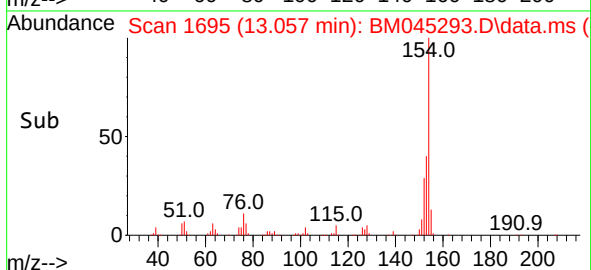
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

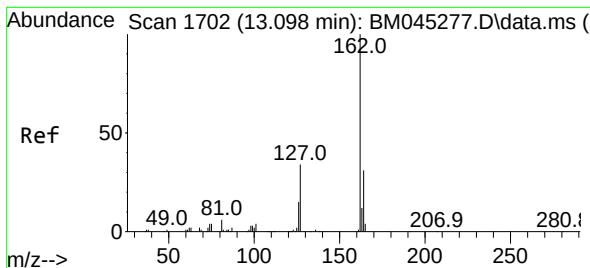


#43  
1,1'-Biphenyl  
Concen: 26.229 ng/ul  
RT: 13.057 min Scan# 1695  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



Tgt Ion:154 Resp: 276271  
Ion Ratio Lower Upper  
154 100  
153 39.8 31.6 47.4  
76 11.2 10.4 15.6





#44

2-Chloronaphthalene

Concen: 24.958 ng/ul

RT: 13.092 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM045293.D

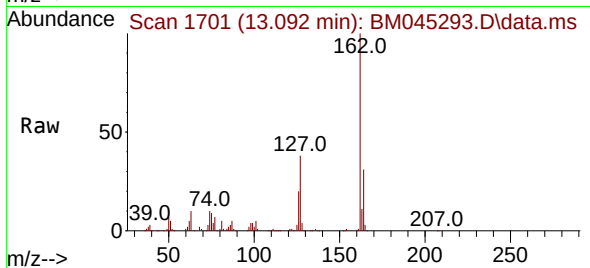
Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225



Tgt Ion:162 Resp: 213580

Ion Ratio Lower Upper

162 100

164 31.3 26.1 39.1

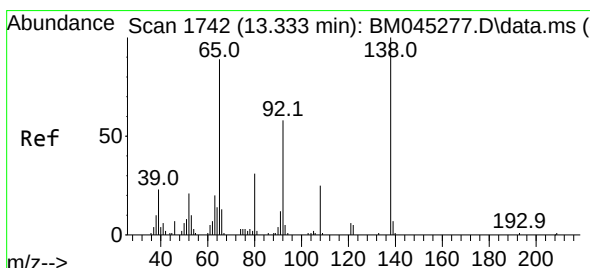
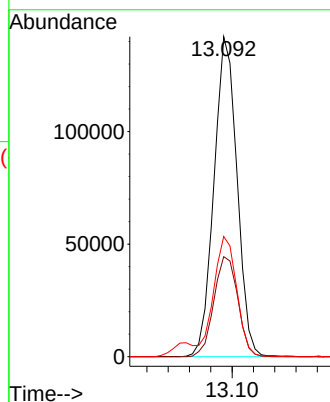
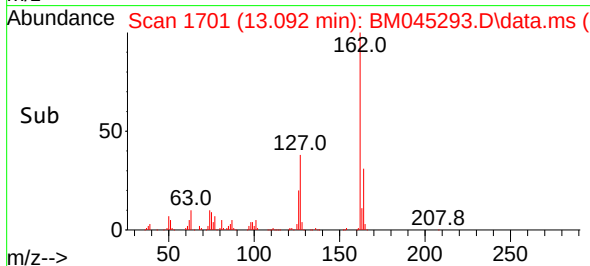
127 37.6 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#45

2-Nitroaniline

Concen: 25.717 ng/ul

RT: 13.327 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

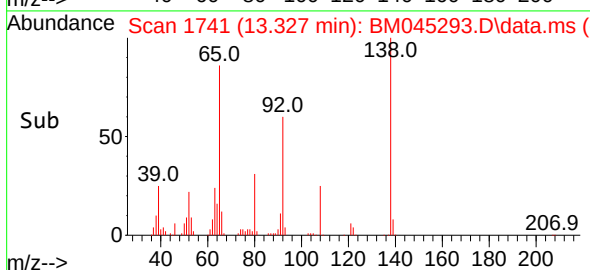
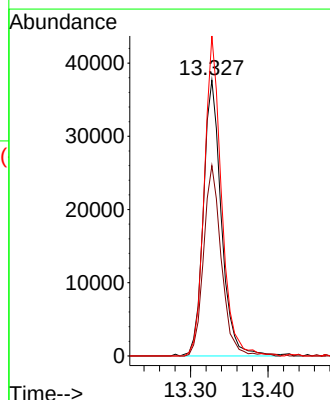
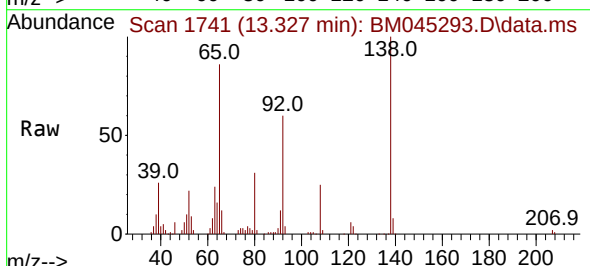
Tgt Ion: 65 Resp: 60748

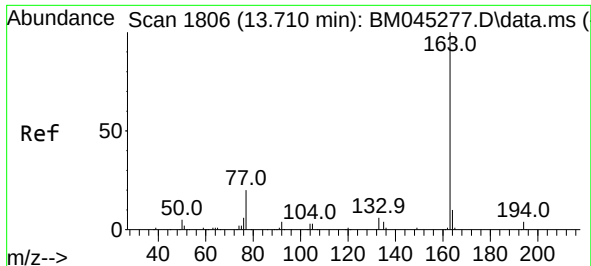
Ion Ratio Lower Upper

65 100

92 69.0 55.2 82.8

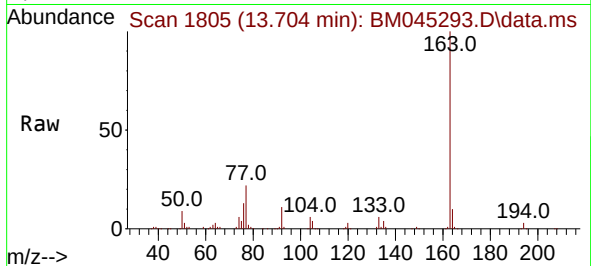
138 116.0 93.0 139.4





#47  
Dimethylphthalate  
Concen: 24.267 ng/ul  
RT: 13.704 min Scan# 1805  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

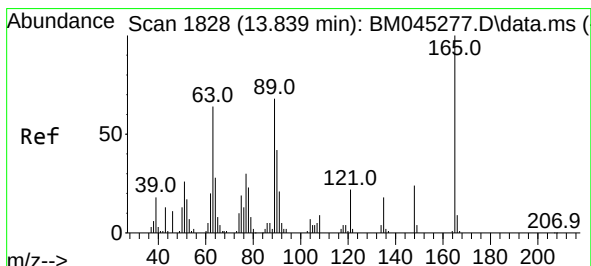
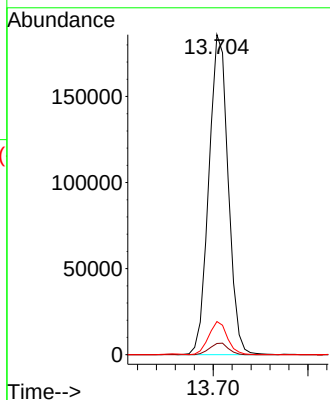
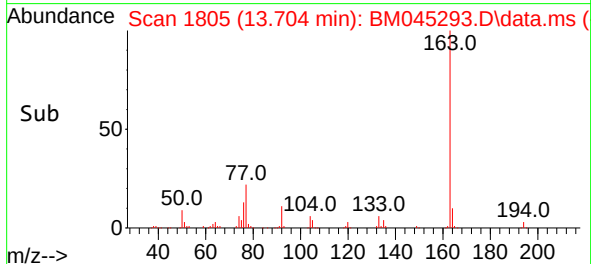
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



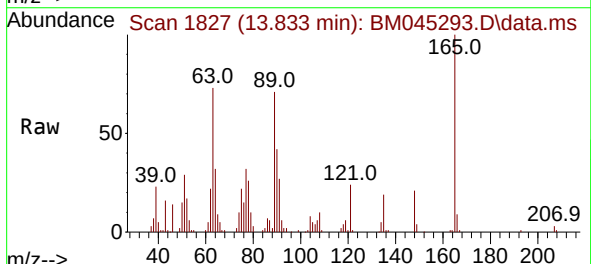
Tgt Ion:163 Resp: 263429  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.8 4.2  
164 10.3 7.8 11.8

Manual Integrations  
APPROVED

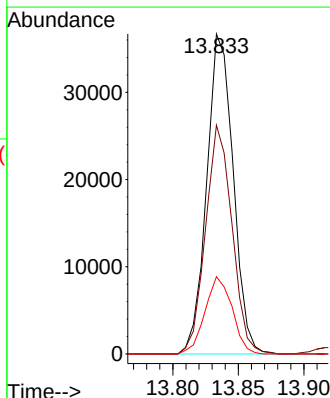
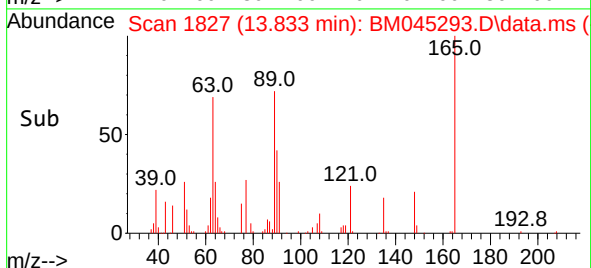
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

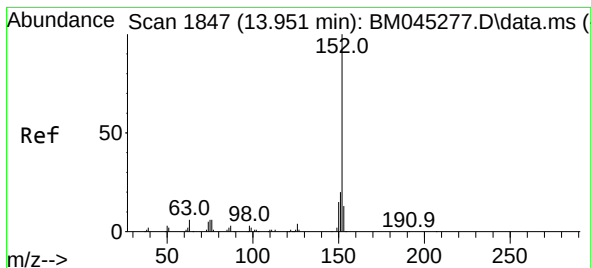


#48  
2,6-Dinitrotoluene  
Concen: 24.274 ng/ul  
RT: 13.833 min Scan# 1827  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



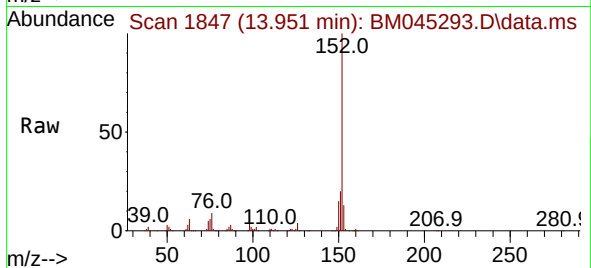
Tgt Ion:165 Resp: 51648  
Ion Ratio Lower Upper  
165 100  
89 71.5 45.0 67.4#  
121 24.1 18.0 27.0





#50  
Acenaphthylene  
Concen: 23.847 ng/ul  
RT: 13.951 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

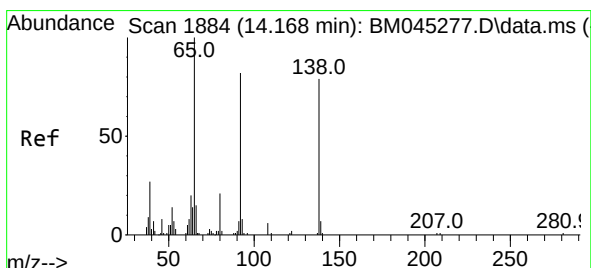
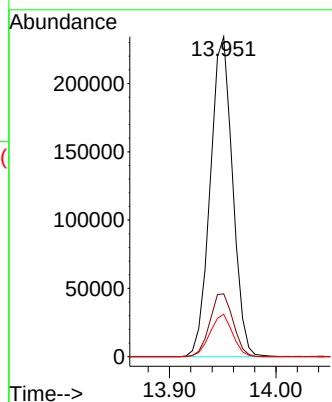
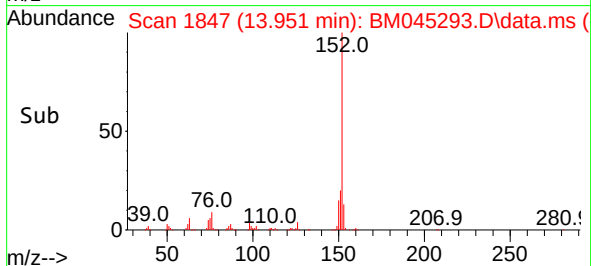
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



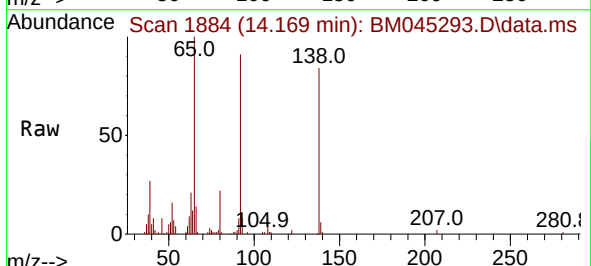
Tgt Ion:152 Resp: 341724  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.0 24.0  
153 13.2 10.2 15.2

Manual Integrations  
APPROVED

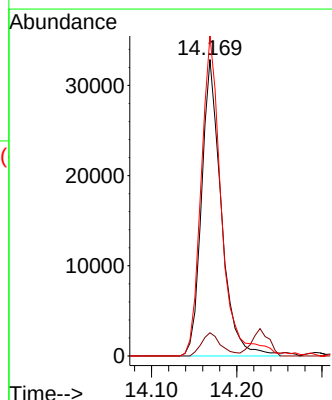
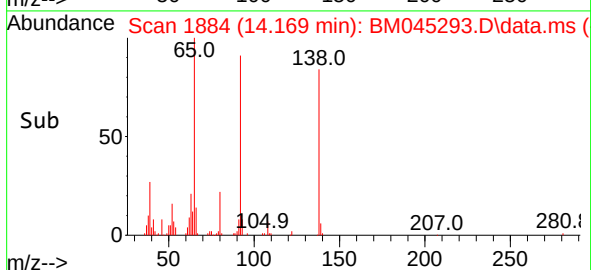
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

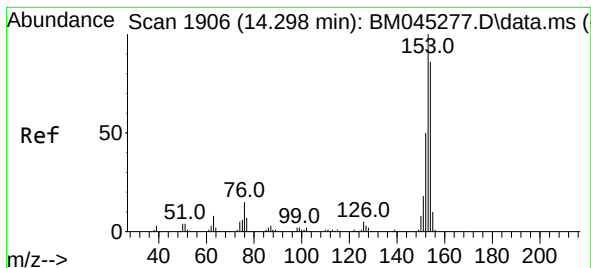


#51  
3-Nitroaniline  
Concen: 22.771 ng/ul  
RT: 14.169 min Scan# 1884  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



Tgt Ion:138 Resp: 52849  
Ion Ratio Lower Upper  
138 100  
108 7.8 6.5 9.7  
92 107.9 81.4 122.0





#52

Acenaphthene

Concen: 23.940 ng/ul

RT: 14.292 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225

Tgt Ion:153 Resp: 228910

Ion Ratio Lower Upper

153 100

152 49.0 38.6 58.0

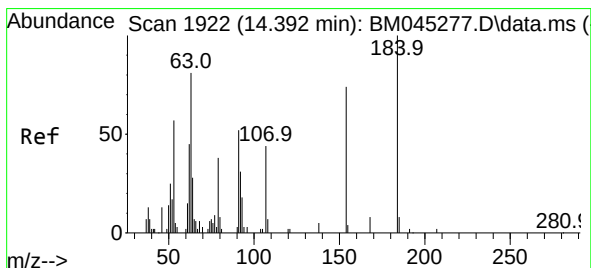
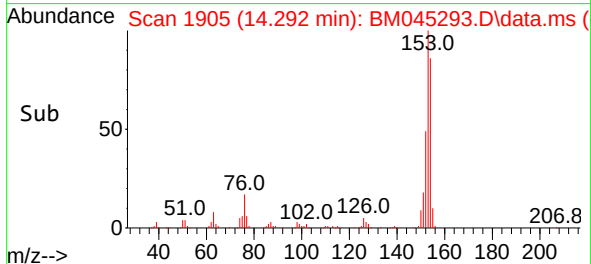
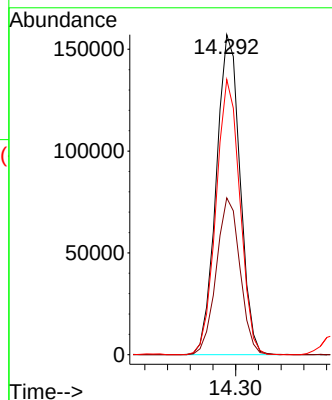
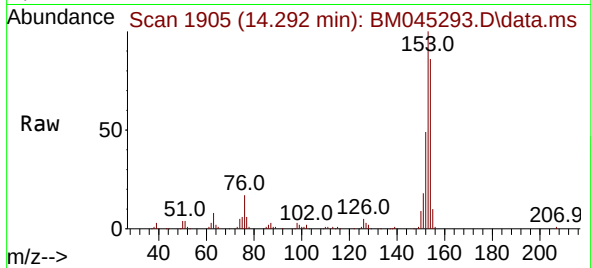
154 86.0 69.4 104.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#53

2,4-Dinitrophenol

Concen: 18.110 ng/ul

RT: 14.386 min Scan# 1921

Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

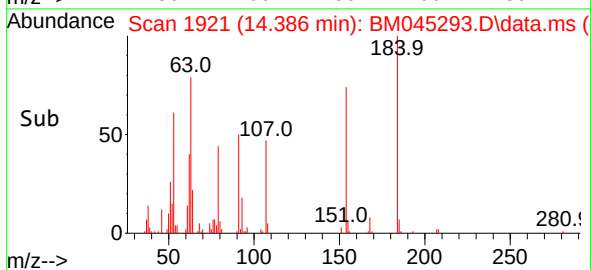
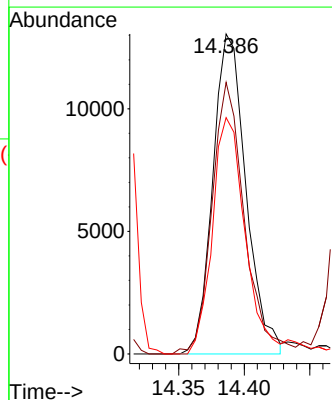
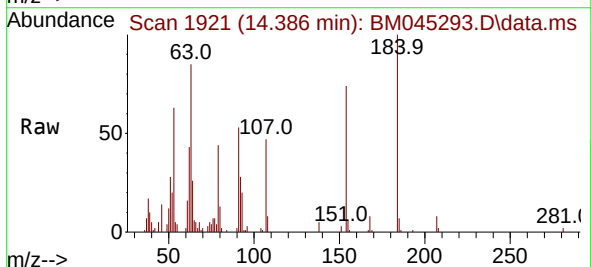
Tgt Ion:184 Resp: 22909

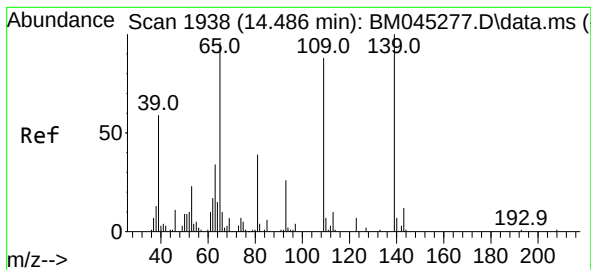
Ion Ratio Lower Upper

184 100

63 84.8 56.9 85.3

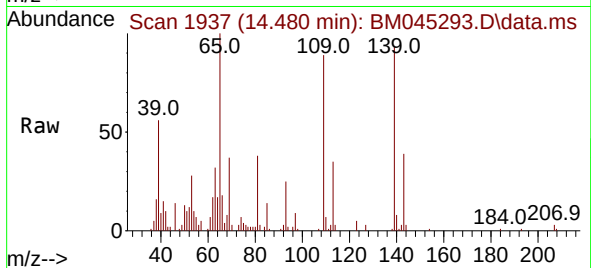
154 73.8 50.3 75.5





#55  
4-Nitrophenol  
Concen: 21.691 ng/ul  
RT: 14.480 min Scan# 1938  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

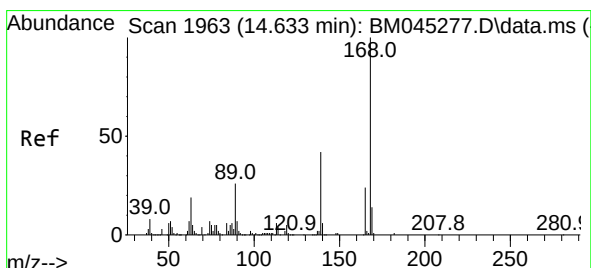
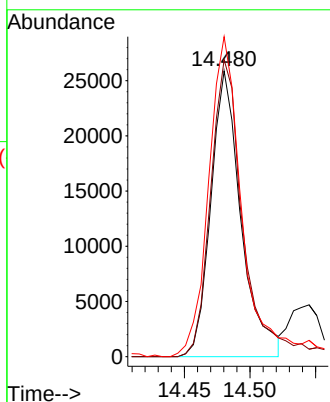
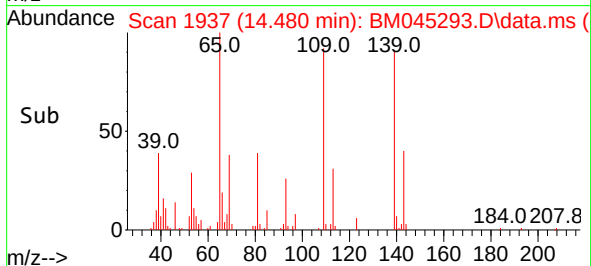
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:109 Resp: 41348  
Ion Ratio Lower Upper  
109 100  
139 103.9 107.7 161.5  
65 112.0 96.3 144.5

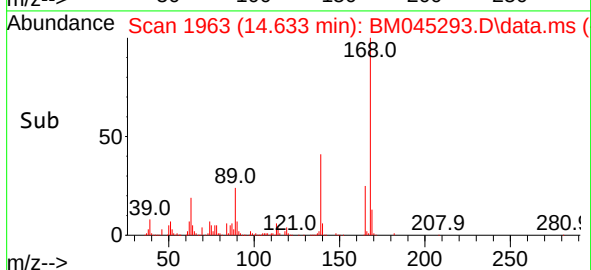
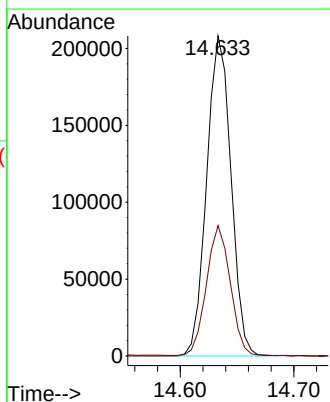
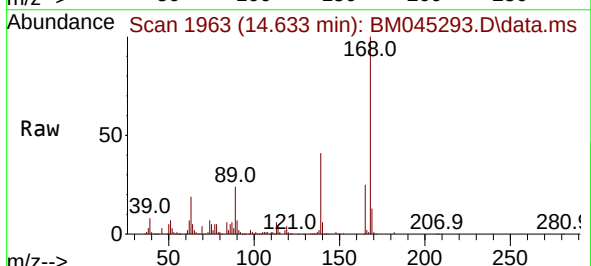
Manual Integrations  
APPROVED

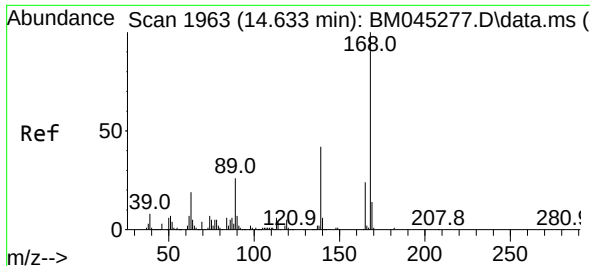
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#56  
Dibenzofuran  
Concen: 23.682 ng/ul  
RT: 14.633 min Scan# 1963  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

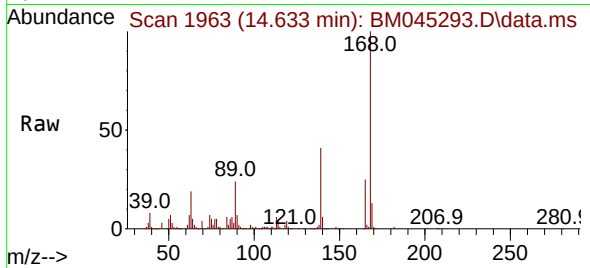
Tgt Ion:168 Resp: 309873  
Ion Ratio Lower Upper  
168 100  
139 40.8 30.6 46.0





#57  
2,4-Dinitrotoluene  
Concen: 22.919 ng/ul  
RT: 14.633 min Scan# 1963  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

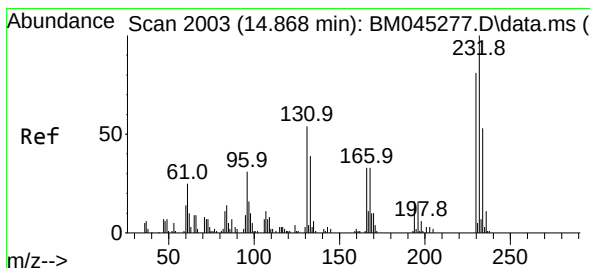
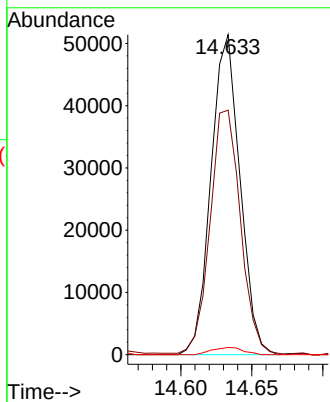
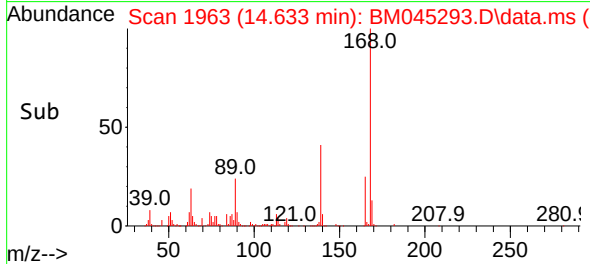
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:165 Resp: 7299  
Ion Ratio Lower Upper  
165 100  
63 76.4 52.0 78.0  
182 2.3 2.3 3.5

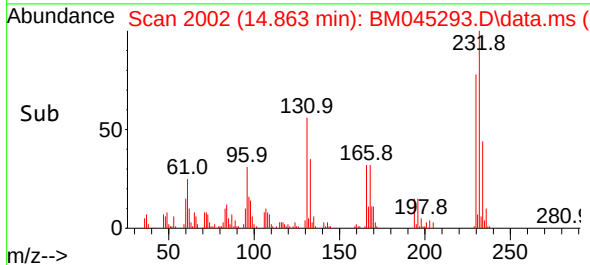
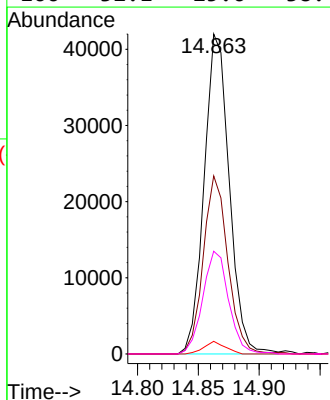
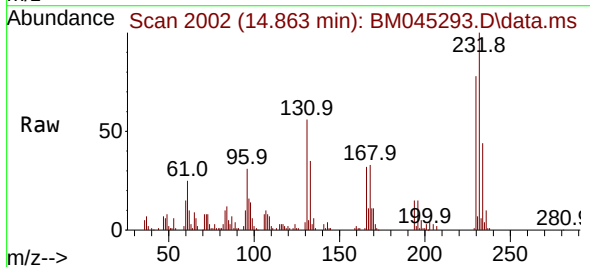
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

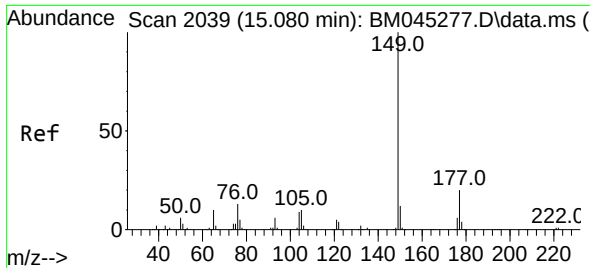


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 24.084 ng/ul  
RT: 14.863 min Scan# 2002  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

Tgt Ion:232 Resp: 60437  
Ion Ratio Lower Upper  
232 100  
131 55.6 43.4 65.0  
130 4.0 2.6 4.0#  
166 32.1 25.6 38.4







#59  
Diethylphthalate  
Concen: 24.647 ng/ul  
RT: 15.080 min Scan# 2039  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

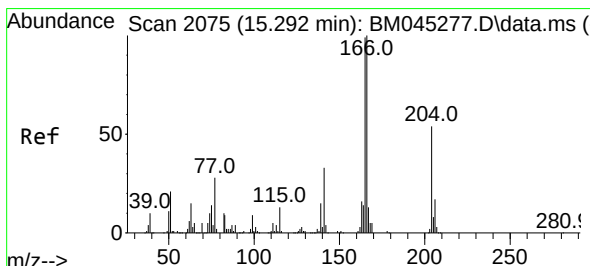
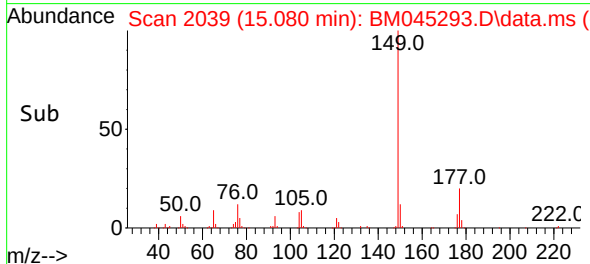
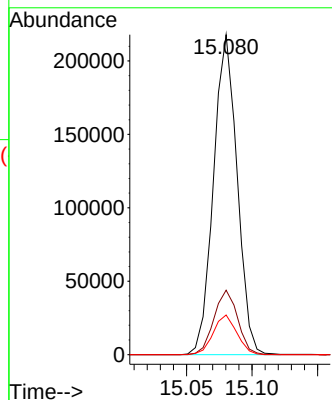
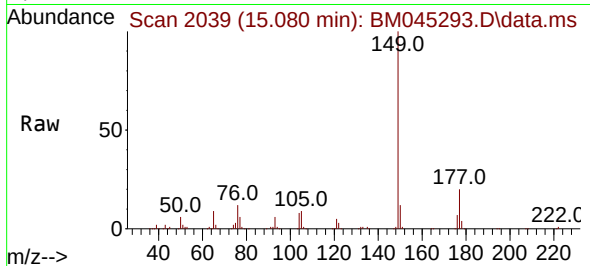
SLCS225

Tgt Ion:149 Resp: 272964  
Ion Ratio Lower Upper  
149 100  
177 20.1 16.4 24.6  
150 12.4 10.3 15.5

Manual Integrations

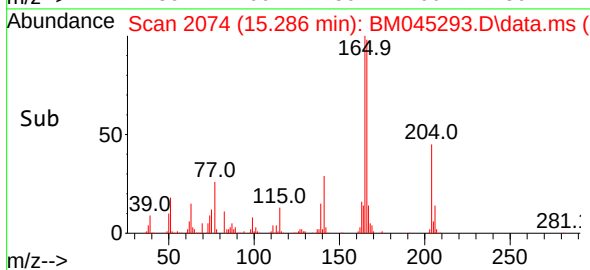
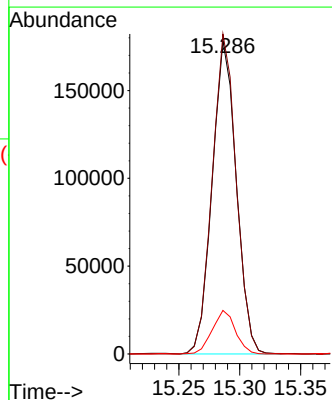
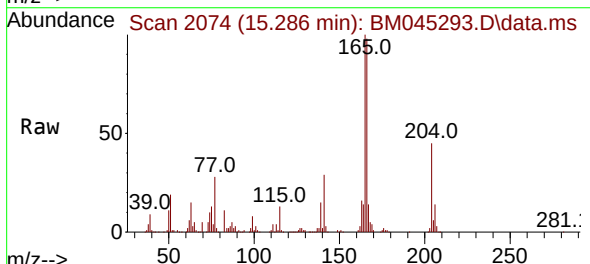
APPROVED

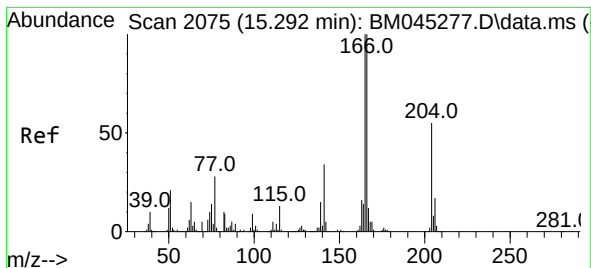
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#61  
Fluorene  
Concen: 22.290 ng/ul  
RT: 15.286 min Scan# 2074  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

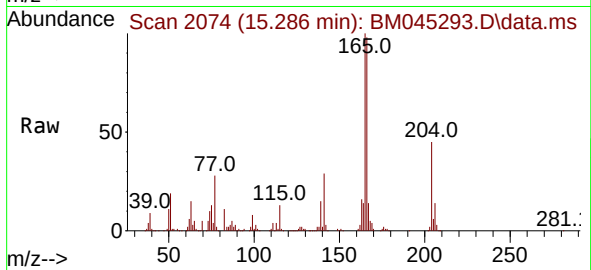
Tgt Ion:166 Resp: 245819  
Ion Ratio Lower Upper  
166 100  
165 102.2 80.5 120.7  
167 13.9 11.0 16.6





#62  
4-Chlorophenyl-phenylether  
Concen: 22.448 ng/ul  
RT: 15.286 min Scan# 2074  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

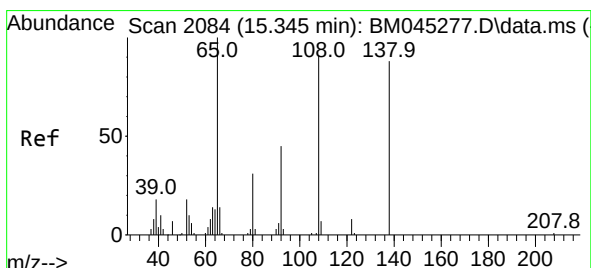
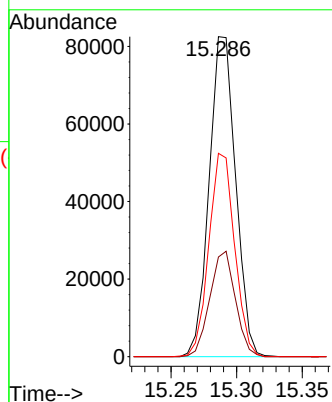
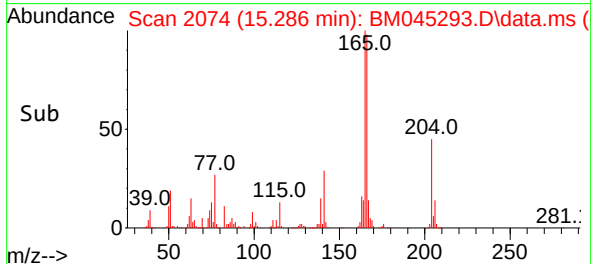
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:204 Resp: 11603  
Ion Ratio Lower Upper  
204 100  
206 31.2 24.9 37.3  
141 63.5 46.2 69.2

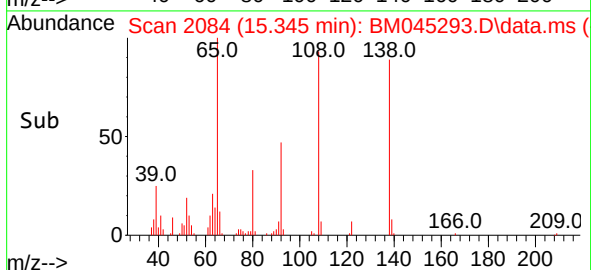
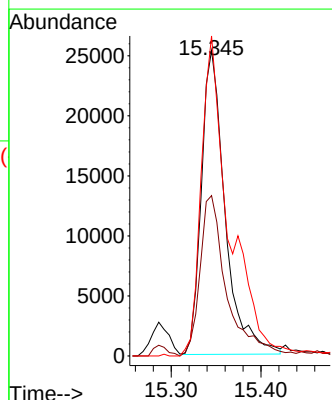
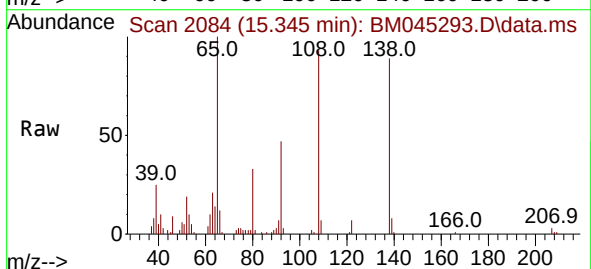
Manual Integrations  
APPROVED

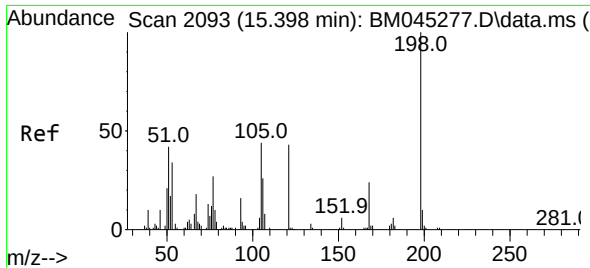
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#63  
4-Nitroaniline  
Concen: 22.030 ng/ul  
RT: 15.345 min Scan# 2084  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

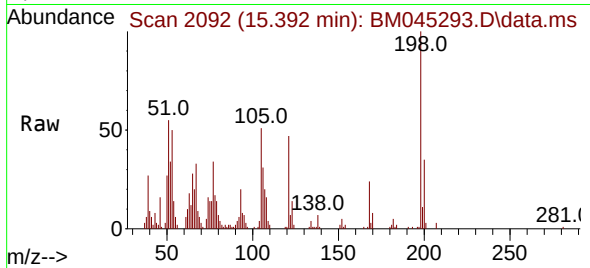
Tgt Ion:138 Resp: 46484  
Ion Ratio Lower Upper  
138 100  
92 52.4 39.8 59.6  
108 104.7 66.4 99.6#





#66  
4,6-Dinitro-2-methylphenol  
Concen: 22.013 ng/ul  
RT: 15.392 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

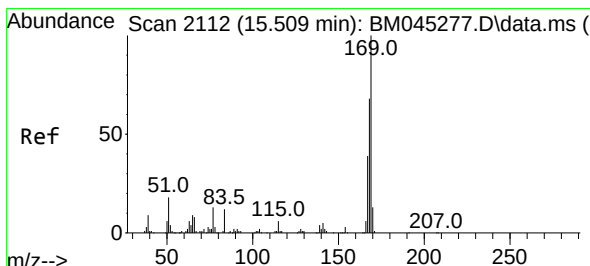
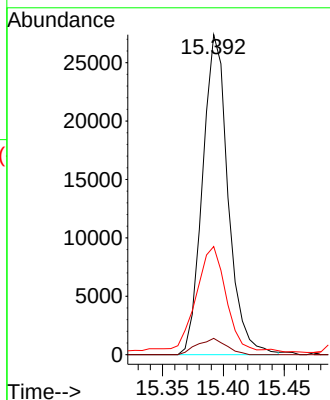
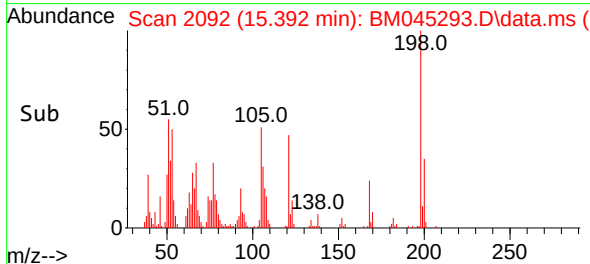
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:198 Resp: 40028  
Ion Ratio Lower Upper  
198 100  
182 5.1 3.8 5.6  
77 33.8 24.6 37.0

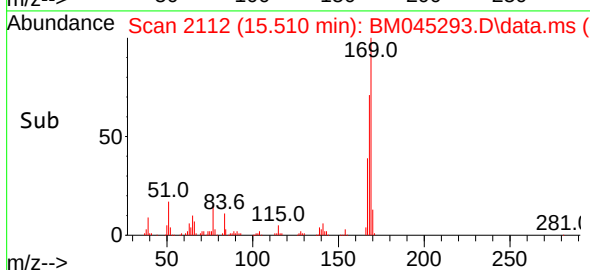
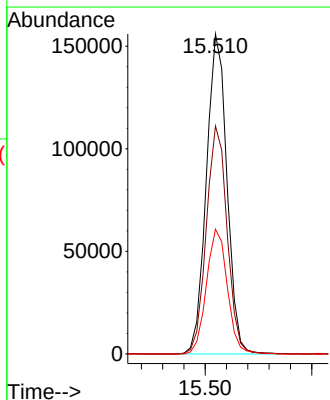
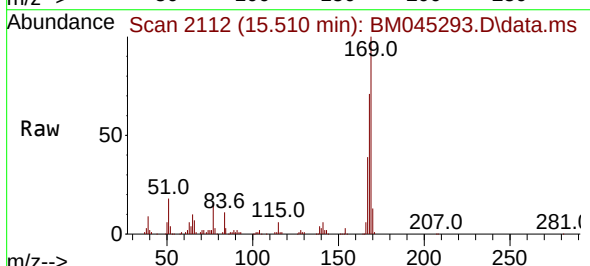
Manual Integrations  
APPROVED

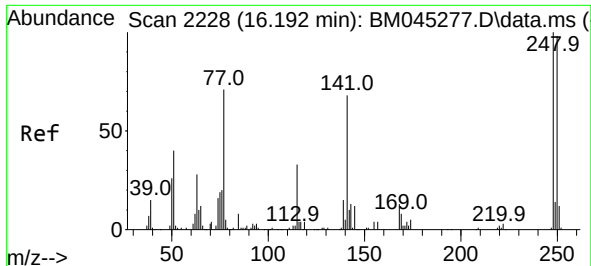
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#67  
N-Nitrosodiphenylamine  
Concen: 27.131 ng/ul  
RT: 15.510 min Scan# 2112  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

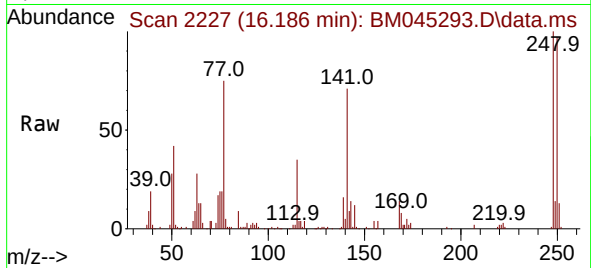
Tgt Ion:169 Resp: 209591  
Ion Ratio Lower Upper  
169 100  
168 71.2 56.7 85.1  
167 39.0 31.2 46.8





#68  
4-Bromophenyl-phenylether  
Concen: 26.638 ng/ul  
RT: 16.186 min Scan# 211  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

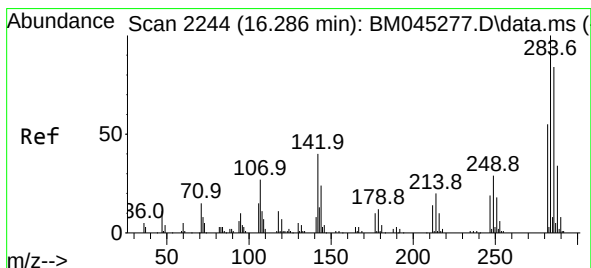
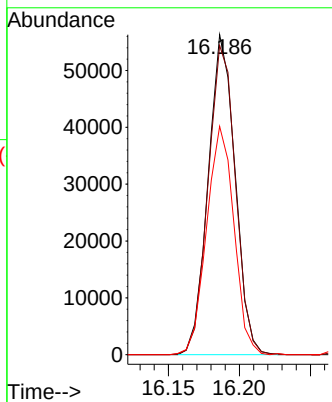
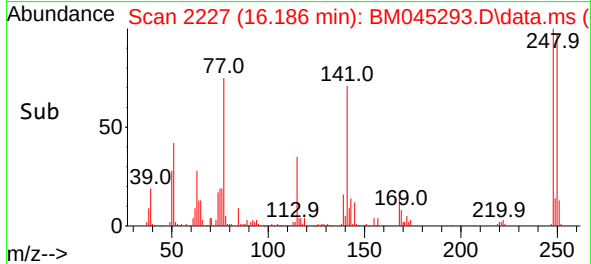
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



Tgt Ion:248 Resp: 7429  
Ion Ratio Lower Upper  
248 100  
250 96.6 81.0 121.6  
141 71.3 55.1 82.7

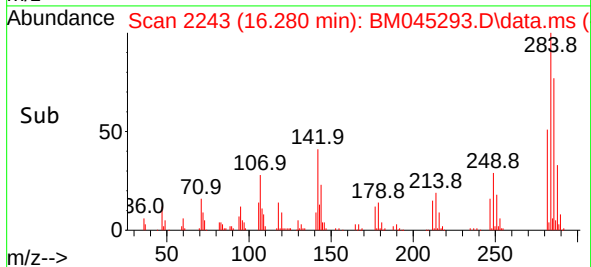
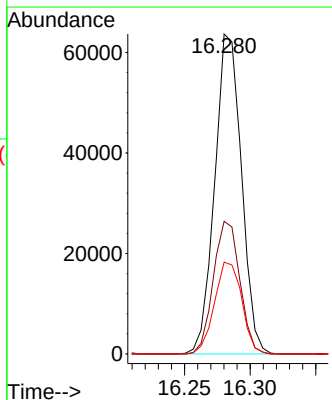
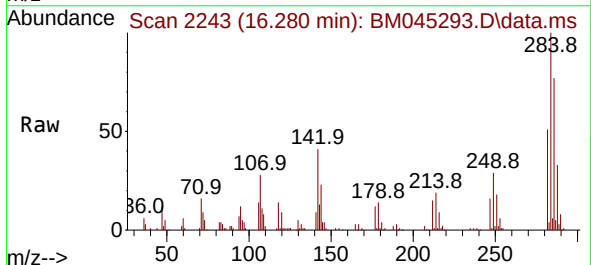
Manual Integrations  
APPROVED

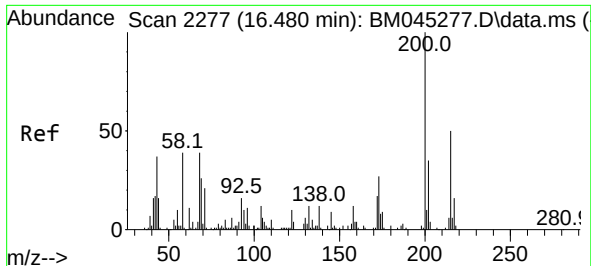
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024



#69  
Hexachlorobenzene  
Concen: 24.858 ng/ul  
RT: 16.280 min Scan# 2243  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

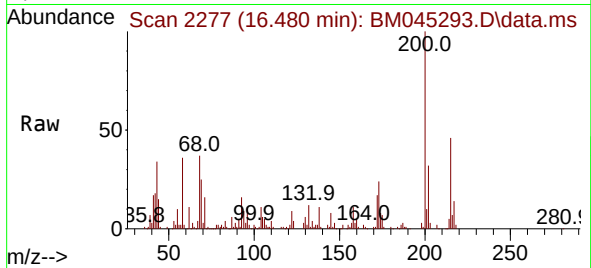
Tgt Ion:284 Resp: 90183  
Ion Ratio Lower Upper  
284 100  
142 41.4 27.3 40.9#  
249 28.7 23.6 35.4





#70  
Atrazine  
Concen: 24.360 ng/ul  
RT: 16.480 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

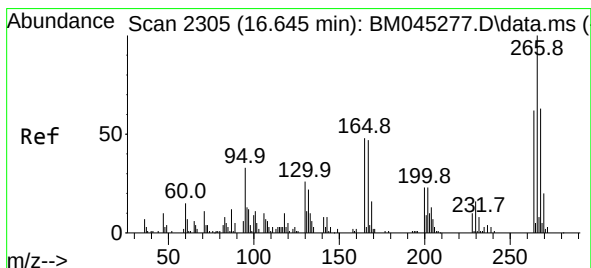
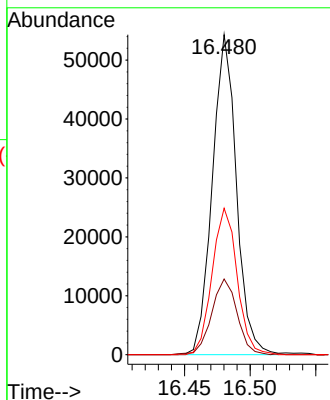
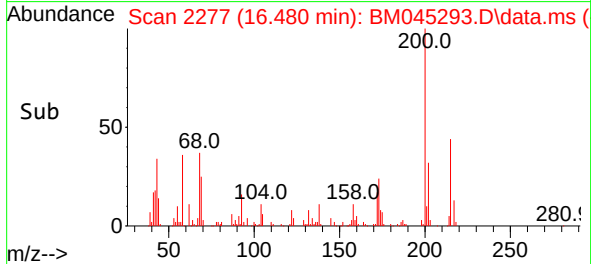
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



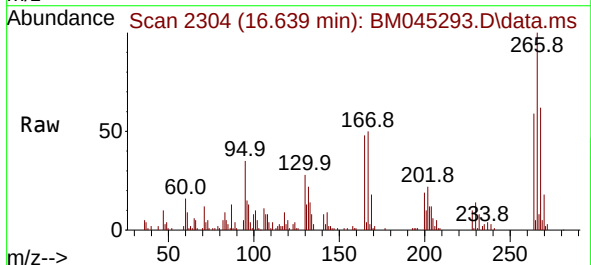
Tgt Ion:200 Resp: 6922  
Ion Ratio Lower Upper  
200 100  
173 23.6 20.3 30.5  
215 45.8 37.9 56.9

Manual Integrations  
APPROVED

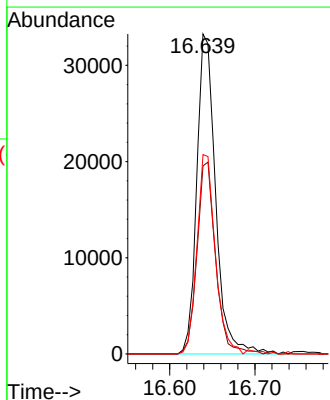
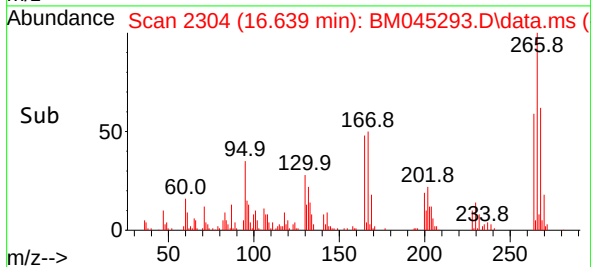
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

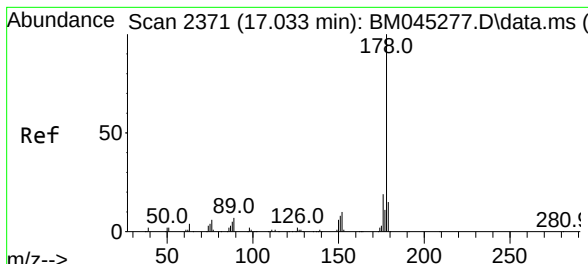


#71  
Pentachlorophenol  
Concen: 23.195 ng/ul  
RT: 16.639 min Scan# 2304  
Delta R.T. -0.012 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



Tgt Ion:266 Resp: 51117  
Ion Ratio Lower Upper  
266 100  
264 58.8 49.3 73.9  
268 67.3 53.3 79.9





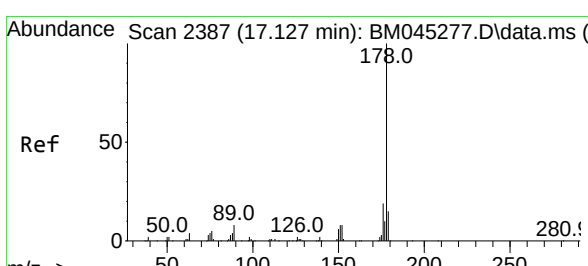
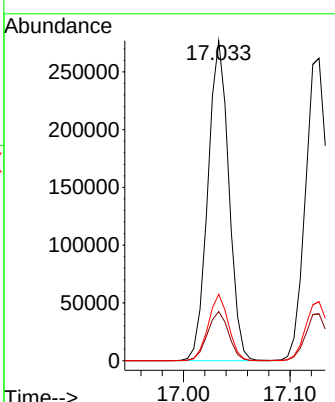
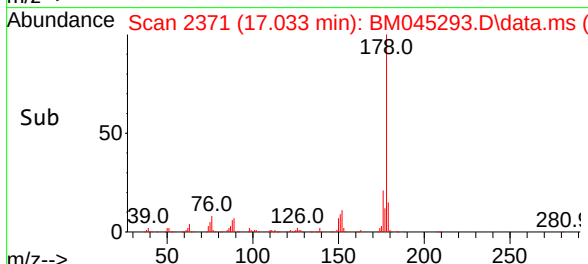
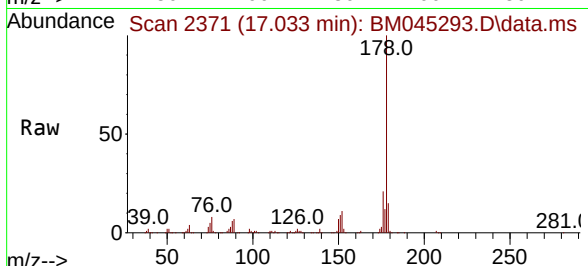
#72  
 Phenanthrene  
 Concen: 24.516 ng/u1  
 RT: 17.033 min Scan# 2371  
 Delta R.T. -0.006 min  
 Lab File: BM045293.D  
 Acq: 16 Apr 2024 22:32

Instrument : BNA\_M  
 ClientSampleId : SLCS225

Tgt Ion:178 Resp: 37779

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 11.9  | 17.9  |
| 176 | 20.8  | 15.4  | 23.2  |

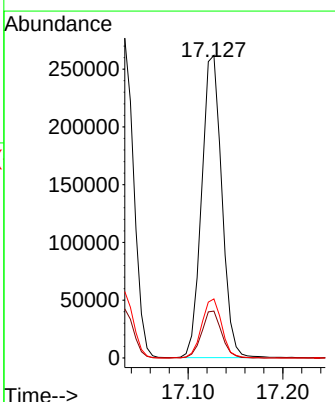
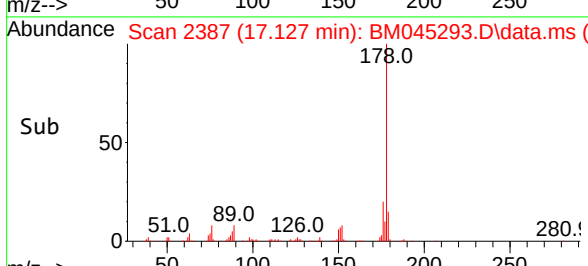
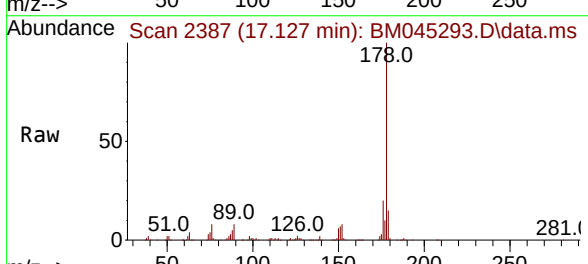
Manual Integrations  
**APPROVED**  
 Reviewed By :Yogesh Patel 04/17/2024  
 Supervised By :mohammad ahmed 04/18/2024

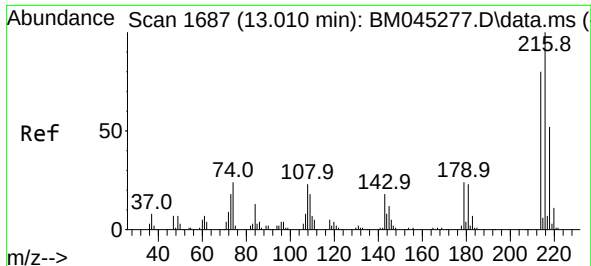


#74  
 Anthracene  
 Concen: 24.497 ng/u1  
 RT: 17.127 min Scan# 2387  
 Delta R.T. -0.006 min  
 Lab File: BM045293.D  
 Acq: 16 Apr 2024 22:32

Tgt Ion:178 Resp: 386156

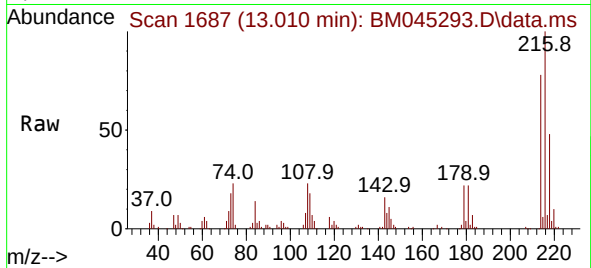
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.5  | 12.3  | 18.5  |
| 176 | 19.5  | 15.8  | 23.6  |





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 28.531 ng/uL  
RT: 13.010 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

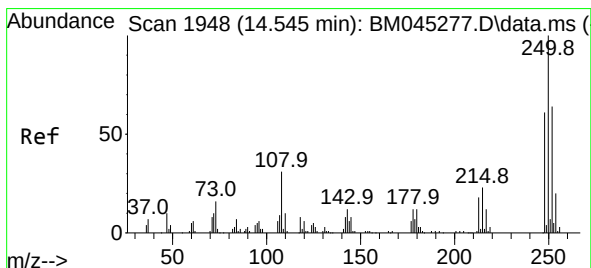
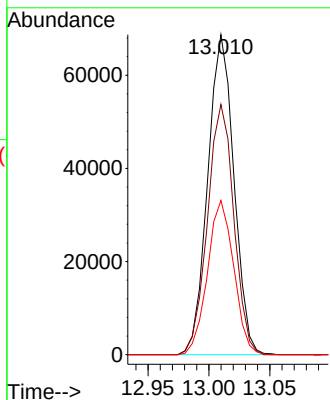
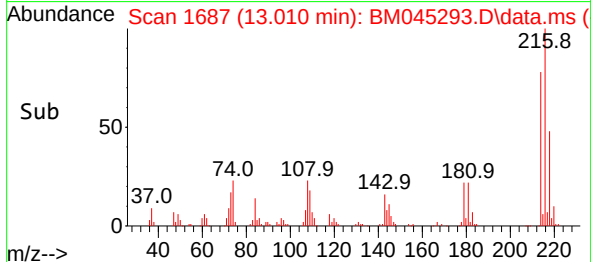
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



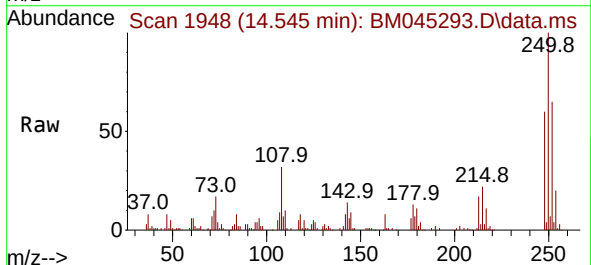
Tgt Ion:216 Resp: 102975  
Ion Ratio Lower Upper  
216 100  
214 78.2 64.1 96.1  
218 48.2 38.6 58.0

Manual Integrations  
APPROVED

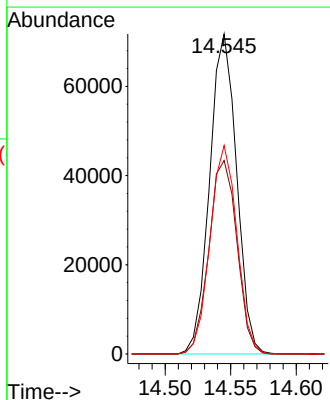
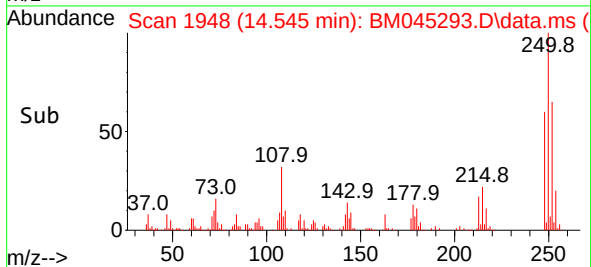
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

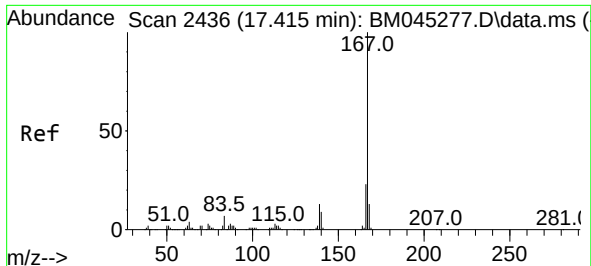


#76  
Pentachlorobenzene  
Concen: 26.732 ng/uL  
RT: 14.545 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



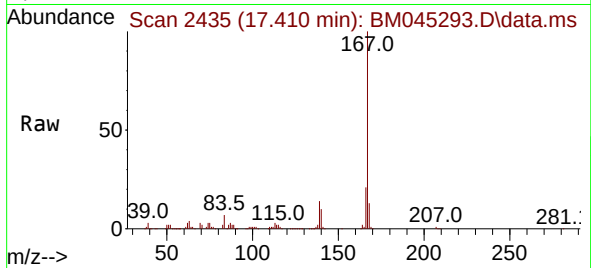
Tgt Ion:250 Resp: 102658  
Ion Ratio Lower Upper  
250 100  
248 60.4 49.8 74.6  
252 65.1 49.4 74.2





#77  
 Carbazole  
 Concen: 23.257 ng/ul  
 RT: 17.410 min Scan# 2436  
 Delta R.T. -0.012 min  
 Lab File: BM045293.D  
 Acq: 16 Apr 2024 22:32

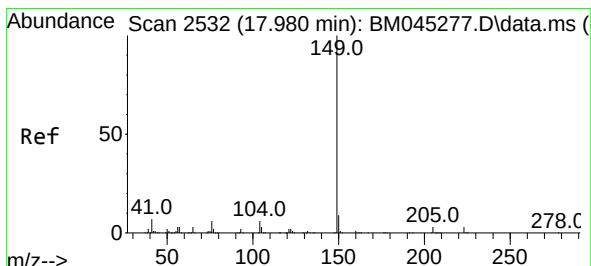
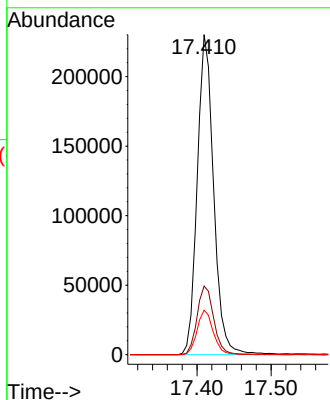
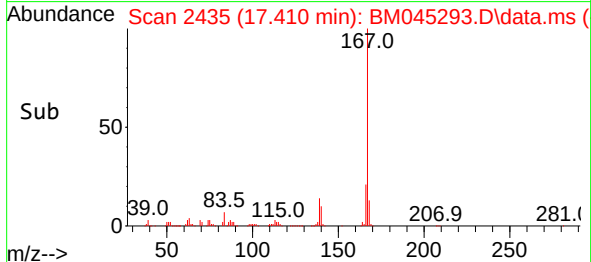
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS225



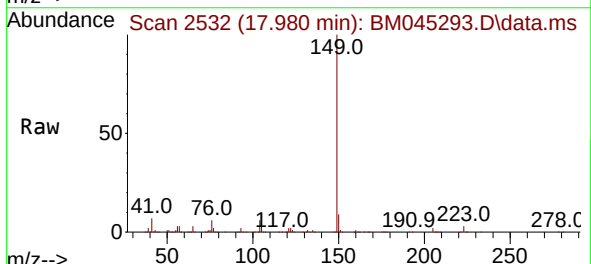
Tgt Ion:167 Resp: 353512  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.3 25.9  
 139 13.9 10.7 16.1

Manual Integrations  
 APPROVED

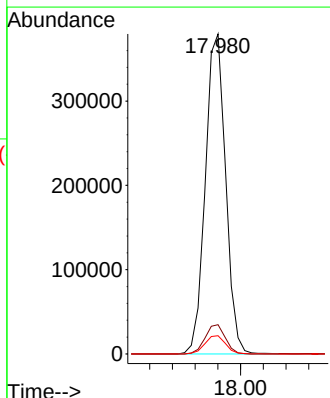
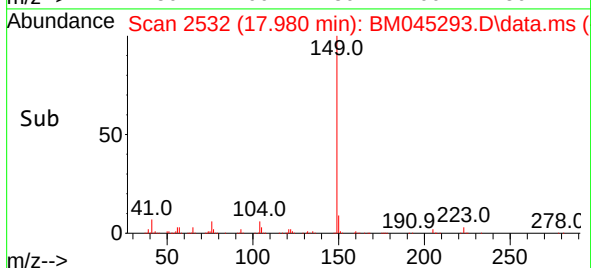
Reviewed By :Yogesh Patel 04/17/2024  
 Supervised By :mohammad ahmed 04/18/2024



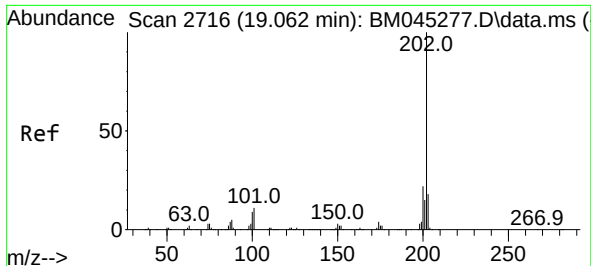
#78  
 Di-n-butylphthalate  
 Concen: 27.466 ng/ul  
 RT: 17.980 min Scan# 2532  
 Delta R.T. -0.006 min  
 Lab File: BM045293.D  
 Acq: 16 Apr 2024 22:32



Tgt Ion:149 Resp: 470818  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.2 10.8  
 104 5.7 4.3 6.5

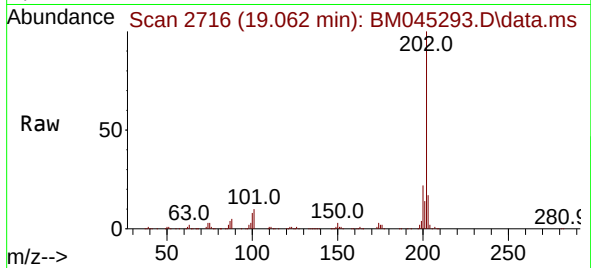






#80  
Fluoranthene  
Concen: 27.268 ng/u1  
RT: 19.062 min Scan# 2716  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32

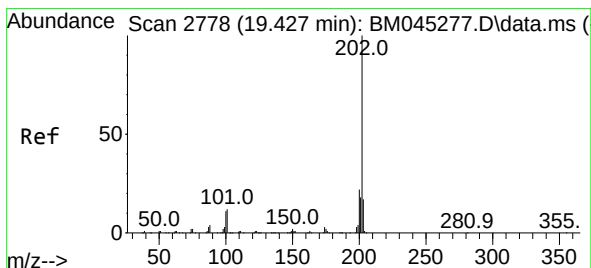
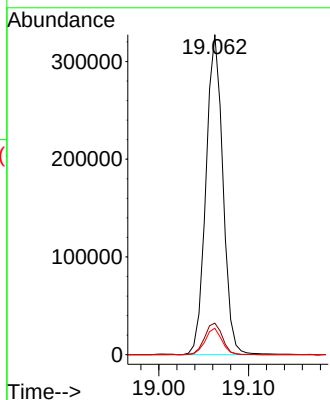
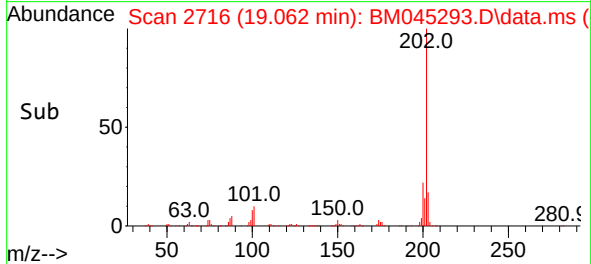
Instrument :  
BNA\_M  
ClientSampleId :  
SLCS225



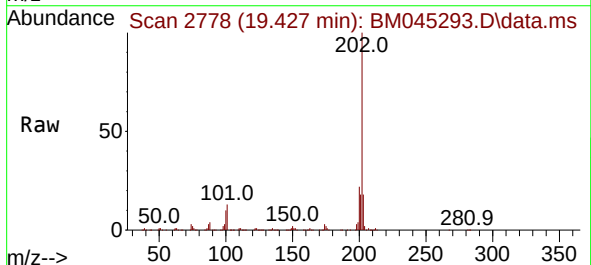
Tgt Ion:202 Resp: 429558  
Ion Ratio Lower Upper  
202 100  
101 9.9 8.7 13.1  
100 8.3 6.3 9.5

Manual Integrations  
APPROVED

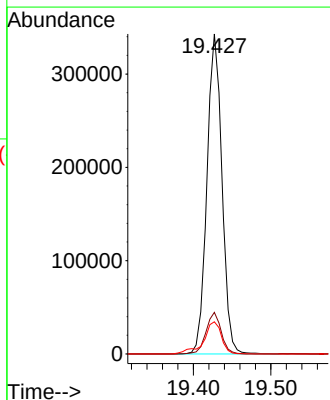
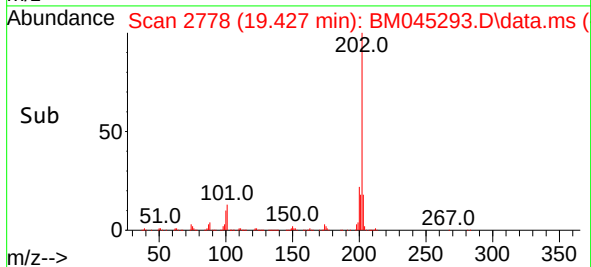
Reviewed By :Yogesh Patel 04/17/2024  
Supervised By :mohammad ahmed 04/18/2024

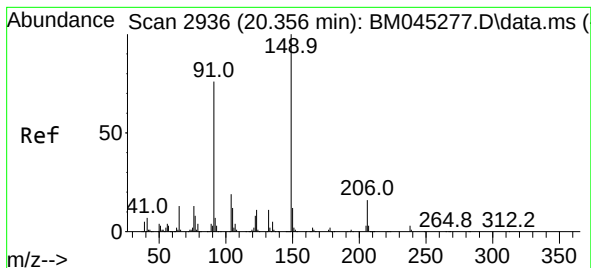


#82  
Pyrene  
Concen: 27.138 ng/u1  
RT: 19.427 min Scan# 2778  
Delta R.T. -0.006 min  
Lab File: BM045293.D  
Acq: 16 Apr 2024 22:32



Tgt Ion:202 Resp: 461340  
Ion Ratio Lower Upper  
202 100  
101 13.0 10.2 15.4  
100 10.1 8.5 12.7





#83

Butylbenzylphthalate

Concen: 28.634 ng/ul

RT: 20.351 min Scan# 2935

Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225

Tgt Ion:149 Resp: 20394

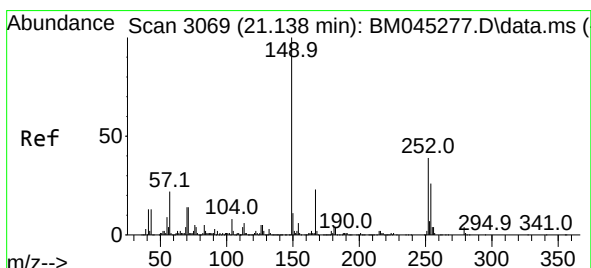
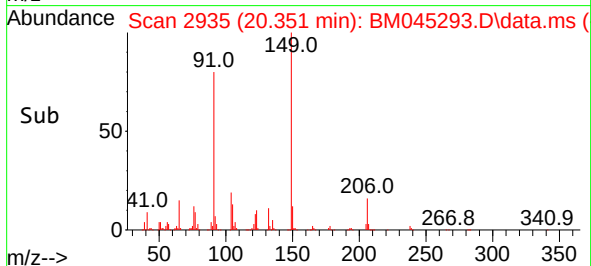
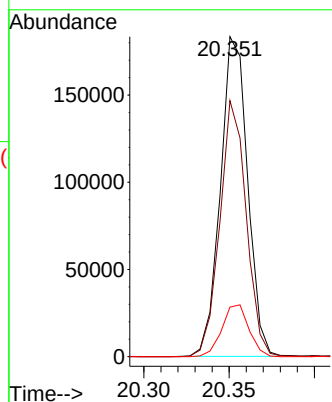
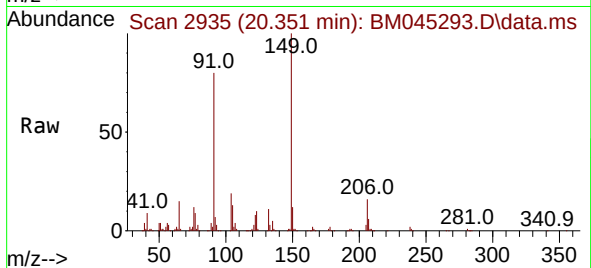
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 80.0  | 56.2  | 84.4  |
| 206 | 15.5  | 14.3  | 21.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#84

3,3'-Dichlorobenzidine

Concen: 22.989 ng/ul

RT: 21.133 min Scan# 3068

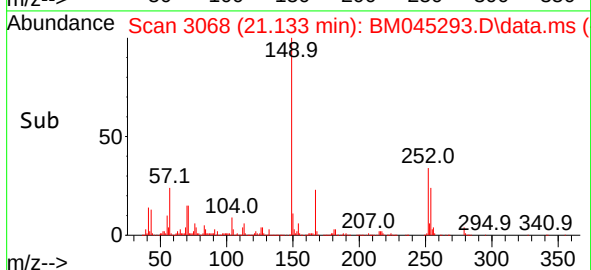
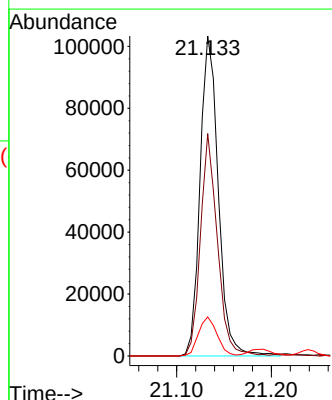
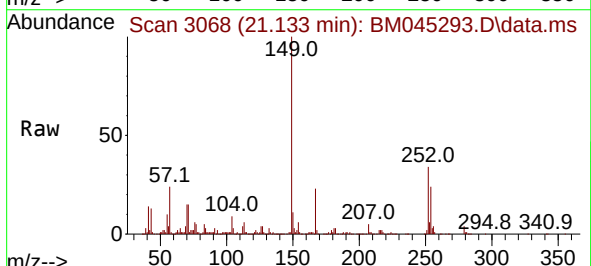
Delta R.T. -0.012 min

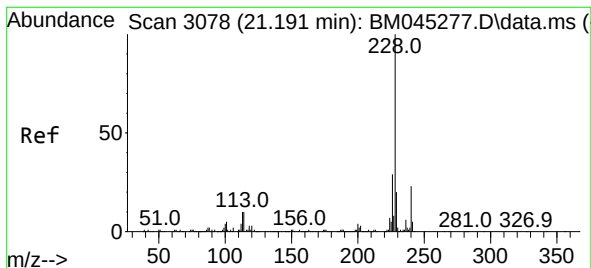
Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Tgt Ion:252 Resp: 138649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 69.5  | 53.9  | 80.9  |
| 126 | 12.2  | 9.0   | 13.4  |





#85

Benzo(a)anthracene

Concen: 24.457 ng/ul

RT: 21.186 min Scan# 3078

Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225

Tgt Ion:228 Resp: 45012

Ion Ratio Lower Upper

228 100

229 18.6 15.5 23.3

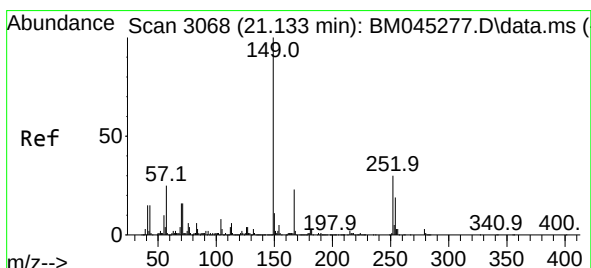
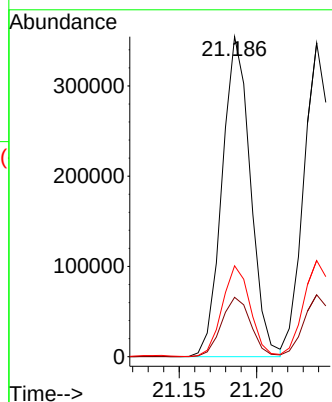
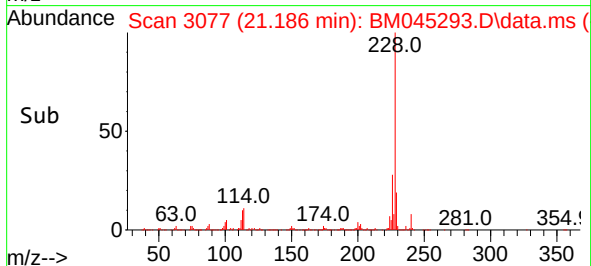
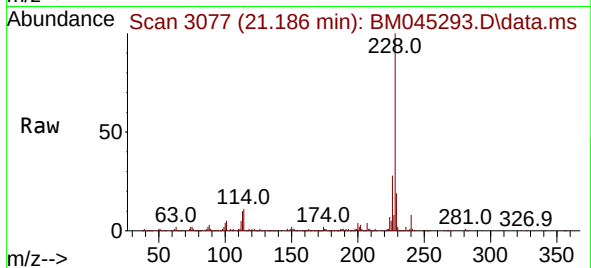
226 28.4 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.969 ng/ul

RT: 21.133 min Scan# 3068

Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

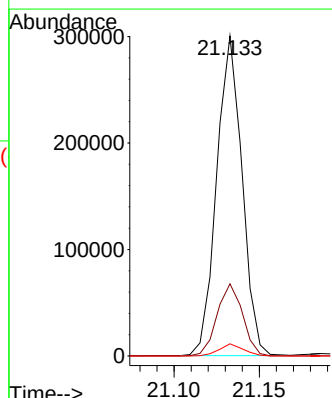
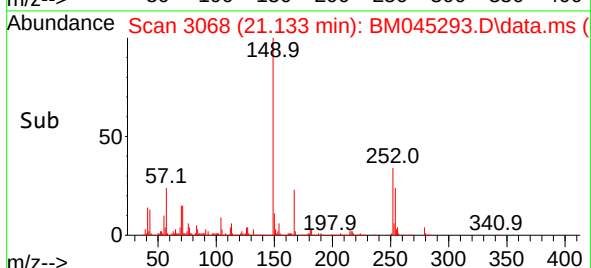
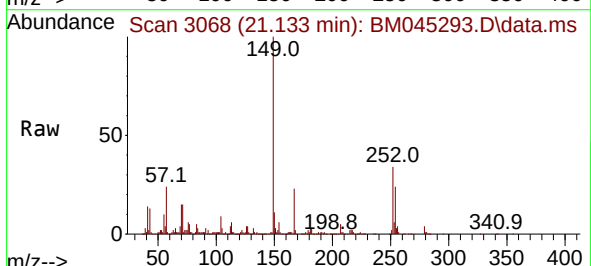
Tgt Ion:149 Resp: 311382

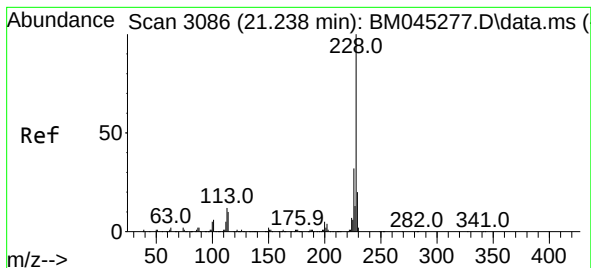
Ion Ratio Lower Upper

149 100

167 22.5 19.7 29.5

279 3.8 3.3 4.9





#87

Chrysene

Concen: 24.902 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225

Tgt Ion:228 Resp: 427240

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

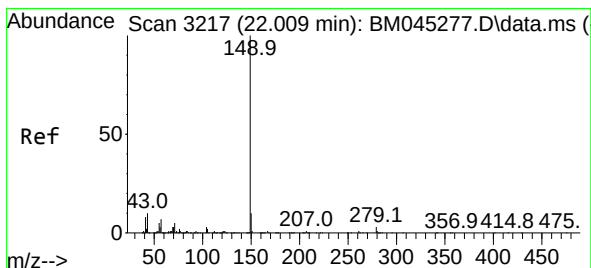
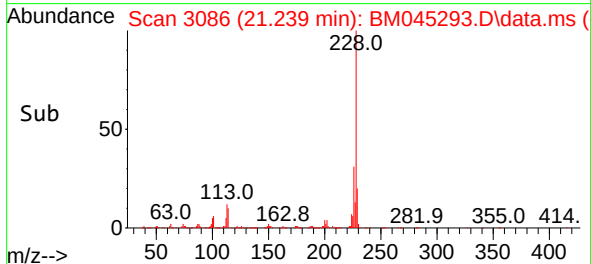
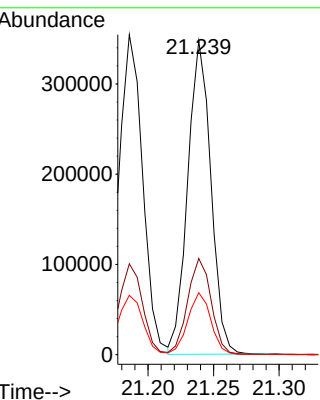
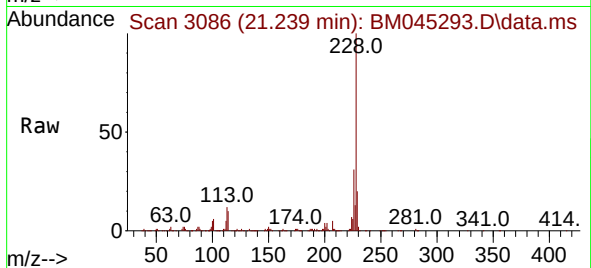
229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#89

Di-n-octyl phthalate

Concen: 25.571 ng/ul

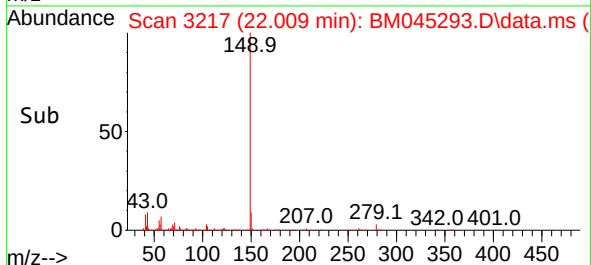
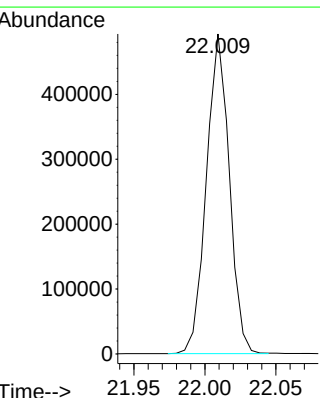
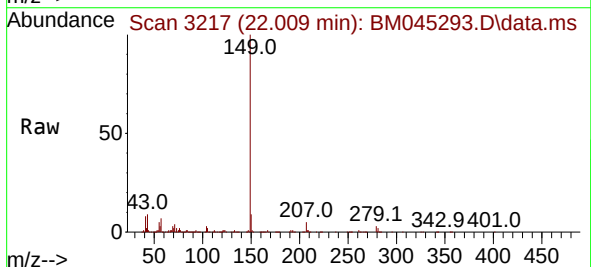
RT: 22.009 min Scan# 3217

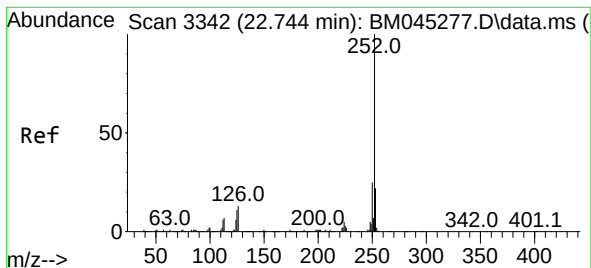
Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Tgt Ion:149 Resp: 550803





#90

Benzo(b)fluoranthene

Concen: 25.400 ng/ul

RT: 22.744 min Scan# 3342

Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Instrument :

BNM\_M

ClientSampleId :

SLCS225

Tgt Ion:252 Resp: 506810

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

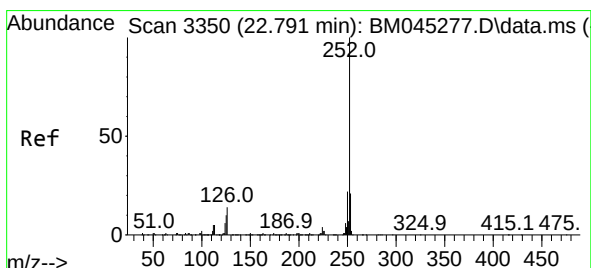
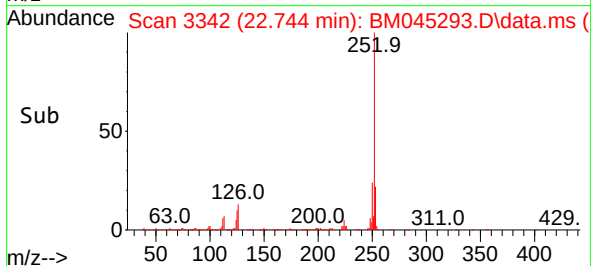
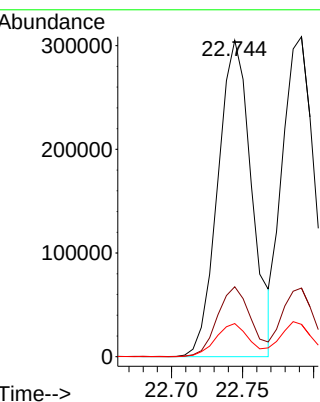
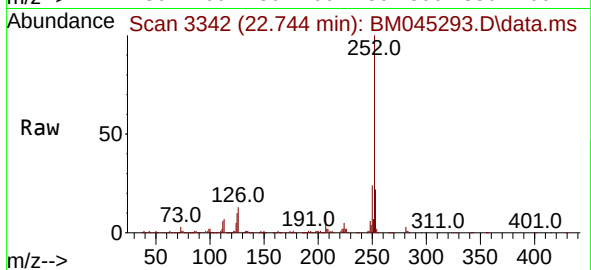
125 10.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#91

Benzo(k)fluoranthene

Concen: 24.132 ng/ul

RT: 22.792 min Scan# 3350

Delta R.T. -0.012 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

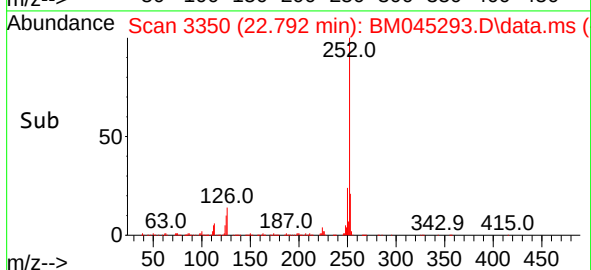
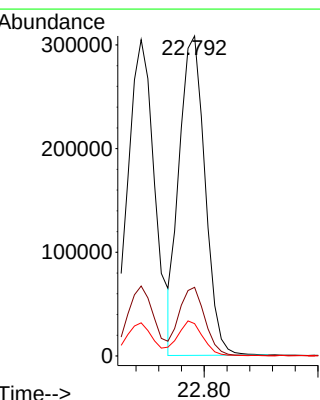
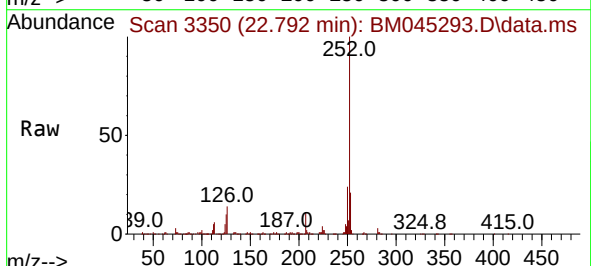
Tgt Ion:252 Resp: 484663

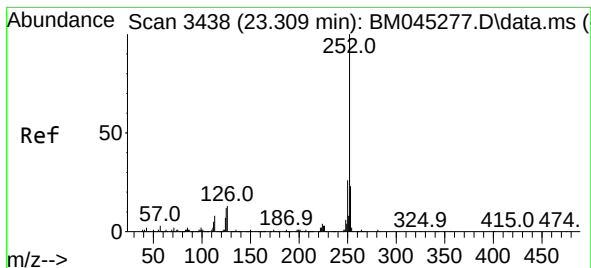
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.1 8.5 12.7





#93

Benzo(a)pyrene

Concen: 22.148 ng/ul

RT: 23.309 min Scan# 3438

Delta R.T. -0.012 min

Lab File: BM045293.D

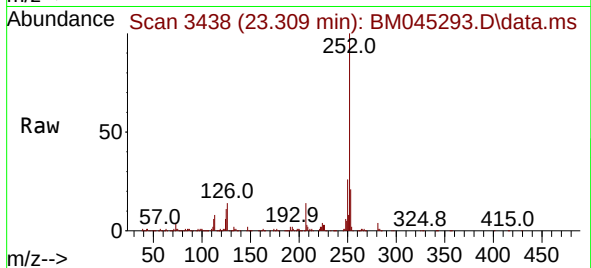
Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225



Tgt Ion:252 Resp: 430090

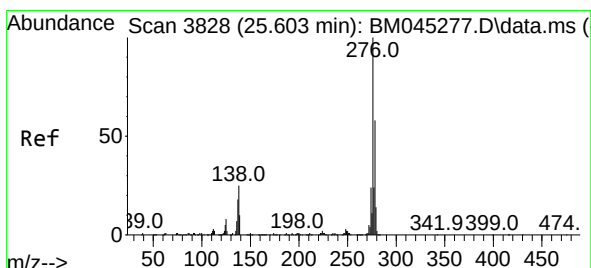
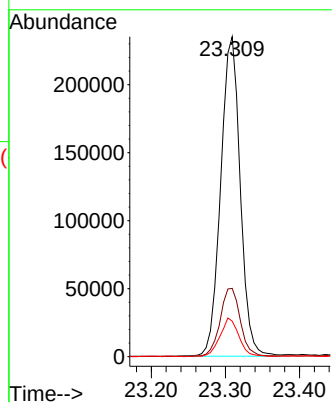
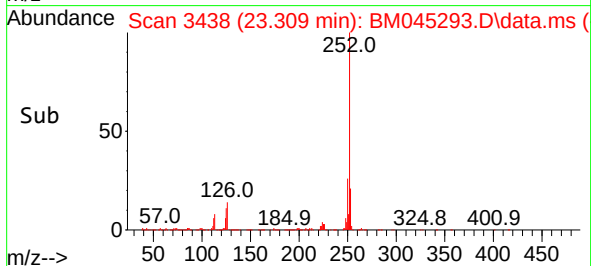
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.3  | 17.6  | 26.4  |
| 125 | 11.1  | 8.8   | 13.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 26.165 ng/ul

RT: 25.603 min Scan# 3828

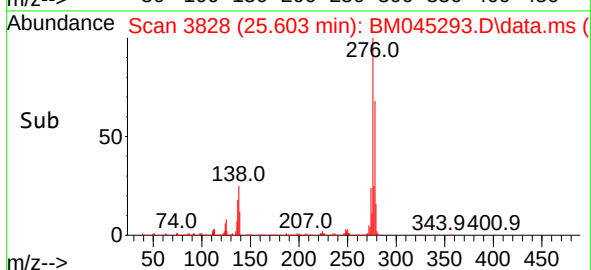
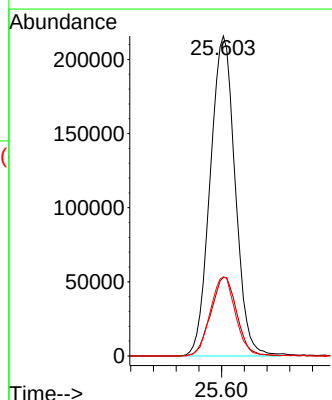
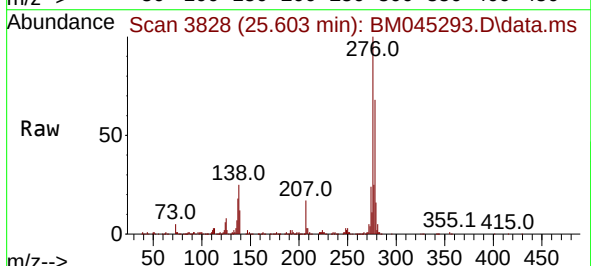
Delta R.T. -0.018 min

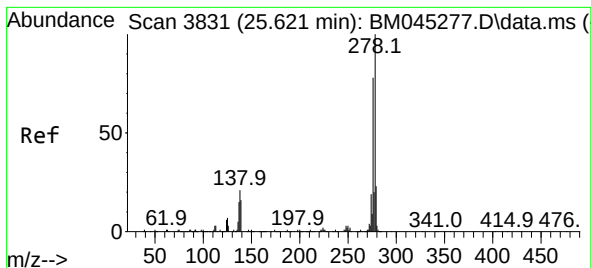
Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Tgt Ion:276 Resp: 658189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 24.6  | 19.0  | 28.6  |
| 277 | 24.7  | 19.9  | 29.9  |





#95

Dibenzo(a,h)anthracene

Concen: 25.506 ng/ul

RT: 25.615 min Scan# 3831

Delta R.T. -0.018 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

Instrument :

BNA\_M

ClientSampleId :

SLCS225

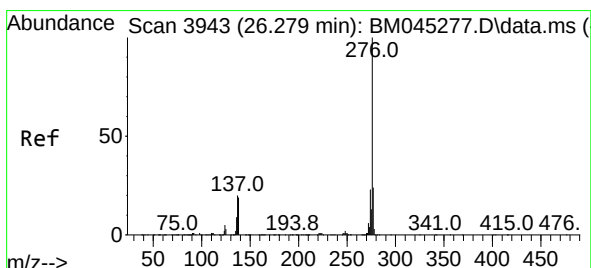
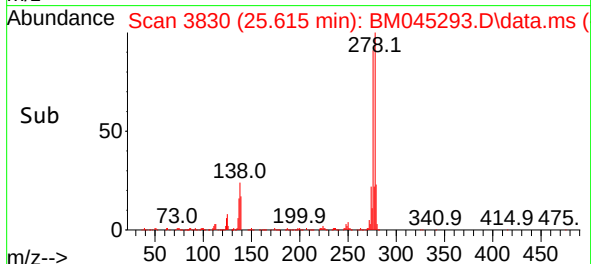
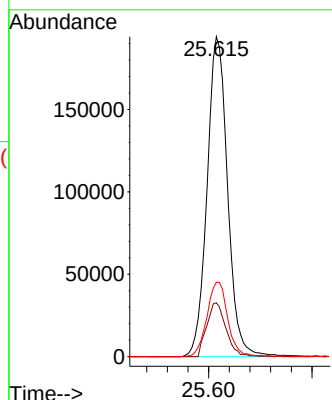
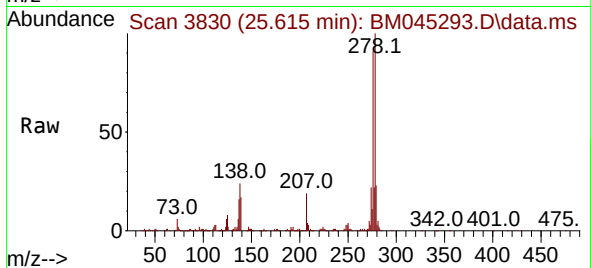
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 53641 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 16.9  | 11.9  | 17.9  |
| 279       | 23.2  | 19.4  | 29.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024



#96

Benzo(g,h,i)perylene

Concen: 26.191 ng/ul

RT: 26.274 min Scan# 3942

Delta R.T. -0.023 min

Lab File: BM045293.D

Acq: 16 Apr 2024 22:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 519749 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 20.7  | 17.8  | 26.6   |
| 277       | 23.0  | 18.7  | 28.1   |

