

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM082019\  
 Data File : BM022195.D  
 Acq On : 19 Aug 2019 18:26  
 Operator : HP/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

mohammad  
 8/22/2019 12:48:07 PM

Quant Time: Aug 20 01:45:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM082019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 20 01:26:40 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 38514    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.35 | 136  | 168099   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.23 | 164  | 110691   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.99 | 188  | 232876   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.20 | 240  | 210824   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.40 | 264  | 212108   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.19  | 112 | 84099  | 39.54 | ng | 0.00 |
| 7) Phenol-d6             | 6.76  | 99  | 113924 | 36.78 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.74  | 82  | 134383 | 41.66 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.74 | 330 | 64962  | 31.28 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.83 | 172 | 327684 | 36.38 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.63 | 244 | 535709 | 47.46 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.18  | 88  | 18206  | 22.719 | ng | # 94   |
| 3) Pyridine                    | 3.58  | 79  | 46530  | 20.192 | ng | # 92   |
| 4) n-Nitrosodimethylamine      | 3.49  | 42  | 25571  | 28.819 | ng | # 61   |
| 6) Aniline                     | 6.92  | 93  | 77414  | 18.765 | ng | 93     |
| 8) 2-Chlorophenol              | 7.14  | 128 | 50644  | 19.346 | ng | 95     |
| 9) Benzaldehyde                | 6.75  | 77  | 40845  | 24.927 | ng | 96     |
| 10) Phenol                     | 6.79  | 94  | 60163  | 19.013 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 7.02  | 93  | 49049  | 19.578 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 7.46  | 146 | 61027  | 19.242 | ng | # 90   |
| 13) 1,4-Dichlorobenzene        | 7.60  | 146 | 63229  | 19.609 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.92  | 146 | 61304  | 19.400 | ng | 96     |
| 15) Benzyl Alcohol             | 7.83  | 79  | 48129m | 19.191 | ng |        |
| 16) 2,2'-oxybis(1-Chloropropan | 8.10  | 45  | 67687  | 20.888 | ng | 99     |
| 17) 2-Methylphenol             | 8.02  | 107 | 43575  | 19.278 | ng | # 91   |
| 18) Hexachloroethane           | 8.62  | 117 | 27413  | 23.679 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.39  | 70  | 46257  | 20.522 | ng | # 88   |
| 20) 3+4-Methylphenols          | 8.35  | 107 | 59241  | 19.041 | ng | 95     |
| 22) Acetophenone               | 8.40  | 105 | 84958  | 19.833 | ng | # 89   |
| 24) Nitrobenzene               | 8.78  | 77  | 71044  | 22.236 | ng | 94     |
| 25) Isophorone                 | 9.30  | 82  | 124050 | 20.555 | ng | 96     |
| 26) 2-Nitrophenol              | 9.49  | 139 | 28342  | 18.116 | ng | # 76   |
| 27) 2,4-Dimethylphenol         | 9.54  | 122 | 45306  | 19.855 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 9.78  | 93  | 71842  | 19.157 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.01 | 162 | 51745  | 17.522 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.21 | 180 | 64150  | 18.427 | ng | 96     |
| 31) Naphthalene                | 10.40 | 128 | 171698 | 19.301 | ng | 99     |
| 32) Benzoic acid               | 9.70  | 122 | 36756m | 19.912 | ng |        |
| 33) 4-Chloroaniline            | 10.54 | 127 | 72507  | 17.955 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.65 | 225 | 54889  | 24.972 | ng | 98     |
| 35) Caprolactam                | 11.36 | 113 | 15284m | 16.546 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.66 | 107 | 57591  | 19.164 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.02 | 142 | 126210 | 18.439 | ng | # 93   |
| 38) 1-Methylnaphthalene        | 12.24 | 142 | 121870 | 18.667 | ng | # 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 80609  | 19.240 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM082019\  
 Data File : BM022195.D  
 Acq On : 19 Aug 2019 18:26  
 Operator : HP/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

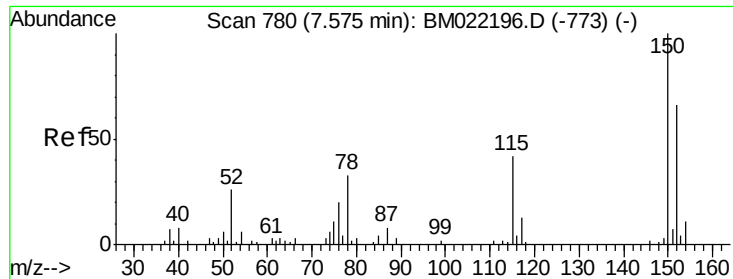
mohammad  
 8/22/2019 12:48:07 PM

Quant Time: Aug 20 01:45:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM082019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 20 01:26:40 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.35 | 237  | 31437    | 12.944 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.65 | 196  | 49715    | 17.932 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.73 | 196  | 51195    | 17.832 | ng    | # 89     |
| 46) 1,1'-Biphenyl              | 13.05 | 154  | 168939   | 17.832 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.09 | 162  | 136966   | 17.800 | ng    | 95       |
| 48) 2-Nitroaniline             | 13.33 | 65   | 44377    | 21.082 | ng    | 87       |
| 49) Acenaphthylene             | 13.95 | 152  | 212674   | 18.163 | ng    | 100      |
| 50) Dimethylphthalate          | 13.70 | 163  | 186237   | 18.924 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.84 | 165  | 36006    | 17.006 | ng    | # 64     |
| 52) Acenaphthene               | 14.29 | 154  | 125842   | 17.813 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.17 | 138  | 36703    | 17.004 | ng    | 90       |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 17023    | 14.968 | ng    | # 66     |
| 55) Dibenzofuran               | 14.63 | 168  | 205041   | 17.791 | ng    | # 88     |
| 56) 4-Nitrophenol              | 14.50 | 139  | 23139    | 14.019 | ng    | # 55     |
| 57) 2,4-Dinitrotoluene         | 14.64 | 165  | 51504    | 17.617 | ng    | # 64     |
| 58) Fluorene                   | 15.29 | 166  | 168269   | 17.869 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.87 | 232  | 52409    | 19.106 | ng    | # 93     |
| 60) Diethylphthalate           | 15.07 | 149  | 195925   | 20.213 | ng    | 95       |
| 61) 4-Chlorophenyl-phenylether | 15.29 | 204  | 102615   | 19.289 | ng    | 92       |
| 62) 4-Nitroaniline             | 15.35 | 138  | 33312    | 14.704 | ng    | # 50     |
| 63) Azobenzene                 | 15.58 | 77   | 191488   | 24.084 | ng    | 84       |
| 65) 4,6-Dinitro-2-methylphenol | 15.41 | 198  | 24987    | 17.402 | ng    | 85       |
| 66) n-Nitrosodiphenylamine     | 15.51 | 169  | 140362   | 19.122 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether  | 16.18 | 248  | 63043    | 20.336 | ng    | # 89     |
| 68) Hexachlorobenzene          | 16.29 | 284  | 70945    | 19.156 | ng    | # 80     |
| 69) Atrazine                   | 16.47 | 200  | 54968    | 23.029 | ng    | 95       |
| 70) Pentachlorophenol          | 16.64 | 266  | 34839    | 17.459 | ng    | 98       |
| 71) Phenanthrene               | 17.03 | 178  | 255482   | 19.036 | ng    | 99       |
| 72) Anthracene                 | 17.13 | 178  | 251392   | 18.909 | ng    | 98       |
| 73) Carbazole                  | 17.41 | 167  | 213594   | 18.171 | ng    | # 96     |
| 74) Di-n-butylphthalate        | 17.96 | 149  | 326119   | 22.663 | ng    | # 98     |
| 75) Fluoranthene               | 19.06 | 202  | 300914   | 19.416 | ng    | 99       |
| 77) Benzidine                  | 19.27 | 184  | 105426   | 17.221 | ng    | 99       |
| 78) Pyrene                     | 19.43 | 202  | 303262   | 19.834 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.34 | 149  | 134573   | 22.082 | ng    | 87       |
| 81) Benzo(a)anthracene         | 21.19 | 228  | 286543   | 19.938 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.13 | 252  | 103658   | 19.043 | ng    | # 99     |
| 83) Chrysene                   | 21.24 | 228  | 273778   | 19.998 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.10 | 149  | 195533   | 22.543 | ng    | # 94     |
| 85) Di-n-octyl phthalate       | 21.97 | 149  | 316121   | 23.174 | ng    | # 93     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.60 | 276  | 292070   | 19.280 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.74 | 252  | 259879   | 18.161 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.79 | 252  | 254884   | 18.427 | ng    | 97       |
| 90) Benzo(a)pyrene             | 23.30 | 252  | 242066   | 18.748 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.60 | 278  | 239286   | 18.588 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.27 | 276  | 223874   | 18.649 | ng    | 98       |

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





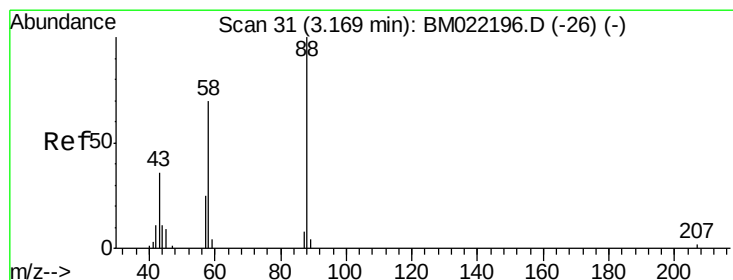
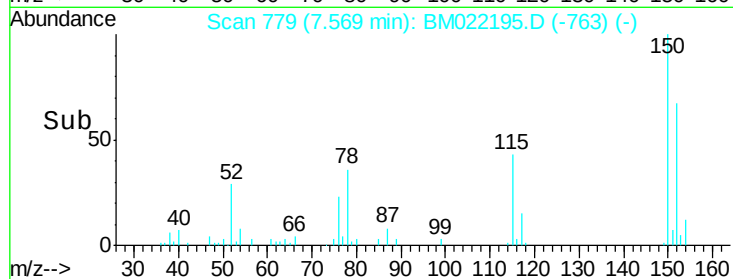
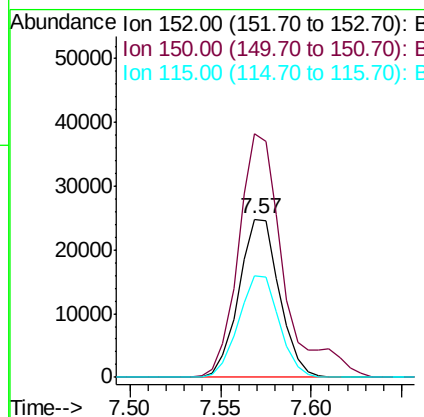
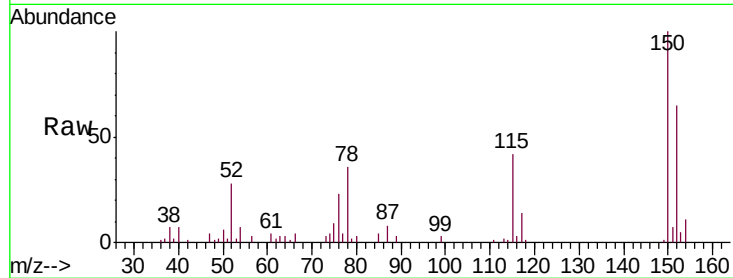
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.57 min Scan# 779  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.9 | 123.1 | 184.7 |
| 115     | 63.9  | 44.2  | 66.4  |

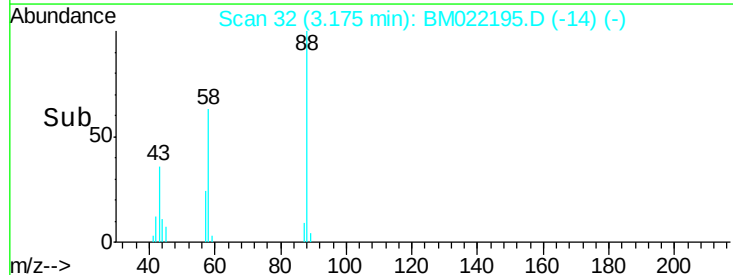
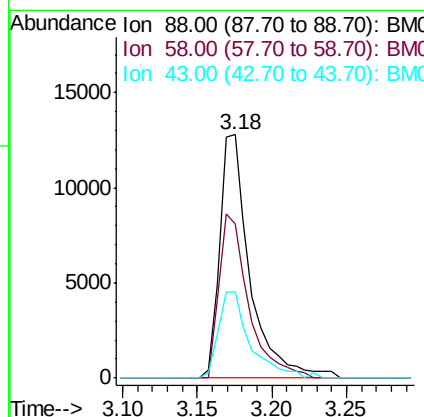
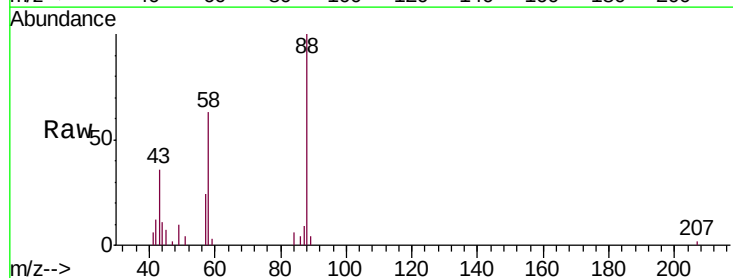
Manual Integrations  
 APPROVED

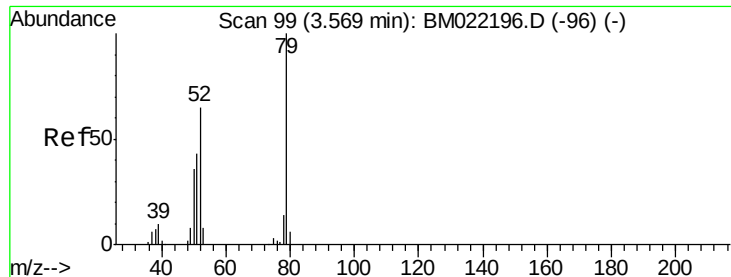
mohammad  
 8/22/2019 12:48:07 PM



#2  
 1,4-Dioxane  
 Concen: 22.719 ng  
 RT: 3.18 min Scan# 32  
 Delta R.T. 0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.5  | 51.9  | 77.9  |
| 43      | 37.4  | 21.4  | 32.2  |





#3

Pyridine

Concen: 20.192 ng

RT: 3.58 min Scan# 100

Delta R.T. 0.01 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

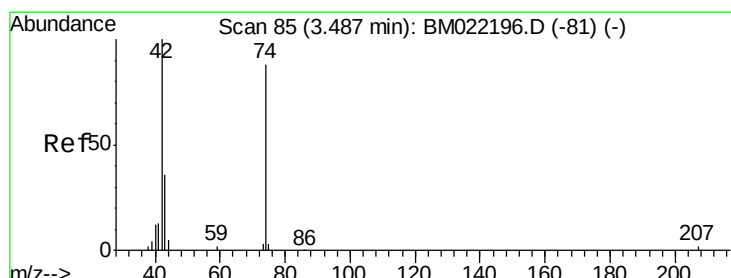
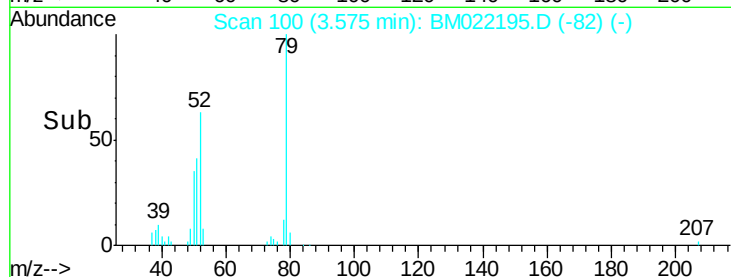
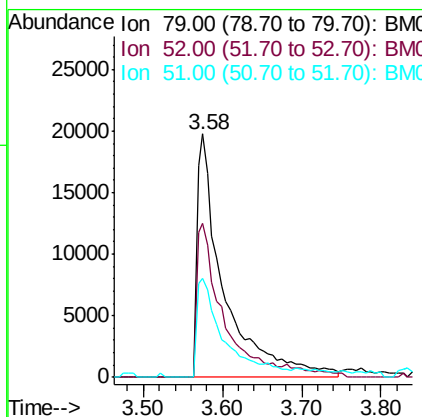
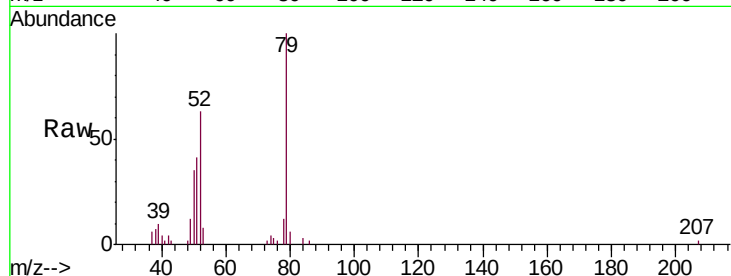
ClientSampleId :

SSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 46530 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 63.5  | 48.8  | 73.2  |
| 51       | 40.8  | 25.7  | 38.5# |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#4

n-Nitrosodimethylamine

Concen: 28.819 ng

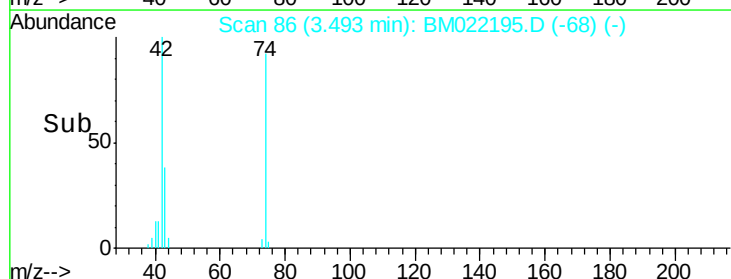
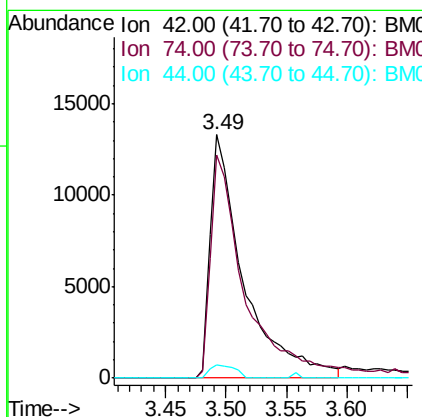
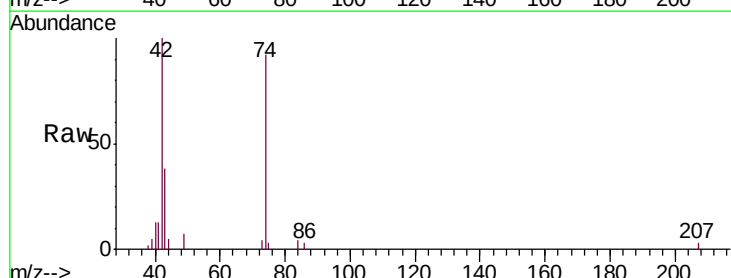
RT: 3.49 min Scan# 86

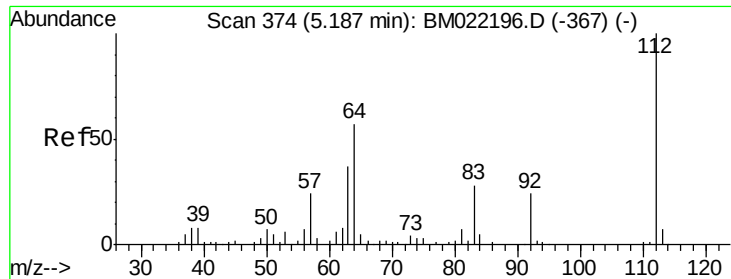
Delta R.T. 0.01 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 25571  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 91.6  | 113.8 | 170.6# |
| 44       | 5.4   | 8.2   | 12.2#  |





#5

2-Fluorophenol

Concen: 39.539 ng

RT: 5.19 min Scan# 374

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

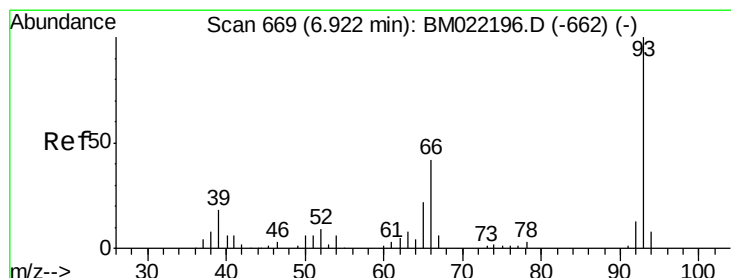
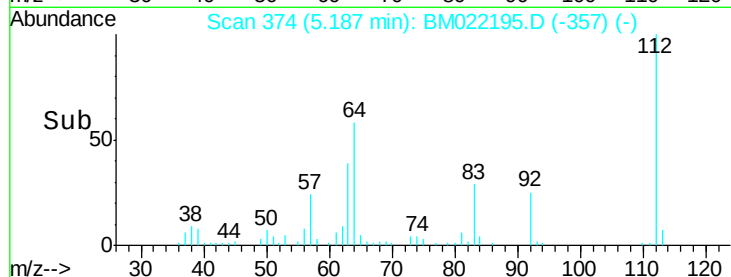
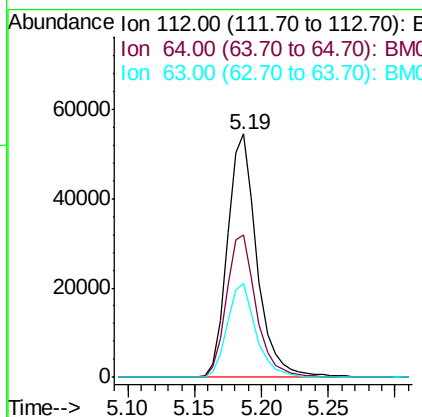
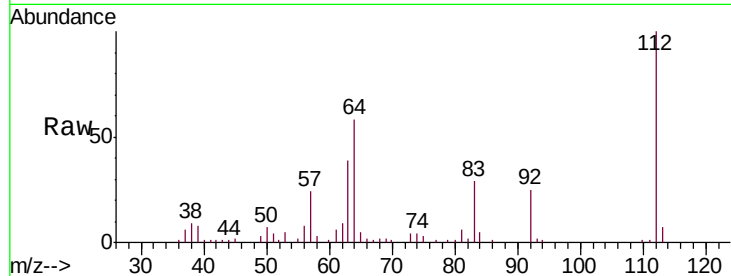
ClientSampleId :

SSTDIC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 84099 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 58.3  | 45.2  | 67.8  |
| 63        | 38.7  | 23.5  | 35.3# |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#6

Aniline

Concen: 18.765 ng

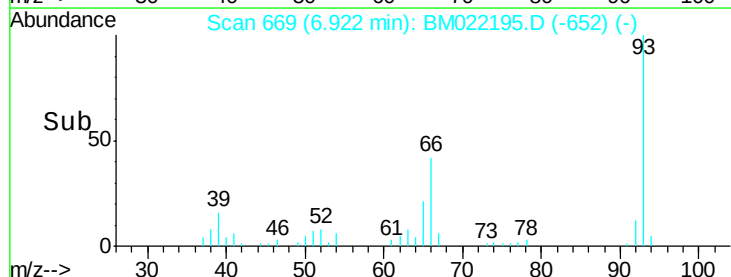
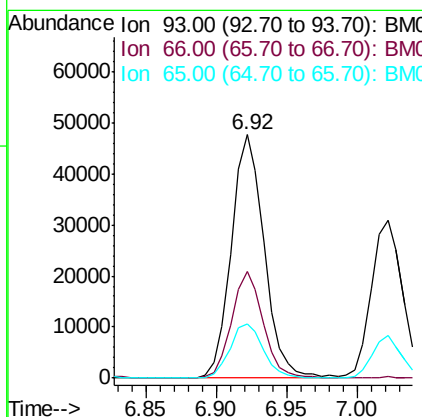
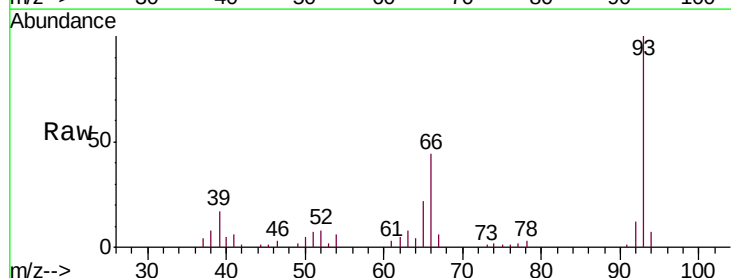
RT: 6.92 min Scan# 669

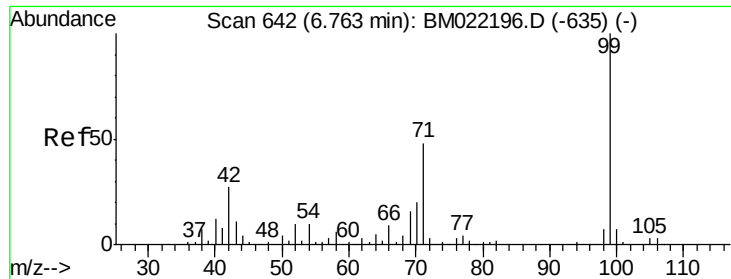
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 77414 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 43.6  | 31.3  | 46.9  |
| 65        | 22.2  | 15.9  | 23.9  |





#7

Phenol-d6

Concen: 36.780 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

ClientSampled :

SSTDICC020

Tgt Ion: 99 Resp: 113924

Ion Ratio Lower Upper

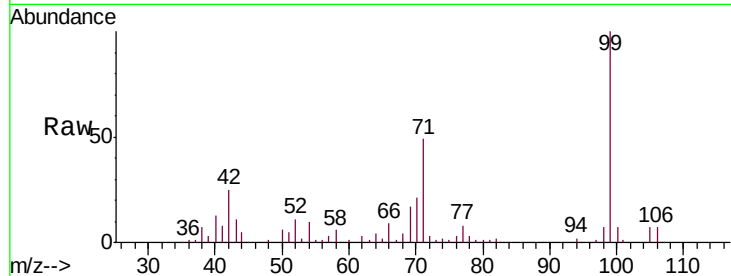
99 100

42 25.2 13.5 20.3#

71 49.1 29.3 43.9#

Manual Integrations  
APPROVED

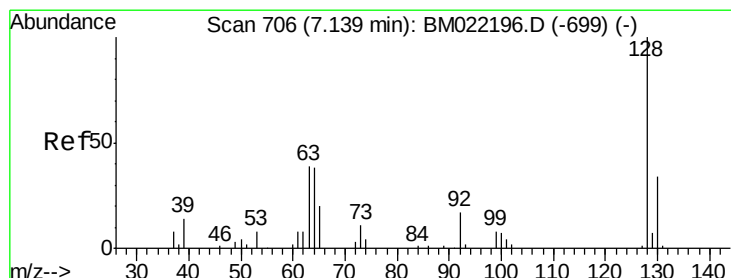
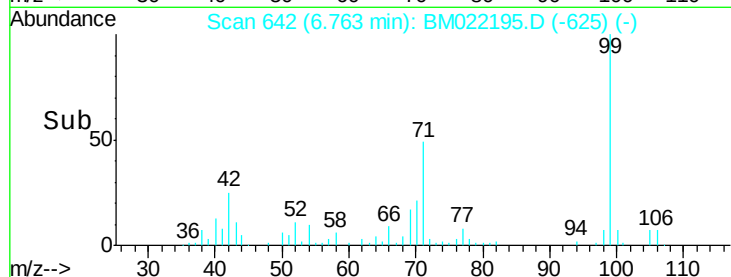
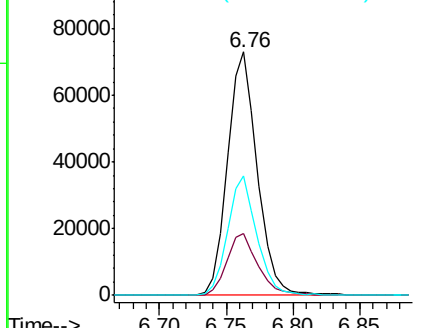
mohammad  
8/22/2019 12:48:07 PM



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#8

2-Chlorophenol

Concen: 19.346 ng

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

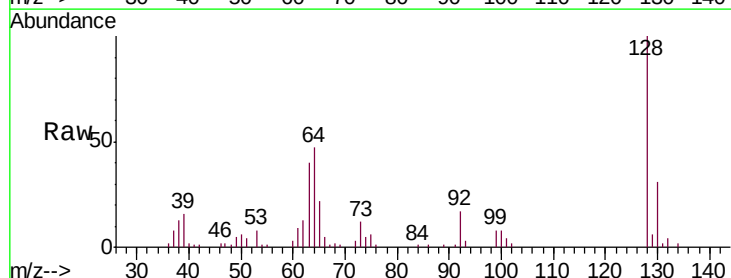
Tgt Ion: 128 Resp: 50644

Ion Ratio Lower Upper

128 100

130 30.7 12.2 52.2

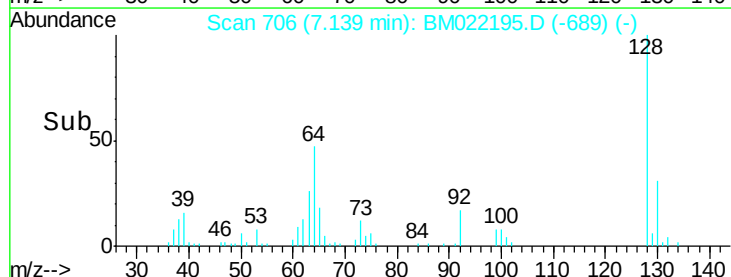
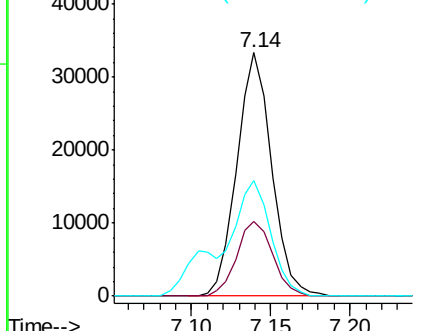
64 47.3 23.2 63.2



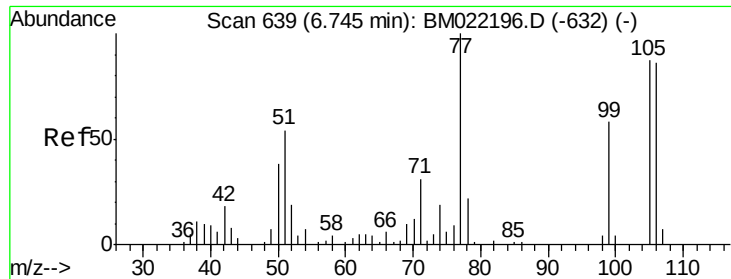
Abundance Ion 128.00 (127.70 to 128.70): BM022196.D (-699) (-)

Ion 130.00 (129.70 to 130.70): BM022196.D (-699) (-)

Ion 64.00 (63.70 to 64.70): BM022196.D (-699) (-)







#9

Benzaldehyde

Concen: 24.927 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

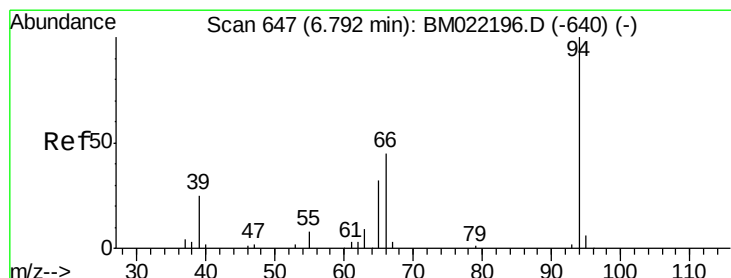
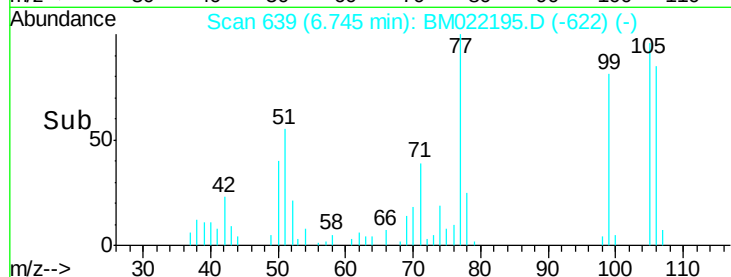
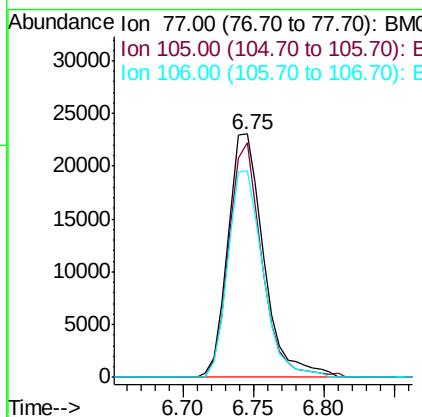
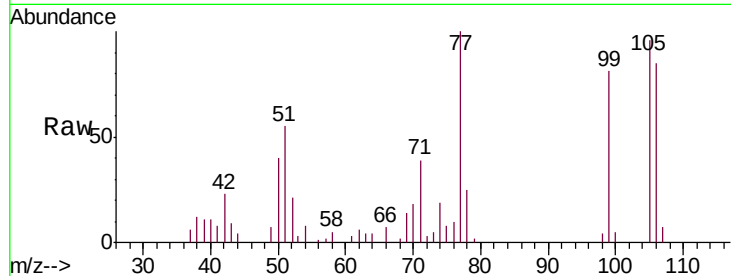
ClientSampleId :

SSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 40845 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 96.3  | 77.8  | 117.8 |
| 106      | 85.1  | 71.8  | 111.8 |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#10

Phenol

Concen: 19.013 ng

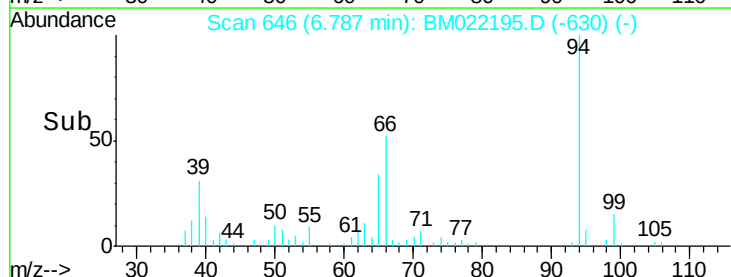
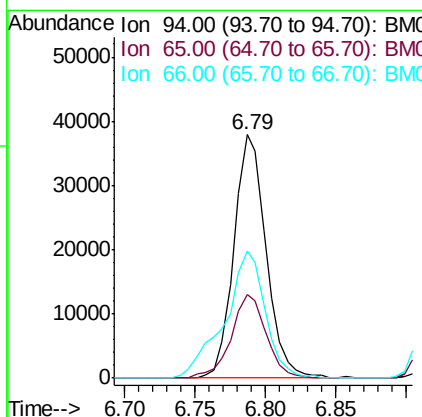
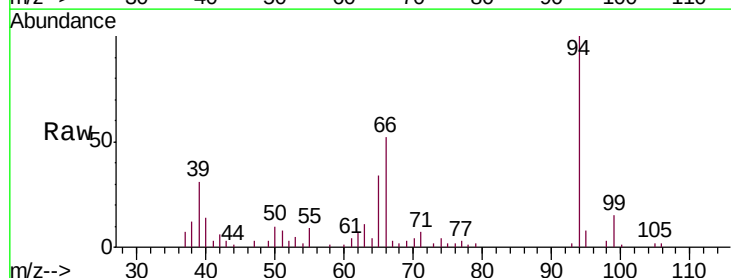
RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

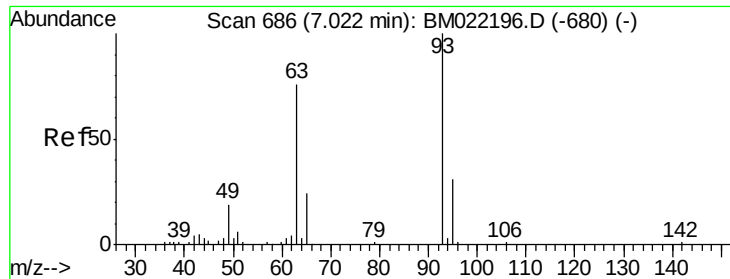
Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 60163 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 34.2  | 8.7   | 48.7  |
| 66       | 52.4  | 19.0  | 59.0  |







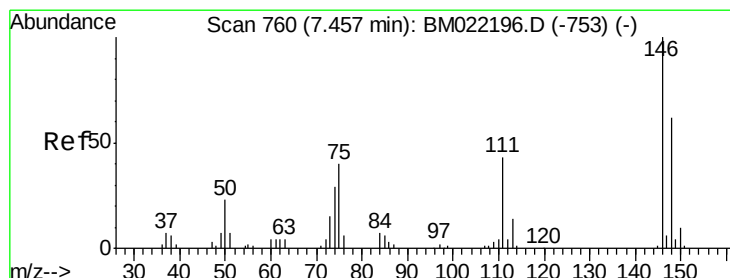
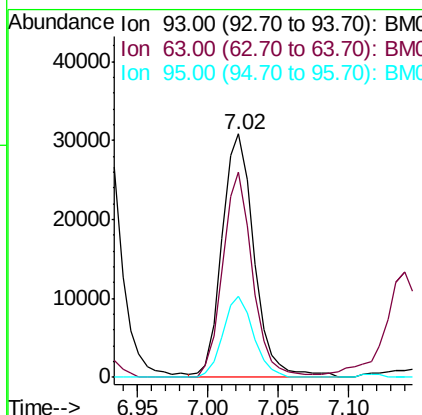
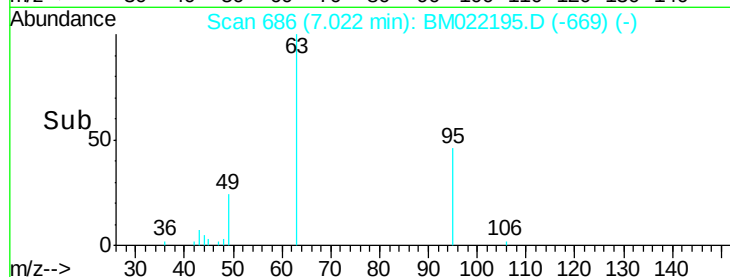
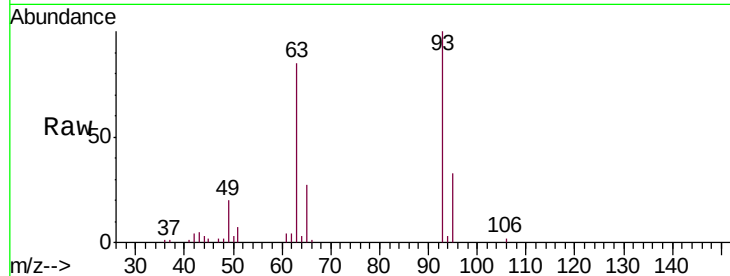
#11  
bis(2-Chloroethyl)ether  
Concen: 19.578 ng  
RT: 7.02 min Scan# 686  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 49049 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 84.5  | 53.4  | 93.4  |
| 95       | 33.5  | 13.0  | 53.0  |

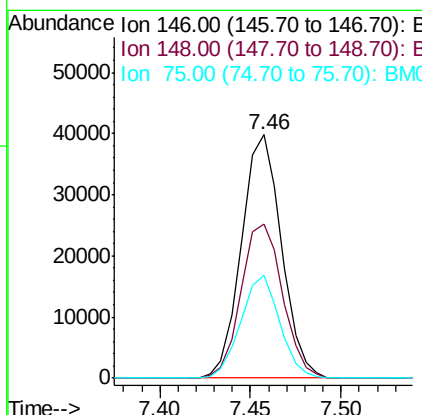
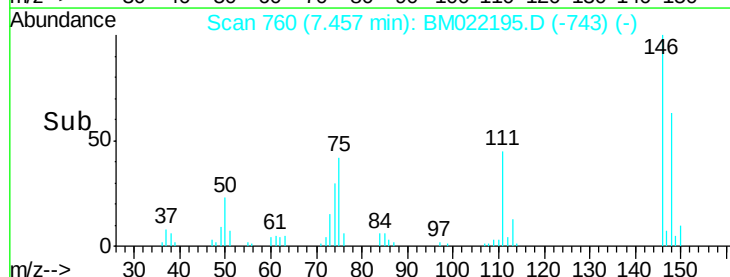
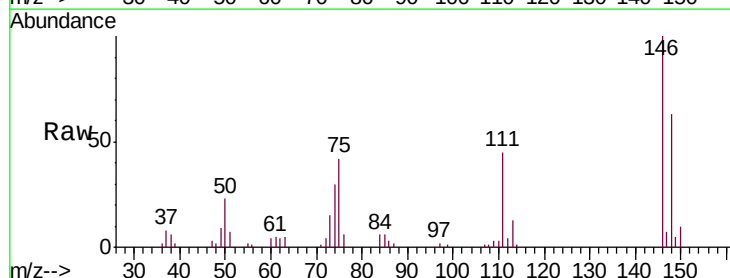
Manual Integrations  
APPROVED

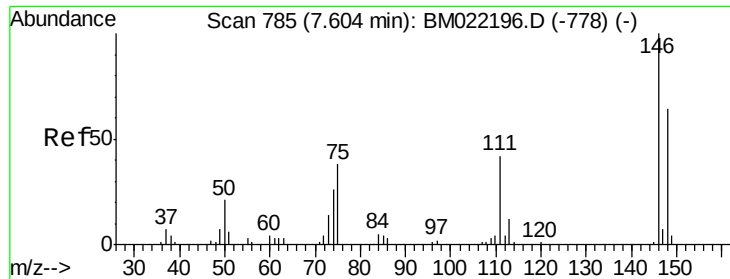
mohammad  
8/22/2019 12:48:07 PM



#12  
1,3-Dichlorobenzene  
Concen: 19.242 ng  
RT: 7.46 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 61027 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 63.1  | 52.2  | 78.2  |
| 75       | 42.1  | 22.2  | 33.4# |





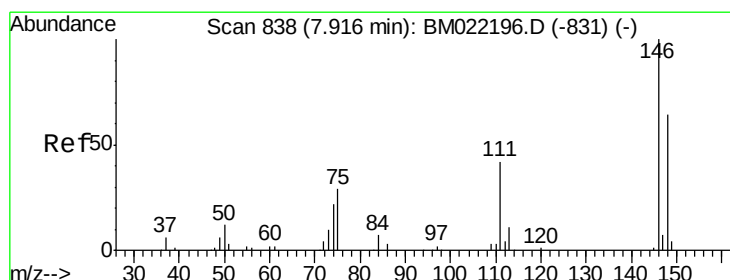
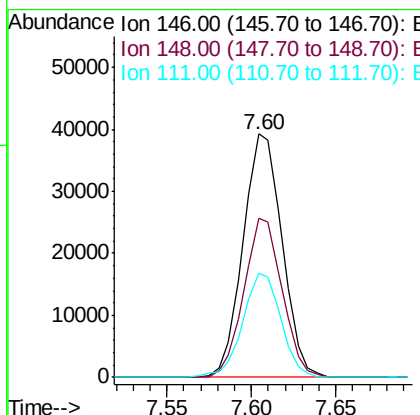
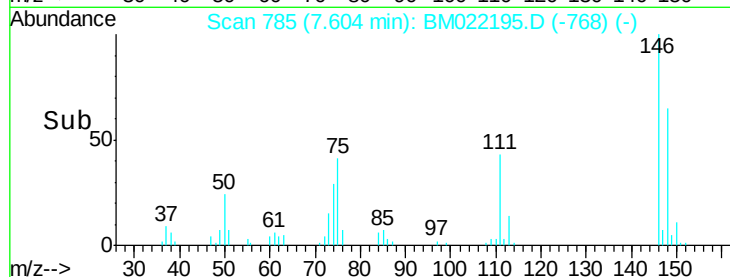
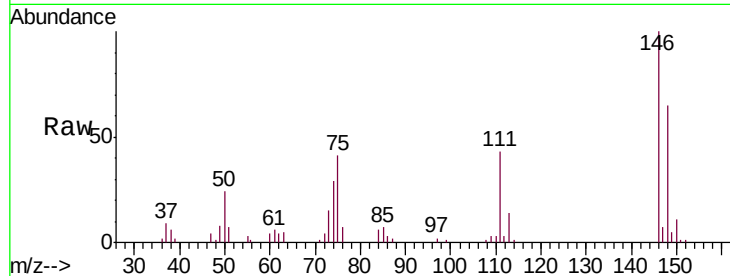
#13  
 1,4-Dichlorobenzene  
 Concen: 19.609 ng  
 RT: 7.60 min Scan# 785  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.4  | 51.9  | 77.9  |
| 111     | 42.7  | 31.4  | 47.0  |

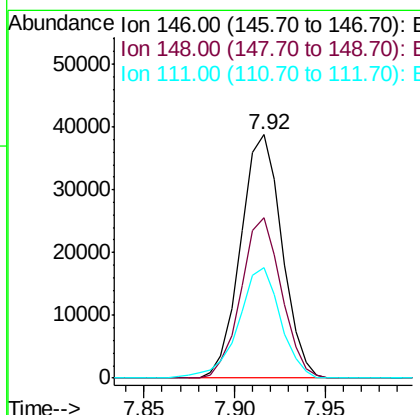
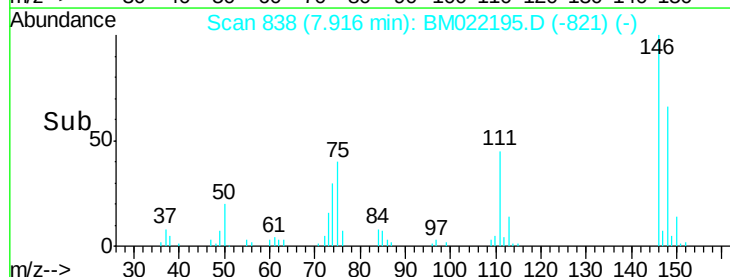
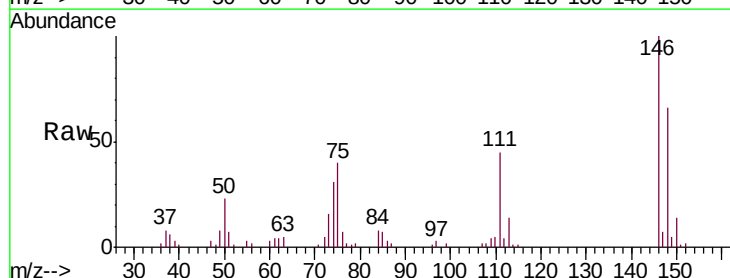
Manual Integrations  
 APPROVED

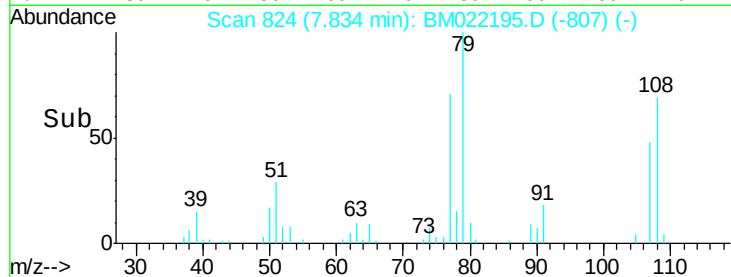
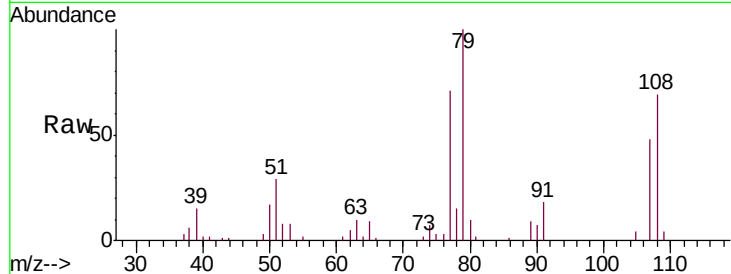
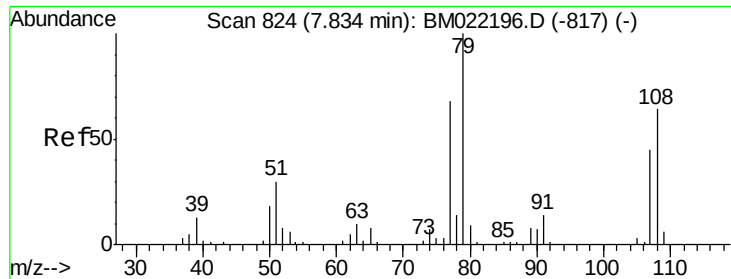
mohammad  
 8/22/2019 12:48:07 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 19.400 ng  
 RT: 7.92 min Scan# 838  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.9  | 51.2  | 76.8  |
| 111     | 45.4  | 32.8  | 49.2  |





#15

Benzyl Alcohol

Concen: 19.191 ng m

RT: 7.83 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 48129 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 68.5  | 58.4  | 87.6  |
| 77       | 70.6  | 50.1  | 75.1  |

Instrument :

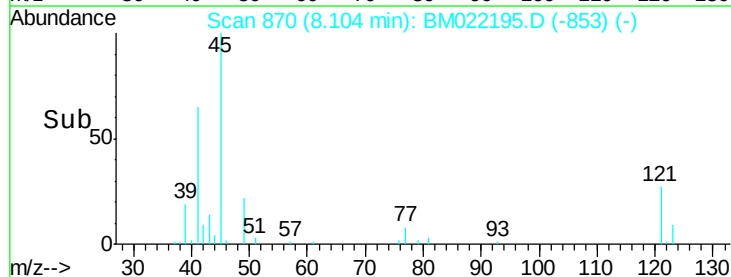
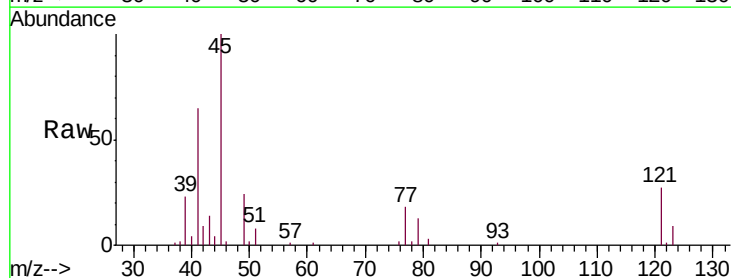
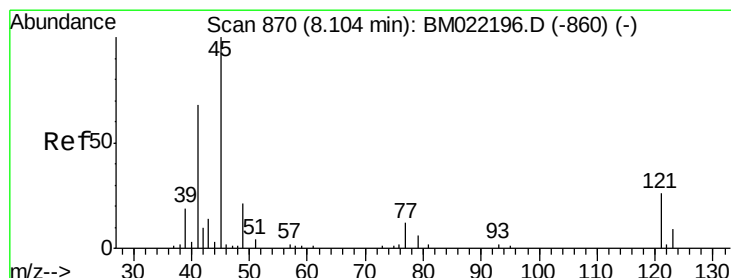
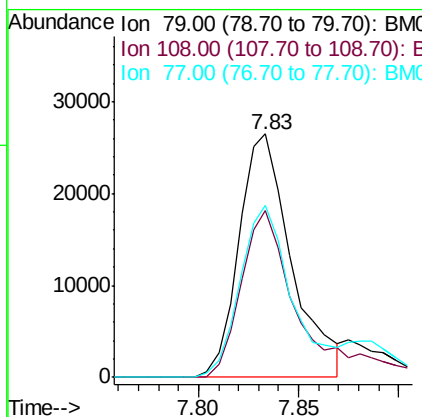
BNA\_M

ClientSampleId :

SSTDIC020

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.888 ng

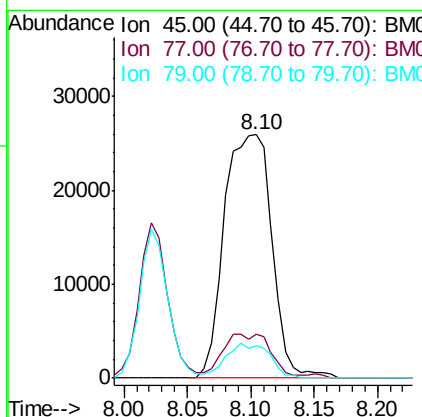
RT: 8.10 min Scan# 870

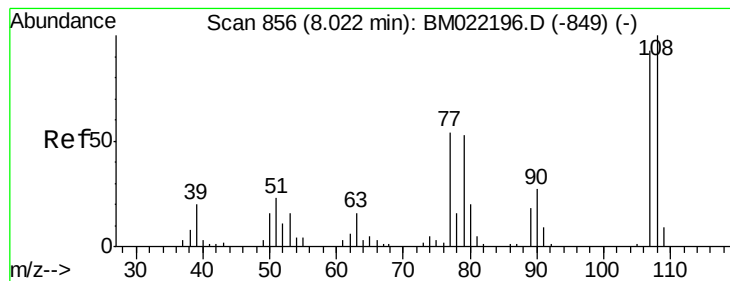
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 67687 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 18.2  | 0.0   | 37.5  |
| 79       | 13.4  | 0.0   | 33.5  |





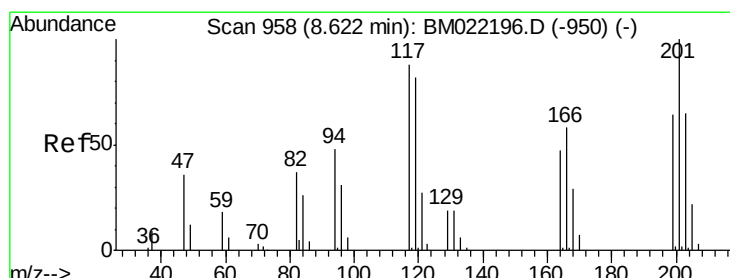
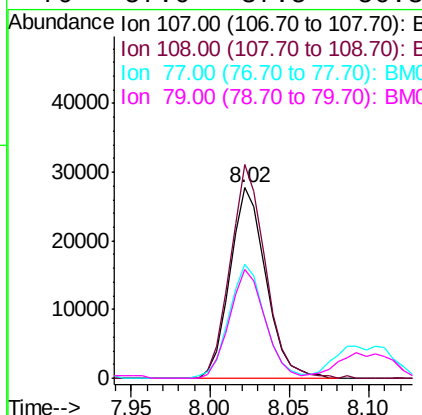
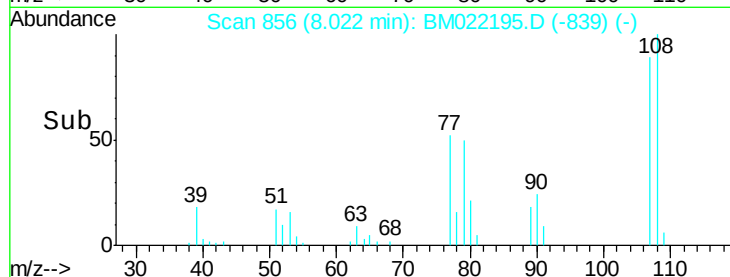
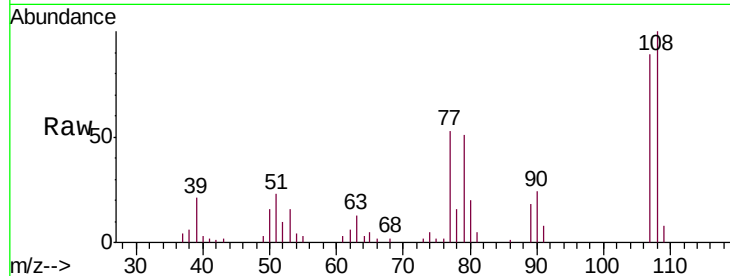
#17  
2-Methylphenol  
Concen: 19.278 ng  
RT: 8.02 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 43575 |       |       |
| 108     | 112.1 | 87.5  | 131.3 |       |
| 77      | 59.7  | 37.8  | 56.8  |       |
| 79      | 57.0  | 37.5  | 56.3  |       |

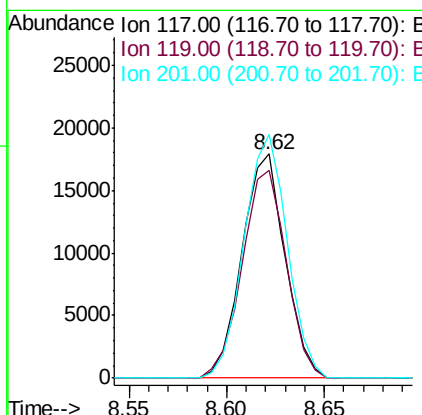
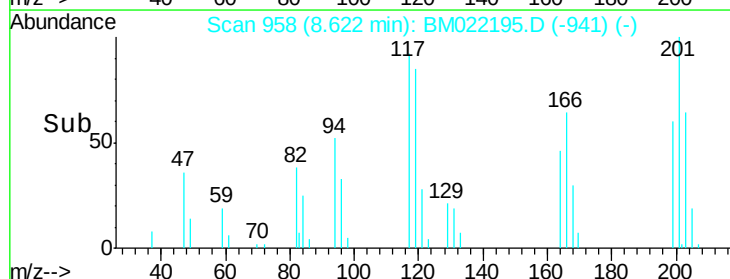
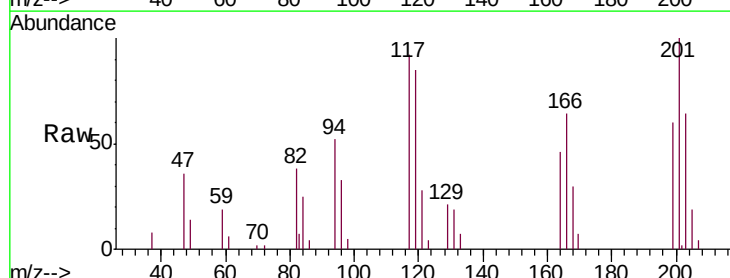
Manual Integrations  
APPROVED

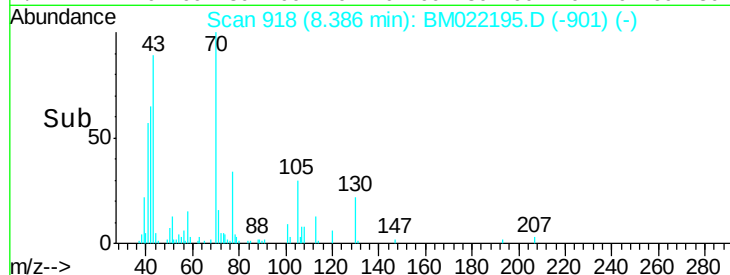
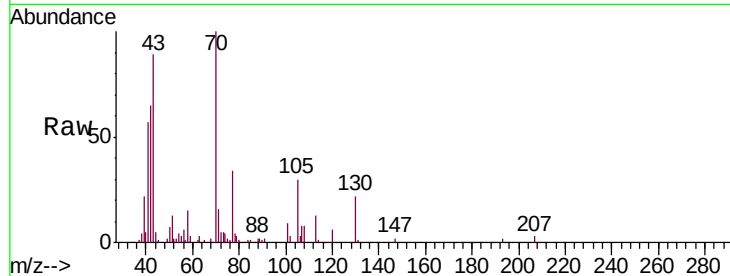
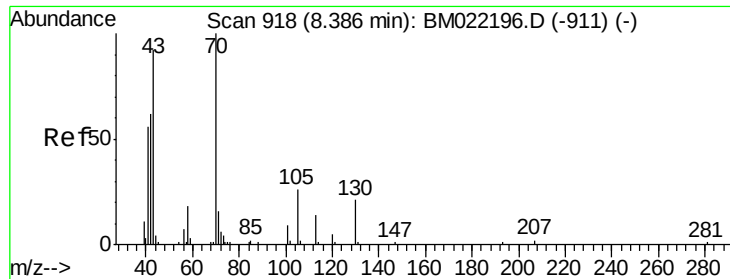
mohammad  
8/22/2019 12:48:07 PM



#18  
Hexachloroethane  
Concen: 23.679 ng  
RT: 8.62 min Scan# 958  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 27413 |       |       |
| 119     | 92.6  | 77.5  | 116.3 |       |
| 201     | 108.6 | 102.3 | 153.5 |       |





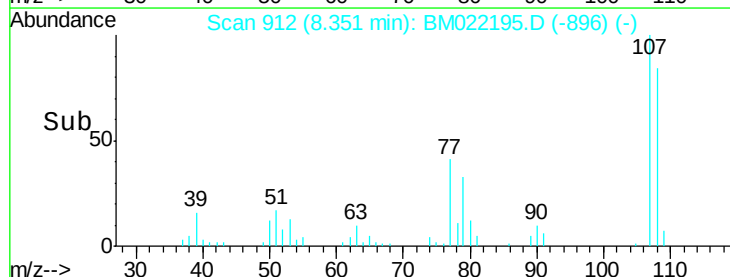
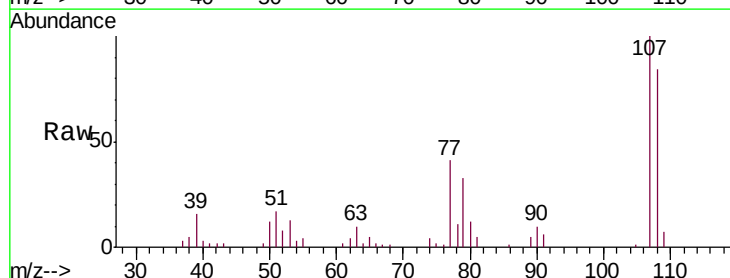
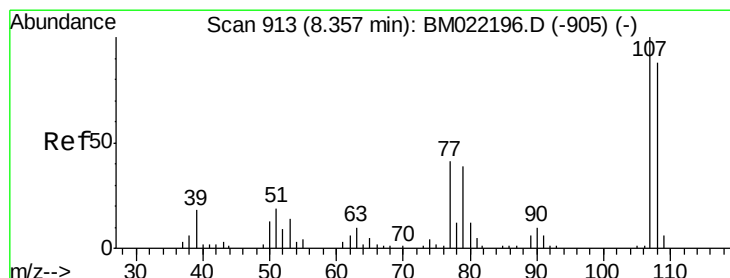
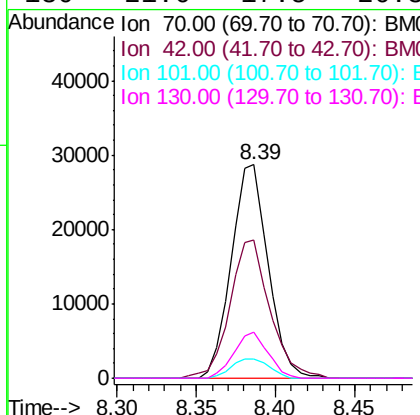
#19  
n-Nitroso-di-n-propylamine  
Concen: 20.522 ng  
RT: 8.39 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 64.9 | 41.9  | 62.9# |       |
| 101     | 9.2  | 8.1   | 12.1  |       |
| 130     | 21.6 | 17.5  | 26.3  |       |

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

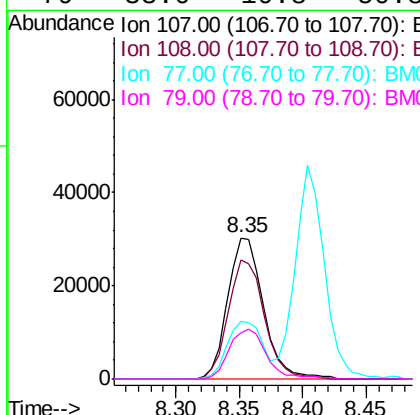
Manual Integrations  
APPROVED

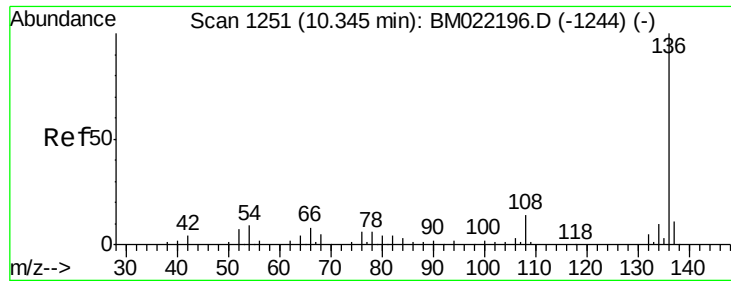
mohammad  
8/22/2019 12:48:07 PM



#20  
3+4-Methylphenols  
Concen: 19.041 ng  
RT: 8.35 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 84.4 | 67.9  | 107.9 |       |
| 77      | 40.6 | 14.6  | 54.6  |       |
| 79      | 33.0 | 10.8  | 50.8  |       |





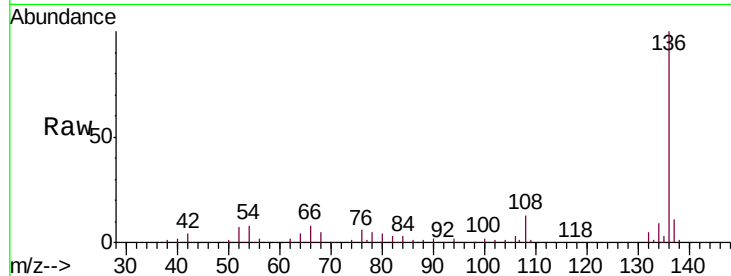
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.35 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

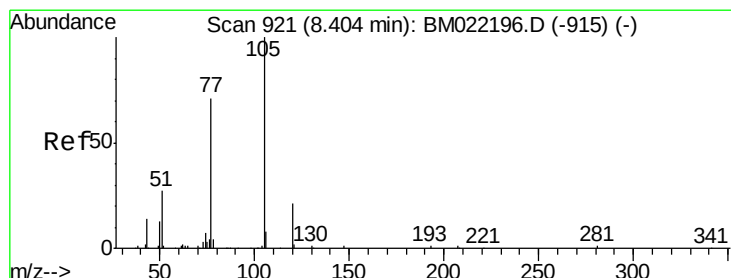
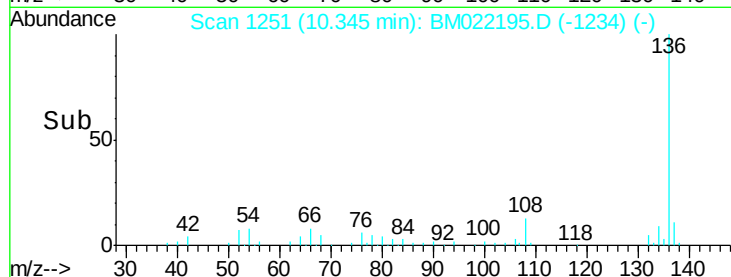
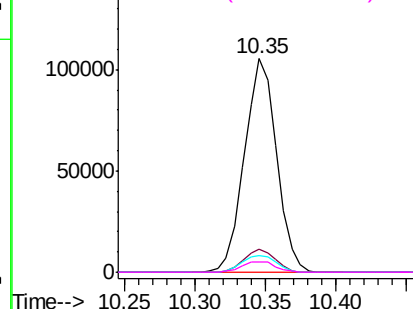
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 168099 |       |       |
| 137     | 10.6  | 8.6    | 13.0  |       |
| 54      | 7.6   | 5.3    | 7.9   |       |
| 68      | 4.9   | 4.4    | 6.6   |       |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



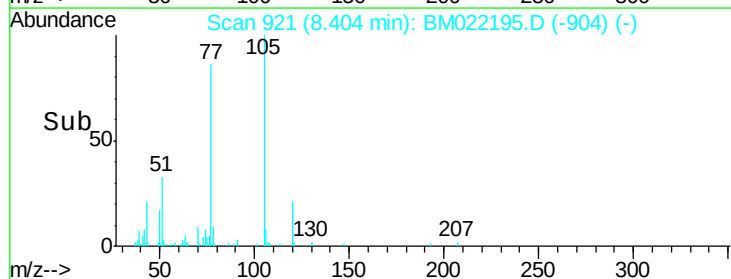
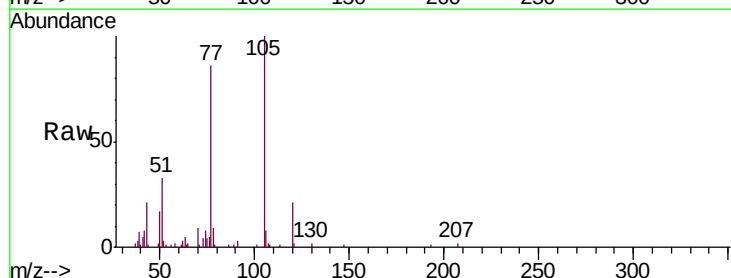
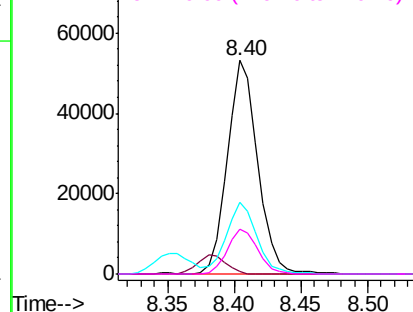
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

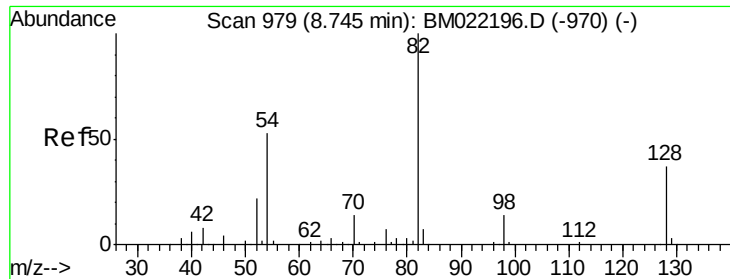


#22  
Acetophenone  
Concen: 19.833 ng  
RT: 8.40 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 84958 |       |       |
| 71      | 1.3   | 1.2   | 1.8   |       |
| 51      | 33.3  | 19.1  | 28.7  |       |
| 120     | 21.1  | 17.9  | 26.9  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM  
Ion 51.00 (50.70 to 51.70): BM  
Ion 120.00 (119.70 to 120.70): E





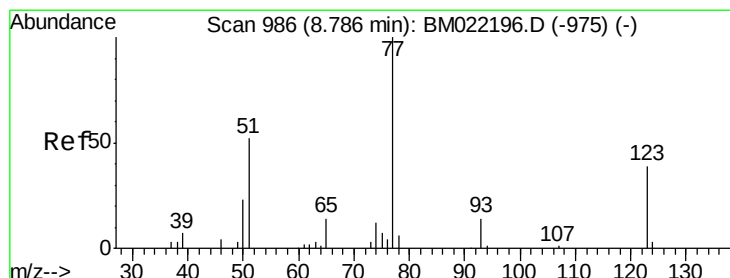
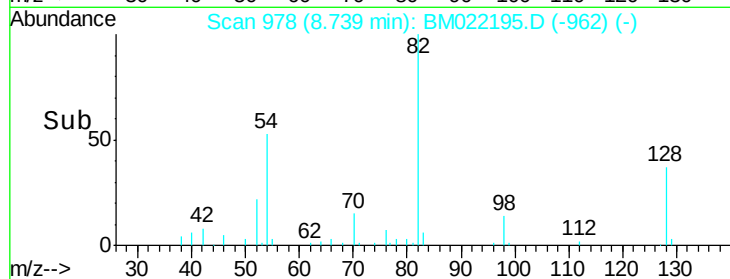
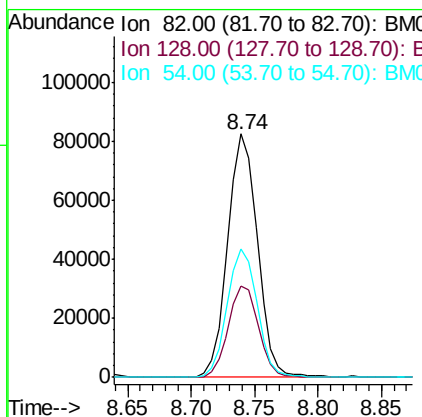
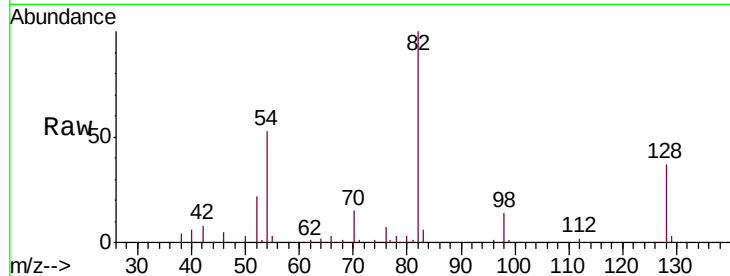
#23  
 Nitrobenzene-d5  
 Concen: 41.664 ng  
 RT: 8.74 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTDICC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 134383 |       |       |
| 128     | 37.3  | 53.9   | 35.9  | 53.9  |
| 54      | 52.8  | 55.0   | 36.6  | 55.0  |

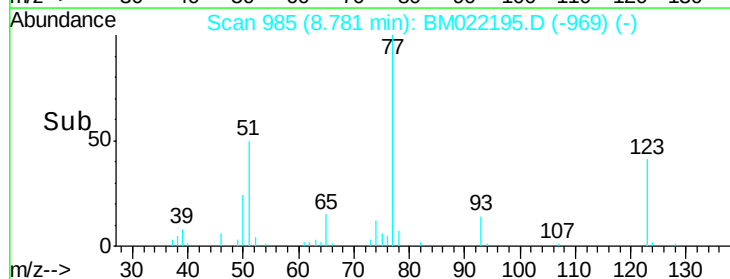
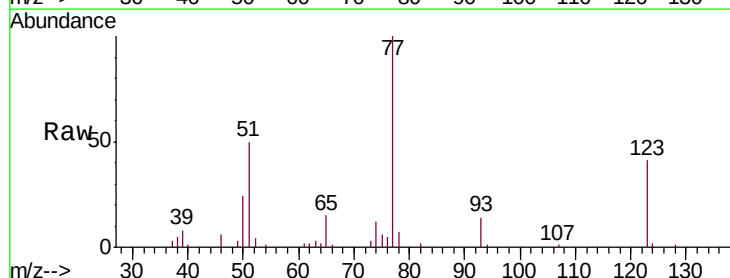
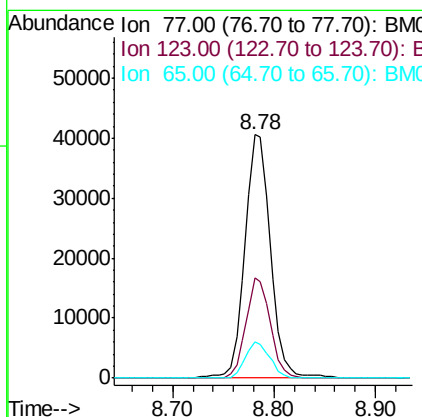
Manual Integrations  
 APPROVED

mohammad  
 8/22/2019 12:48:07 PM

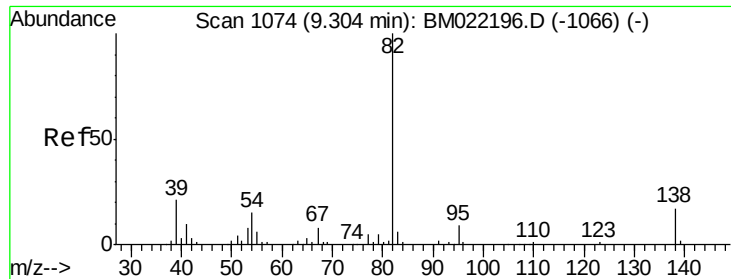


#24  
 Nitrobenzene  
 Concen: 22.236 ng  
 RT: 8.78 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 71044 |       |       |
| 123     | 41.0  | 54.5  | 36.3  | 54.5  |
| 65      | 14.7  | 16.0  | 10.6  | 16.0  |







#25

Isophorone

Concen: 20.555 ng

RT: 9.30 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

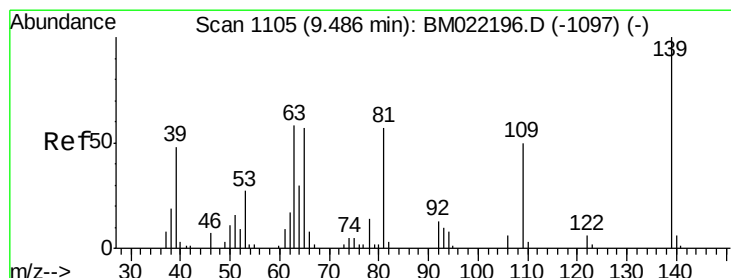
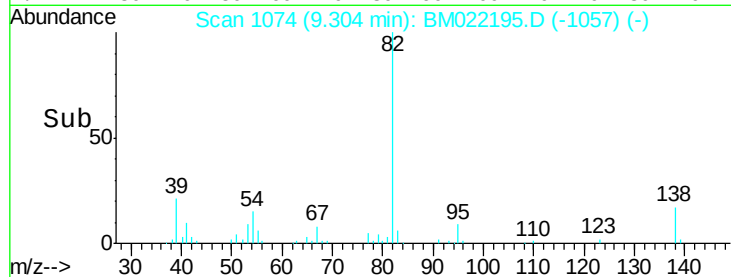
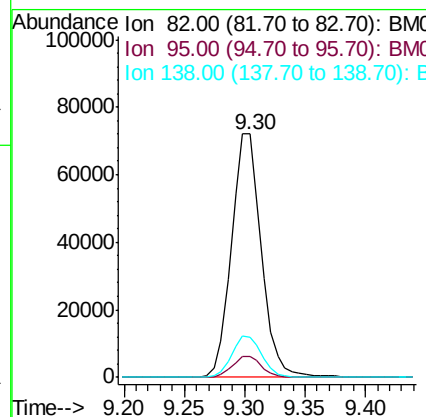
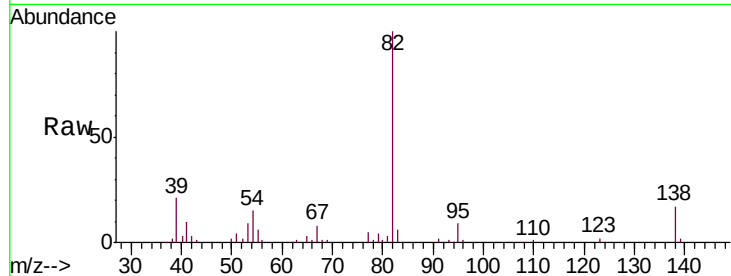
ClientSampleId :

SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 124050 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.6   | 6.1   | 9.1    |
| 138       | 16.6  | 15.0  | 22.6   |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#26

2-Nitrophenol

Concen: 18.116 ng

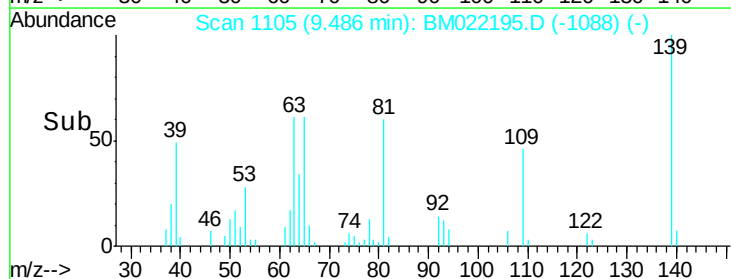
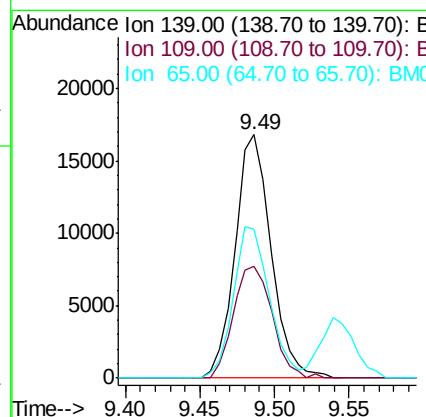
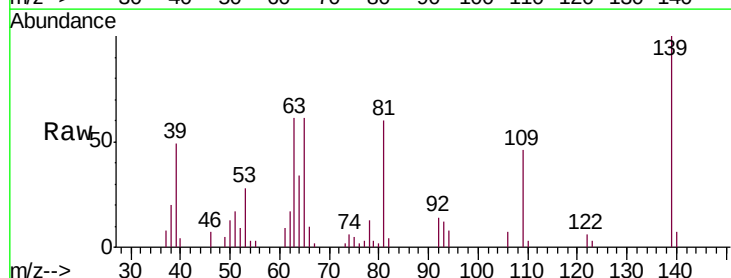
RT: 9.49 min Scan# 1105

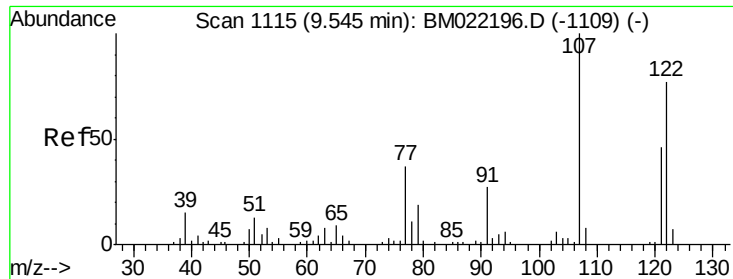
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 28342 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 45.7  | 25.2  | 37.8# |
| 65        | 61.4  | 37.4  | 56.0# |





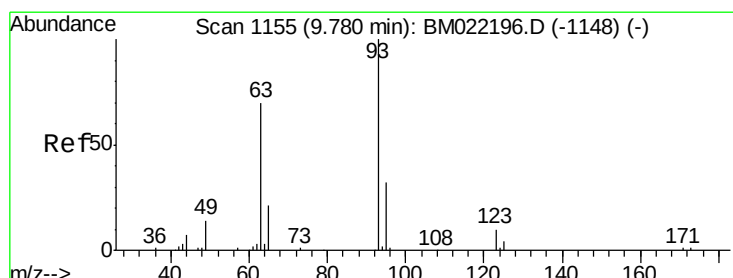
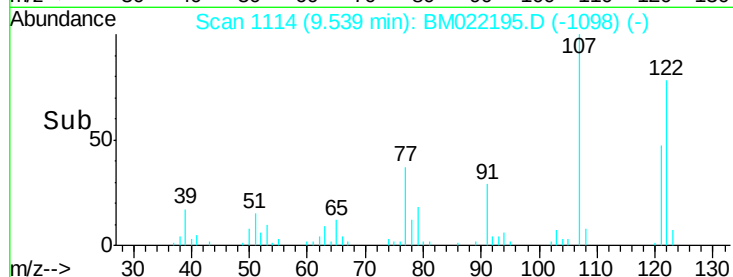
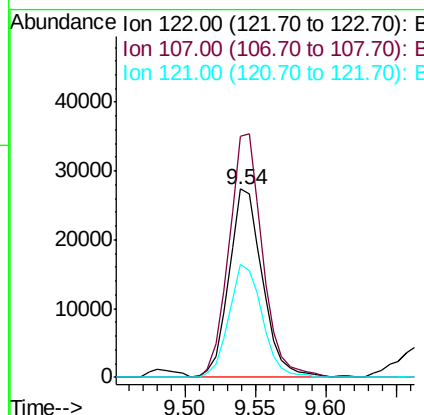
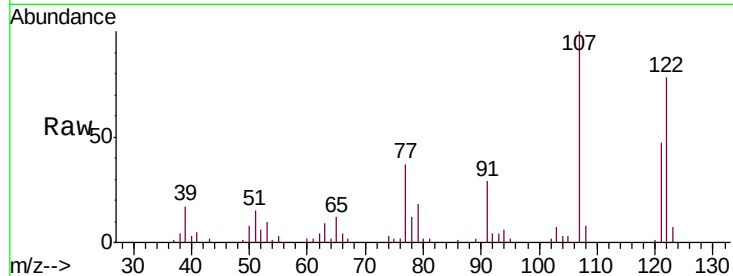
#27  
 2,4-Dimethylphenol  
 Concen: 19.855 ng  
 RT: 9.54 min Scan# 1114  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 45306 |       |       |
| 107     | 128.3 | 95.3  | 142.9 |       |
| 121     | 59.8  | 47.5  | 71.3  |       |

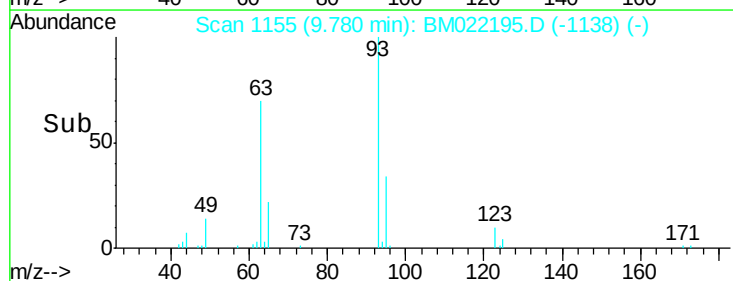
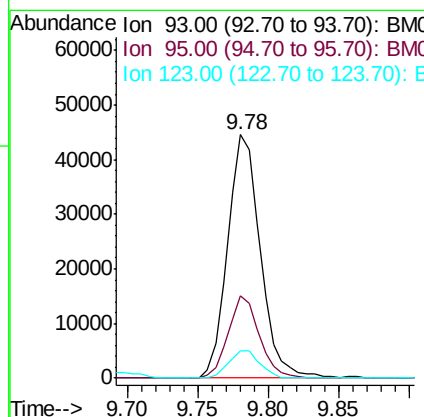
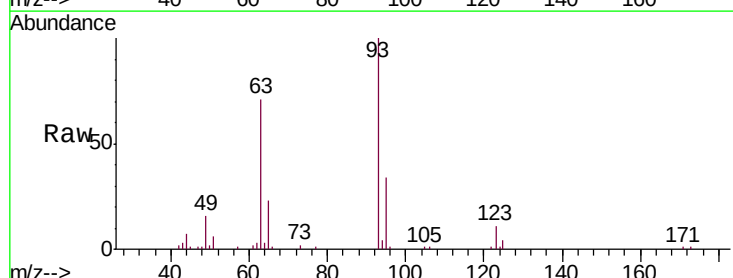
Manual Integrations  
 APPROVED

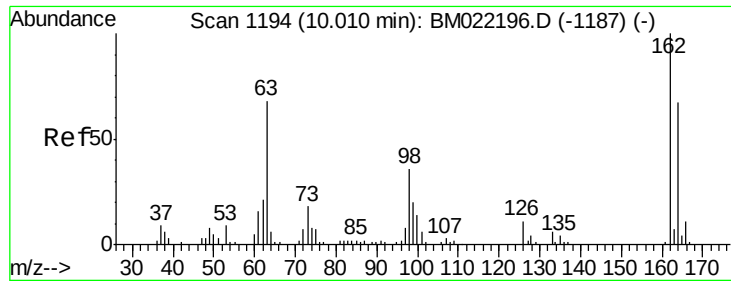
mohammad  
 8/22/2019 12:48:07 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 19.157 ng  
 RT: 9.78 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 71842 |       |       |
| 95      | 34.0  | 26.2  | 39.2  |       |
| 123     | 11.2  | 9.0   | 13.4  |       |





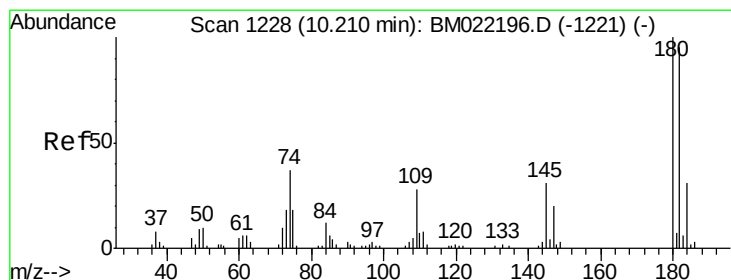
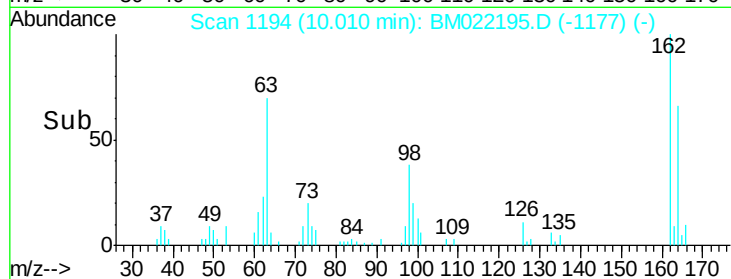
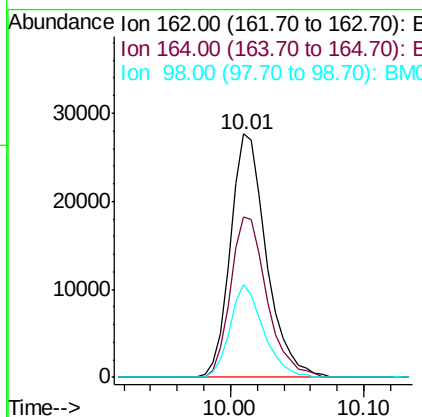
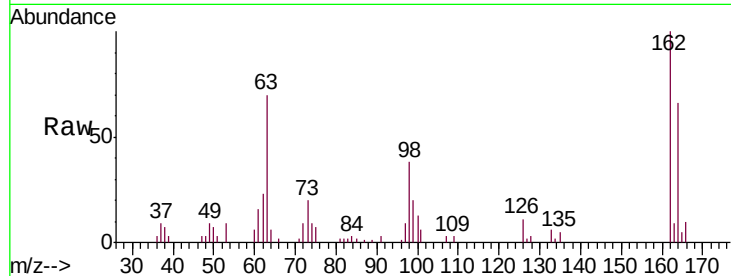
#29  
2,4-Dichlorophenol  
Concen: 17.522 ng  
RT: 10.01 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.1  | 43.7  | 83.7  |
| 98      | 38.0  | 13.4  | 53.4  |

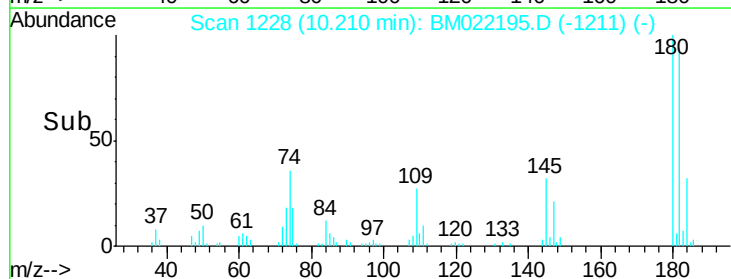
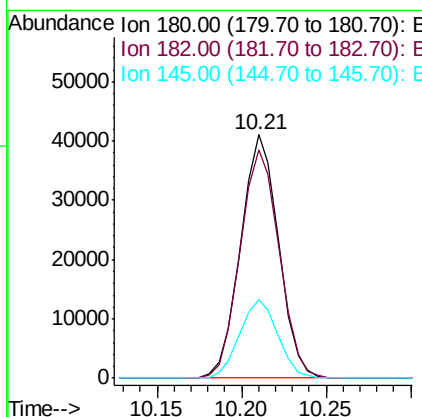
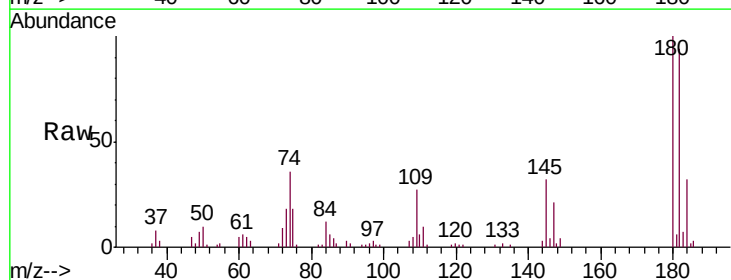
Manual Integrations  
APPROVED

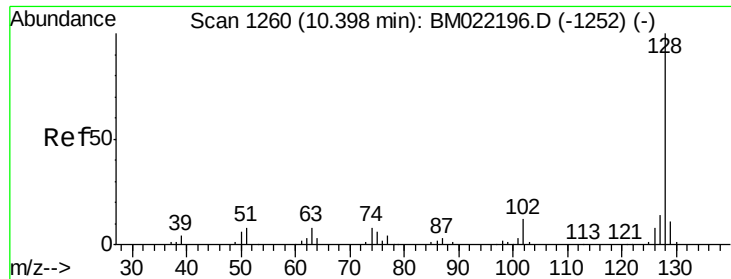
mohammad  
8/22/2019 12:48:07 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 18.427 ng  
RT: 10.21 min Scan# 1228  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 78.0  | 117.0 |
| 145     | 32.2  | 23.4  | 35.0  |





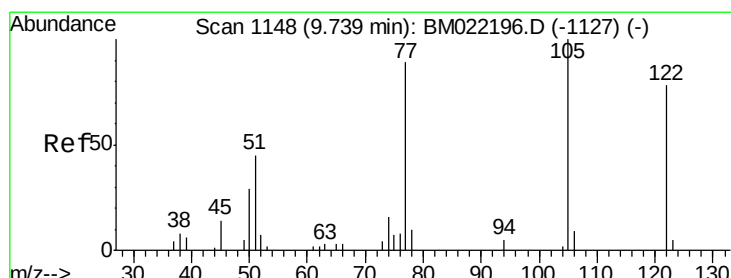
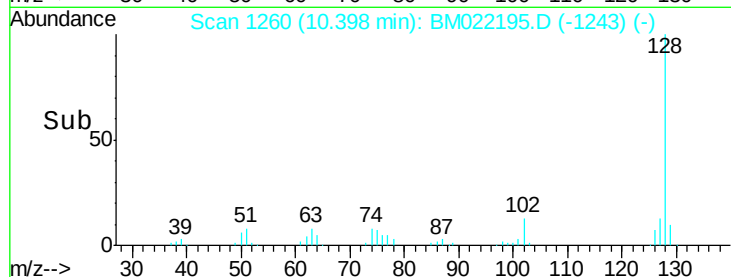
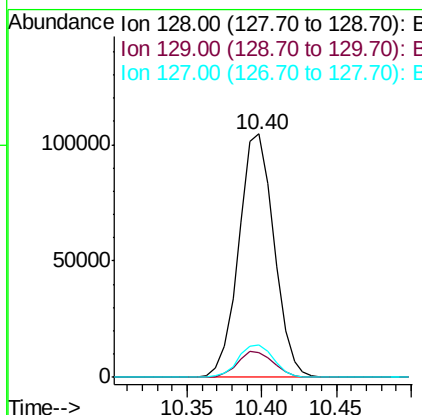
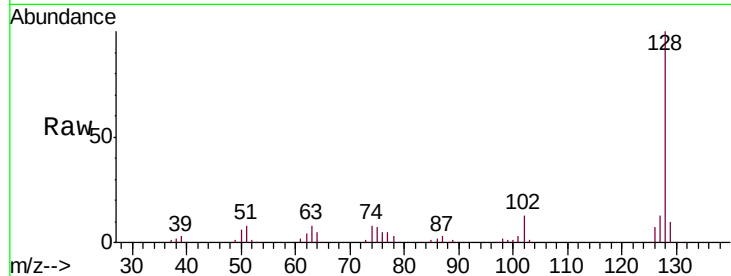
#31  
Naphthalene  
Concen: 19.301 ng  
RT: 10.40 min Scan# 1260  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampled :  
SSTDIC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 171698 |       |       |
| 129     | 10.2  | 8.6    | 13.0  |       |
| 127     | 13.2  | 10.8   | 16.2  |       |

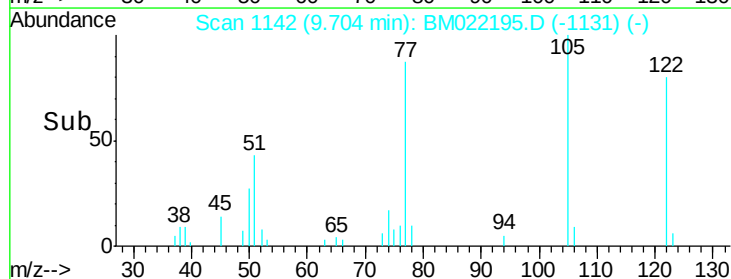
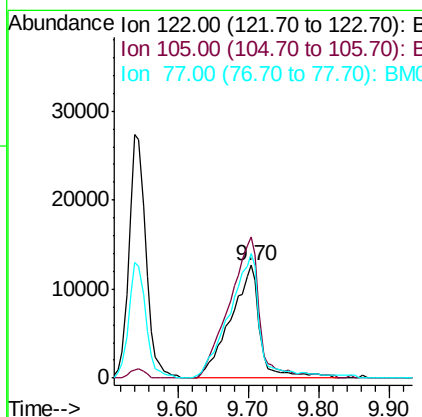
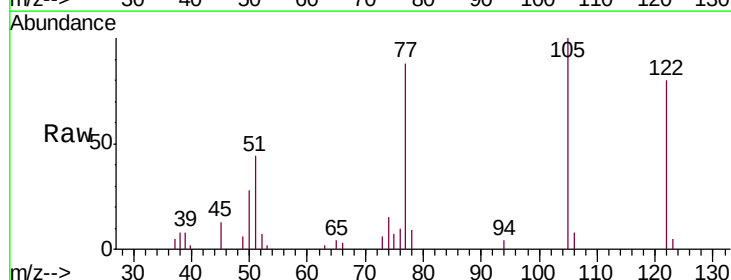
Manual Integrations  
APPROVED

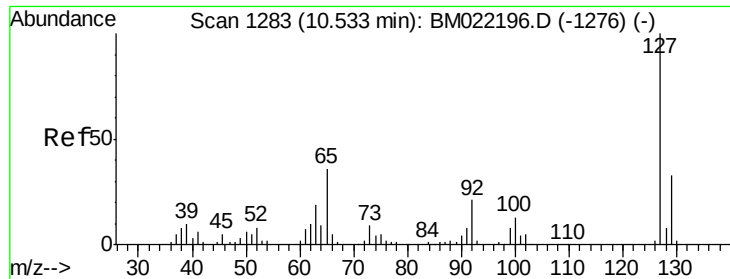
mohammad  
8/22/2019 12:48:07 PM



#32  
Benzoic acid  
Concen: 19.912 ng m  
RT: 9.70 min Scan# 1142  
Delta R.T. -0.04 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 36756 |       |       |
| 105     | 125.6 | 108.9 | 148.9 |       |
| 77      | 110.7 | 76.7  | 116.7 |       |





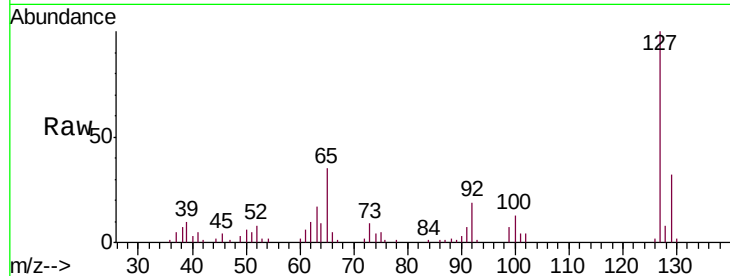
#33  
4-Chloroaniline  
Concen: 17.955 ng  
RT: 10.54 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.9  | 25.1  | 37.7  |
| 65      | 35.1  | 23.8  | 35.8  |
| 92      | 19.3  | 15.7  | 23.5  |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



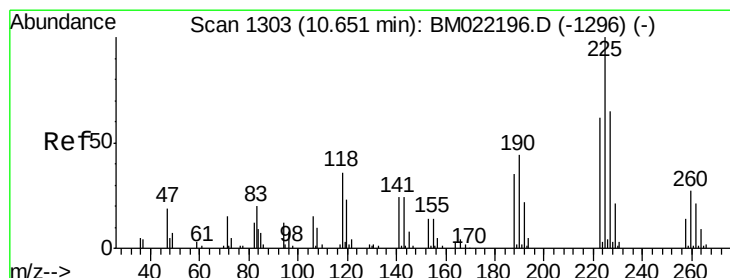
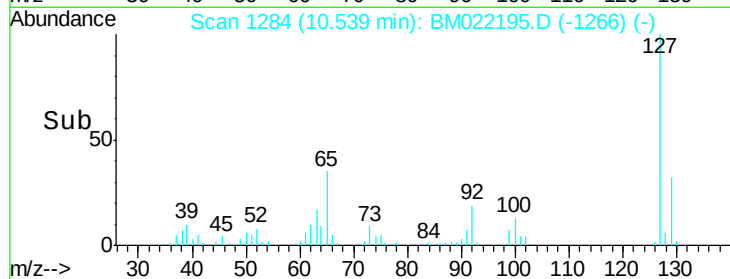
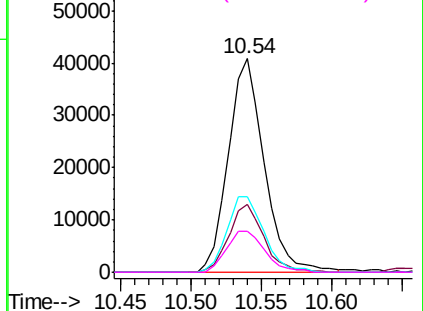
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

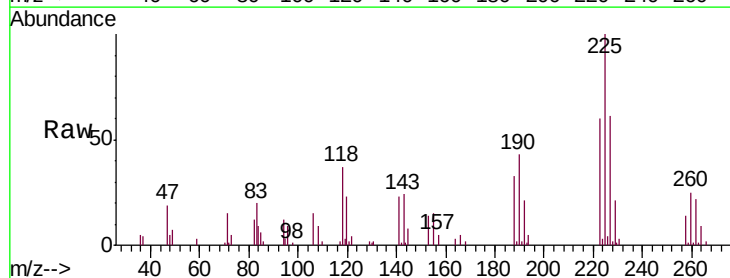
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 24.972 ng  
RT: 10.65 min Scan# 1303  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.1  | 49.6  | 74.4  |
| 227     | 61.1  | 50.4  | 75.6  |

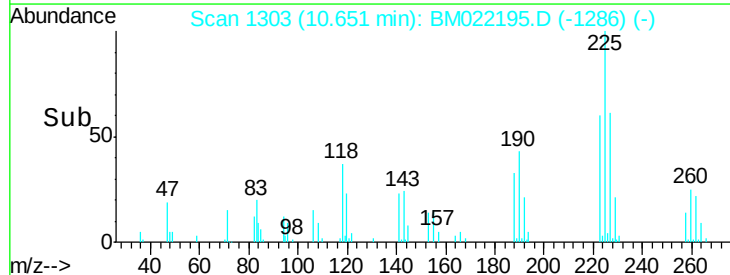
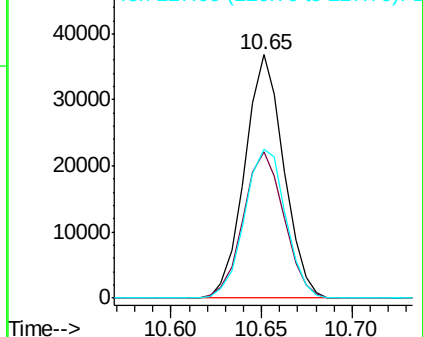


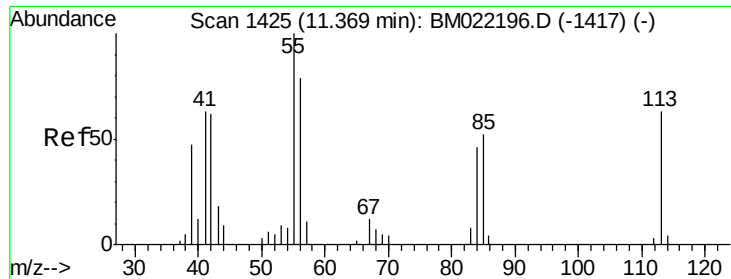
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.546 ng m

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 15284

Ion Ratio Lower Upper

113 100

55 153.1 129.8 169.8

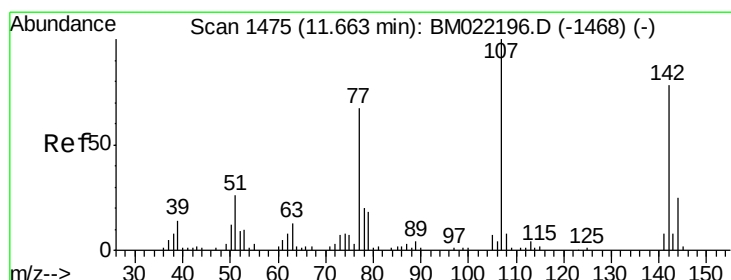
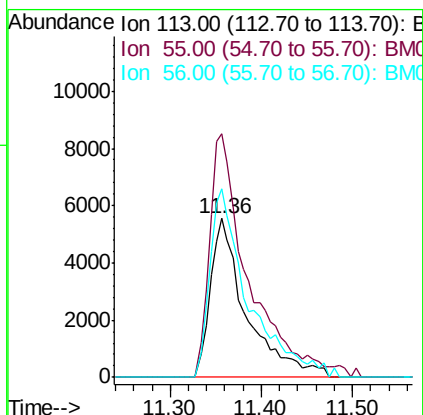
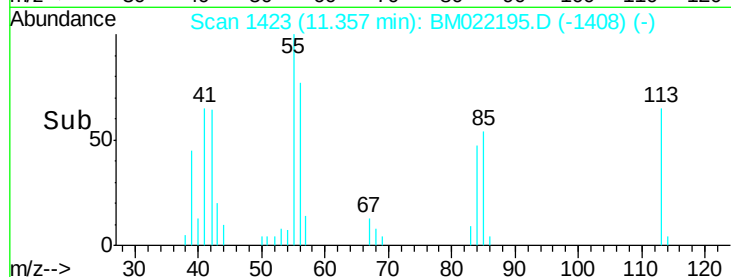
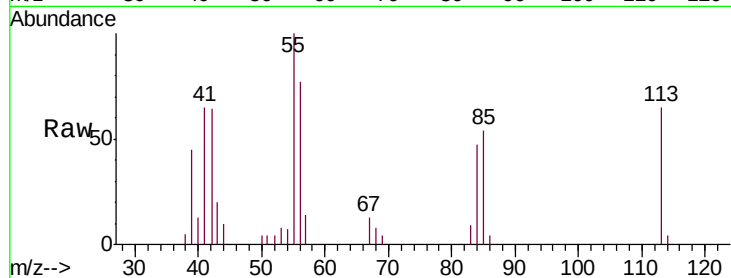
56 118.5 94.3 134.3

Manual Integrations

APPROVED

mohammad

8/22/2019 12:48:07 PM



#36

4-Chloro-3-methylphenol

Concen: 19.164 ng

RT: 11.66 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

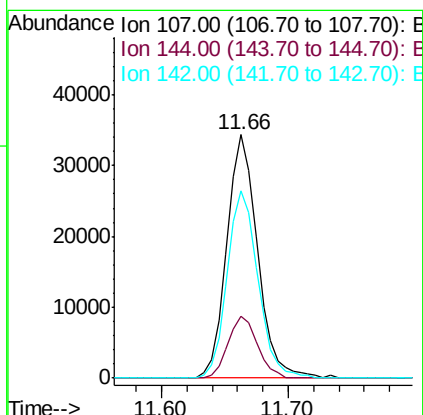
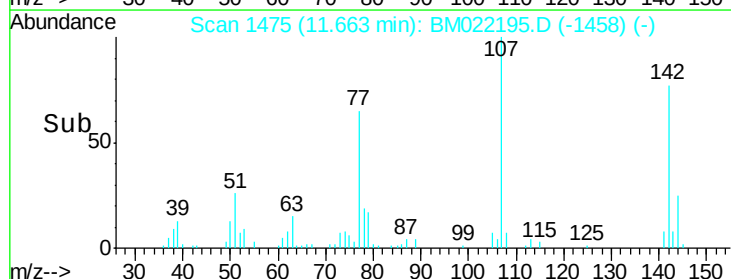
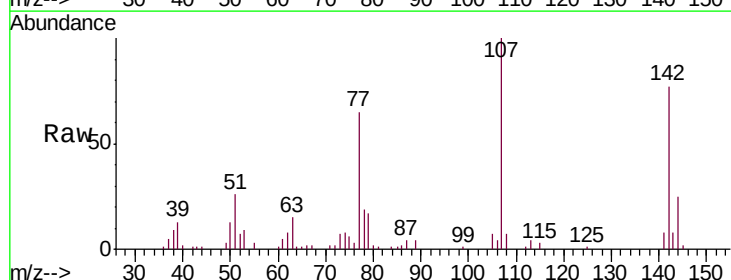
Tgt Ion:107 Resp: 57591

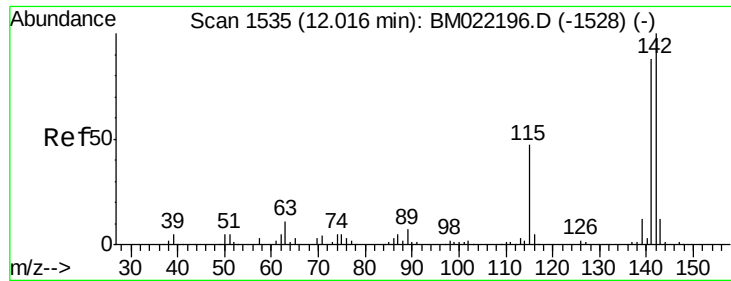
Ion Ratio Lower Upper

107 100

144 25.2 21.3 31.9

142 77.1 64.9 97.3





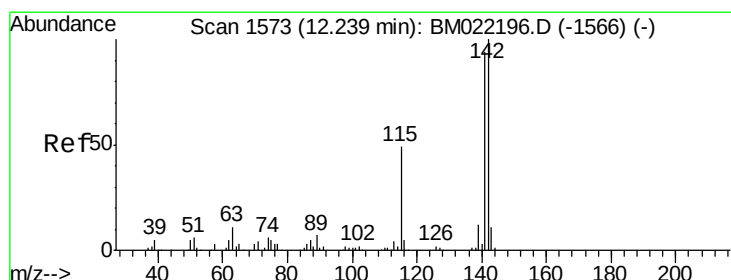
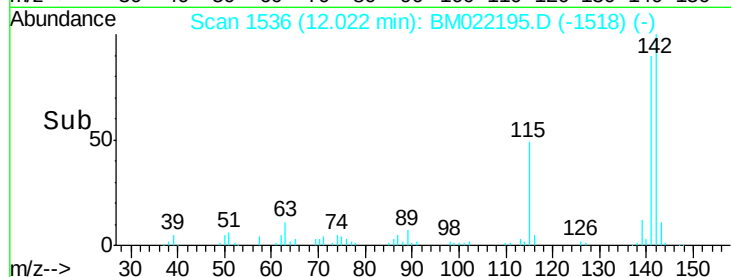
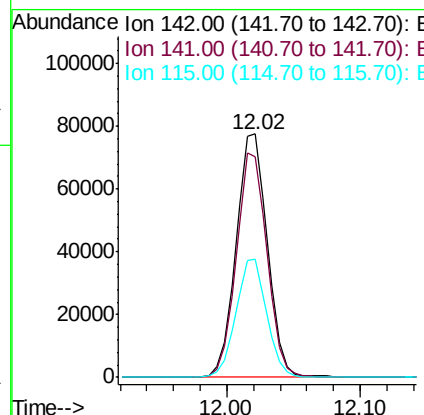
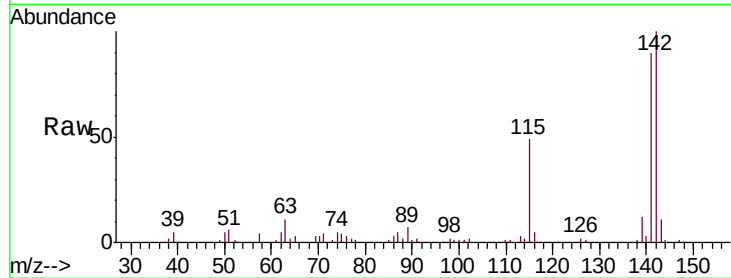
#37  
 2-Methylnaphthalene  
 Concen: 18.439 ng  
 RT: 12.02 min Scan# 1536  
 Delta R.T. 0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTDICC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 126210 |       |       |
| 141     | 90.4  | 72.2   | 108.2 |       |
| 115     | 48.7  | 27.9   | 41.9  |       |

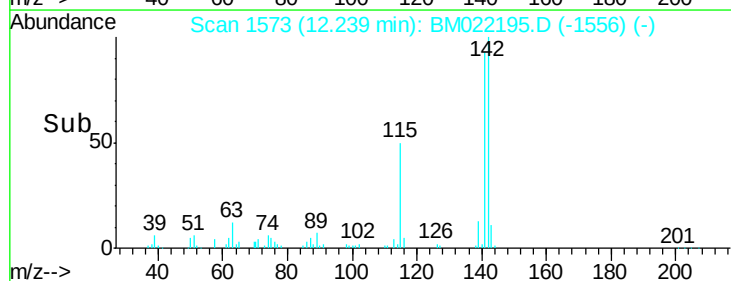
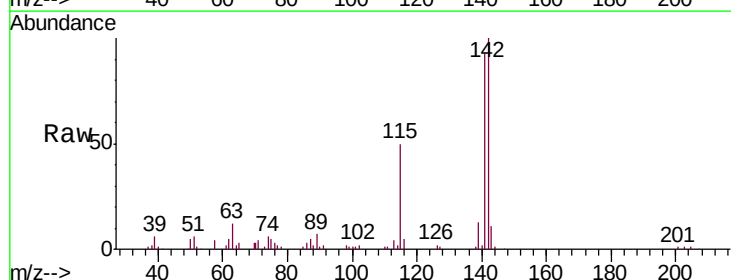
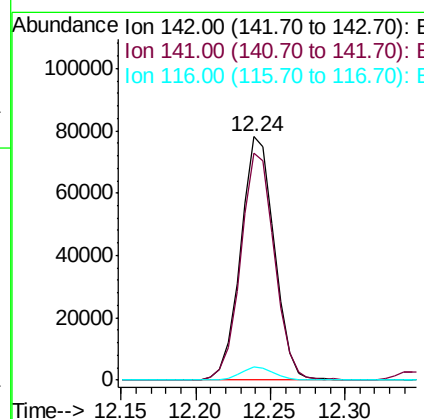
Manual Integrations  
 APPROVED

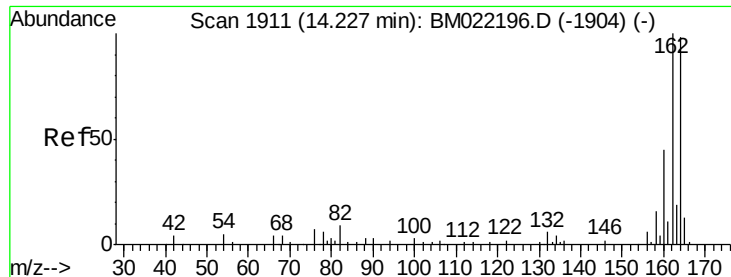
mohammad  
 8/22/2019 12:48:07 PM



#38  
 1-Methylnaphthalene  
 Concen: 18.667 ng  
 RT: 12.24 min Scan# 1573  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 121870 |       |       |
| 141     | 93.1  | 73.9   | 110.9 |       |
| 116     | 5.4   | 3.0    | 4.6   |       |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

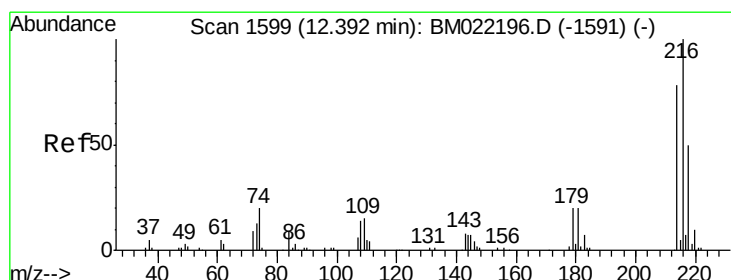
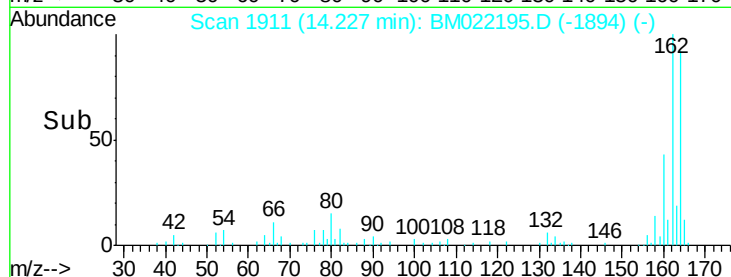
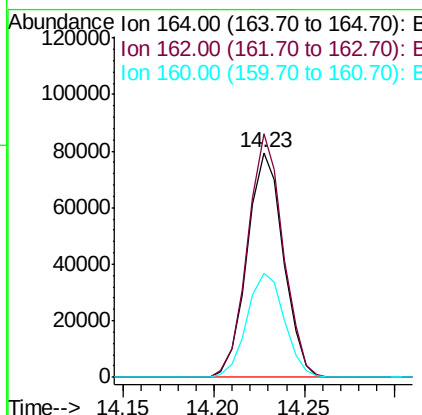
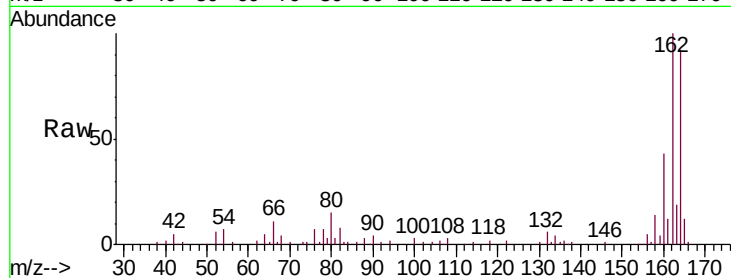
ClientSampleId :

SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 110691 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 108.4 | 82.1  | 123.1  |
| 160       | 46.3  | 37.1  | 55.7   |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.240 ng

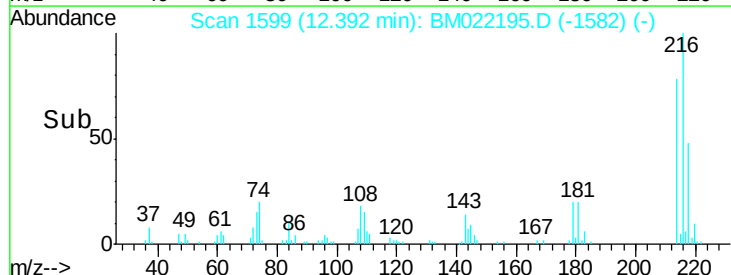
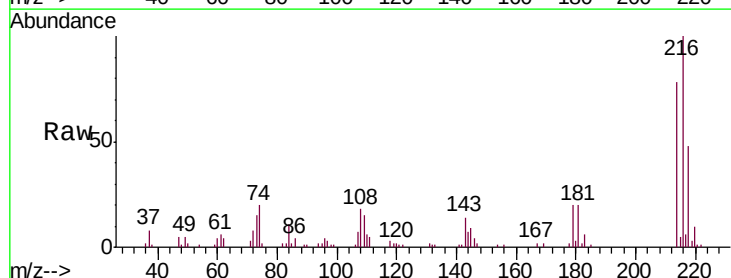
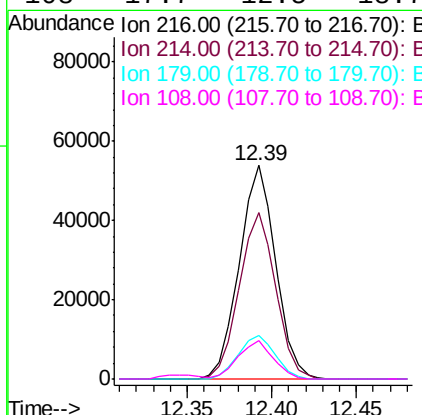
RT: 12.39 min Scan# 1599

Delta R.T. 0.00 min

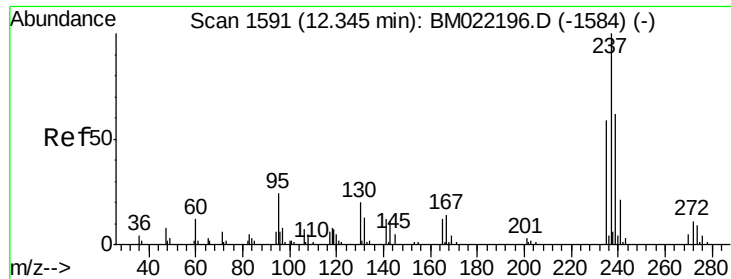
Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 80609 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 77.8  | 63.0  | 94.6  |
| 179       | 20.8  | 16.4  | 24.6  |
| 108       | 17.7  | 12.5  | 18.7  |







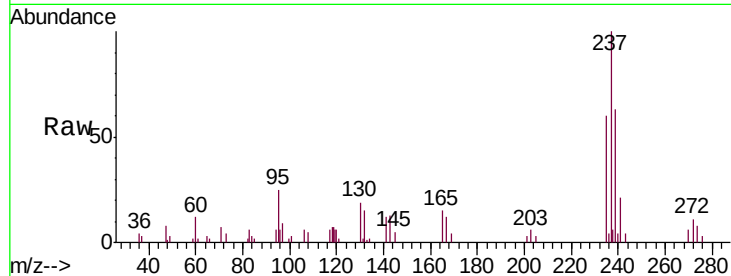
#41  
Hexachlorocyclopentadiene  
Concen: 12.944 ng  
RT: 12.35 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

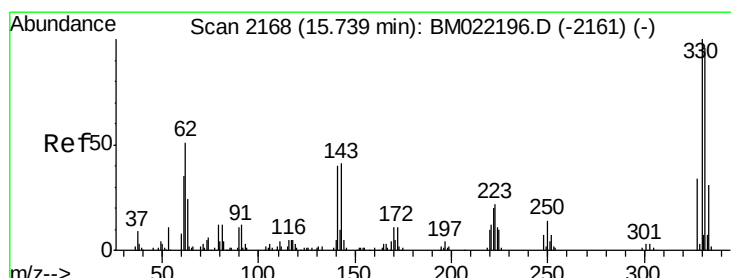
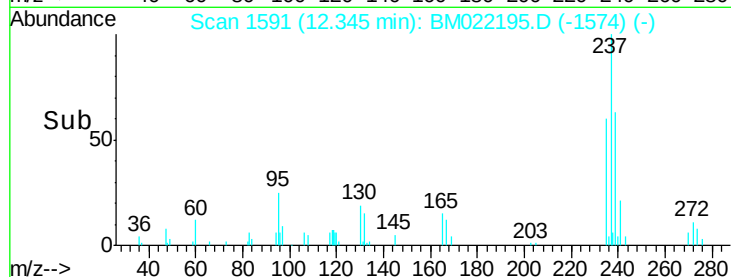
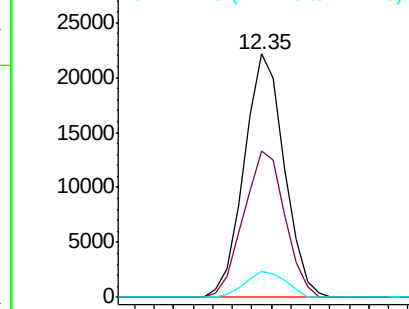
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 31437 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.3  | 41.7  | 81.7  |
| 272       | 10.9  | 0.0   | 34.1  |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM

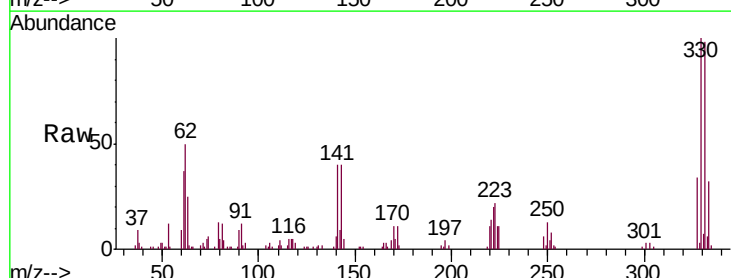


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

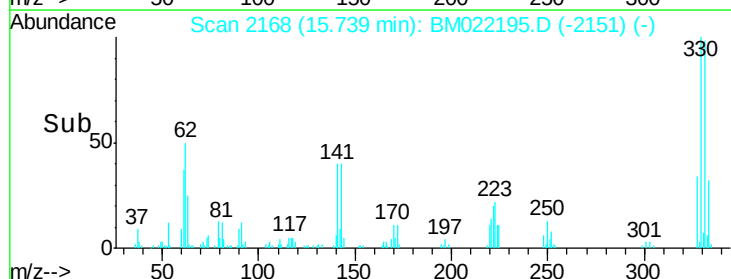
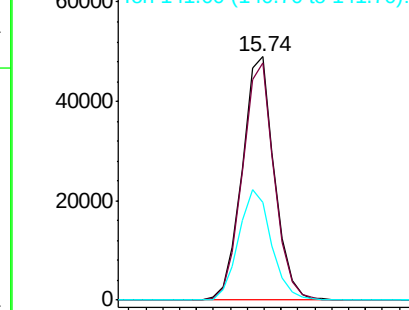


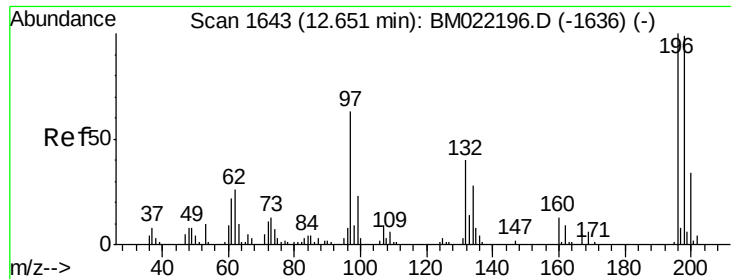
#42  
2,4,6-Tribromophenol  
Concen: 31.276 ng  
RT: 15.74 min Scan# 2168  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 64962 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 96.0  | 77.1  | 115.7 |
| 141       | 46.0  | 21.8  | 32.8# |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





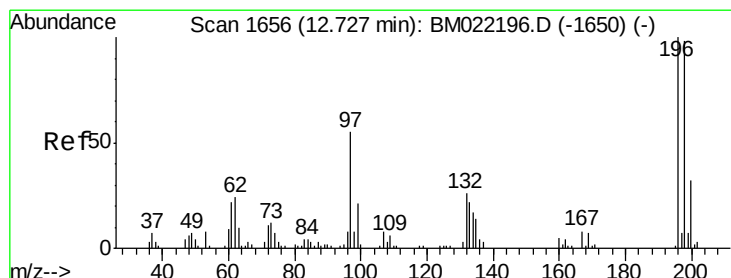
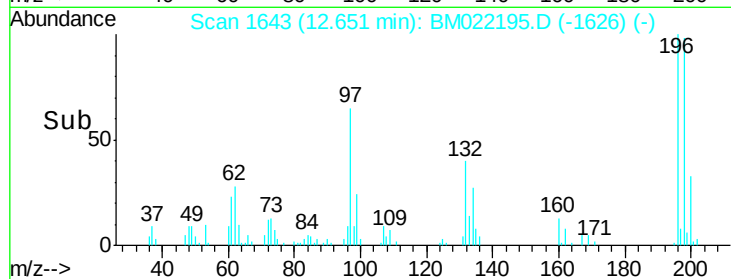
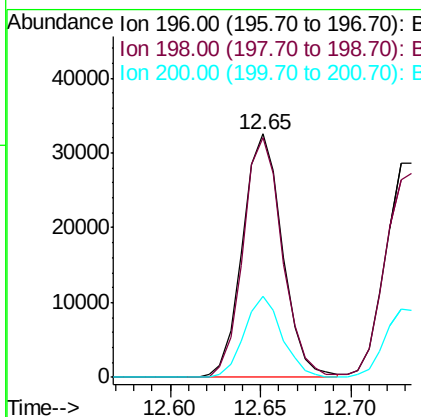
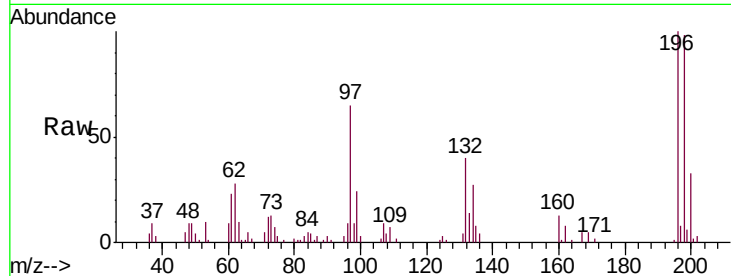
#43  
 2,4,6-Trichlorophenol  
 Concen: 17.932 ng  
 RT: 12.65 min Scan# 1643  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 49715 |       |       |
| 198     | 98.3  | 76.7  | 115.1 |       |
| 200     | 33.4  | 24.2  | 36.4  |       |

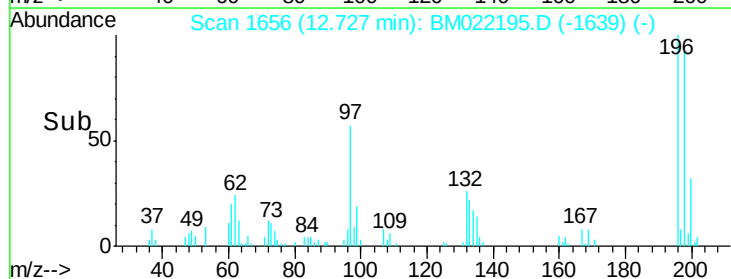
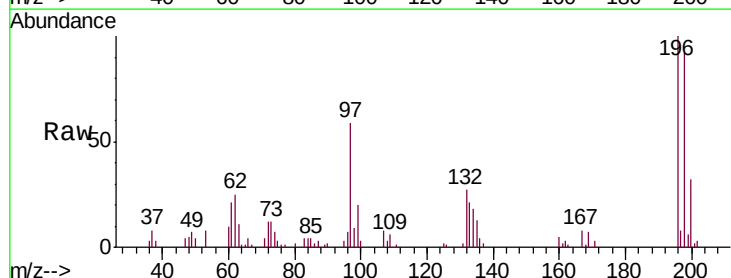
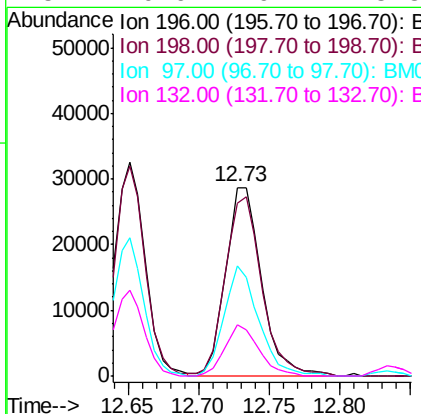
Manual Integrations  
 APPROVED

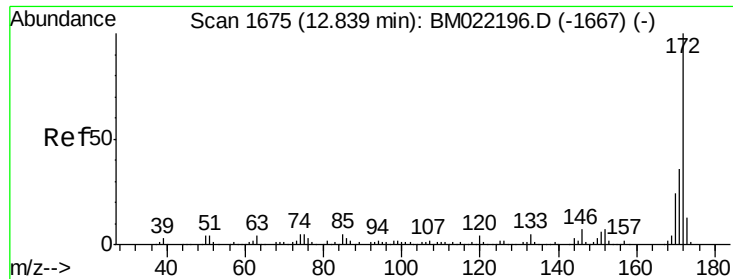
mohammad  
 8/22/2019 12:48:07 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 17.832 ng  
 RT: 12.73 min Scan# 1656  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 51195 |       |       |
| 198     | 92.0  | 78.2  | 117.4 |       |
| 97      | 58.6  | 34.1  | 51.1# |       |
| 132     | 26.9  | 19.2  | 28.8  |       |





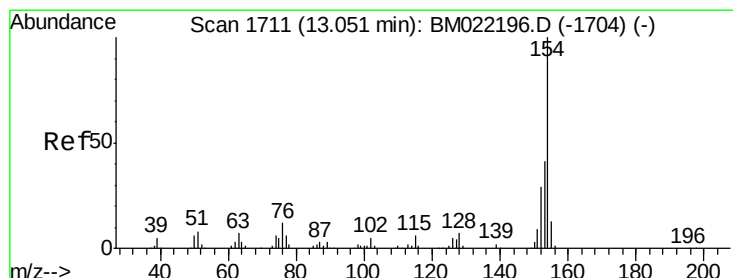
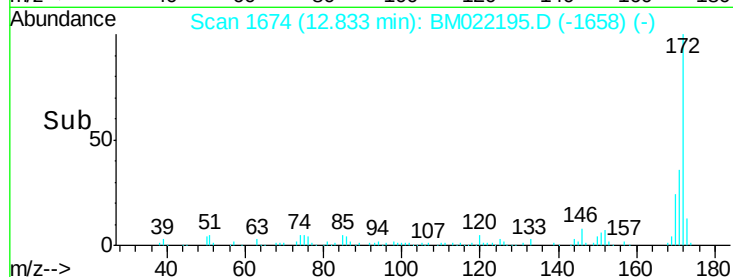
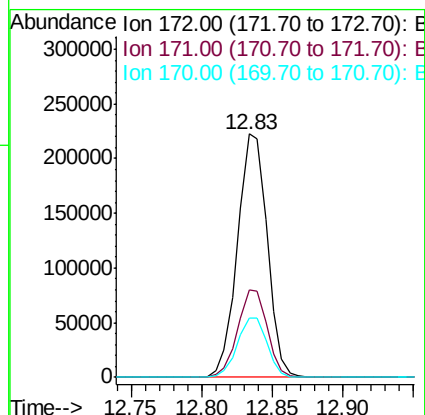
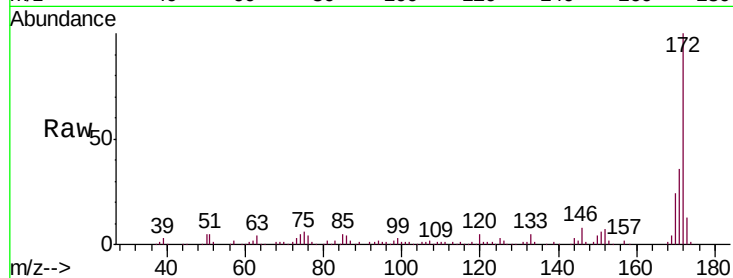
#45  
 2-Fluorobiphenyl  
 Concen: 36.383 ng  
 RT: 12.83 min Scan# 1674  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 327684 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.7  | 28.6  | 43.0   |
| 170       | 24.1  | 18.7  | 28.1   |

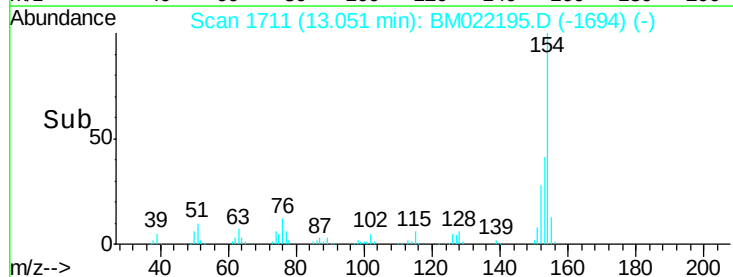
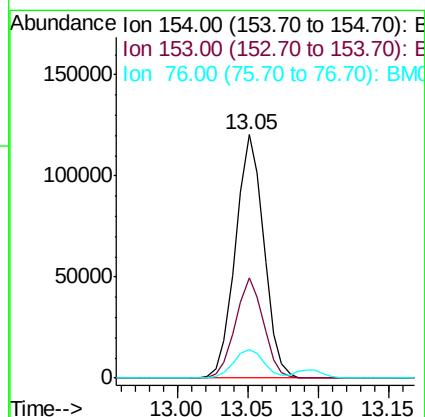
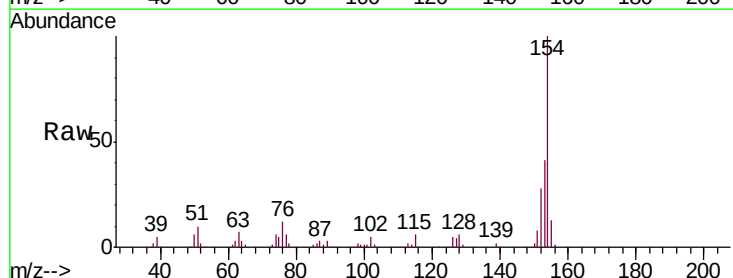
Manual Integrations  
 APPROVED

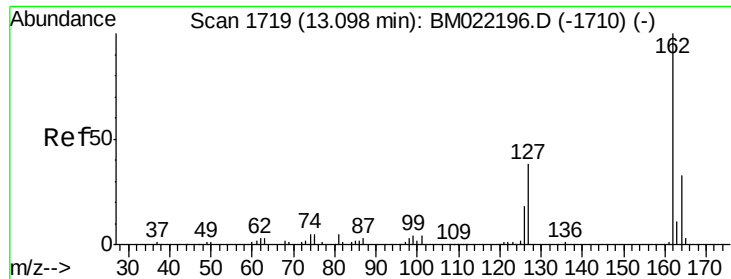
mohammad  
 8/22/2019 12:48:07 PM



#46  
 1,1'-Biphenyl  
 Concen: 17.832 ng  
 RT: 13.05 min Scan# 1711  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 168939 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.4  | 21.3  | 61.3   |
| 76        | 12.0  | 0.0   | 30.9   |





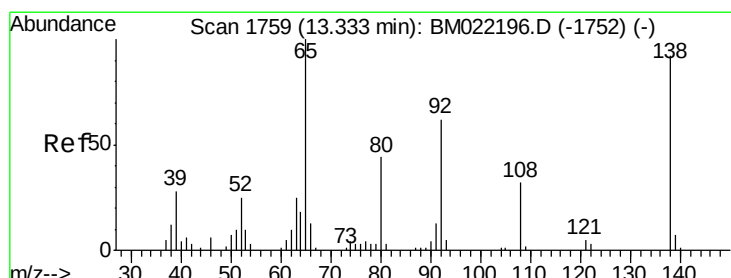
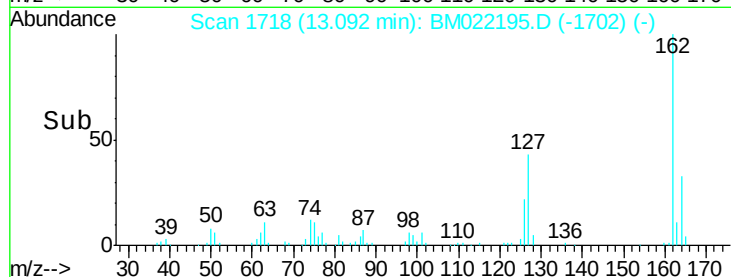
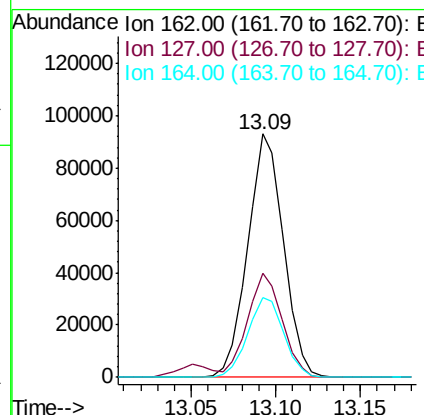
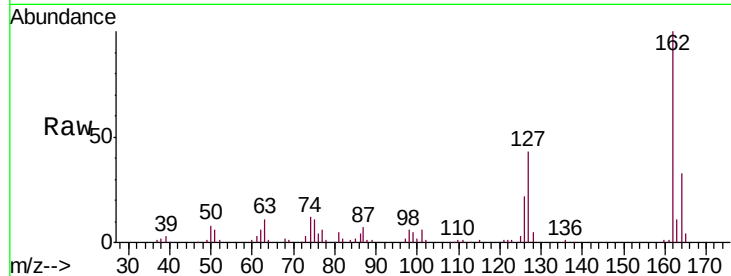
#47  
 2-Chloronaphthalene  
 Concen: 17.800 ng  
 RT: 13.09 min Scan# 1718  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 136966 |       |       |
| 127     | 42.6  | 29.4   | 44.2  |       |
| 164     | 32.9  | 26.5   | 39.7  |       |

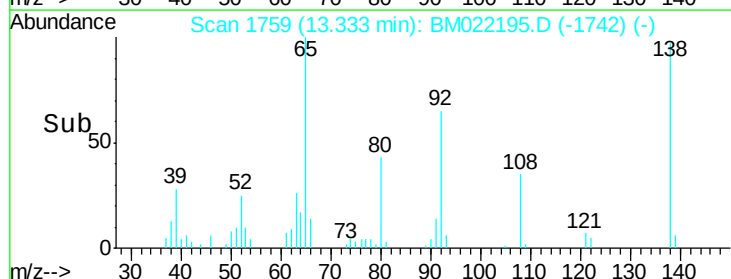
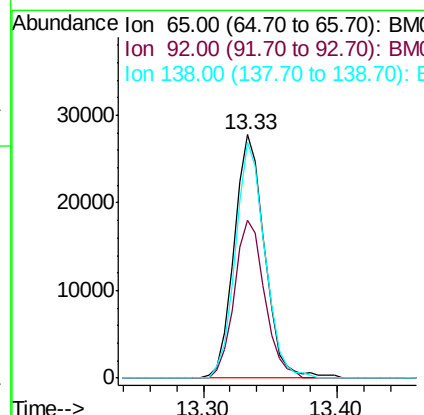
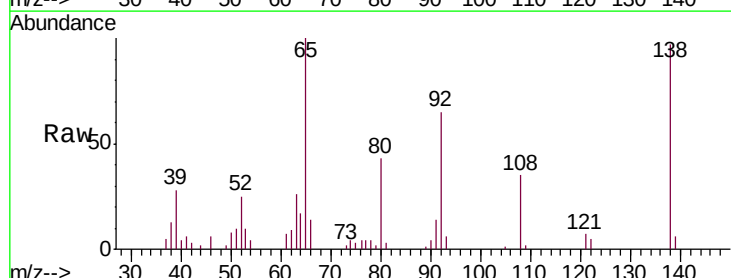
Manual Integrations  
 APPROVED

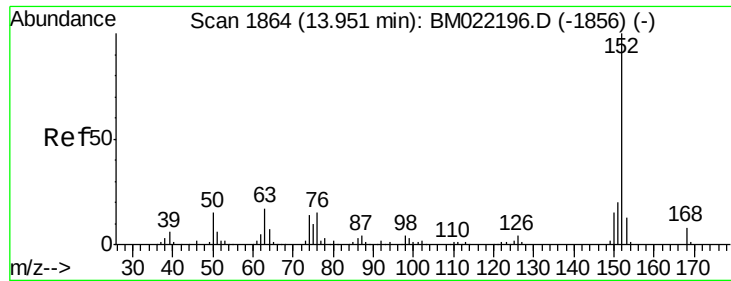
mohammad  
 8/22/2019 12:48:07 PM



#48  
 2-Nitroaniline  
 Concen: 21.082 ng  
 RT: 13.33 min Scan# 1759  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 44377 |       |       |
| 92      | 64.6  | 56.3  | 84.5  |       |
| 138     | 97.0  | 92.6  | 139.0 |       |





#49

Acenaphthylene

Concen: 18.163 ng

RT: 13.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

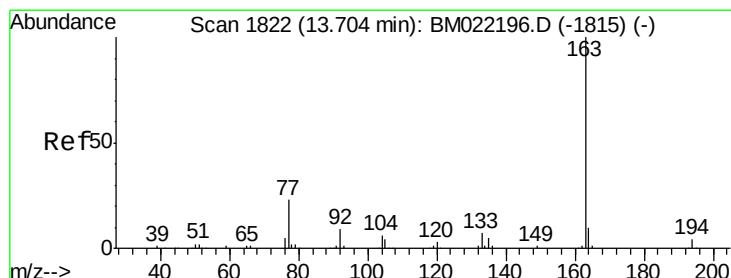
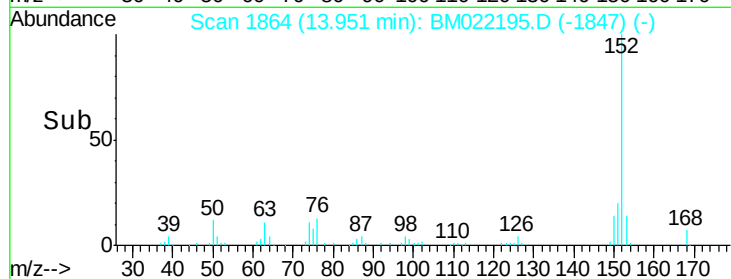
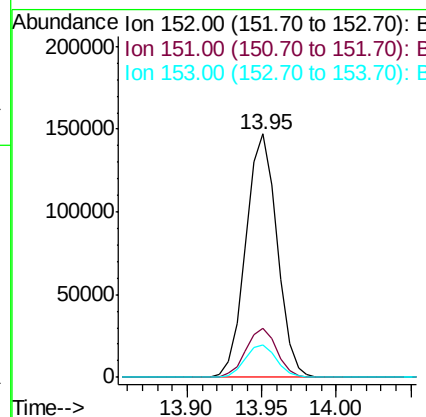
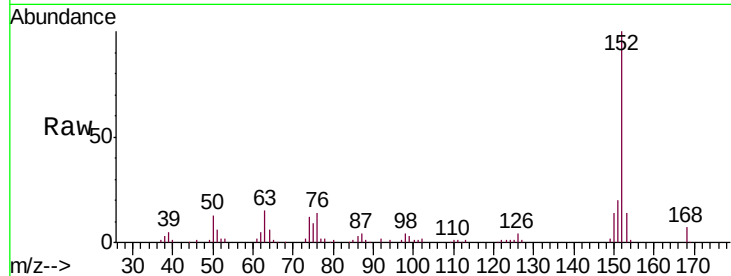
ClientSampleId :

SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 212674 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.2  | 16.1  | 24.1   |
| 153       | 13.6  | 10.6  | 16.0   |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#50

Dimethylphthalate

Concen: 18.924 ng

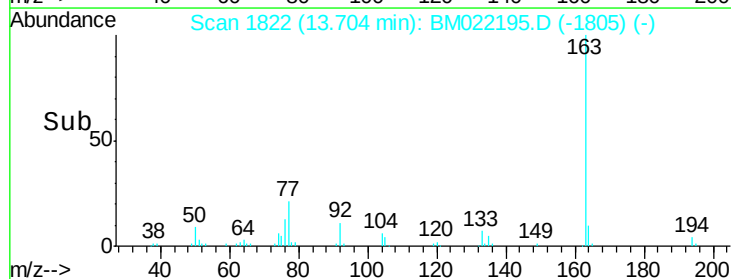
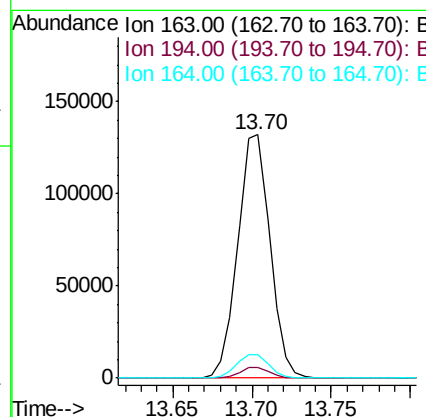
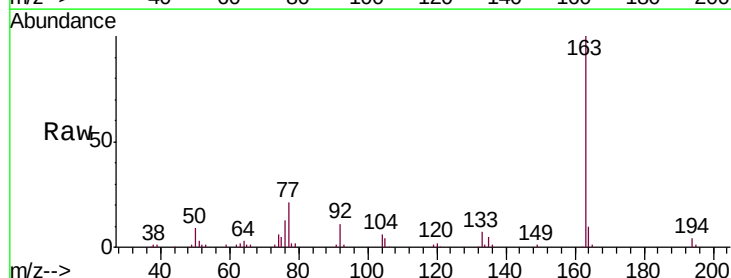
RT: 13.70 min Scan# 1822

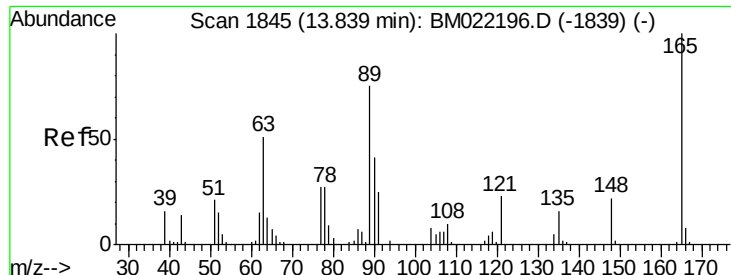
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 186237 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.2   | 3.4   | 5.2    |
| 164       | 9.6   | 8.2   | 12.2   |





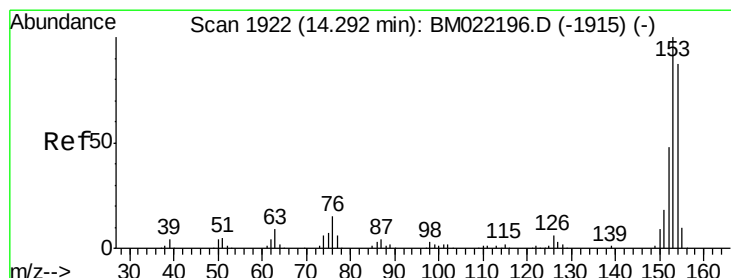
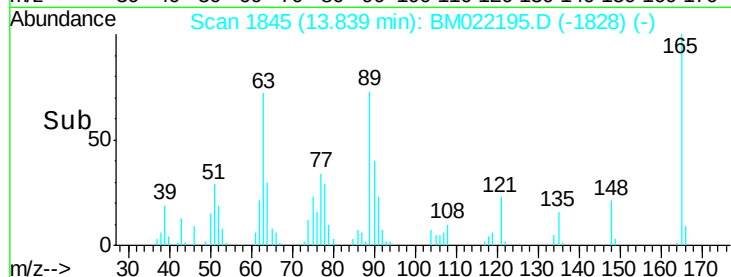
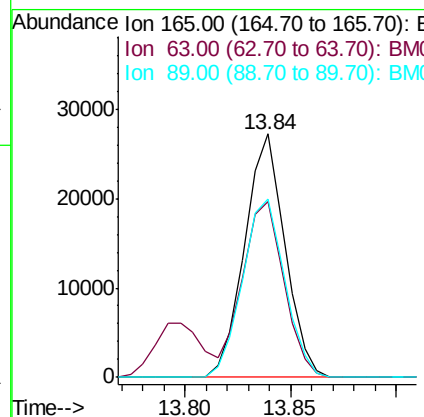
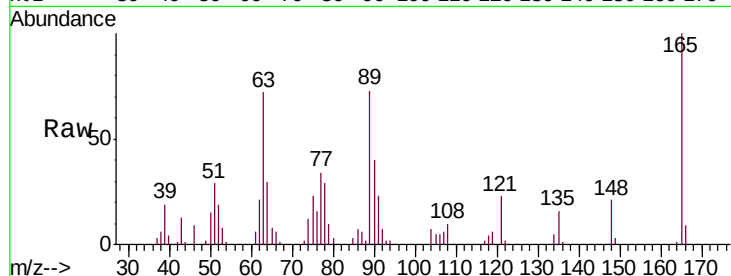
#51  
2,6-Dinitrotoluene  
Concen: 17.006 ng  
RT: 13.84 min Scan# 1845  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 72.1  | 37.8       | 56.6#      |
| 89      | 73.1  | 39.7       | 59.5#      |

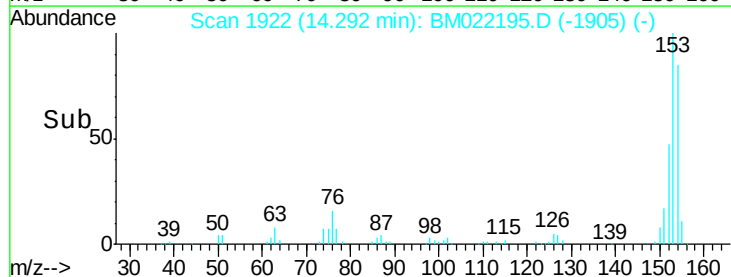
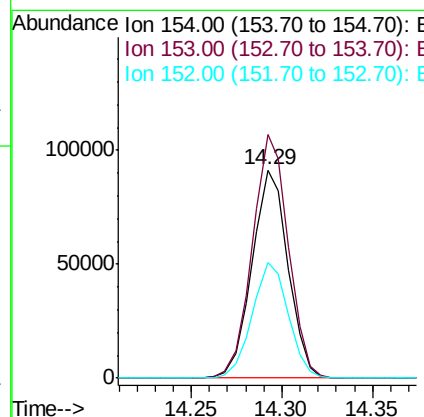
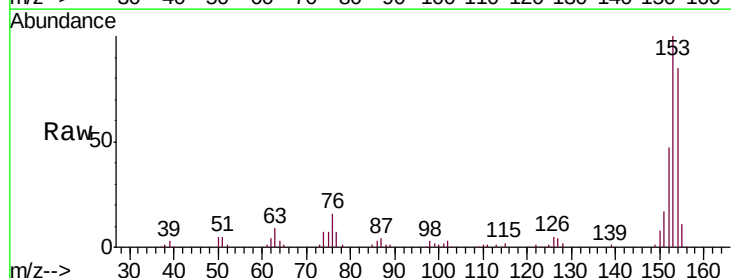
Manual Integrations  
APPROVED

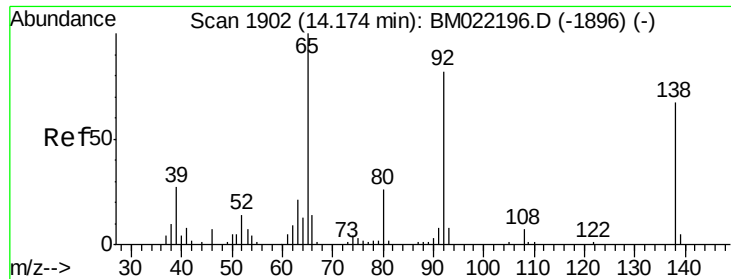
mohammad  
8/22/2019 12:48:07 PM



#52  
Acenaphthene  
Concen: 17.813 ng  
RT: 14.29 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 117.0 | 91.5       | 137.3      |
| 152     | 55.4  | 42.3       | 63.5       |





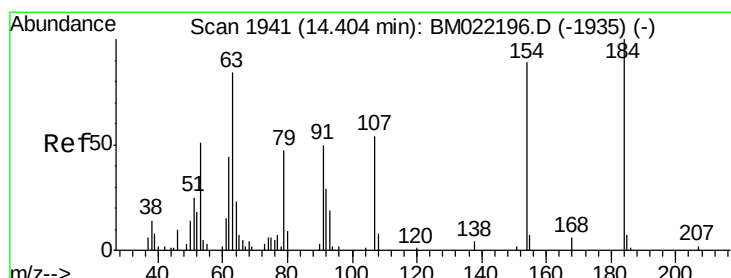
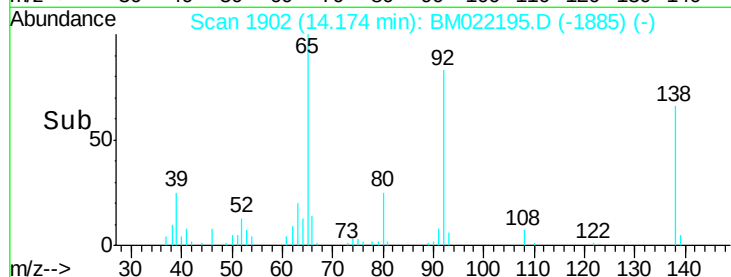
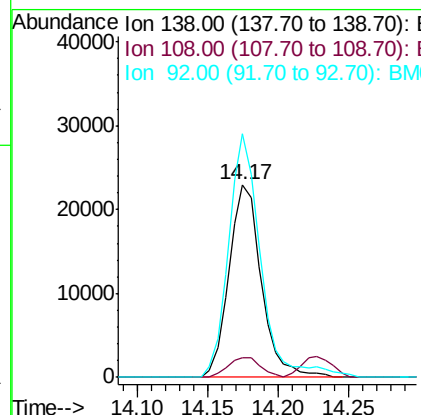
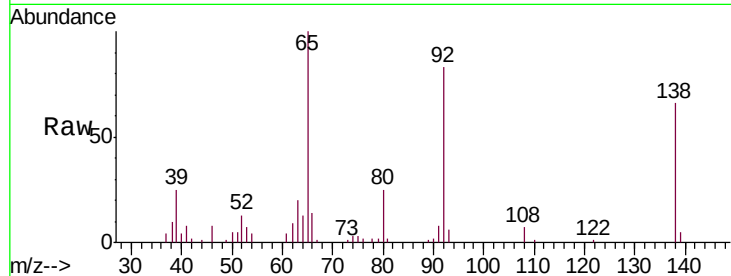
#53  
 3-Nitroaniline  
 Concen: 17.004 ng  
 RT: 14.17 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.1  | 9.0   | 13.4  |
| 92      | 126.5 | 92.2  | 138.2 |

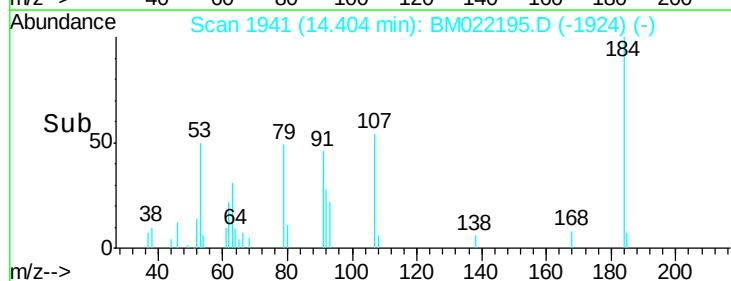
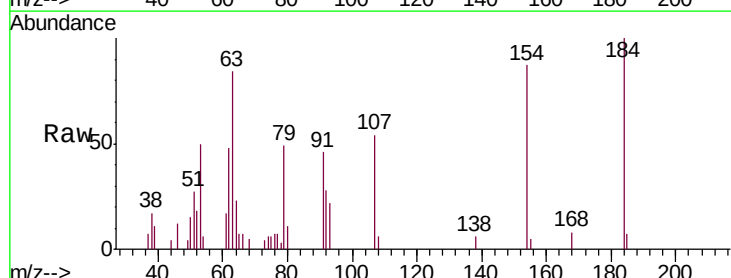
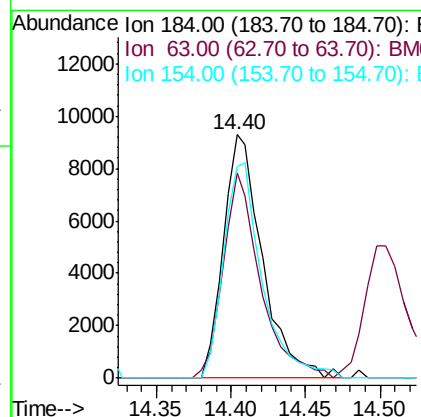
Manual Integrations  
 APPROVED

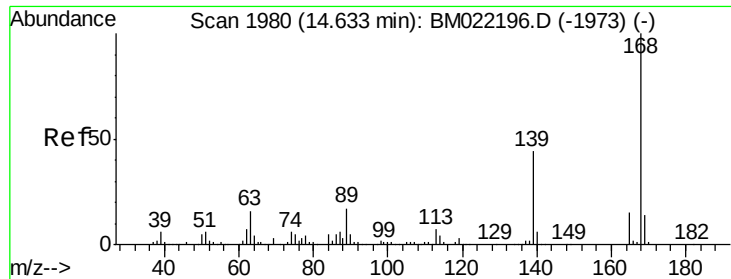
mohammad  
 8/22/2019 12:48:07 PM



#54  
 2,4-Dinitrophenol  
 Concen: 14.968 ng  
 RT: 14.40 min Scan# 1941  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 84.1  | 45.5  | 68.3# |
| 154     | 87.1  | 50.6  | 76.0# |





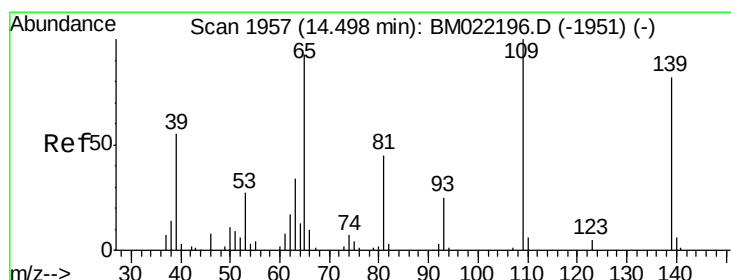
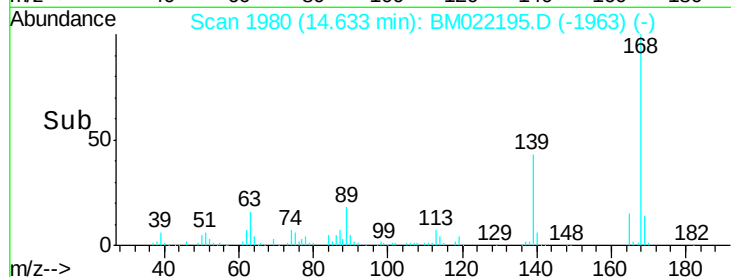
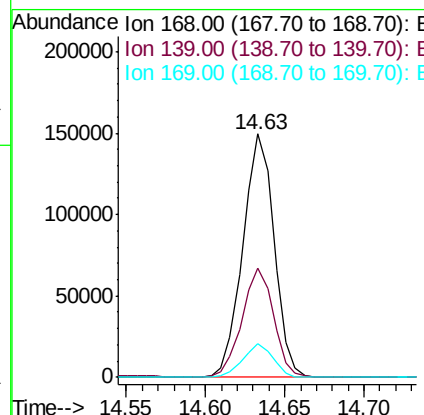
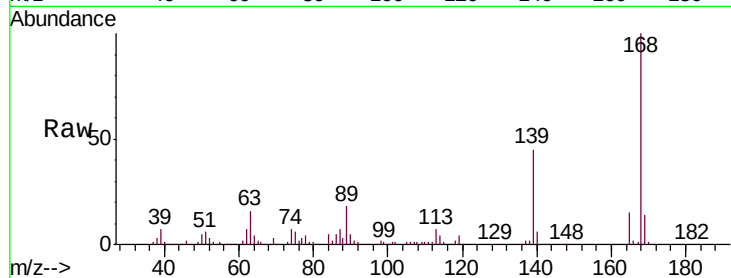
#55  
Dibenzenofuran  
Concen: 17.791 ng  
RT: 14.63 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 205041 |       |       |
| 139     | 44.7  | 28.4   | 42.6# |       |
| 169     | 13.8  | 10.6   | 16.0  |       |

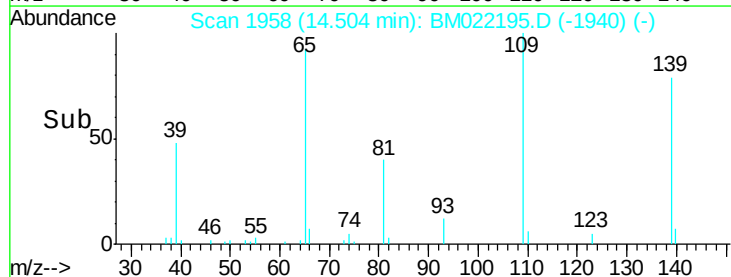
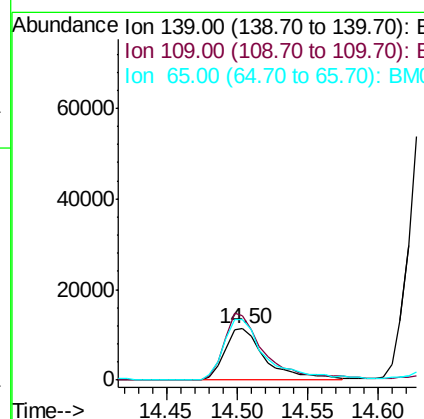
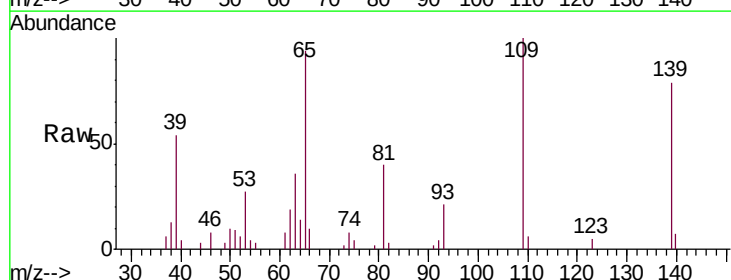
Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM

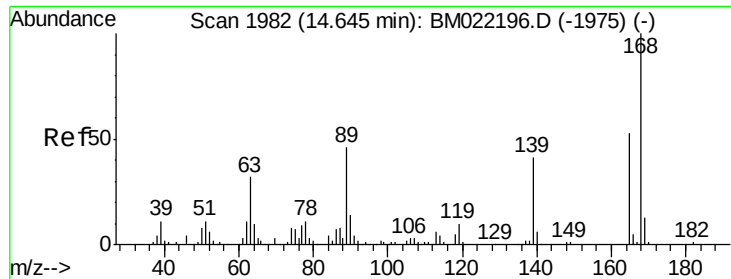


#56  
4-Nitrophenol  
Concen: 14.019 ng  
RT: 14.50 min Scan# 1958  
Delta R.T. 0.01 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   | 23139 |        |       |
| 109     | 125.8 | 53.3  | 93.3#  |       |
| 65      | 118.7 | 70.3  | 110.3# |       |







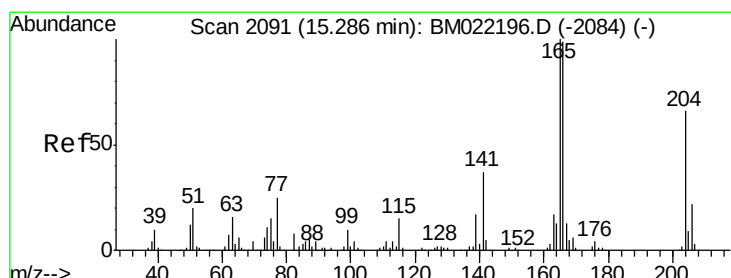
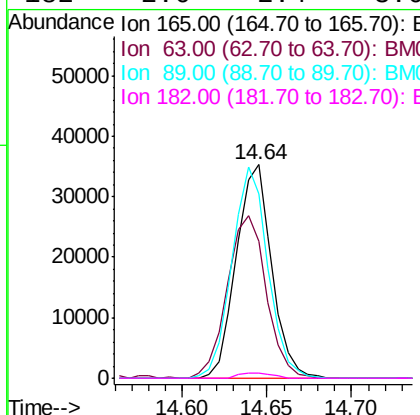
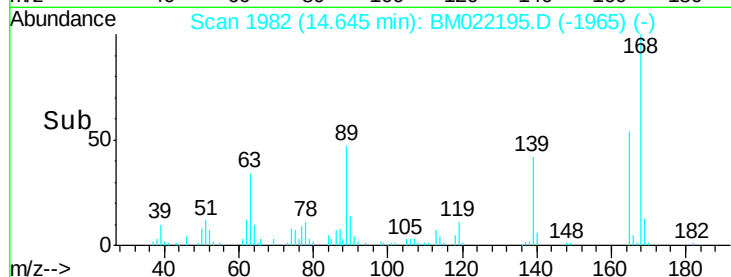
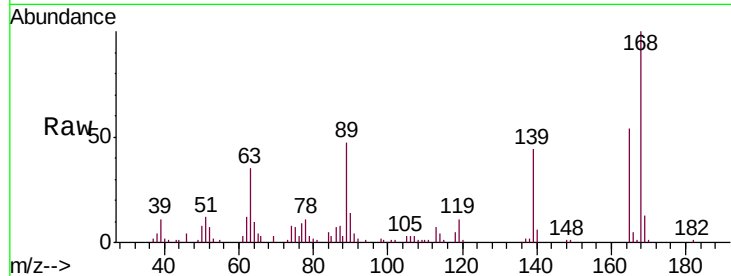
#57  
 2,4-Dinitrotoluene  
 Concen: 17.617 ng  
 RT: 14.64 min Scan# 1982  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 64.1  | 29.6       | 44.4#      |
| 89      | 86.5  | 49.5       | 74.3#      |
| 182     | 2.6   | 2.4        | 3.6        |

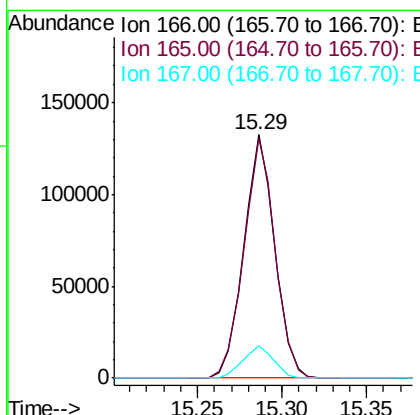
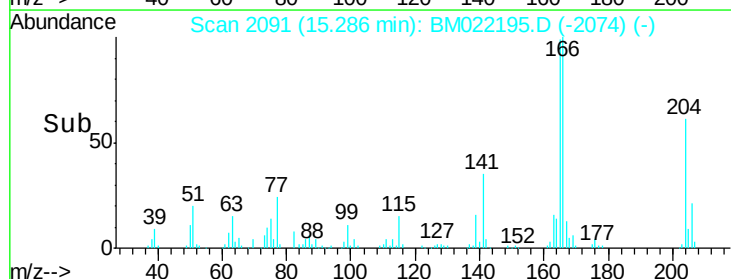
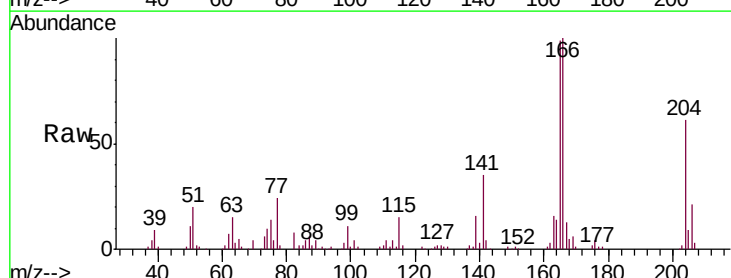
Manual Integrations  
 APPROVED

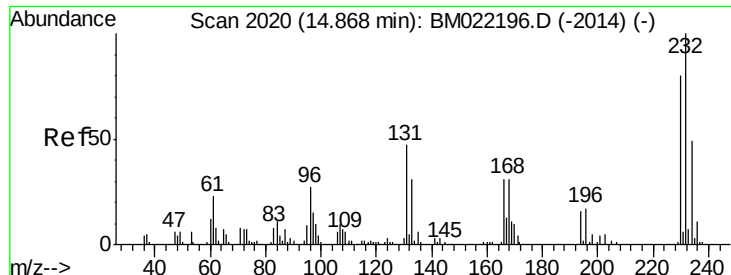
mohammad  
 8/22/2019 12:48:07 PM



#58  
 Fluorene  
 Concen: 17.869 ng  
 RT: 15.29 min Scan# 2091  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 98.7  | 78.6       | 117.8      |
| 167     | 13.2  | 10.9       | 16.3       |





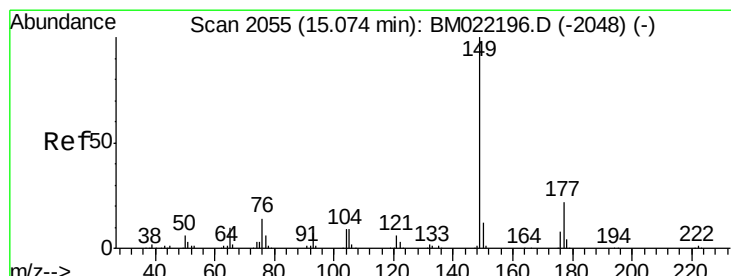
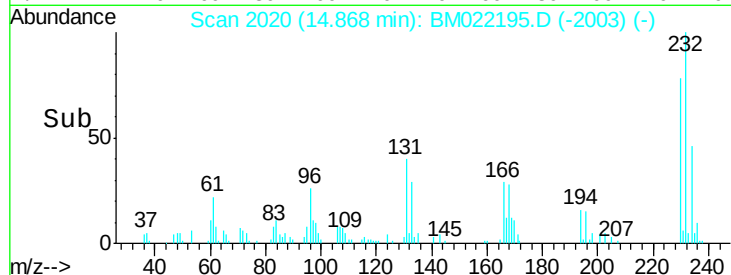
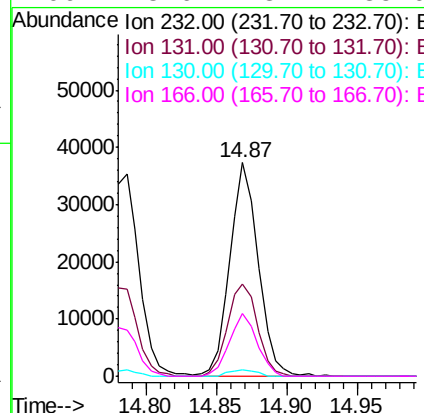
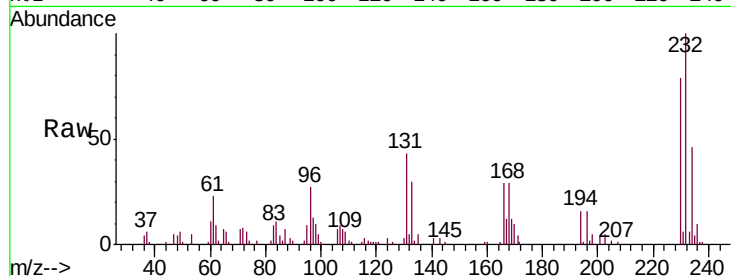
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.106 ng  
 RT: 14.87 min Scan# 2020  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 52409 |       |       |
| 131     | 45.4  | 30.6  | 46.0  |       |
| 130     | 2.7   | 1.7   | 2.5   |       |
| 166     | 28.6  | 23.4  | 35.0  |       |

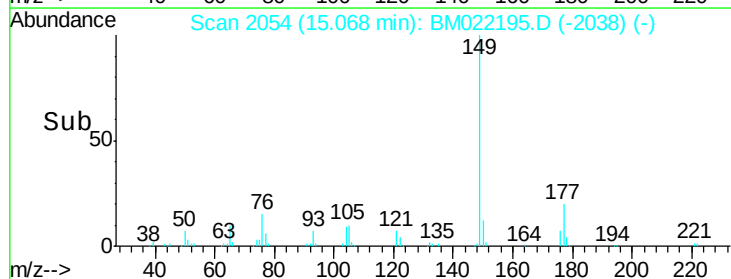
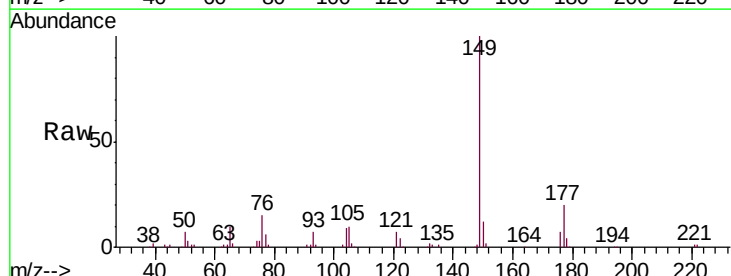
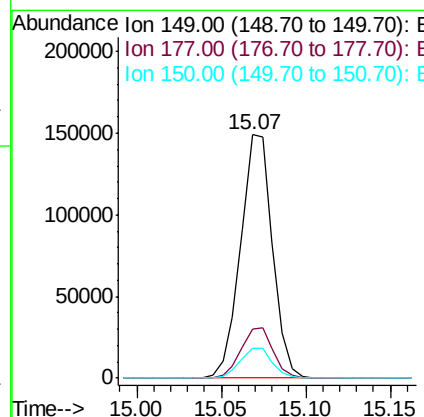
Manual Integrations  
 APPROVED

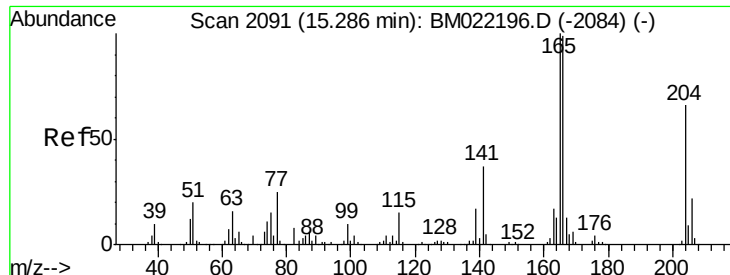
mohammad  
 8/22/2019 12:48:07 PM



#60  
 Diethylphthalate  
 Concen: 20.213 ng  
 RT: 15.07 min Scan# 2054  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 195925 |       |       |
| 177     | 20.1  | 19.1   | 28.7  |       |
| 150     | 12.4  | 10.1   | 15.1  |       |





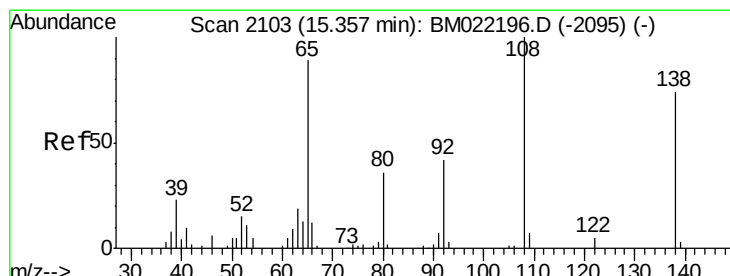
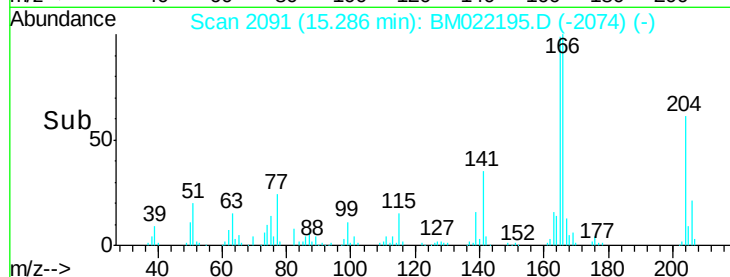
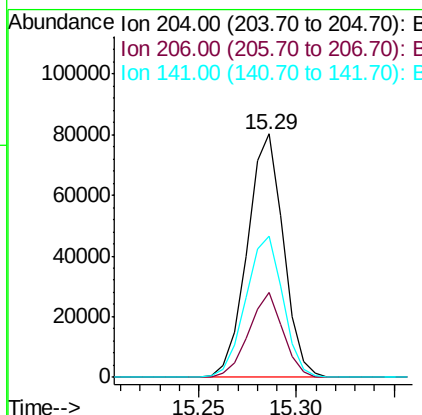
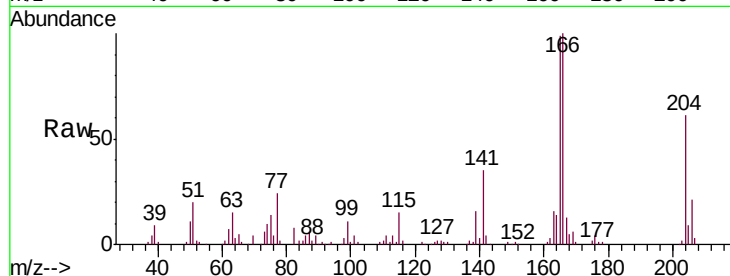
#61  
 4-Chlorophenyl-phenylether  
 Concen: 19.289 ng  
 RT: 15.29 min Scan# 2091  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 102615 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 35.1  | 26.1  | 39.1   |
| 141       | 58.0  | 40.7  | 61.1   |

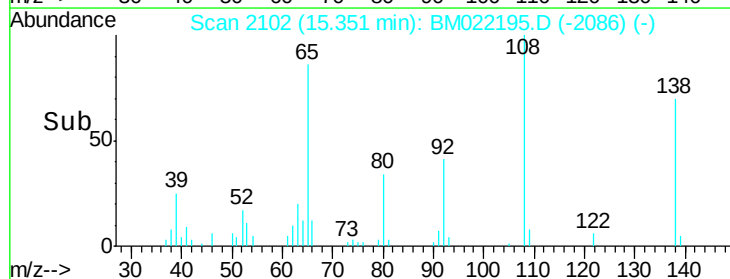
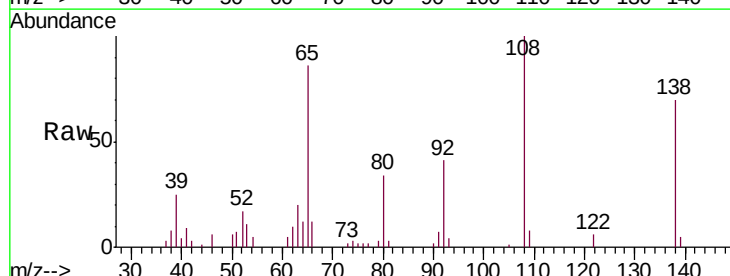
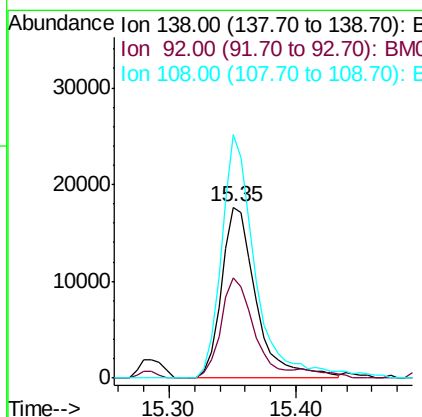
Manual Integrations  
 APPROVED

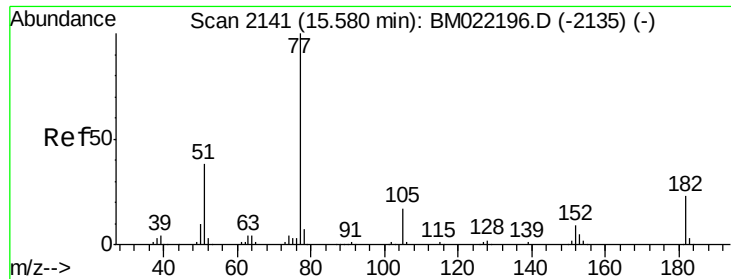
mohammad  
 8/22/2019 12:48:07 PM



#62  
 4-Nitroaniline  
 Concen: 14.704 ng  
 RT: 15.35 min Scan# 2102  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 33312 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 58.9  | 29.1  | 69.1  |
| 108       | 142.3 | 59.2  | 99.2# |





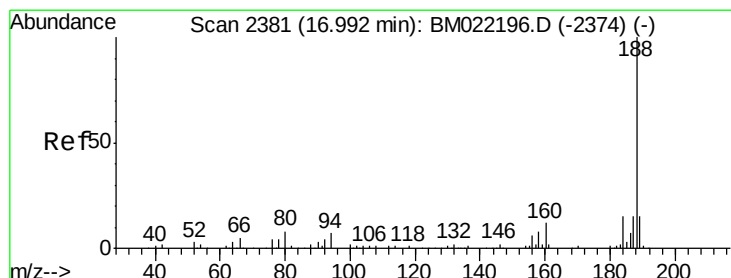
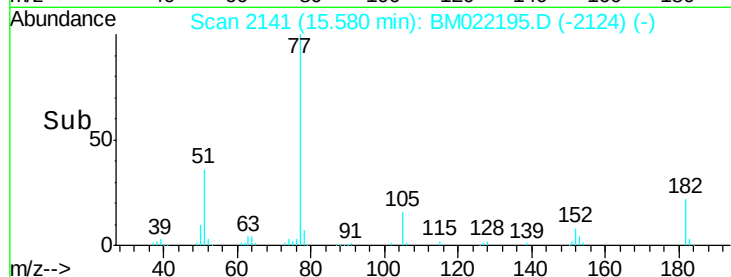
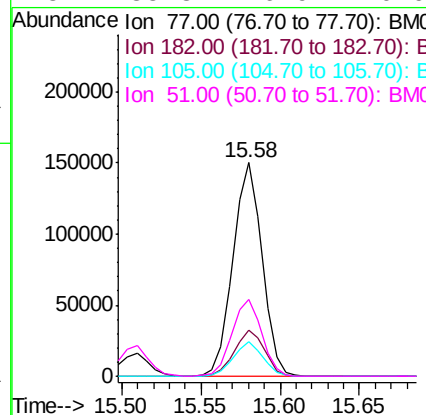
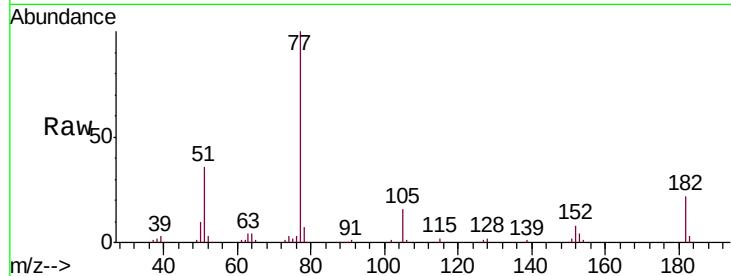
#63  
Azobenzene  
Concen: 24.084 ng  
RT: 15.58 min Scan# 2141  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.8  | 12.6  | 52.6  |
| 105     | 16.5  | 1.1   | 41.1  |
| 51      | 35.8  | 6.9   | 46.9  |

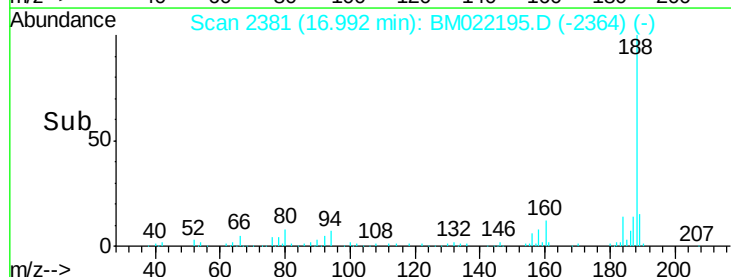
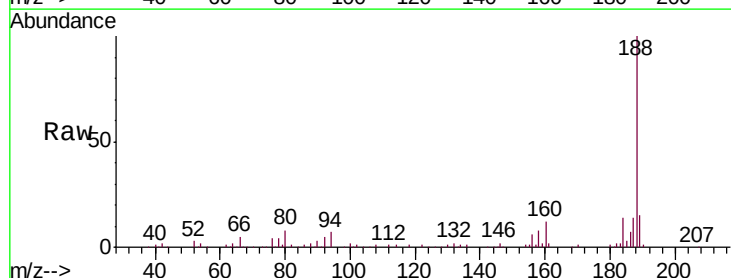
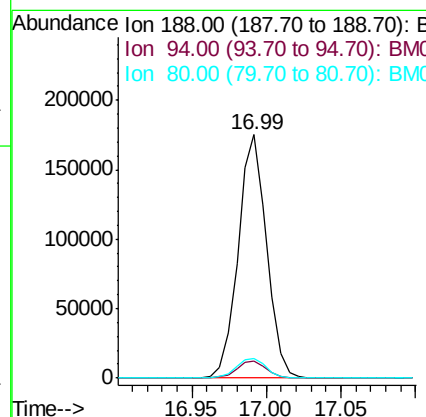
Manual Integrations  
APPROVED

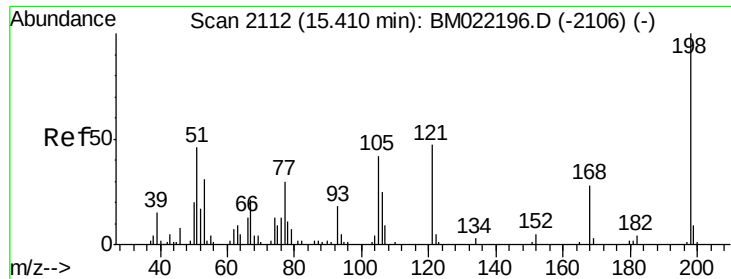
mohammad  
8/22/2019 12:48:07 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.99 min Scan# 2381  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 7.1   | 5.8   | 8.8   |
| 80      | 8.3   | 6.9   | 10.3  |





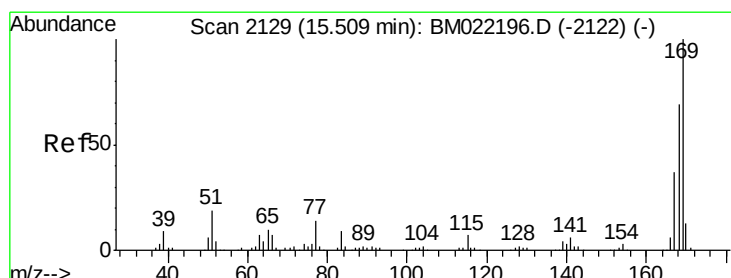
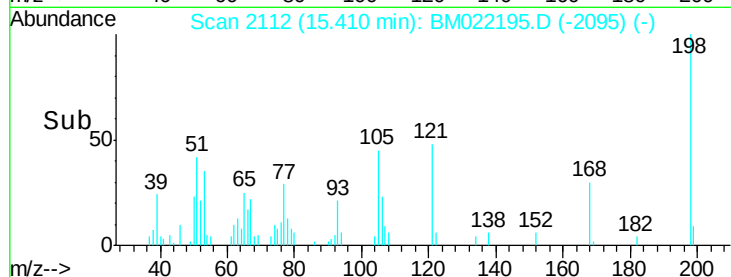
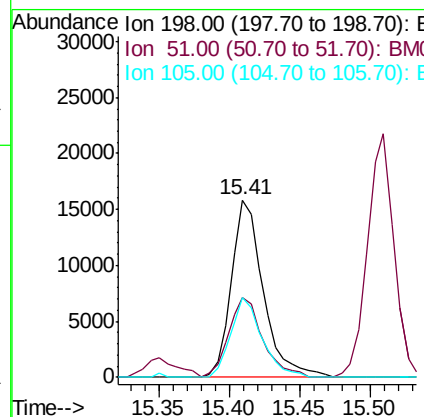
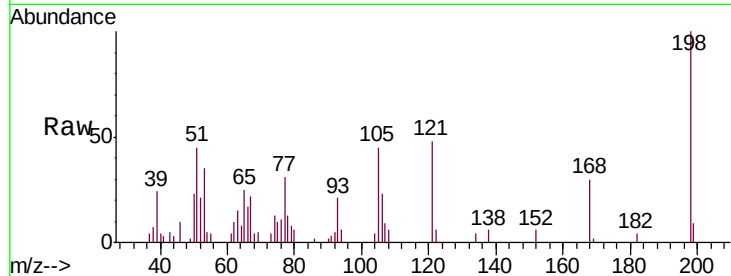
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 17.402 ng  
 RT: 15.41 min Scan# 2112  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 24987 |       |       |
| 51      | 45.2  | 15.3  | 55.3  |       |
| 105     | 45.1  | 16.8  | 56.8  |       |

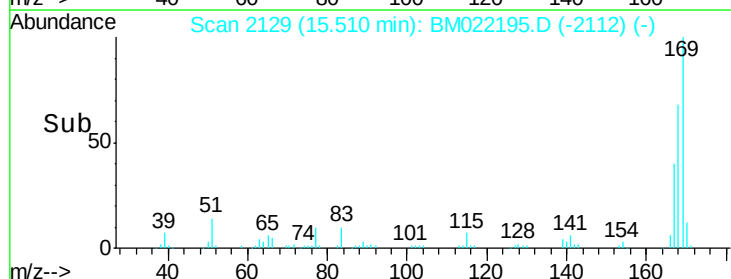
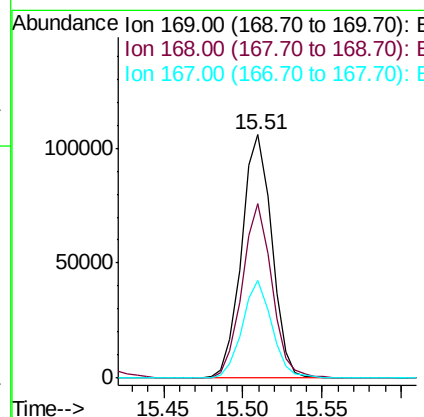
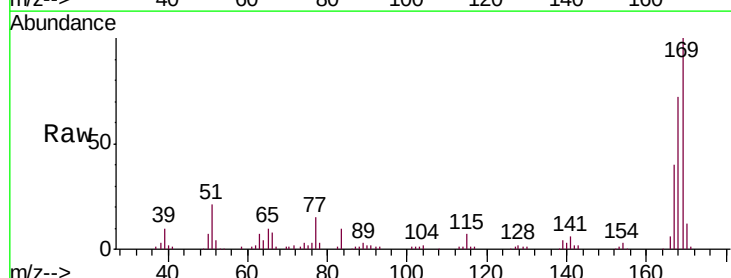
Manual Integrations  
 APPROVED

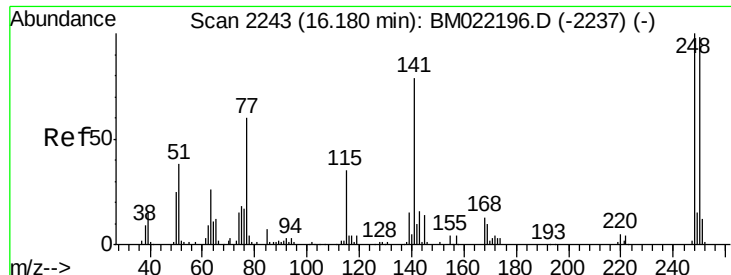
mohammad  
 8/22/2019 12:48:07 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 19.122 ng  
 RT: 15.51 min Scan# 2129  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 140362 |       |       |
| 168     | 71.9  | 54.5   | 81.7  |       |
| 167     | 40.1  | 29.0   | 43.6  |       |





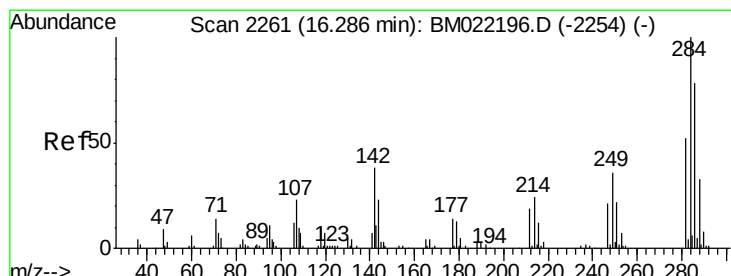
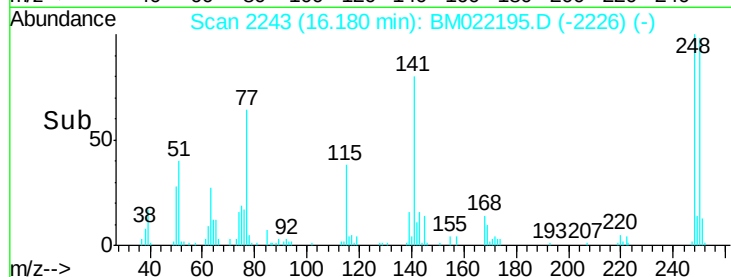
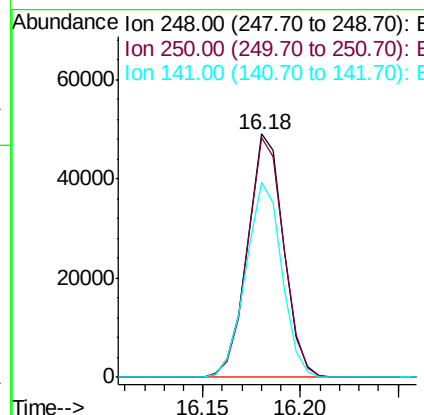
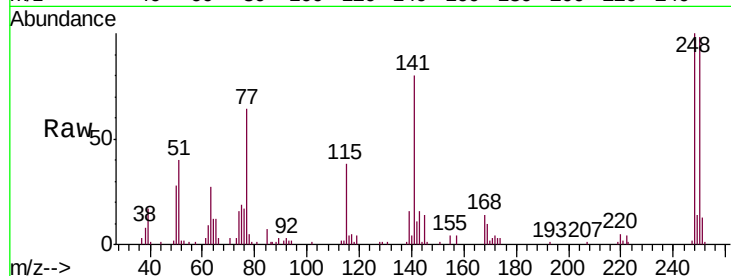
#67  
 4-Bromophenyl-phenylether  
 Concen: 20.336 ng  
 RT: 16.18 min Scan# 2243  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 77.5  | 116.3 |
| 141     | 80.2  | 47.8  | 71.6  |

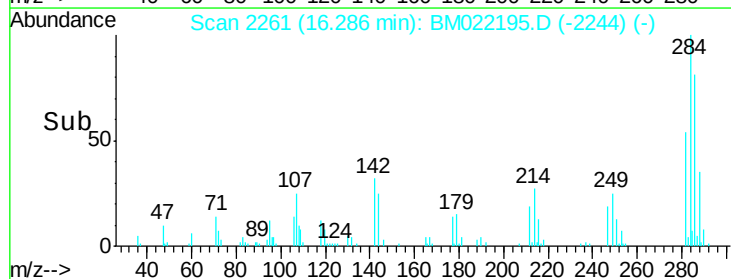
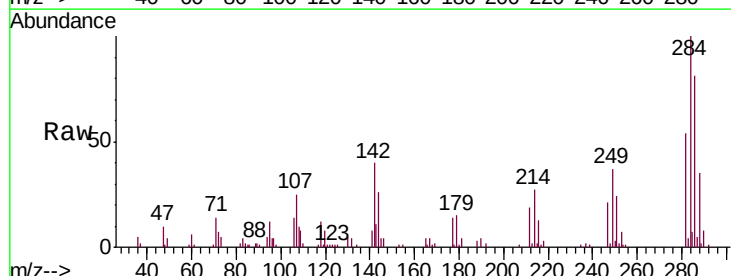
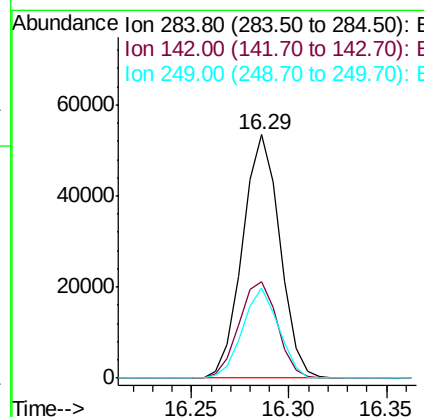
Manual Integrations  
 APPROVED

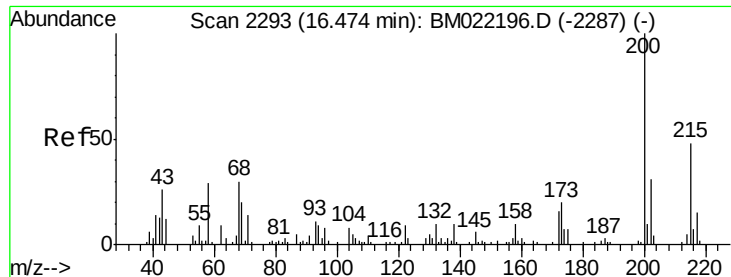
mohammad  
 8/22/2019 12:48:07 PM



#68  
 Hexachlorobenzene  
 Concen: 19.156 ng  
 RT: 16.29 min Scan# 2261  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.8  | 21.2  | 31.8  |
| 249     | 36.8  | 23.4  | 35.0  |





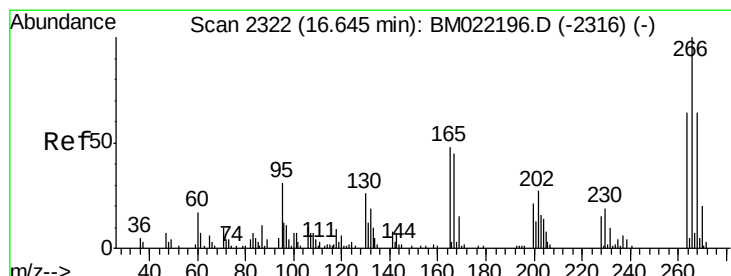
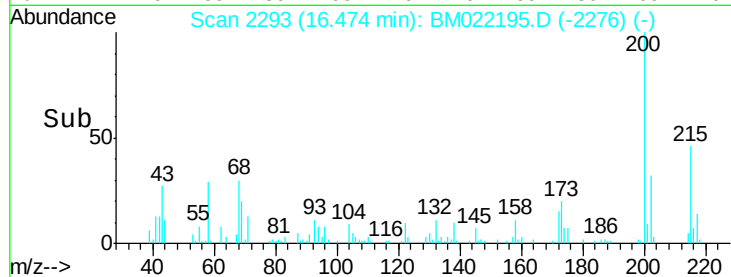
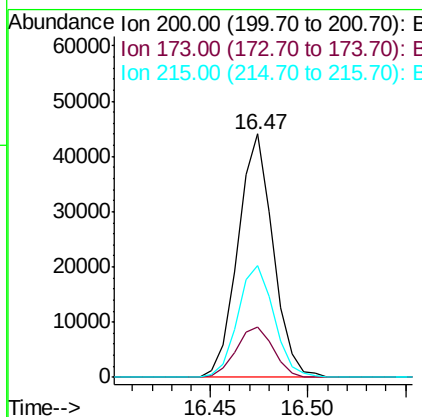
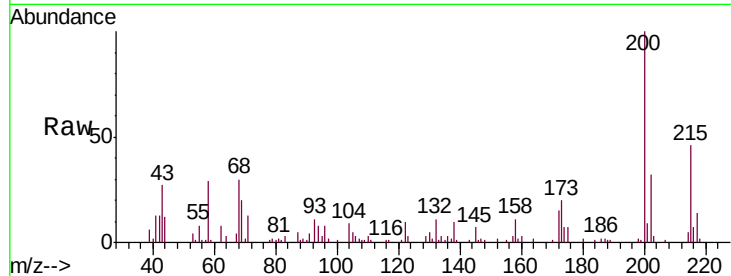
#69  
 Atrazine  
 Concen: 23.029 ng  
 RT: 16.47 min Scan# 2293  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 20.4  | 4.3        | 44.3       |
| 215     | 46.0  | 28.2       | 68.2       |

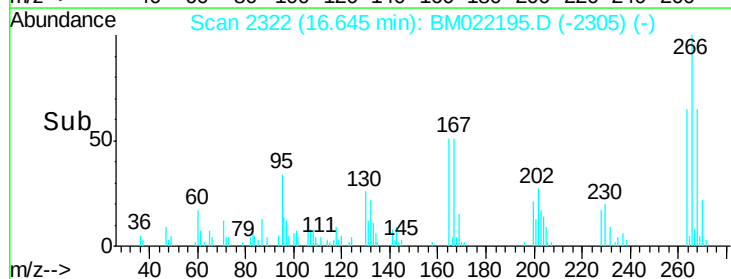
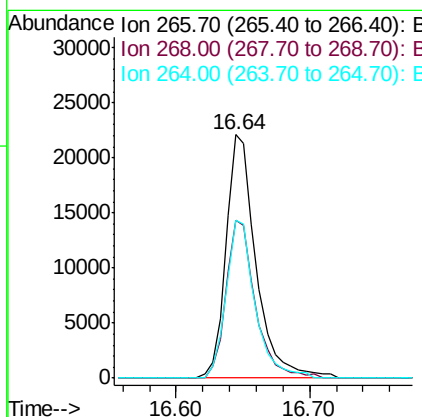
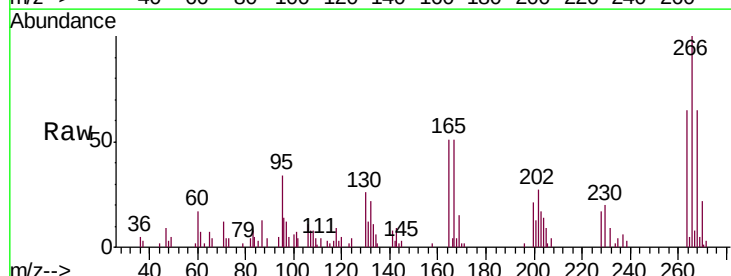
Manual Integrations  
 APPROVED

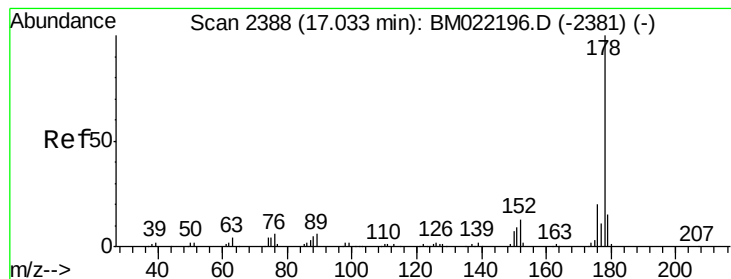
mohammad  
 8/22/2019 12:48:07 PM



#70  
 Pentachlorophenol  
 Concen: 17.459 ng  
 RT: 16.64 min Scan# 2322  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 65.0  | 51.0       | 76.4       |
| 264     | 64.7  | 49.9       | 74.9       |





#71

Phenanthrene

Concen: 19.036 ng

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

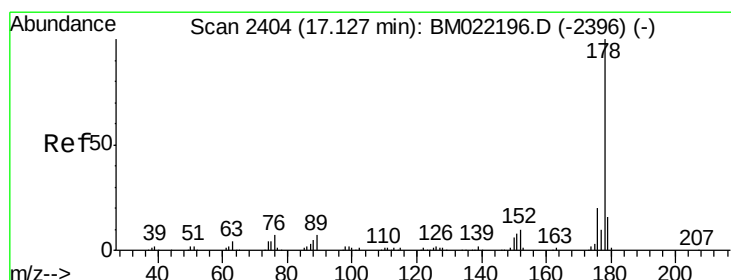
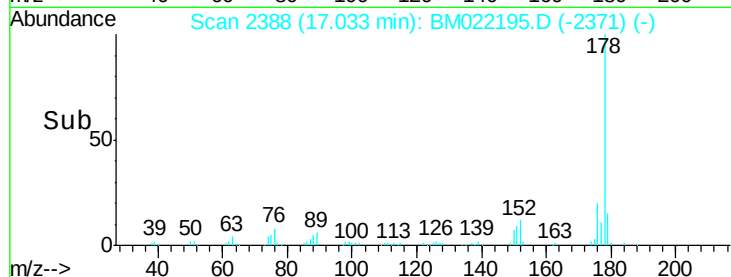
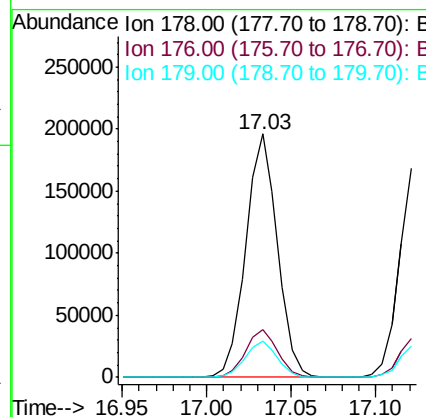
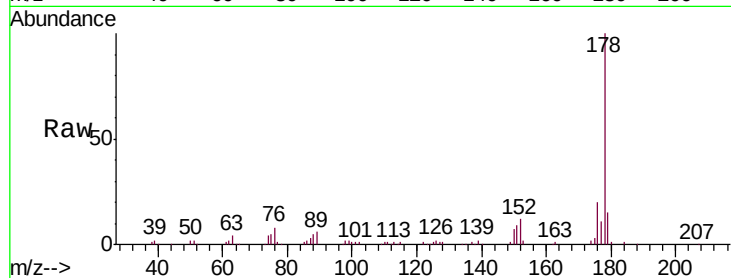
ClientSampleId :

SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 255482 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.7  | 15.2  | 22.8   |
| 179       | 15.1  | 12.2  | 18.4   |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#72

Anthracene

Concen: 18.909 ng

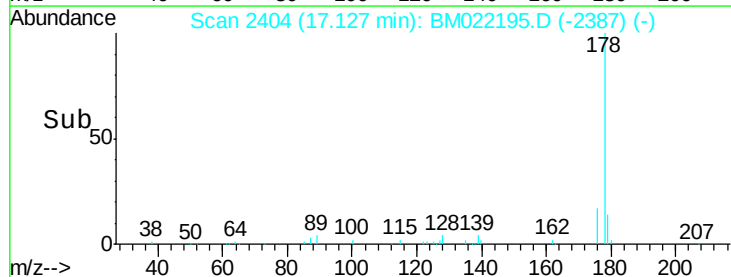
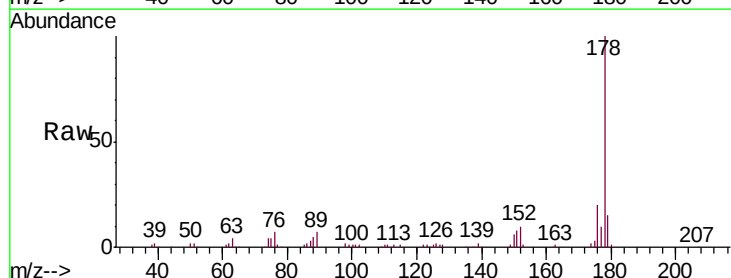
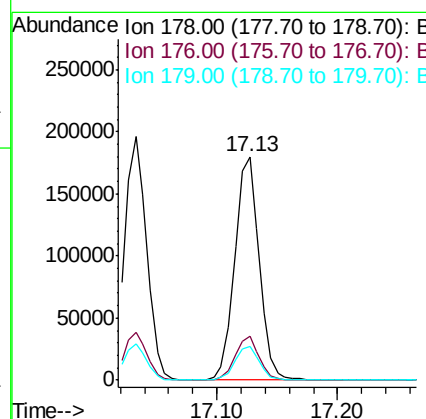
RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

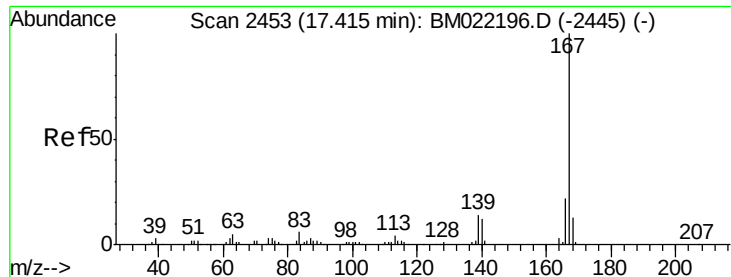
Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 251392 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.8  | 14.7  | 22.1   |
| 179       | 14.9  | 12.2  | 18.2   |







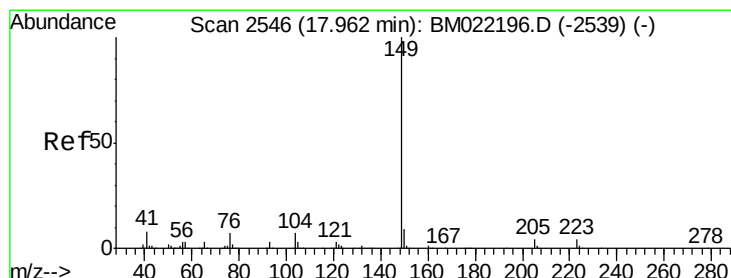
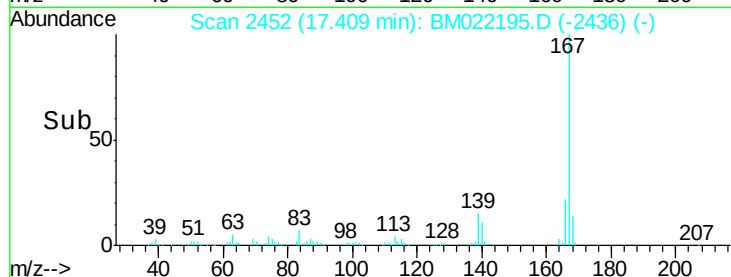
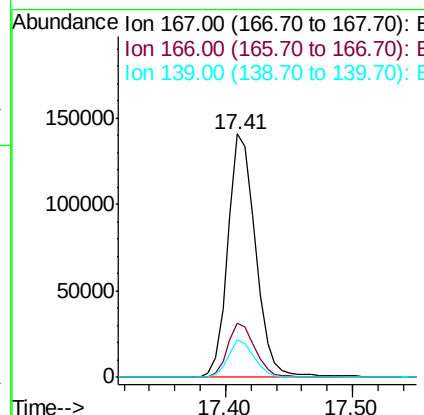
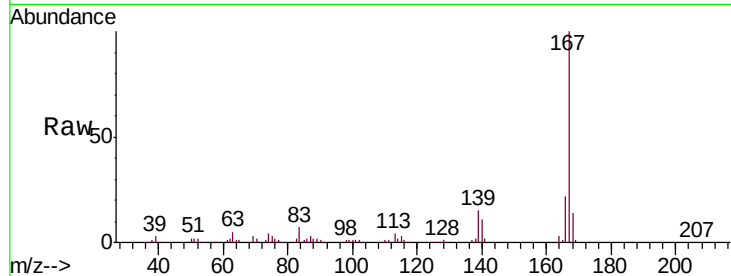
#73  
 Carbazole  
 Concen: 18.171 ng  
 RT: 17.41 min Scan# 2452  
 Delta R.T. -0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 213594 |       |       |
| 166     | 22.4  |        | 17.4  | 26.2  |
| 139     | 15.5  |        | 9.7   | 14.5# |

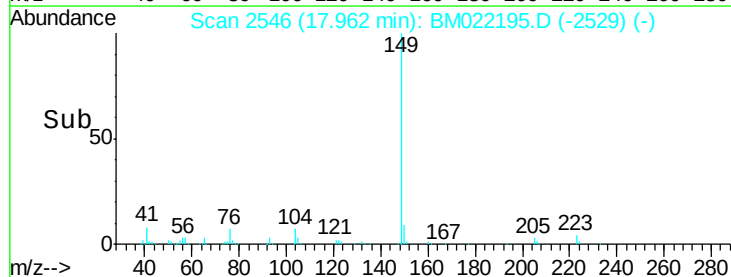
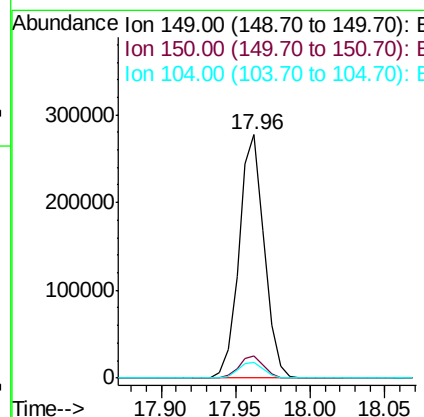
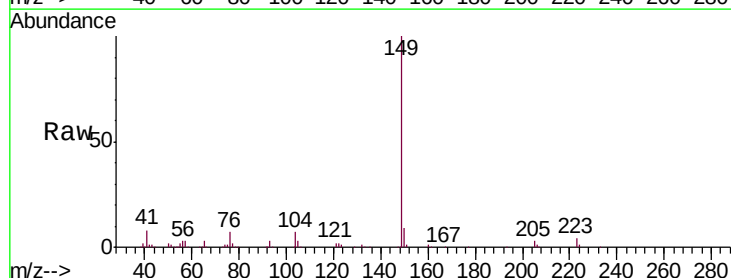
Manual Integrations  
 APPROVED

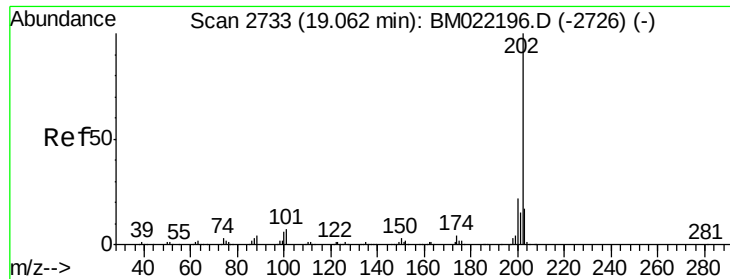
mohammad  
 8/22/2019 12:48:07 PM



#74  
 Di-n-butylphthalate  
 Concen: 22.663 ng  
 RT: 17.96 min Scan# 2546  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 326119 |       |       |
| 150     | 8.9   |        | 7.4   | 11.0  |
| 104     | 6.5   |        | 3.8   | 5.8#  |





#75

Fluoranthene

Concen: 19.416 ng

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

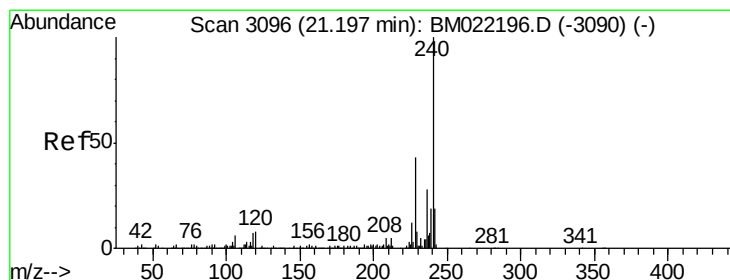
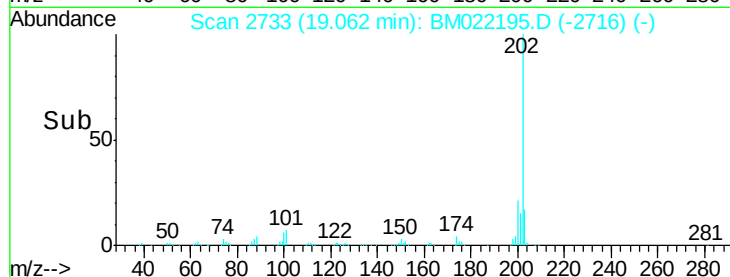
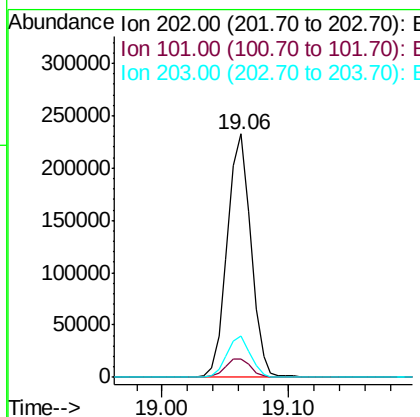
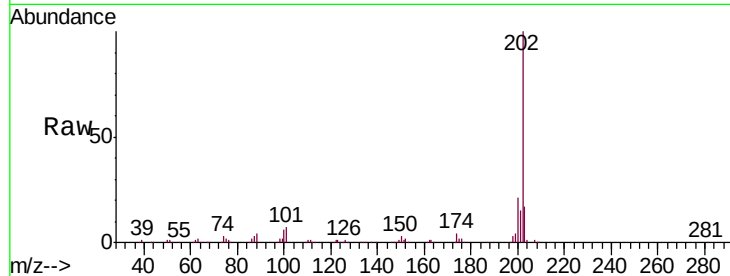
ClientSampleId :

SSTDIC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 300914 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.5   | 0.0   | 28.2   |
| 203       | 17.2  | 0.0   | 37.6   |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#76

Chrysene-d12

Concen: 20.000 ng

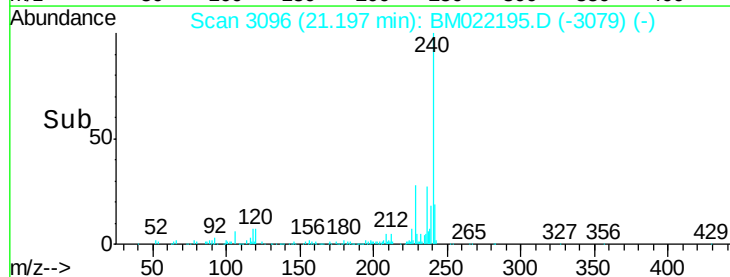
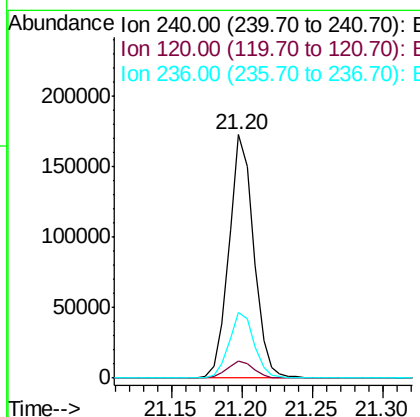
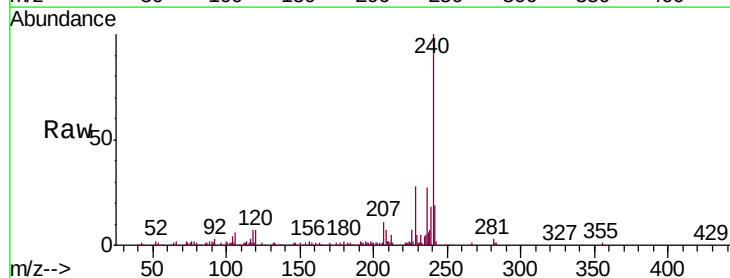
RT: 21.20 min Scan# 3096

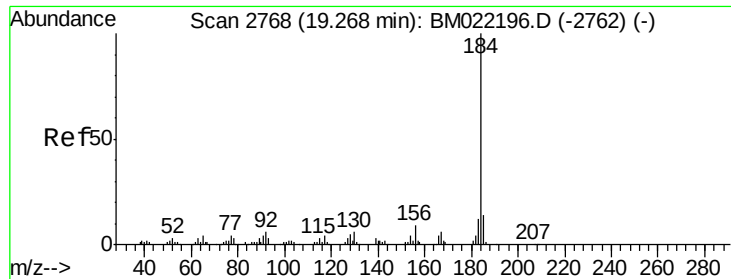
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 210824 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.1   | 6.9   | 10.3   |
| 236       | 27.0  | 20.4  | 30.6   |





#77

Benzidine

Concen: 17.221 ng

RT: 19.27 min Scan# 2769

Delta R.T. 0.01 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

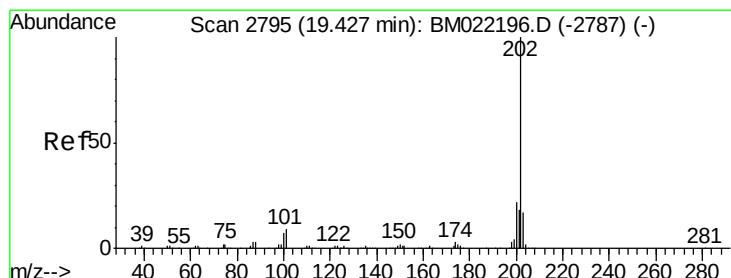
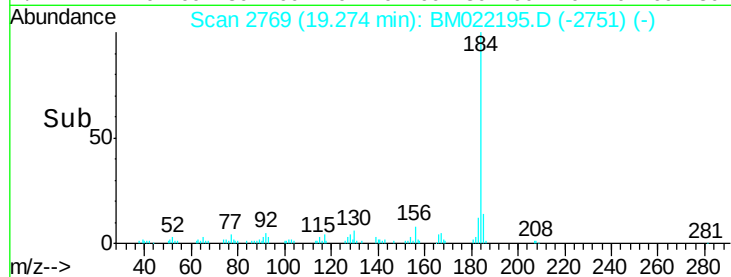
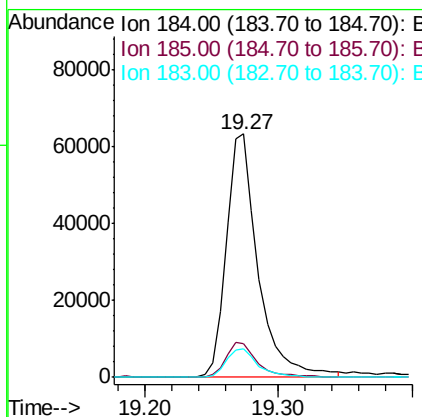
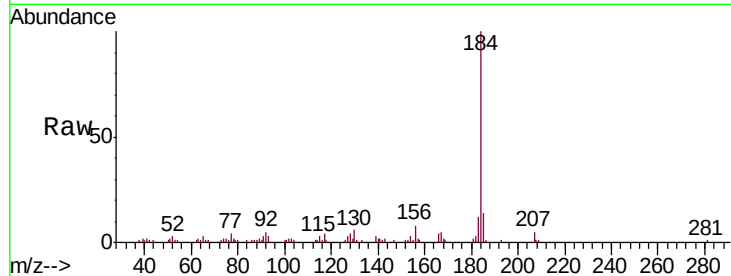
ClientSampleId :

SSTDIC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 105426 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.8  | 11.4  | 17.2   |
| 183       | 11.9  | 9.6   | 14.4   |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#78

Pyrene

Concen: 19.834 ng

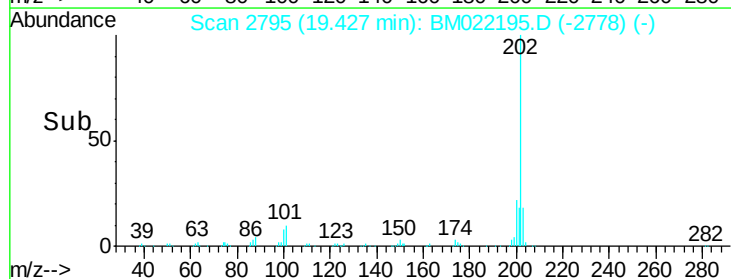
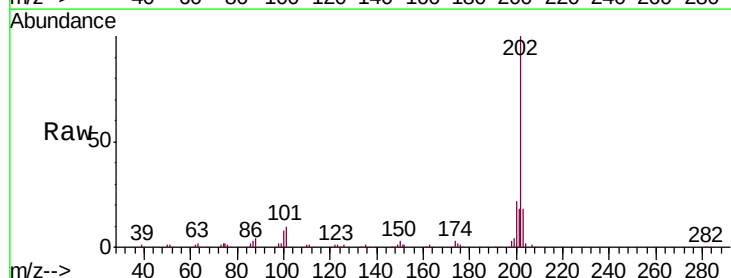
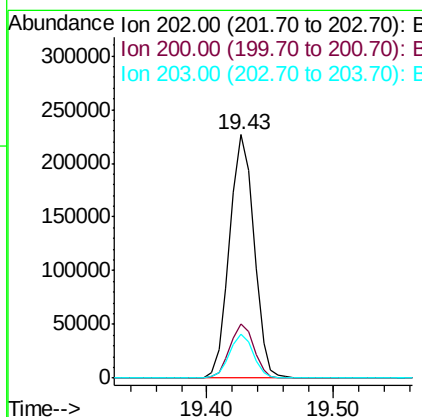
RT: 19.43 min Scan# 2795

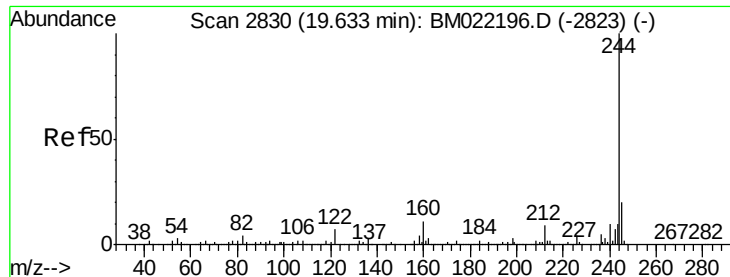
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 303262 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.2  | 17.0  | 25.4   |
| 203       | 17.9  | 14.0  | 21.0   |





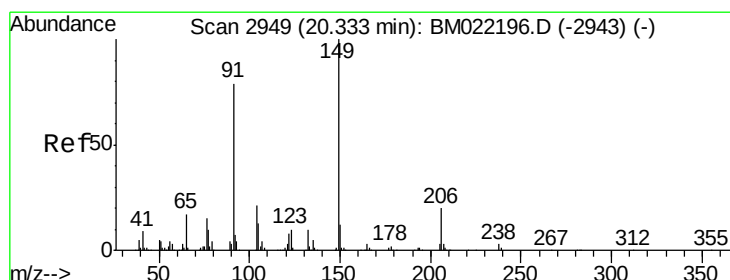
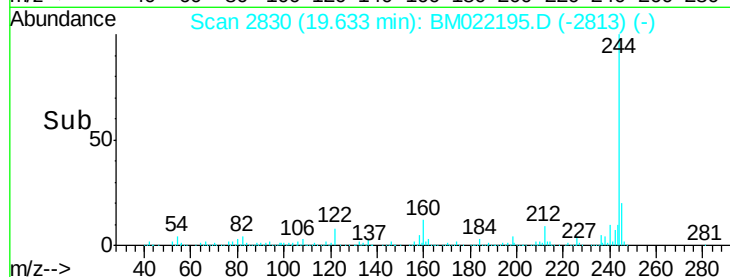
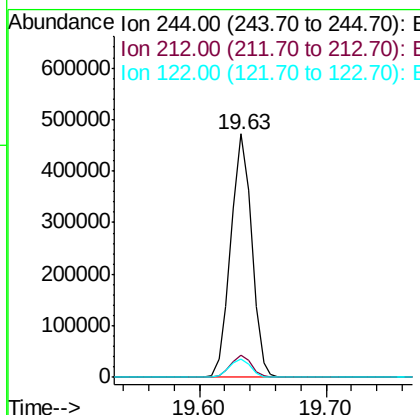
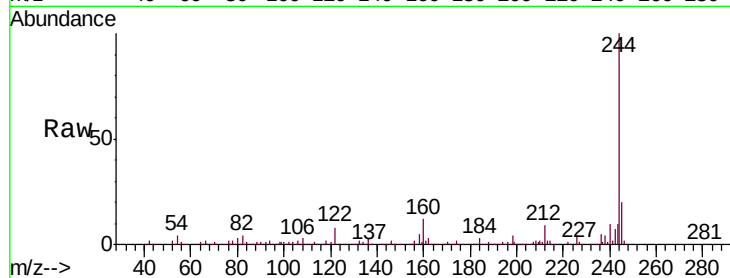
#79  
 Terphenyl-d14  
 Concen: 47.459 ng  
 RT: 19.63 min Scan# 2830  
 Delta R.T. 0.00 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 535709 |       |       |
| 212     | 9.1   | 5.3    | 7.9#  |       |
| 122     | 7.7   | 6.6    | 9.8   |       |

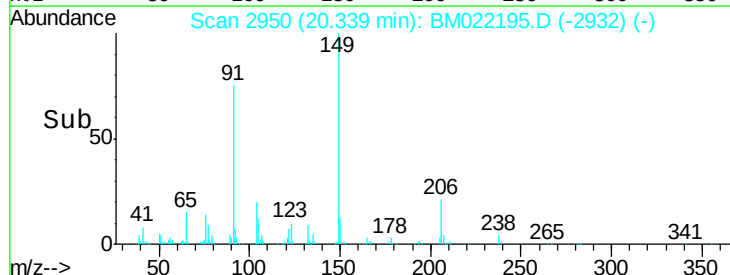
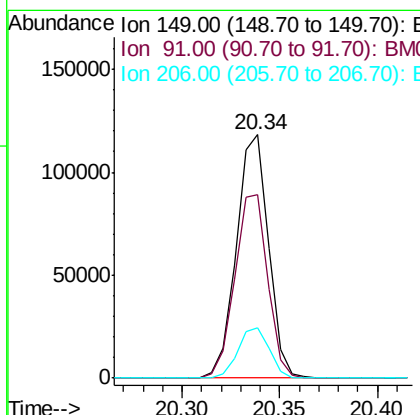
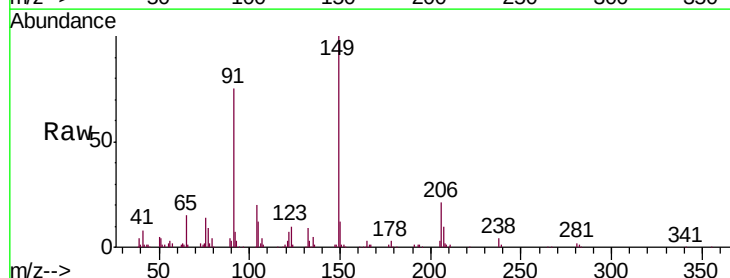
Manual Integrations  
 APPROVED

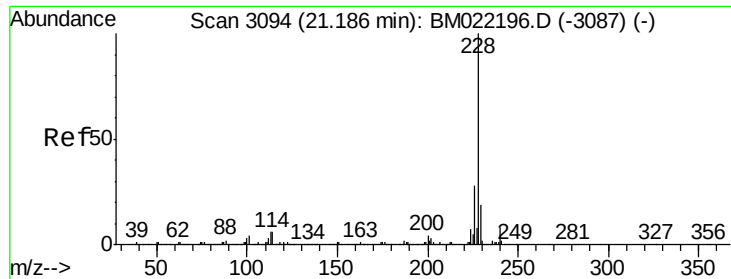
mohammad  
 8/22/2019 12:48:07 PM



#80  
 Butylbenzylphthalate  
 Concen: 22.082 ng  
 RT: 20.34 min Scan# 2950  
 Delta R.T. 0.01 min  
 Lab File: BM022195.D  
 Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 134573 |       |       |
| 91      | 75.1  | 50.9   | 76.3  |       |
| 206     | 20.7  | 19.7   | 29.5  |       |





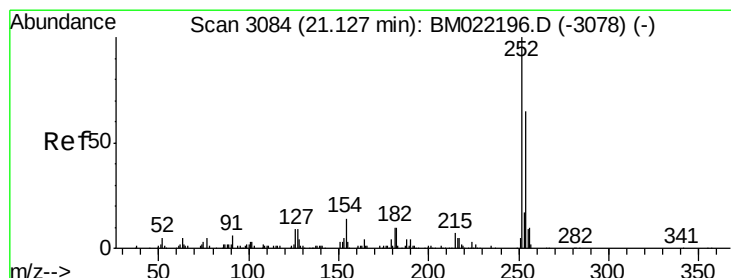
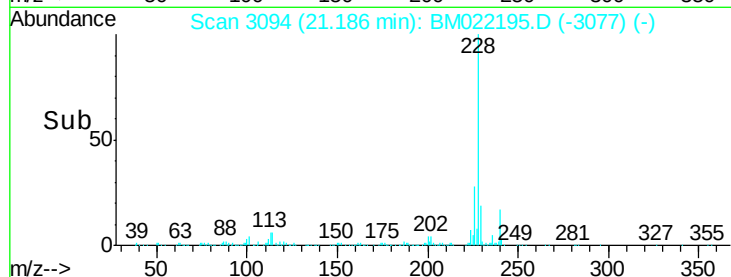
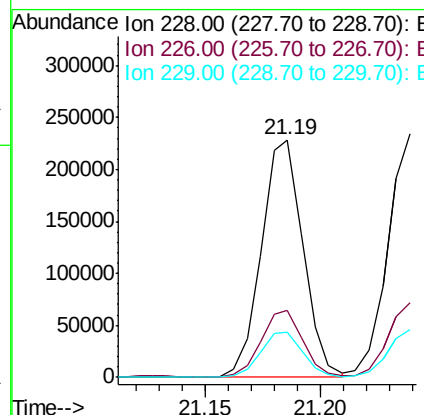
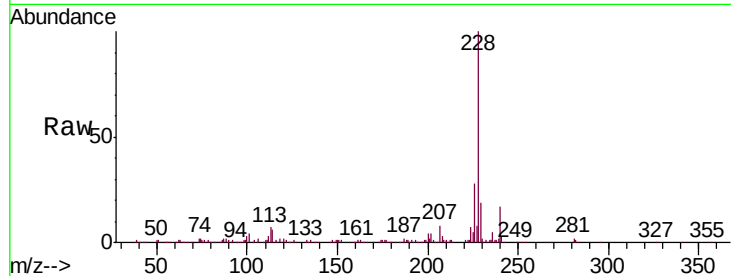
#81  
Benzo(a)anthracene  
Concen: 19.938 ng  
RT: 21.19 min Scan# 3094  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 286543 |       |       |
| 226     | 28.1  |        | 21.6  | 32.4  |
| 229     | 18.9  |        | 15.5  | 23.3  |

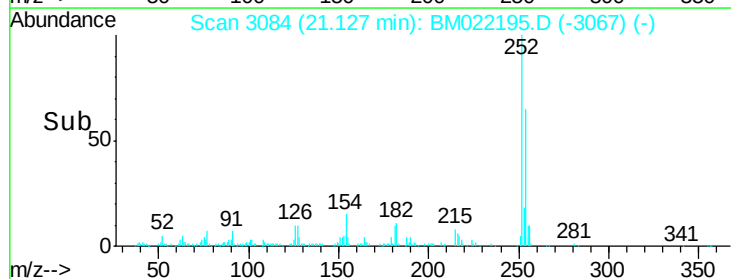
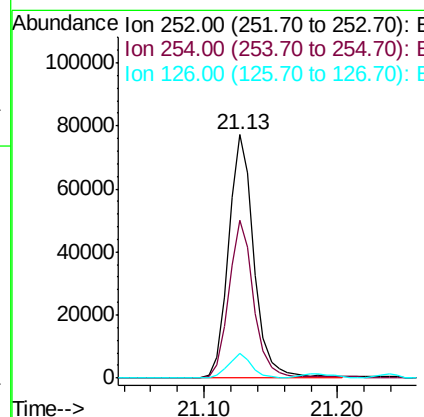
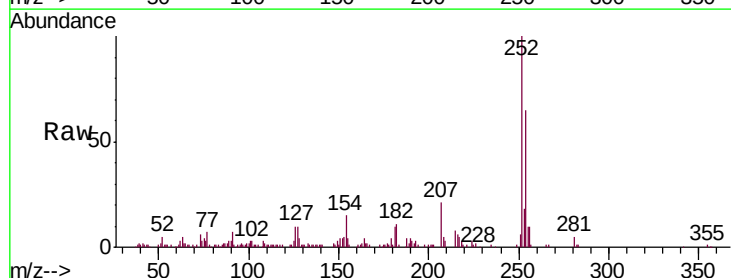
Manual Integrations  
APPROVED

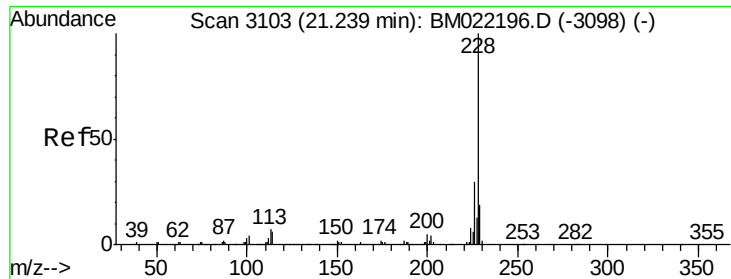
mohammad  
8/22/2019 12:48:07 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 19.043 ng  
RT: 21.13 min Scan# 3084  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 103658 |       |       |
| 254     | 65.1  |        | 51.7  | 77.5  |
| 126     | 10.1  |        | 6.6   | 9.8#  |





#83

Chrysene

Concen: 19.998 ng

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

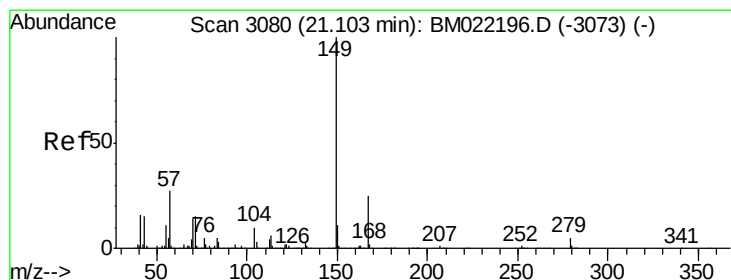
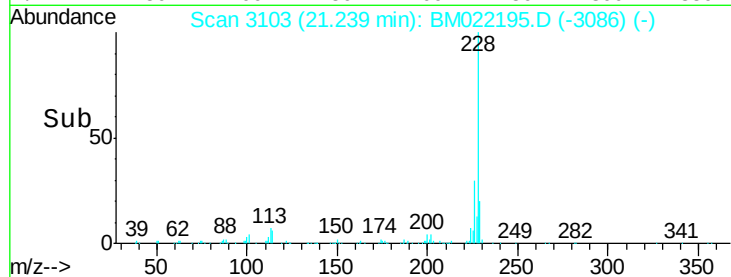
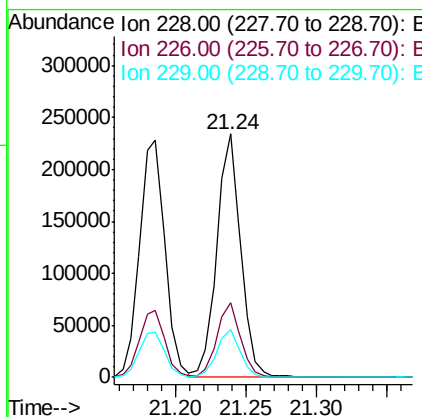
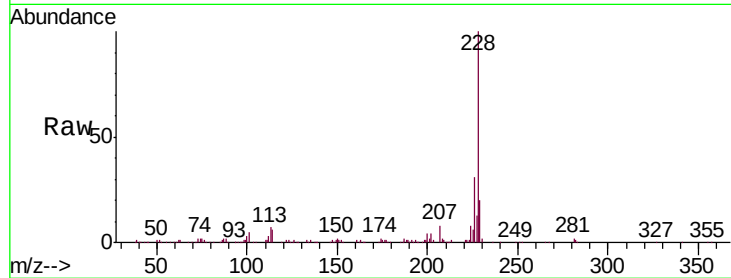
ClientSampleId :

SSTDIC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 273778 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.5  | 24.1  | 36.1   |
| 229       | 19.7  | 15.6  | 23.4   |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.543 ng

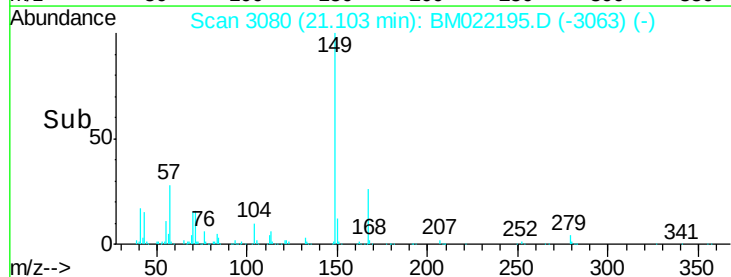
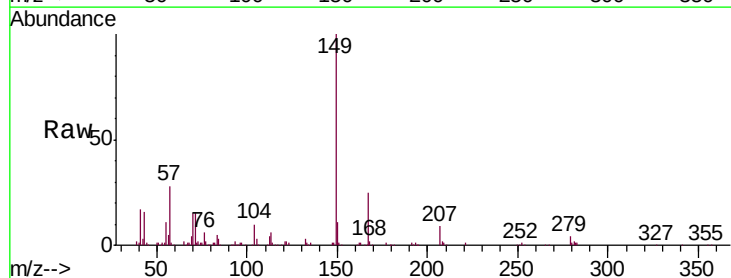
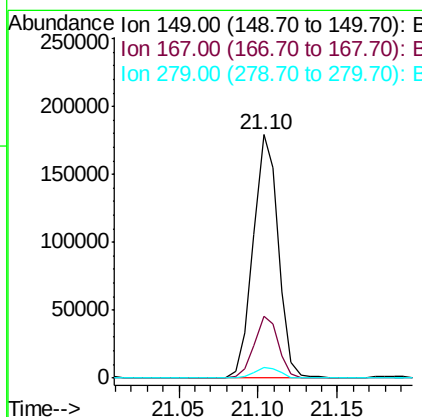
RT: 21.10 min Scan# 3080

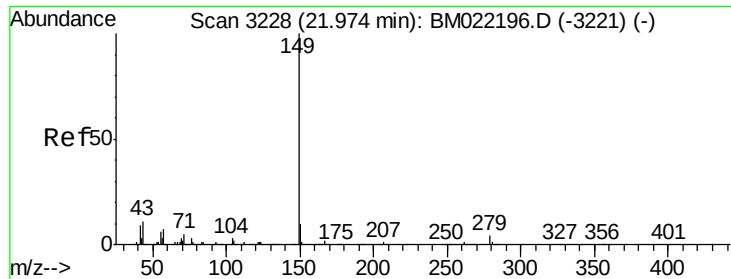
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 195533 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.3  | 23.0  | 34.4   |
| 279       | 4.2   | 4.6   | 7.0#   |





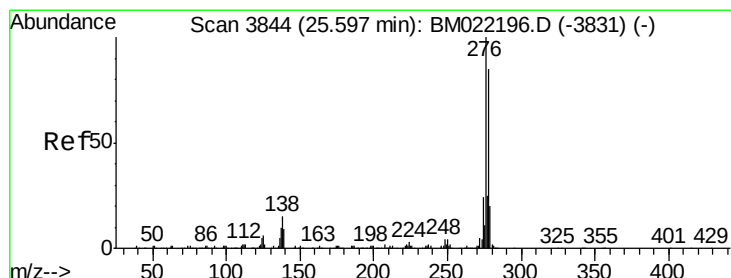
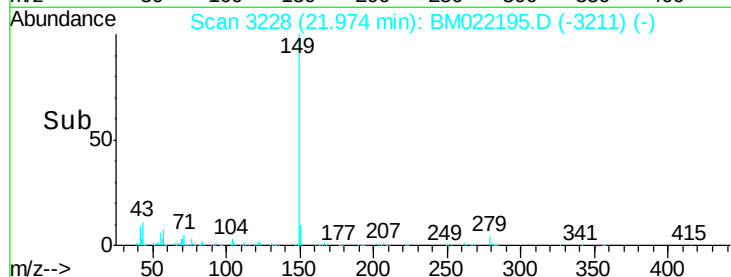
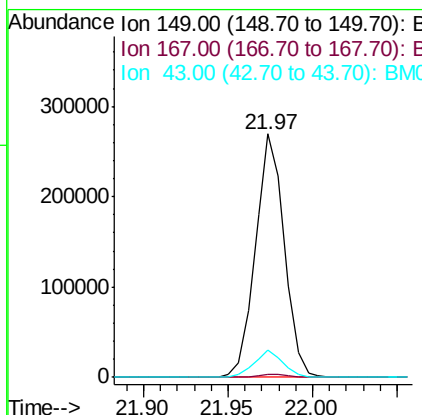
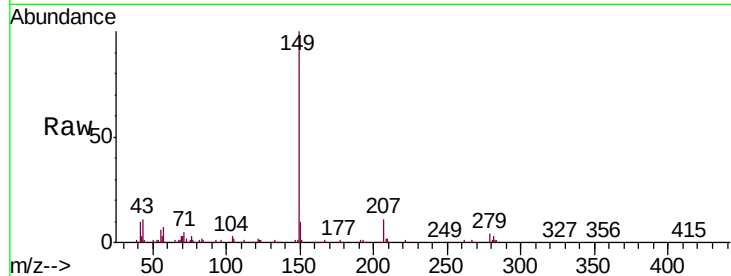
#85  
Di-n-octyl phthalate  
Concen: 23.174 ng  
RT: 21.97 min Scan# 3228  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 1.3        | 1.9   |
| 43      | 10.6  | 6.2        | 9.2#  |

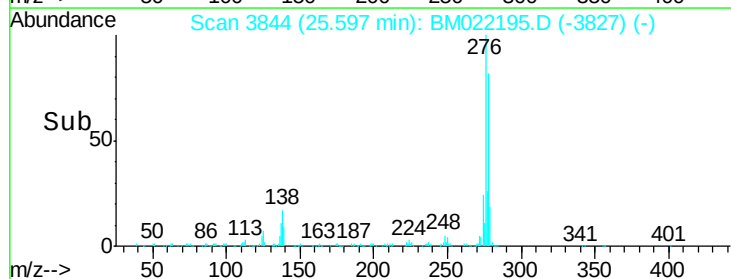
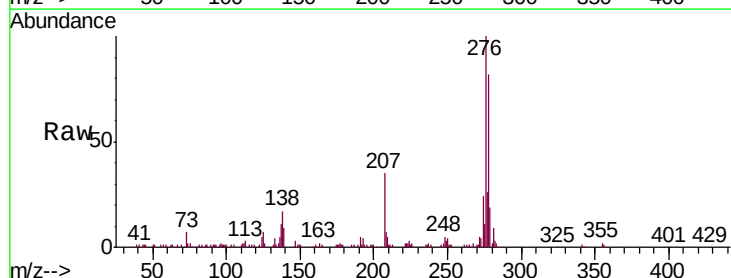
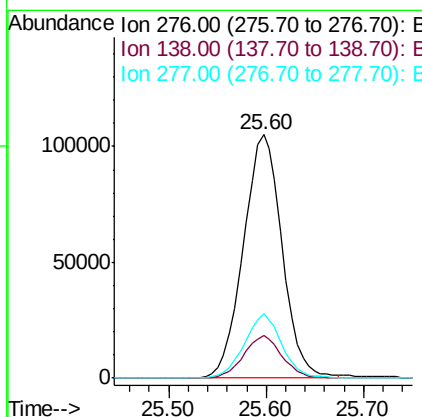
Manual Integrations  
APPROVED

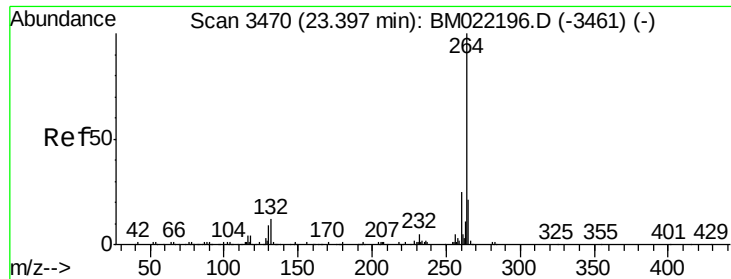
mohammad  
8/22/2019 12:48:07 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 19.280 ng  
RT: 25.60 min Scan# 3844  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 17.2  | 15.4       | 23.0  |
| 277     | 25.2  | 20.4       | 30.6  |





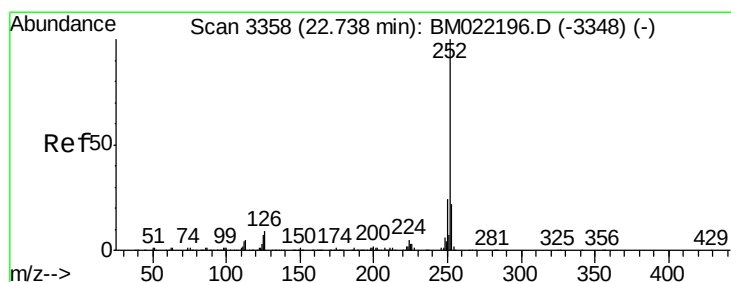
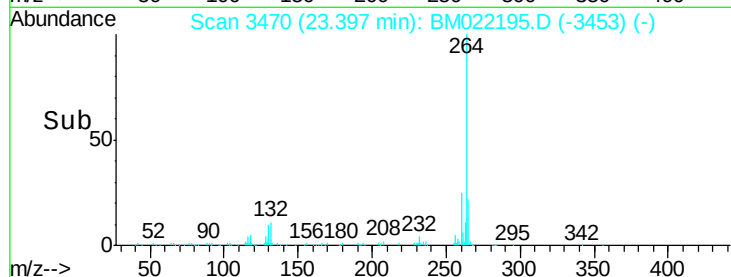
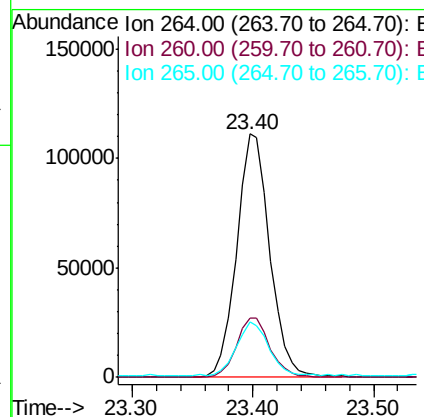
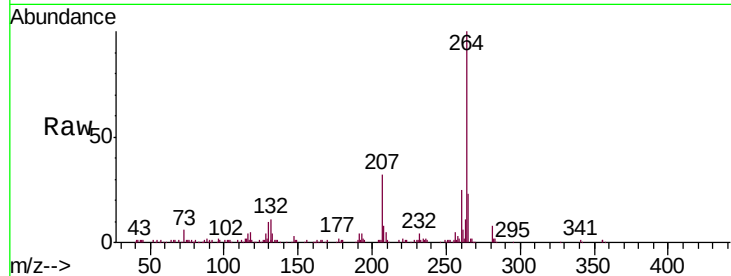
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.40 min Scan# 3470  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 264 | 100  |       | 212108 |       |       |
| 260 | 24.6 | 19.0  | 28.4   |       |       |
| 265 | 22.7 | 17.7  | 26.5   |       |       |

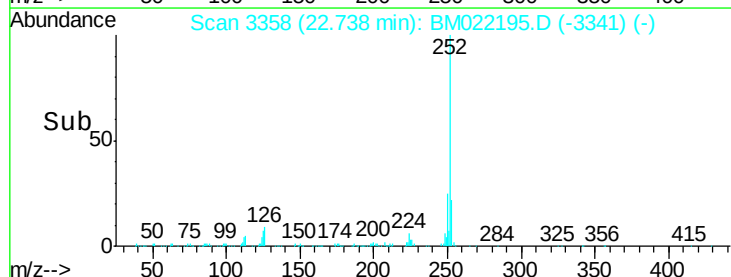
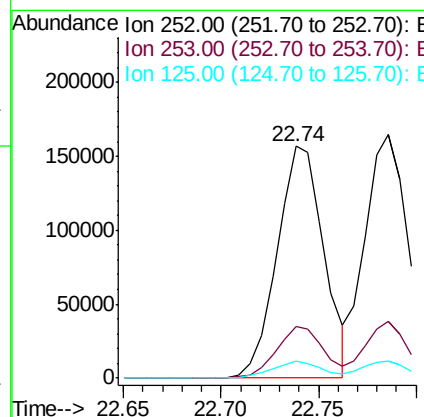
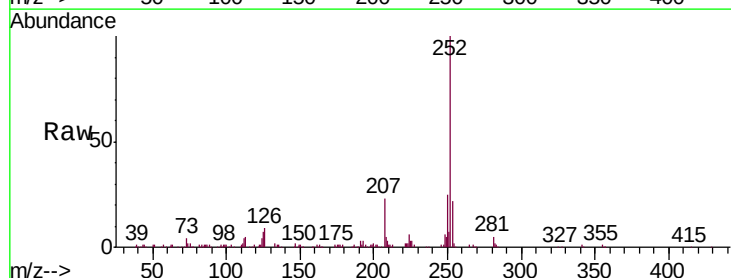
Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM

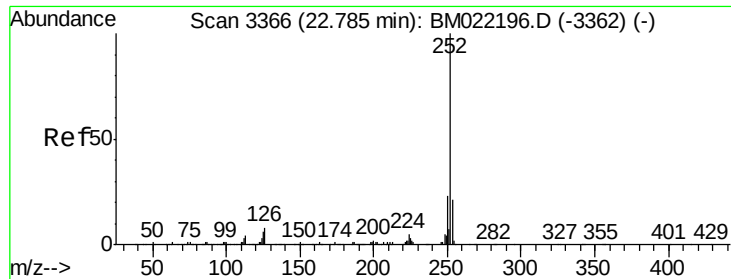


#88  
Benzo(b)fluoranthene  
Concen: 18.161 ng  
RT: 22.74 min Scan# 3358  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 252 | 100  |       | 259879 |       |       |
| 253 | 22.2 | 17.4  | 26.0   |       |       |
| 125 | 7.1  | 5.9   | 8.9    |       |       |







#89

Benzo(k)fluoranthene

Concen: 18.427 ng

RT: 22.79 min Scan# 3366

Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

Instrument :

BNA\_M

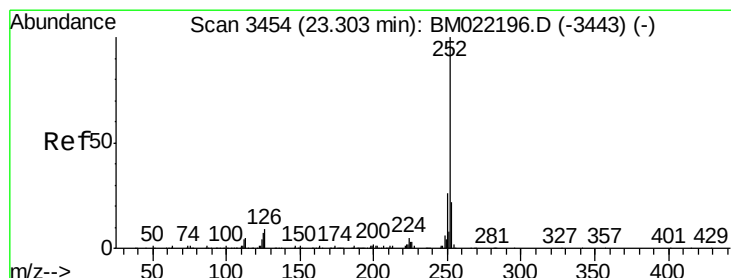
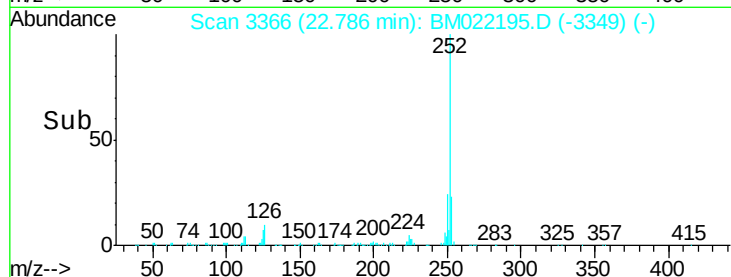
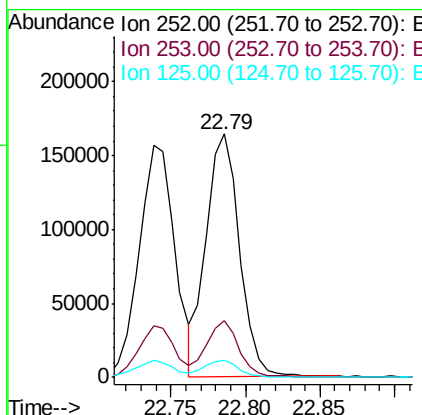
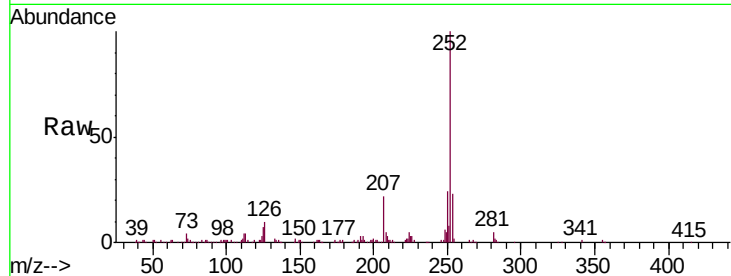
ClientSampleId :

SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 254884 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.3  | 17.5  | 26.3   |
| 125       | 6.9   | 5.9   | 8.9    |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#90

Benzo(a)pyrene

Concen: 18.748 ng

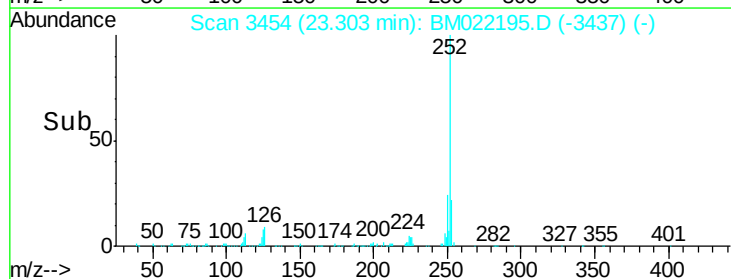
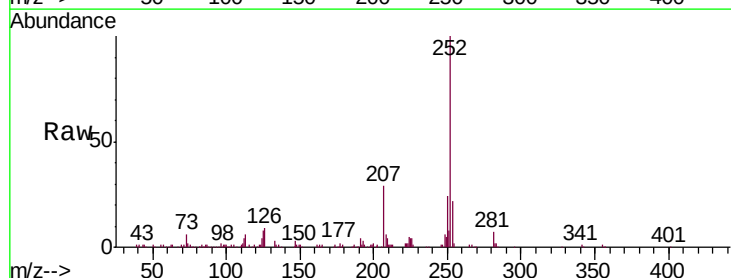
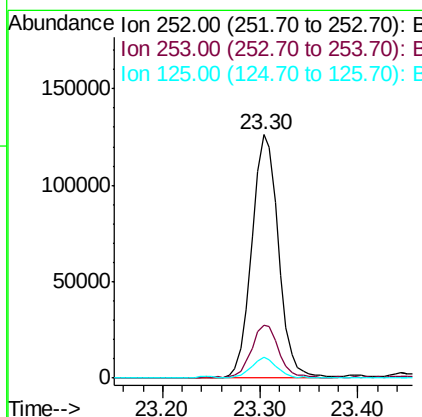
RT: 23.30 min Scan# 3454

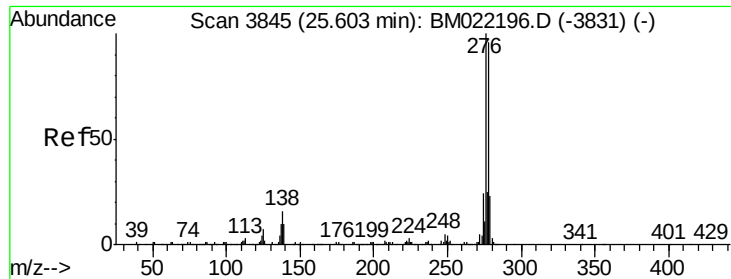
Delta R.T. 0.00 min

Lab File: BM022195.D

Acq: 19 Aug 2019 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 242066 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 17.5  | 26.3   |
| 125       | 8.3   | 6.6   | 10.0   |





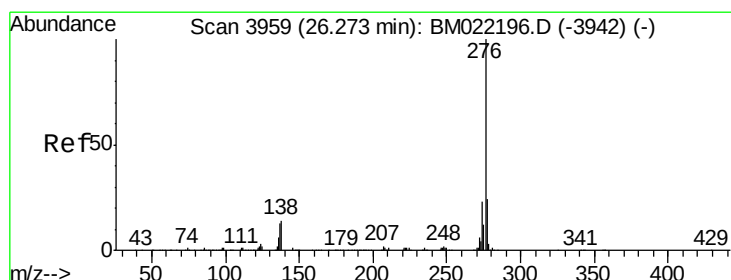
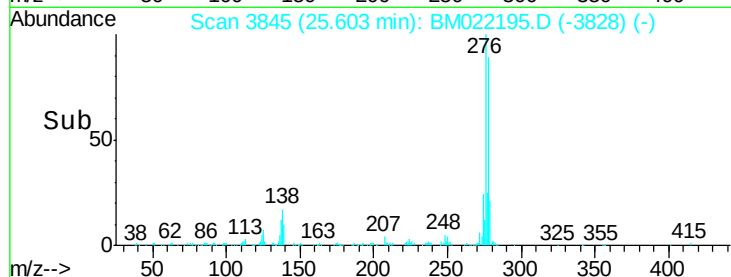
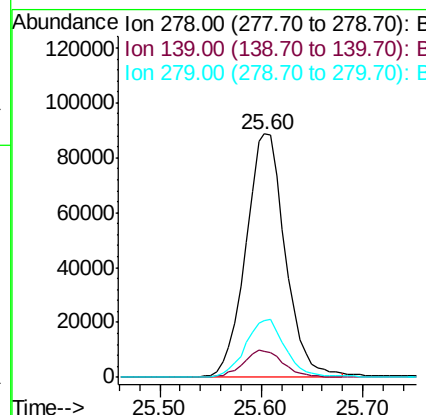
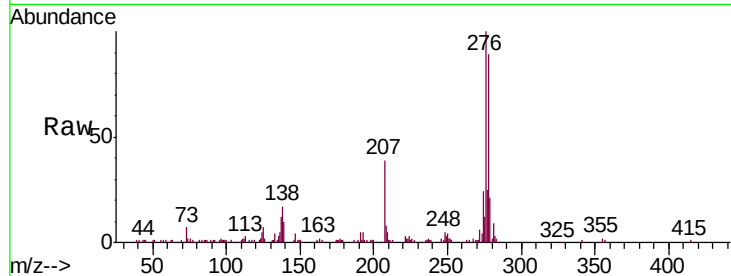
#91  
Dibenzo(a,h)anthracene  
Concen: 18.588 ng  
RT: 25.60 min Scan# 3845  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC020

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 10.9  | 9.8        | 14.8       |
| 279     | 23.3  | 18.7       | 28.1       |

Manual Integrations  
APPROVED

mohammad  
8/22/2019 12:48:07 PM



#92  
Benzo(g,h,i)perylene  
Concen: 18.649 ng  
RT: 26.27 min Scan# 3959  
Delta R.T. 0.00 min  
Lab File: BM022195.D  
Acq: 19 Aug 2019 18:26

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 23.5  | 18.8       | 28.2       |
| 138     | 14.0  | 13.1       | 19.7       |

