

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022421\  
 Data File : BM028887.D  
 Acq On : 24 Feb 2021 19:59  
 Operator : CG/JU  
 Sample : M1462-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CL-01-022221

Manual Integrations  
 APPROVED

mohammad  
 2/25/2021 1:11:32 PM

Quant Time: Feb 25 00:12:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 23 16:39:41 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.804  | 152  | 19789    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.604 | 136  | 74503    | 20.00  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.463 | 164  | 36301    | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.210 | 188  | 63439    | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.380 | 240  | 65972    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.591 | 264  | 68930    | 20.00  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 118910   | 99.60  | ng    | 0.00     |
| 7) Phenol-d6                | 6.993  | 99   | 144350   | 91.54  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.981  | 82   | 87966    | 63.70  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.963 | 330  | 34586    | 80.39  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.080 | 172  | 170722   | 62.61  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.827 | 244  | 172468   | 48.27  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 7.022  | 94   | 3608     | 2.30   | ng    | 98       |
| 31) Naphthalene             | 10.657 | 128  | 38602    | 9.40   | ng    | 99       |
| 37) 2-Methylnaphthalene     | 12.275 | 142  | 23480    | 8.12   | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.498 | 142  | 17387    | 6.35   | ng    | 98       |
| 46) 1,1'-Biphenyl           | 13.292 | 154  | 8713     | 2.99   | ng    | 97       |
| 49) Acenaphthylene          | 14.186 | 152  | 14601    | 4.00   | ng    | # 93     |
| 52) Acenaphthene            | 14.527 | 154  | 72607    | 32.44  | ng    | 99       |
| 55) Dibenzofuran            | 14.863 | 168  | 78957    | 22.47  | ng    | 96       |
| 58) Fluorene                | 15.516 | 166  | 114088   | 40.50  | ng    | 98       |
| 71) Phenanthrene            | 17.262 | 178  | 1045201  | 276.68 | ng    | 100      |
| 72) Anthracene              | 17.351 | 178  | 393388   | 105.12 | ng    | 98       |
| 73) Carbazole               | 17.621 | 167  | 75336    | 20.98  | ng    | 98       |
| 75) Fluoranthene            | 19.280 | 202  | 1168684  | 281.52 | ng    | 97       |
| 78) Pyrene                  | 19.639 | 202  | 866688   | 178.83 | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.362 | 228  | 491427   | 107.34 | ng    | 99       |
| 83) Chrysene                | 21.415 | 228  | 411878   | 92.32  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 25.838 | 276  | 224942m  | 43.25  | ng    |          |
| 88) Benzo(b)fluoranthene    | 22.939 | 252  | 500818   | 102.85 | ng    | # 95     |
| 89) Benzo(k)fluoranthene    | 22.974 | 252  | 166703m  | 36.04  | ng    |          |
| 90) Benzo(a)pyrene          | 23.503 | 252  | 359332   | 80.87  | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene  | 25.833 | 278  | 62775    | 13.89  | ng    | # 84     |
| 92) Benzo(g,h,i)perylene    | 26.527 | 276  | 196856   | 45.10  | ng    | # 91     |
| -----                       |        |      |          |        |       |          |

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

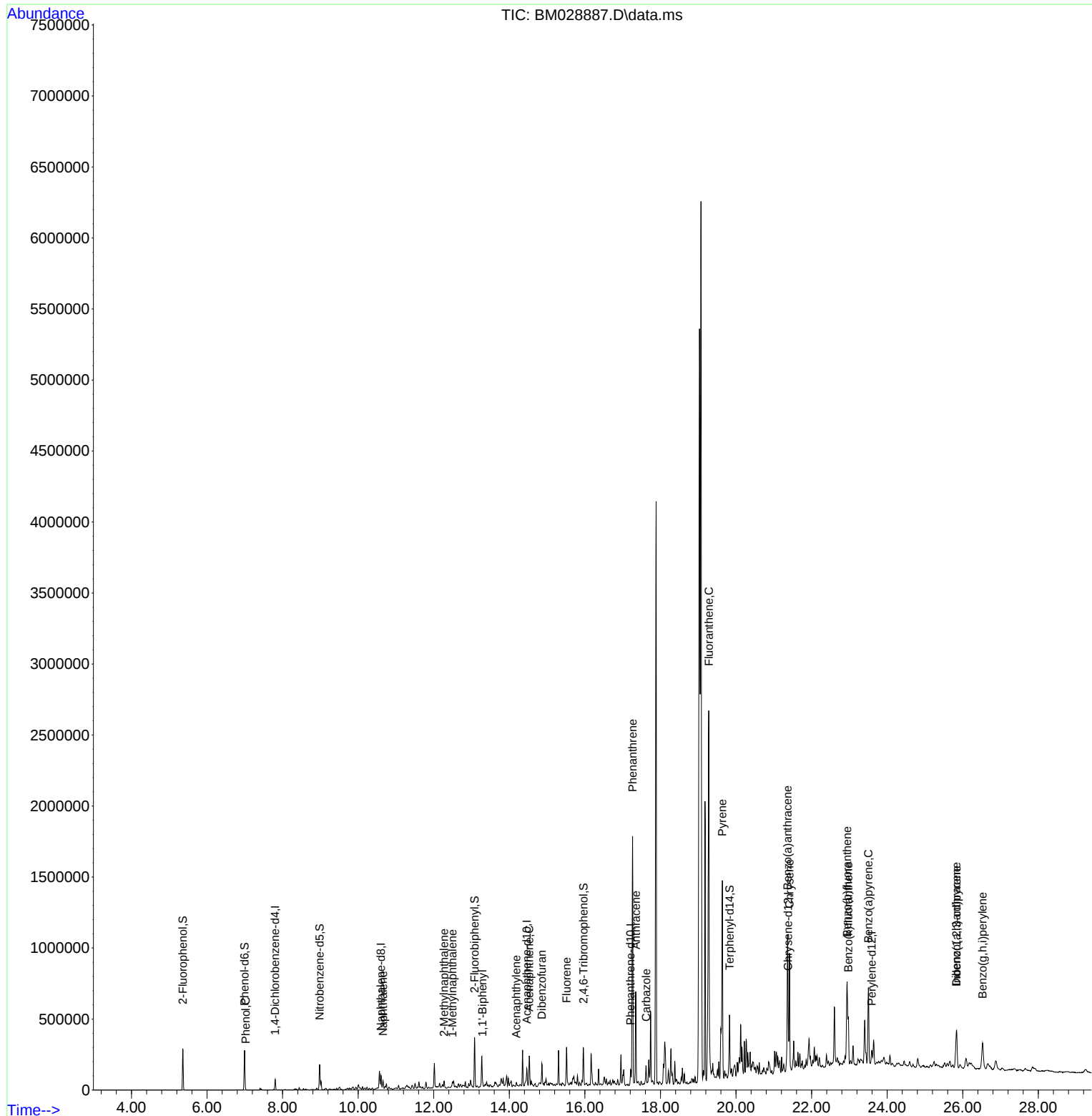
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022421\  
Data File : BM028887.D  
Acq On : 24 Feb 2021 19:59  
Operator : CG/JU  
Sample : M1462-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

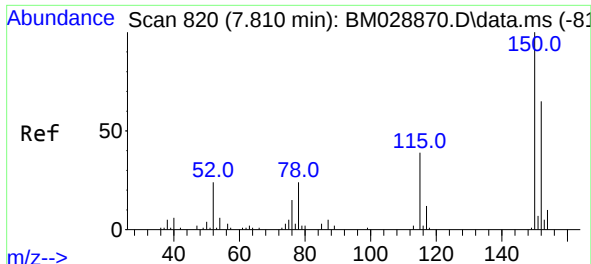
Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

Manual Integrations  
APPROVED

mohammad  
2/25/2021 1:11:32 PM

Quant Time: Feb 25 00:12:45 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 23 16:39:41 2021  
Response via : Initial Calibration





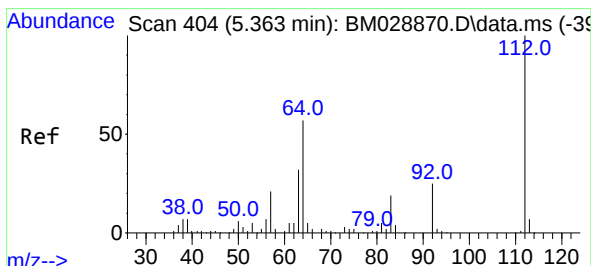
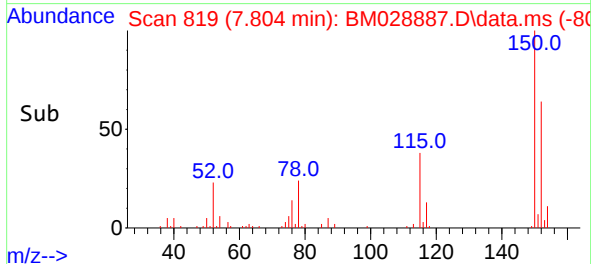
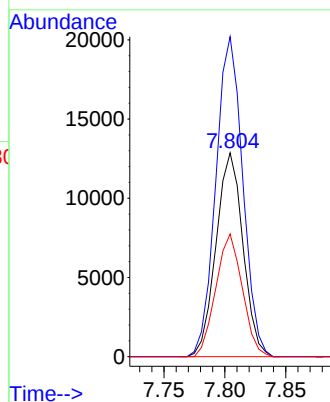
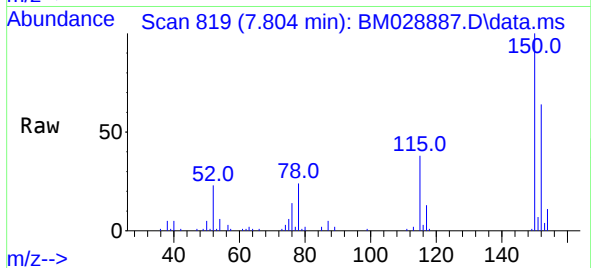
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.804 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:152 Resp: 19789  
Ion Ratio Lower Upper  
152 100  
150 157.0 120.6 181.0  
115 60.2 47.2 70.8

Instrument :  
BNA\_M  
ClientSampled :  
CL-01-022221

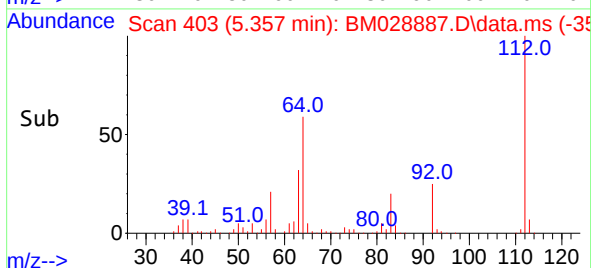
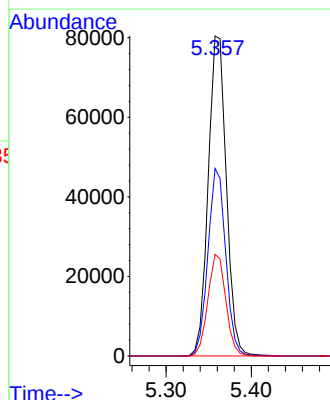
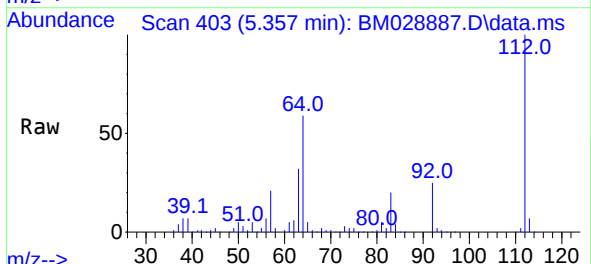
Manual Integrations  
APPROVED

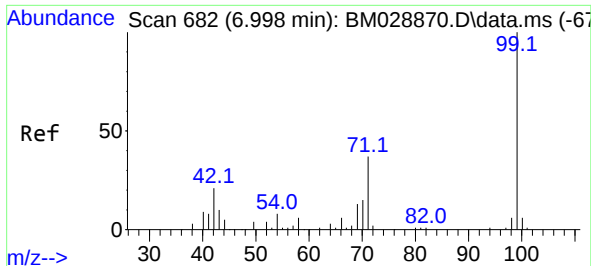
mohammad  
2/25/2021 1:11:32 PM



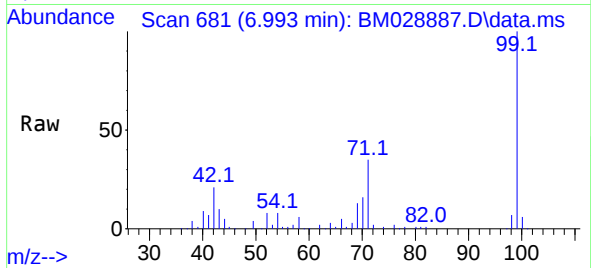
#5  
2-Fluorophenol  
Concen: 99.60 ng  
RT: 5.357 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:112 Resp: 118910  
Ion Ratio Lower Upper  
112 100  
64 58.6 50.6 76.0  
63 31.7 31.0 46.6

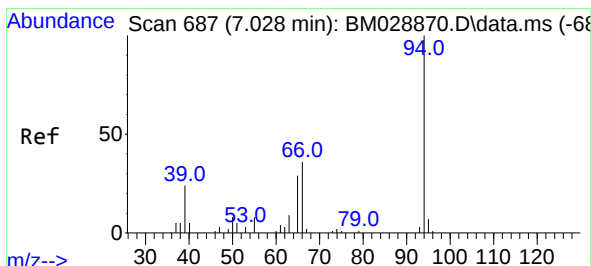
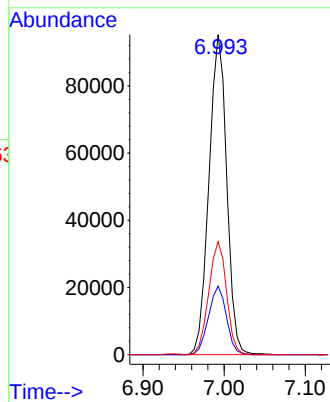
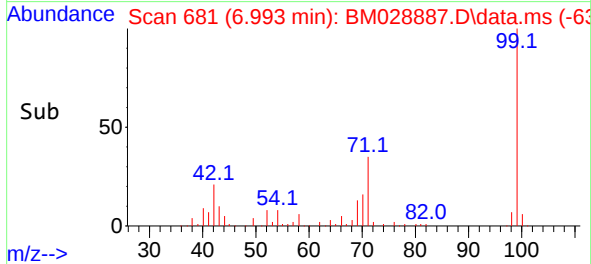




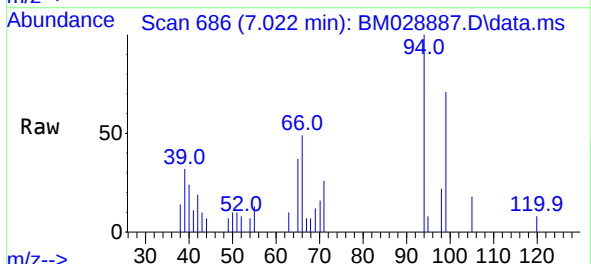
#7  
Phenol-d6  
Concen: 91.54 ng  
RT: 6.993 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



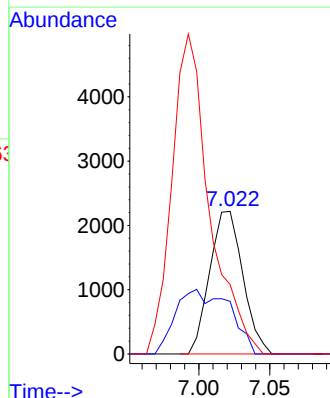
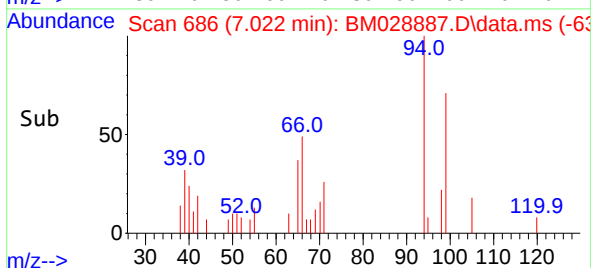
Tgt Ion: 99 Resp: 144350  
Ion Ratio Lower Upper  
99 100  
42 21.5 13.5 20.3#  
71 35.3 39.4 59.0#



#10  
Phenol  
Concen: 2.30 ng  
RT: 7.022 min Scan# 686  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



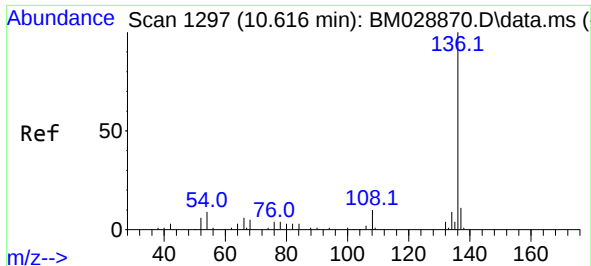
Tgt Ion: 94 Resp: 3608  
Ion Ratio Lower Upper  
94 100  
65 37.0 16.4 56.4  
66 48.8 30.2 70.2



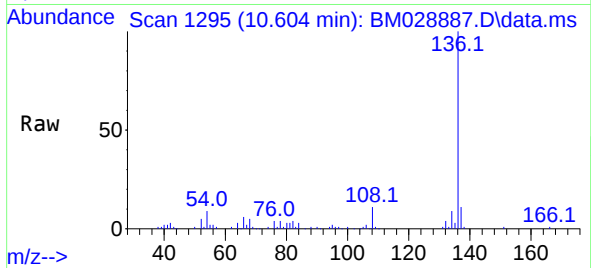
Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

Manual Integrations  
APPROVED

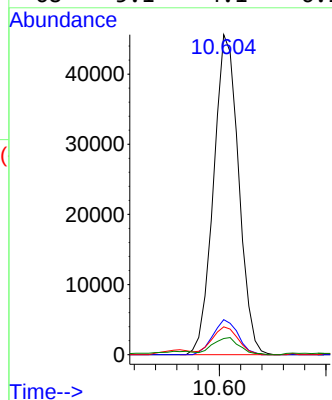
mohammad  
2/25/2021 1:11:32 PM



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.604 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



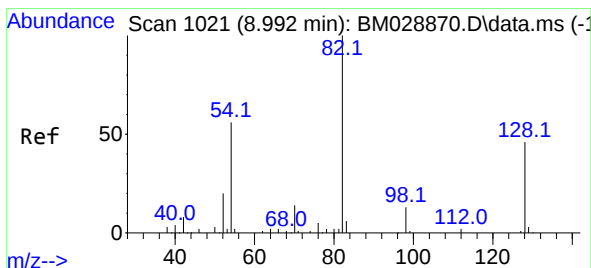
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 74503 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.9  | 8.6   | 12.8  |
| 54       | 8.7   | 4.6   | 7.0#  |
| 68       | 5.1   | 4.1   | 6.1   |



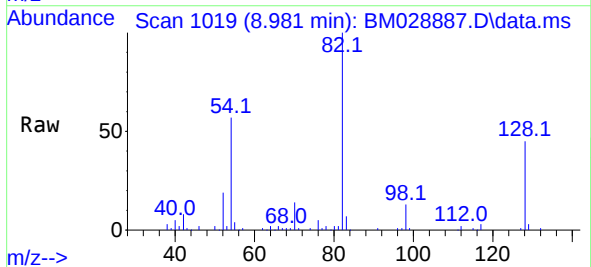
Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

Manual Integrations  
APPROVED

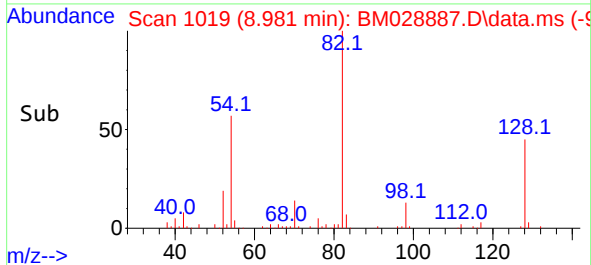
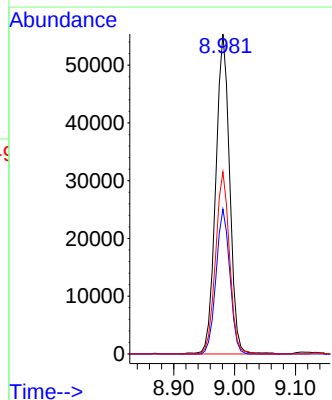
mohammad  
2/25/2021 1:11:32 PM

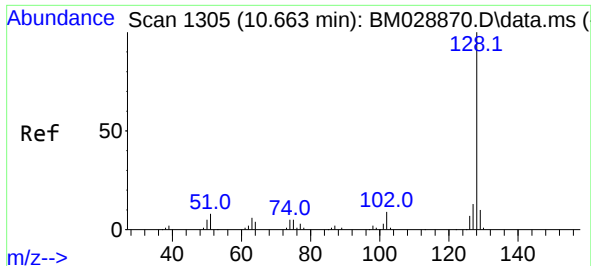


#23  
Nitrobenzene-d5  
Concen: 63.70 ng  
RT: 8.981 min Scan# 1019  
Delta R.T. -0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 87966 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.2  | 27.4  | 41.0# |
| 54       | 56.9  | 31.4  | 47.0# |





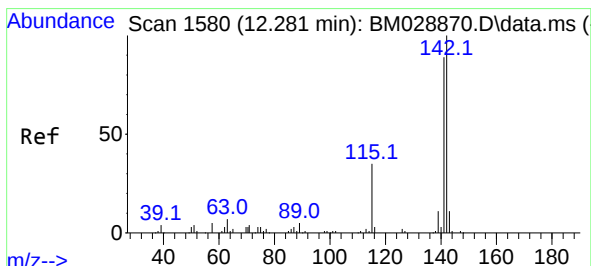
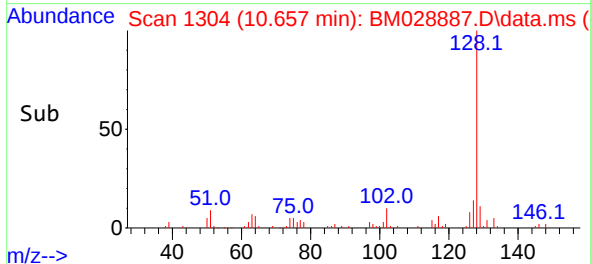
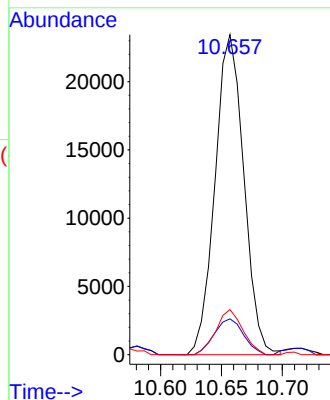
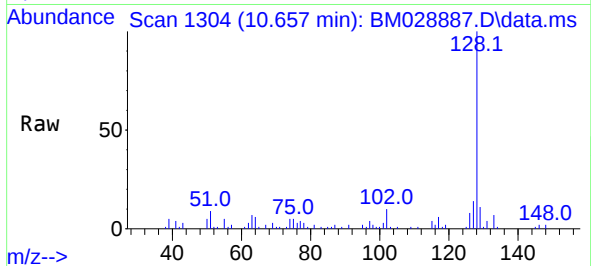
#31  
Naphthalene  
Concen: 9.40 ng  
RT: 10.657 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 38602 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.2  | 9.0   | 13.4  |
| 127       | 14.1  | 10.6  | 15.8  |

Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

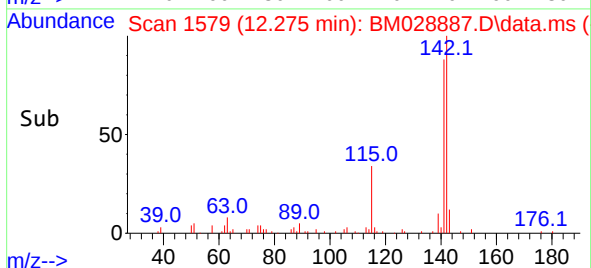
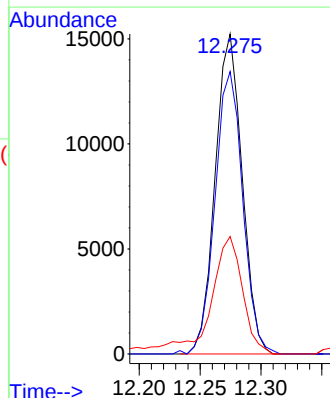
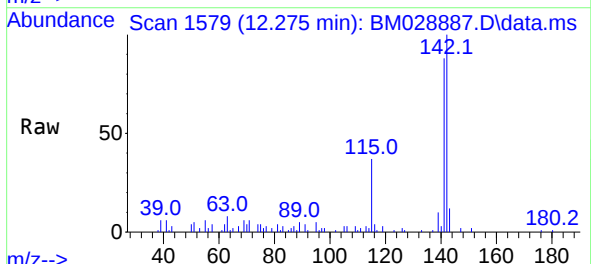
Manual Integrations  
APPROVED

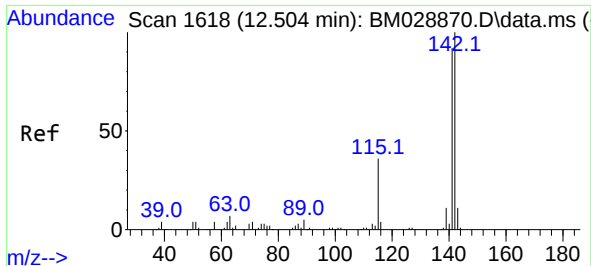
mohammad  
2/25/2021 1:11:32 PM



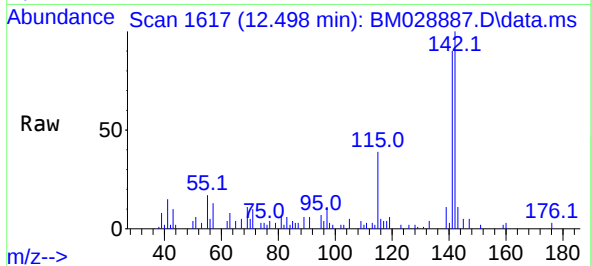
#37  
2-Methylnaphthalene  
Concen: 8.12 ng  
RT: 12.275 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 23480 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 88.3  | 70.3  | 105.5 |
| 115       | 36.7  | 32.2  | 48.4  |

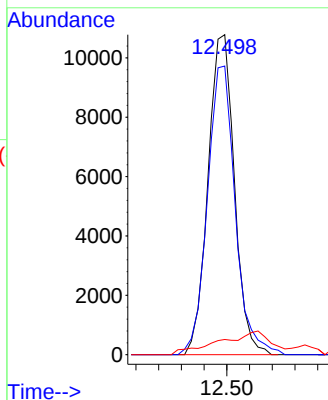
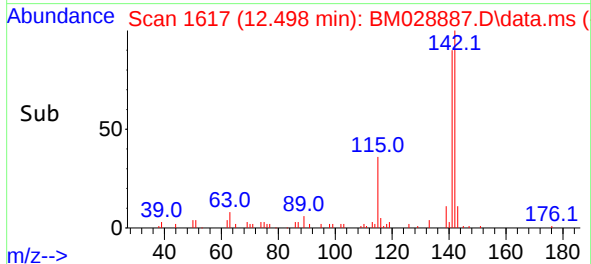




#38  
1-Methylnaphthalene  
Concen: 6.35 ng  
RT: 12.498 min Scan# 1617  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



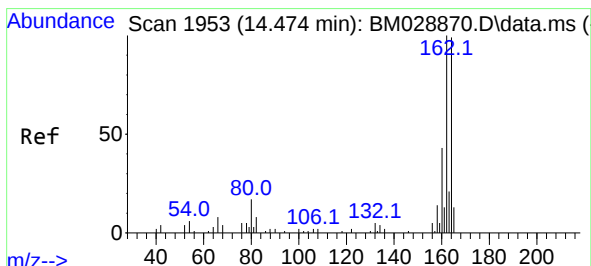
Tgt Ion:142 Resp: 17387  
Ion Ratio Lower Upper  
142 100  
141 90.2 73.8 110.6  
116 4.7 3.5 5.3



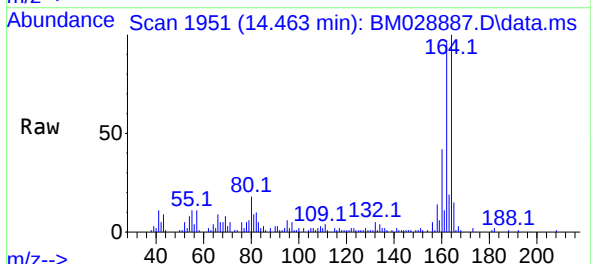
Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

Manual Integrations  
APPROVED

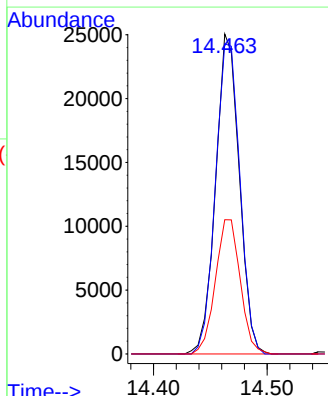
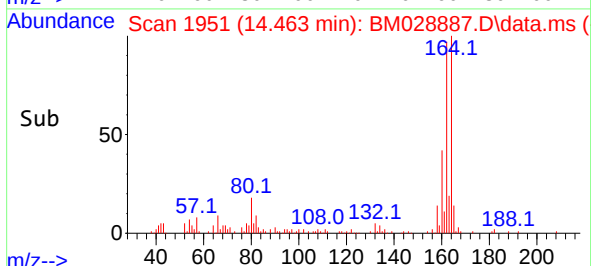
mohammad  
2/25/2021 1:11:32 PM

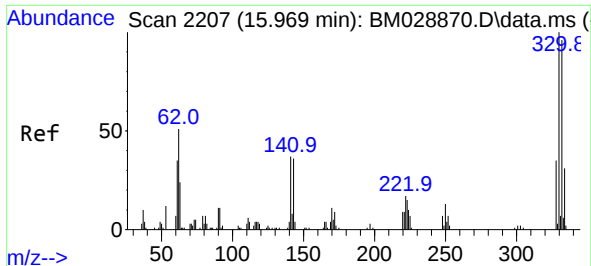


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.463 min Scan# 1951  
Delta R.T. -0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

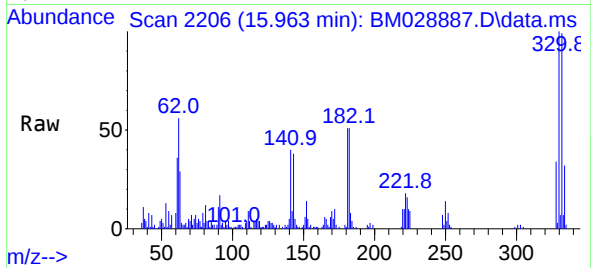


Tgt Ion:164 Resp: 36301  
Ion Ratio Lower Upper  
164 100  
162 96.9 80.4 120.6  
160 41.9 35.9 53.9

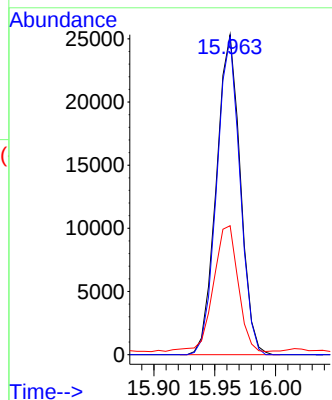
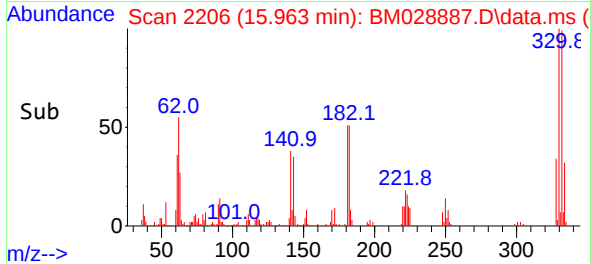




#42  
2,4,6-Tribromophenol  
Concen: 80.39 ng  
RT: 15.963 min Scan# 2206  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



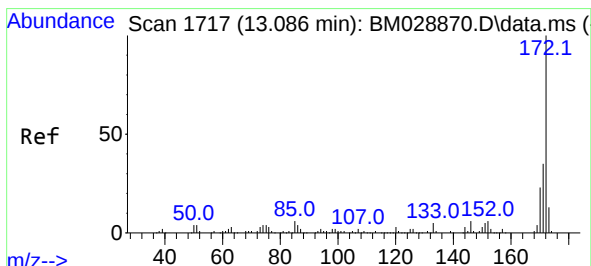
Tgt Ion:330 Resp: 34586  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.8 116.8  
141 40.7 28.4 42.6



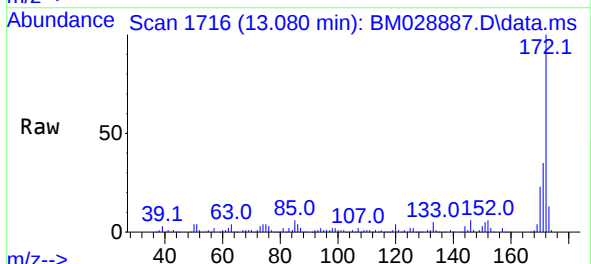
Instrument :  
BNA\_M  
ClientSampled :  
CL-01-022221

Manual Integrations  
APPROVED

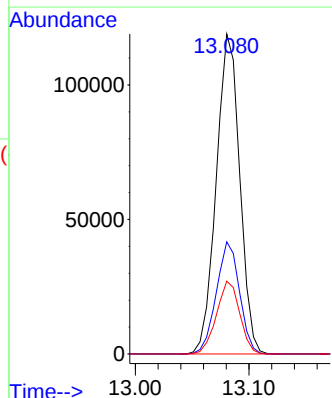
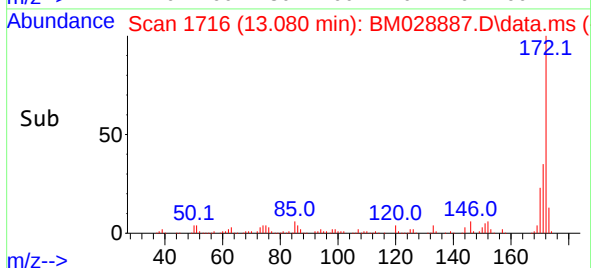
mohammad  
2/25/2021 1:11:32 PM

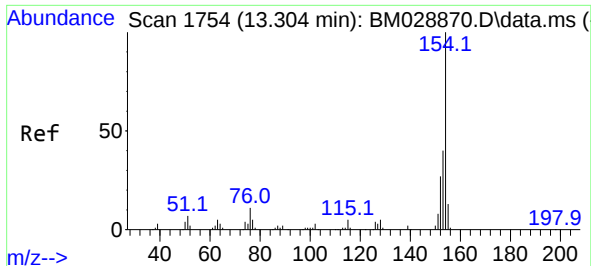


#45  
2-Fluorobiphenyl  
Concen: 62.61 ng  
RT: 13.080 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



Tgt Ion:172 Resp: 170722  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.8  
170 22.7 18.6 27.8





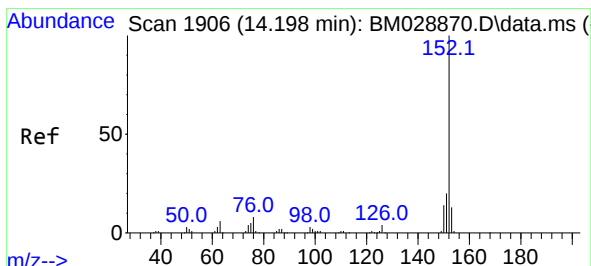
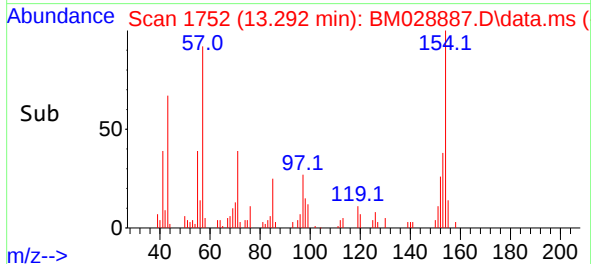
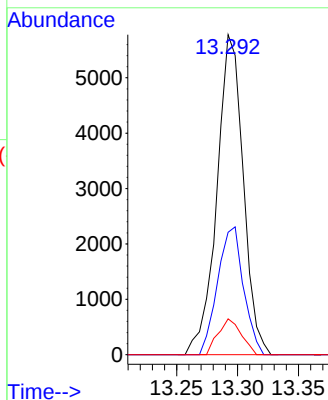
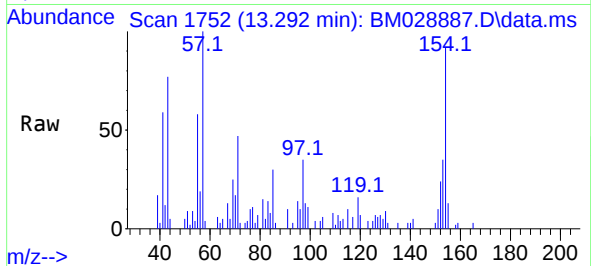
#46  
1,1'-Biphenyl  
Concen: 2.99 ng  
RT: 13.292 min Scan# 1752  
Delta R.T. -0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:154 Resp: 8713  
Ion Ratio Lower Upper  
154 100  
153 38.2 20.0 60.0  
76 11.2 0.0 32.0

Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

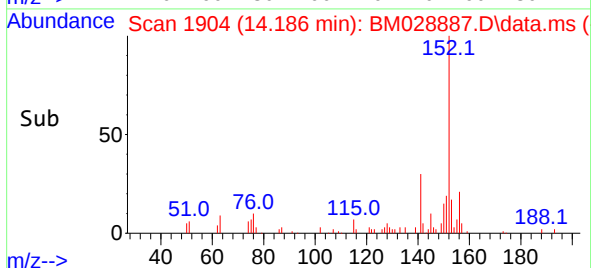
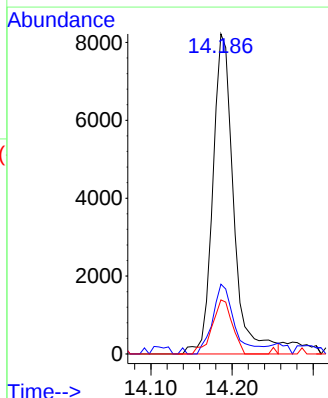
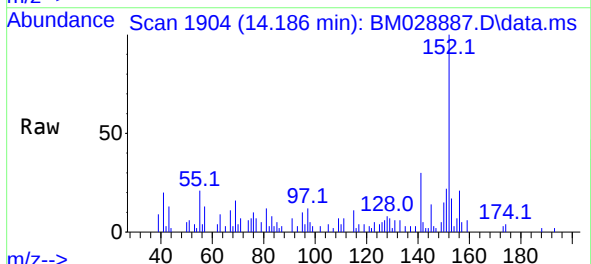
Manual Integrations  
APPROVED

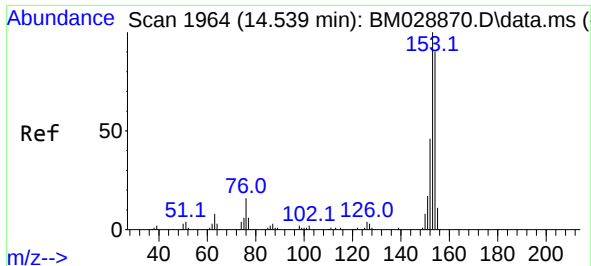
mohammad  
2/25/2021 1:11:32 PM



#49  
Acenaphthylene  
Concen: 4.00 ng  
RT: 14.186 min Scan# 1904  
Delta R.T. -0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:152 Resp: 14601  
Ion Ratio Lower Upper  
152 100  
151 21.8 15.8 23.6  
153 16.9 10.4 15.6#





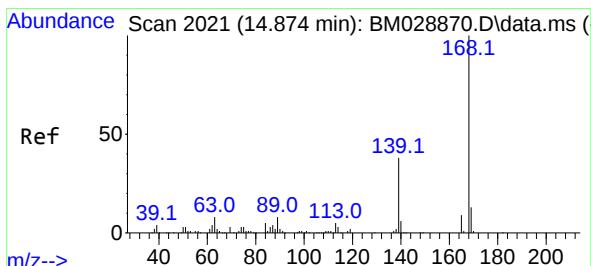
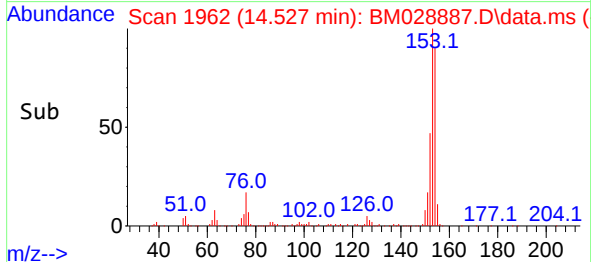
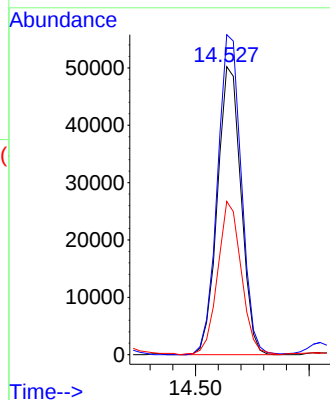
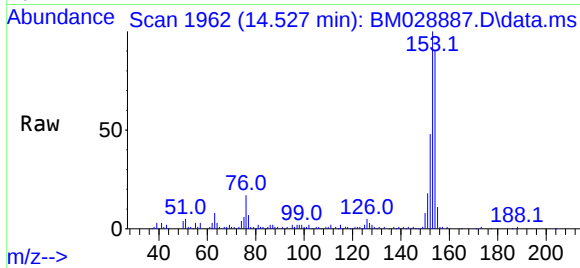
#52  
Acenaphthene  
Concen: 32.44 ng  
RT: 14.527 min Scan# 1962  
Delta R.T. -0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 72607 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 111.1 | 88.3  | 132.5 |
| 152       | 53.2  | 41.4  | 62.2  |

Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

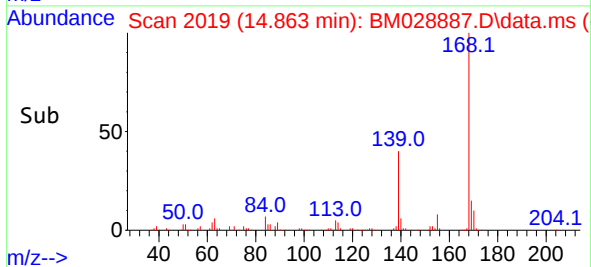
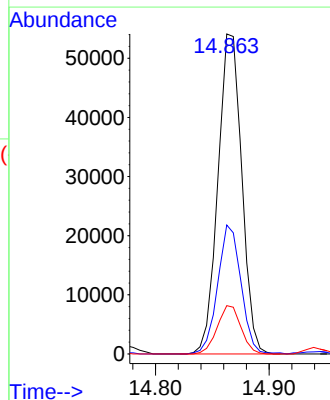
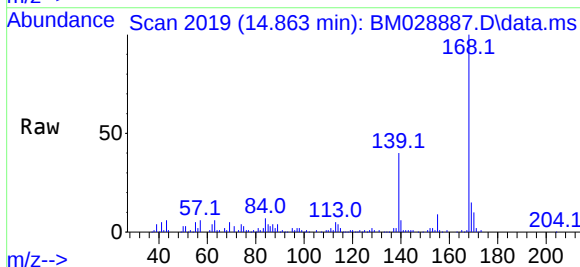
Manual Integrations  
APPROVED

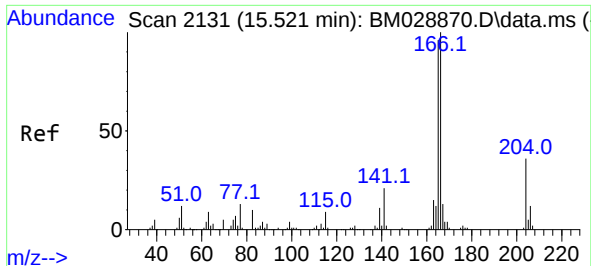
mohammad  
2/25/2021 1:11:32 PM



#55  
Dibenzofuran  
Concen: 22.47 ng  
RT: 14.863 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 168   | Resp: | 78957 |
| Ion Ratio | Lower | Upper |       |
| 168       | 100   |       |       |
| 139       | 40.3  | 30.2  | 45.4  |
| 169       | 15.1  | 10.6  | 16.0  |





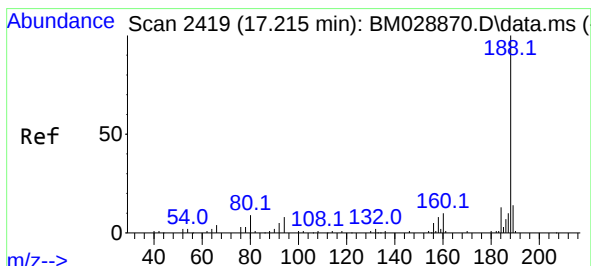
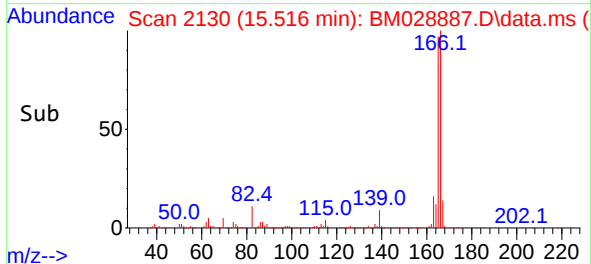
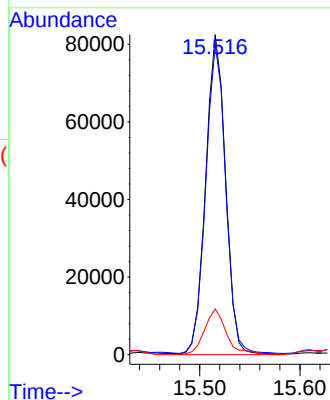
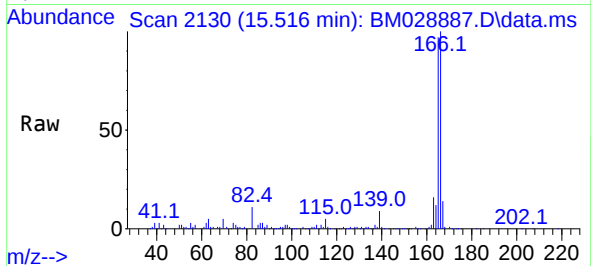
#58  
Fluorene  
Concen: 40.50 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:166 Resp: 114088  
Ion Ratio Lower Upper  
166 100  
165 96.9 76.2 114.2  
167 14.2 10.7 16.1

Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

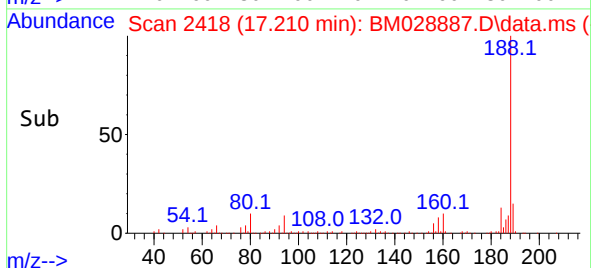
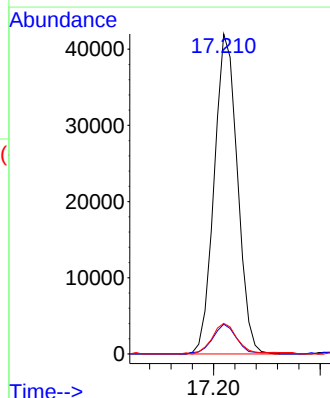
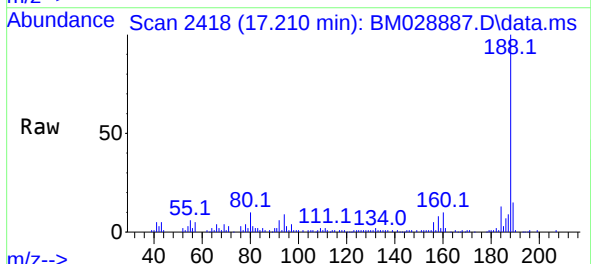
Manual Integrations  
APPROVED

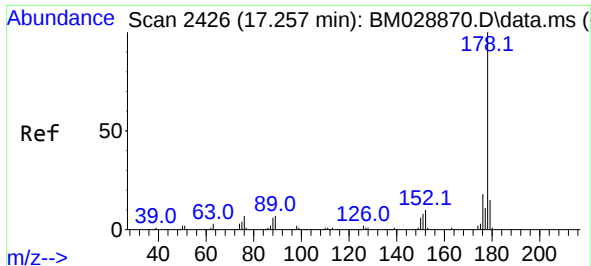
mohammad  
2/25/2021 1:11:32 PM



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.210 min Scan# 2418  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

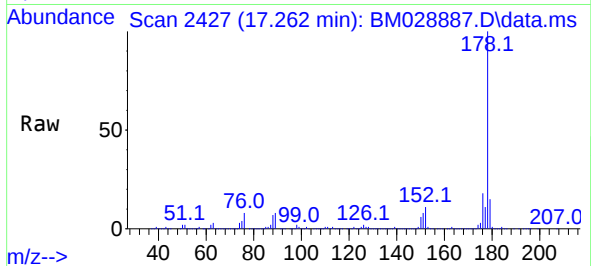
Tgt Ion:188 Resp: 63439  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.2 9.4  
80 9.5 7.5 11.3





#71  
Phenanthrene  
Concen: 276.68 ng  
RT: 17.262 min Scan# 2427  
Delta R.T. 0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

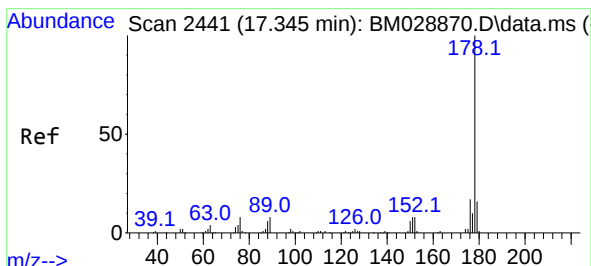
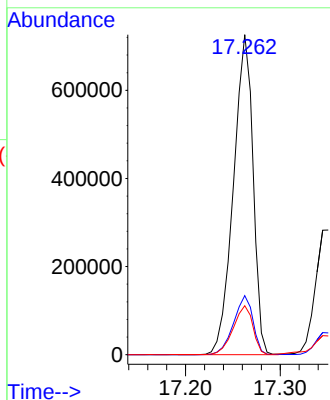
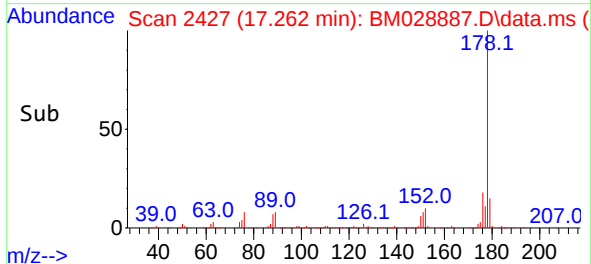
Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221



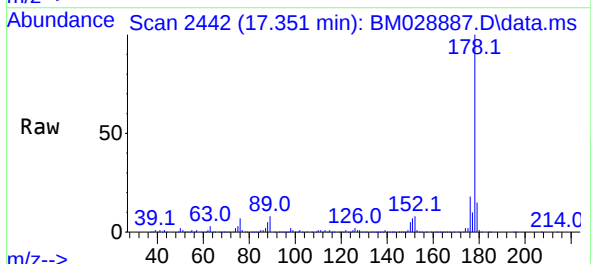
Tgt Ion:178 Resp: 1045201  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.0 22.6  
179 15.3 12.2 18.4

Manual Integrations  
APPROVED

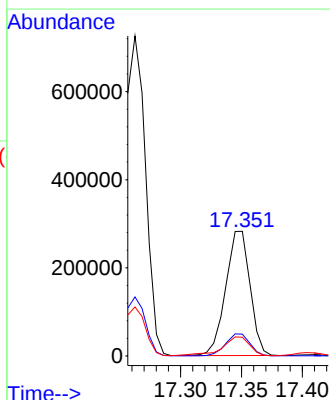
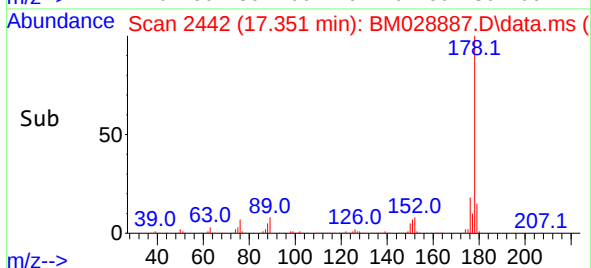
mohammad  
2/25/2021 1:11:32 PM

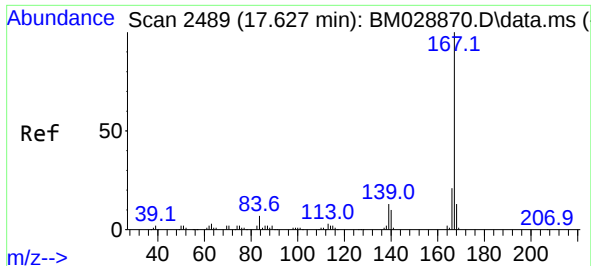


#72  
Anthracene  
Concen: 105.12 ng  
RT: 17.351 min Scan# 2442  
Delta R.T. 0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



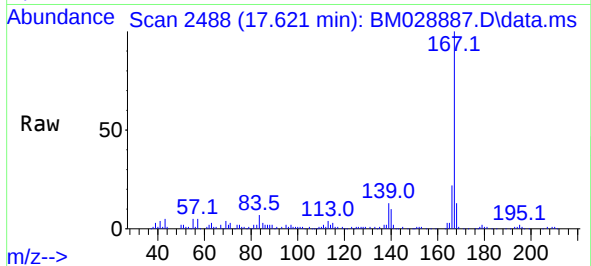
Tgt Ion:178 Resp: 393388  
Ion Ratio Lower Upper  
178 100  
176 17.5 15.0 22.4  
179 15.0 12.5 18.7





#73  
 Carbazole  
 Concen: 20.98 ng  
 RT: 17.621 min Scan# 2488  
 Delta R.T. -0.006 min  
 Lab File: BM028887.D  
 Acq: 24 Feb 2021 19:59

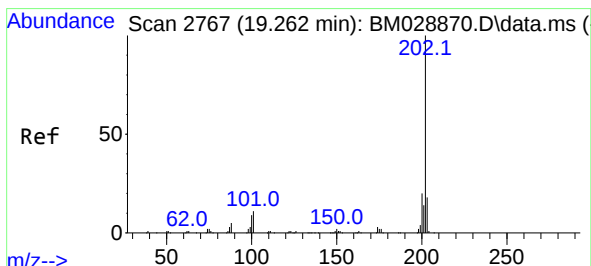
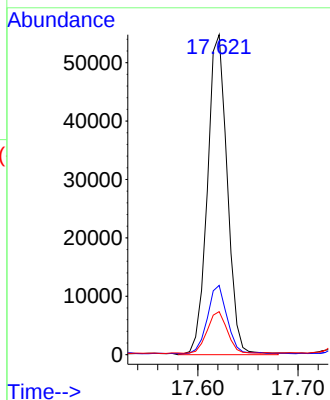
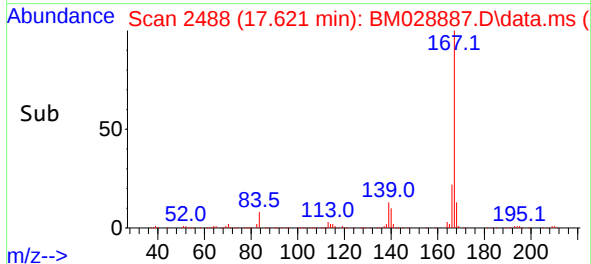
Instrument :  
 BNA\_M  
 ClientSampleId :  
 CL-01-022221



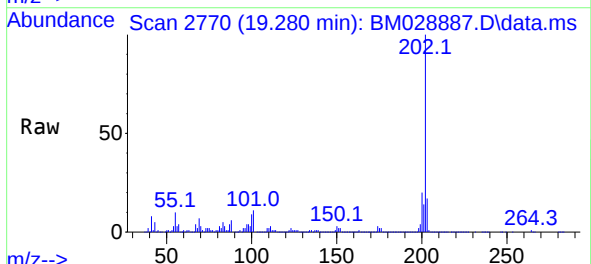
Tgt Ion:167 Resp: 75336  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 16.9 25.3  
 139 13.4 9.9 14.9

Manual Integrations  
 APPROVED

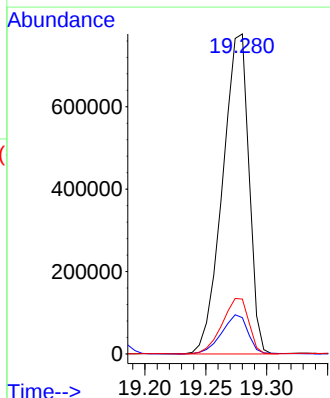
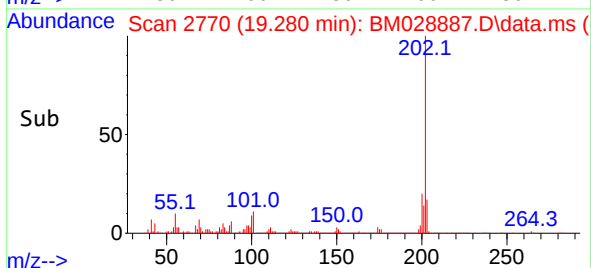
mohammad  
 2/25/2021 1:11:32 PM

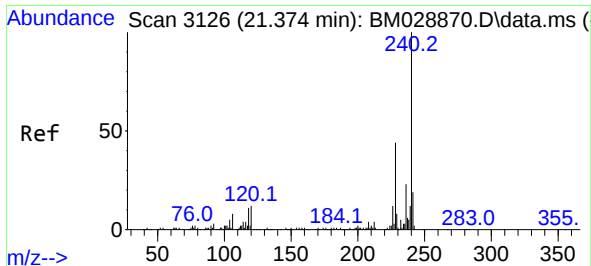


#75  
 Fluoranthene  
 Concen: 281.52 ng  
 RT: 19.280 min Scan# 2770  
 Delta R.T. 0.018 min  
 Lab File: BM028887.D  
 Acq: 24 Feb 2021 19:59



Tgt Ion:202 Resp: 1168684  
 Ion Ratio Lower Upper  
 202 100  
 101 11.4 0.0 28.5  
 203 17.2 0.0 37.3





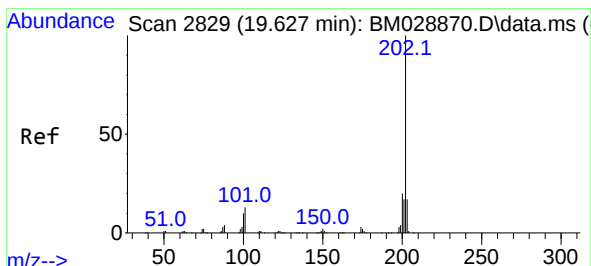
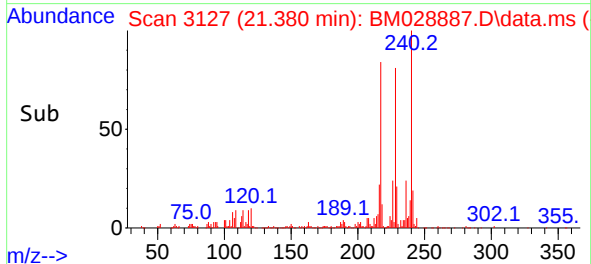
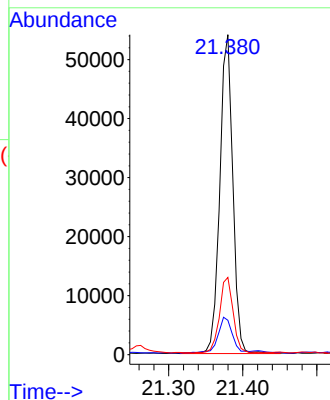
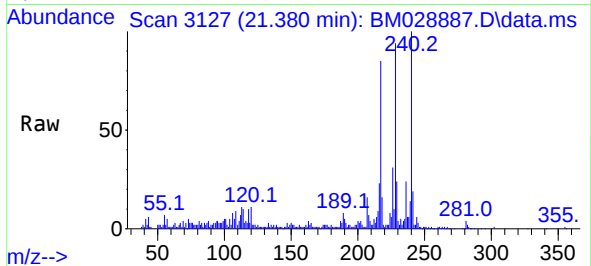
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.380 min Scan# 3127  
Delta R.T. 0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:240 Resp: 65972  
Ion Ratio Lower Upper  
240 100  
120 10.7 6.4 9.6#  
236 24.1 20.1 30.1

Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

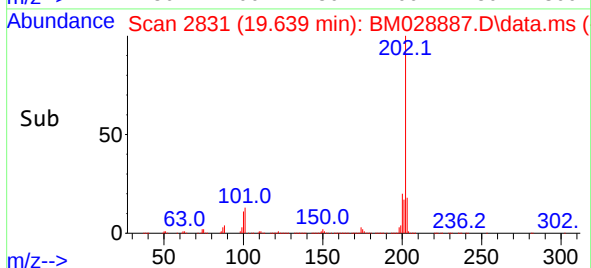
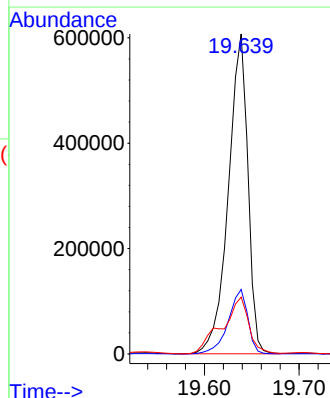
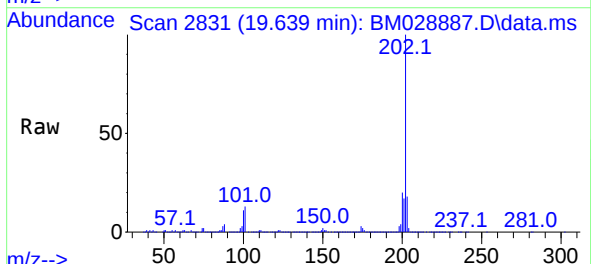
Manual Integrations  
APPROVED

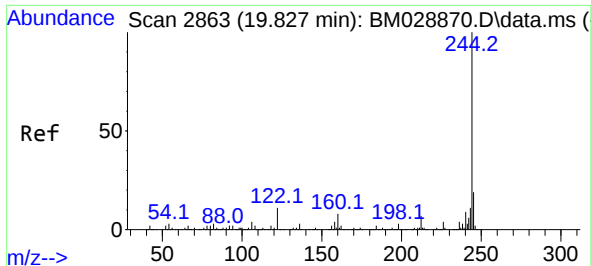
mohammad  
2/25/2021 1:11:32 PM



#78  
Pyrene  
Concen: 178.83 ng  
RT: 19.639 min Scan# 2831  
Delta R.T. 0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:202 Resp: 866688  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.6 24.8  
203 17.8 13.8 20.6





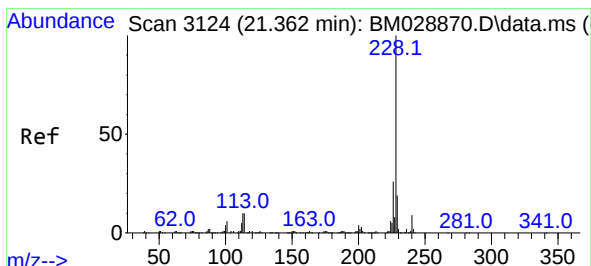
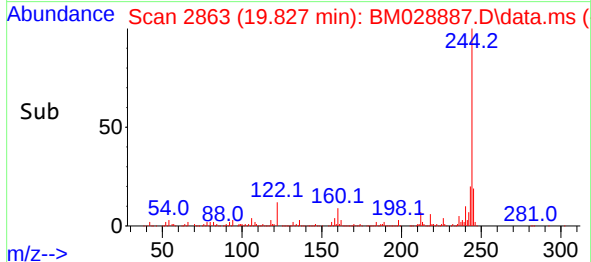
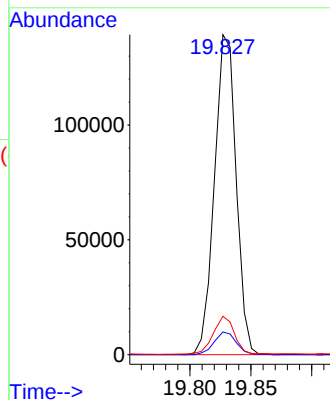
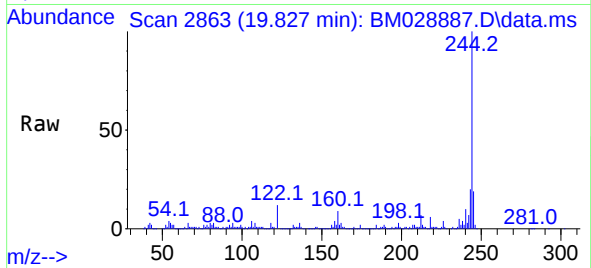
#79  
 Terphenyl-d14  
 Concen: 48.27 ng  
 RT: 19.827 min Scan# 2863  
 Delta R.T. -0.000 min  
 Lab File: BM028887.D  
 Acq: 24 Feb 2021 19:59

Tgt Ion:244 Resp: 172468  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.8  
 122 12.0 6.5 9.7#

Instrument :  
 BNA\_M  
 ClientSampled :  
 CL-01-022221

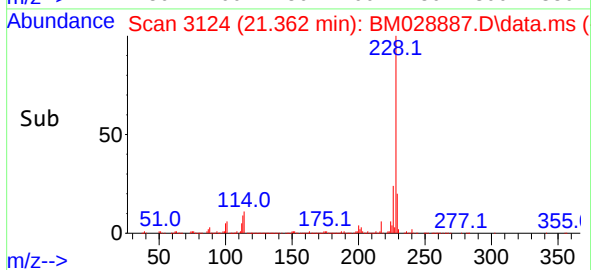
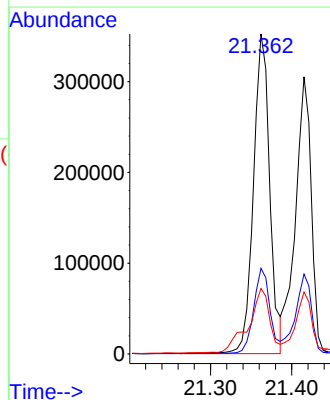
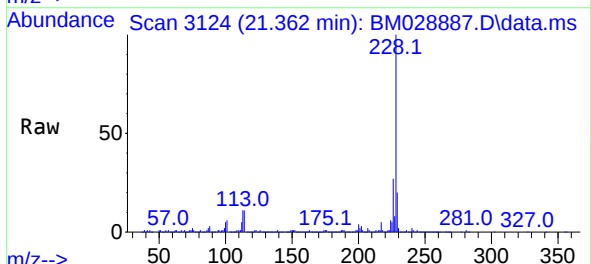
Manual Integrations  
 APPROVED

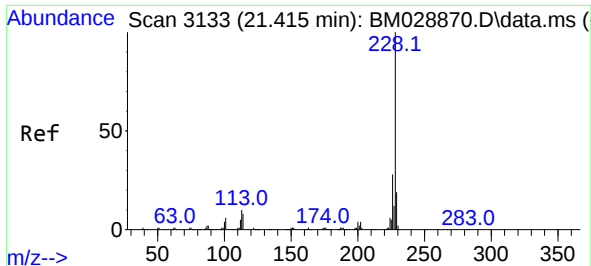
mohammad  
 2/25/2021 1:11:32 PM



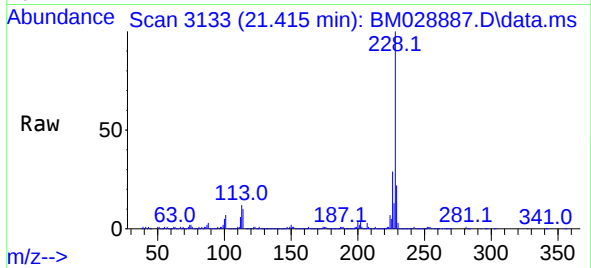
#81  
 Benzo(a)anthracene  
 Concen: 107.34 ng  
 RT: 21.362 min Scan# 3124  
 Delta R.T. -0.000 min  
 Lab File: BM028887.D  
 Acq: 24 Feb 2021 19:59

Tgt Ion:228 Resp: 491427  
 Ion Ratio Lower Upper  
 228 100  
 226 26.7 21.1 31.7  
 229 20.4 15.7 23.5

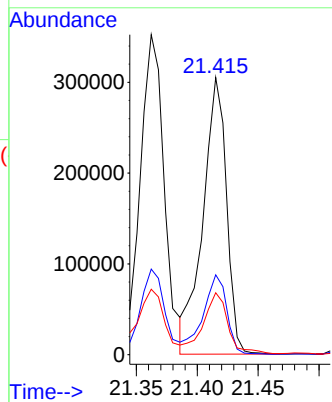
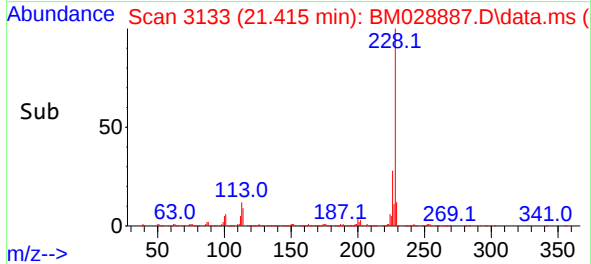




#83  
Chrysene  
Concen: 92.32 ng  
RT: 21.415 min Scan# 3133  
Delta R.T. -0.000 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



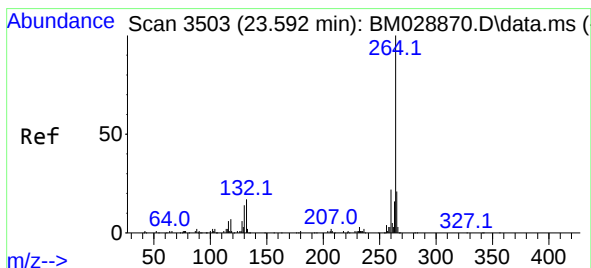
Tgt Ion:228 Resp: 411878  
Ion Ratio Lower Upper  
228 100  
226 28.8 23.4 35.0  
229 22.4 15.7 23.5



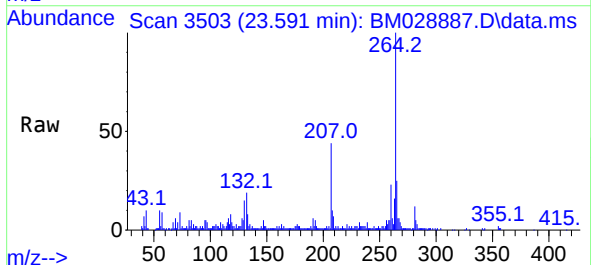
Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

Manual Integrations  
APPROVED

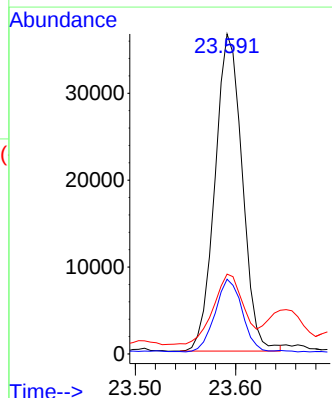
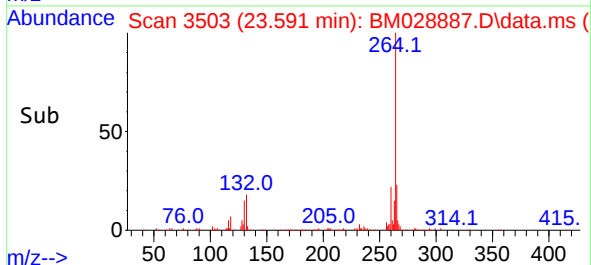
mohammad  
2/25/2021 1:11:32 PM

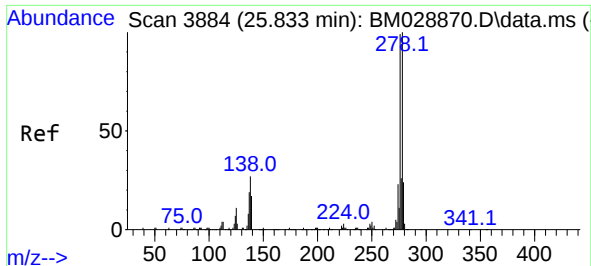


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.591 min Scan# 3503  
Delta R.T. -0.000 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59



Tgt Ion:264 Resp: 68930  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.0 28.4  
265 25.0 17.7 26.5





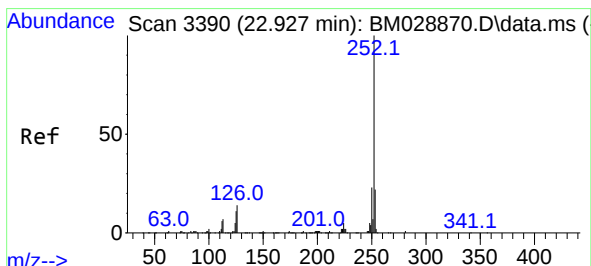
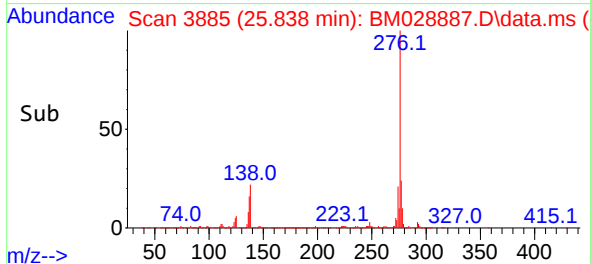
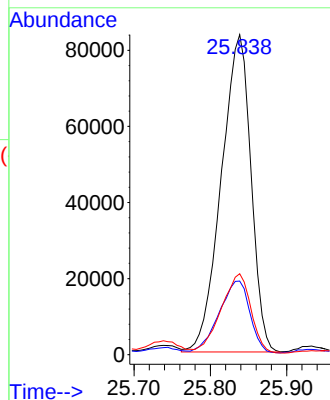
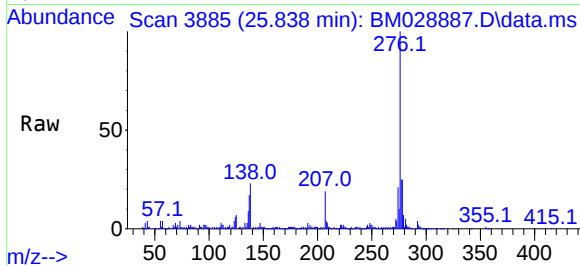
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.25 ng m  
 RT: 25.838 min Scan# 3885  
 Delta R.T. 0.006 min  
 Lab File: BM028887.D  
 Acq: 24 Feb 2021 19:59

Tgt Ion:276 Resp: 224942  
 Ion Ratio Lower Upper  
 276 100  
 138 1.6 14.2 21.4#  
 277 2.6 19.8 29.8#

Instrument :  
 BNA\_M  
 ClientSampled :  
 CL-01-022221

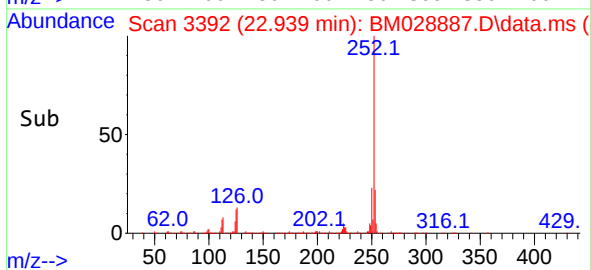
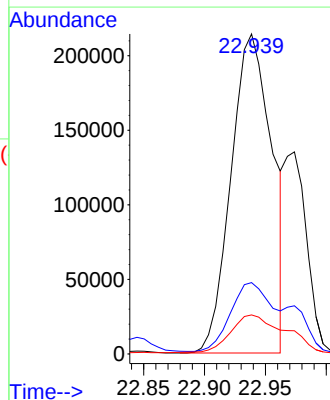
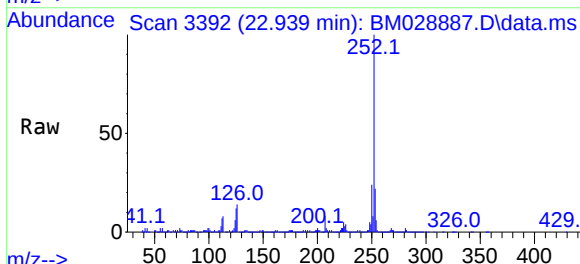
Manual Integrations  
 APPROVED

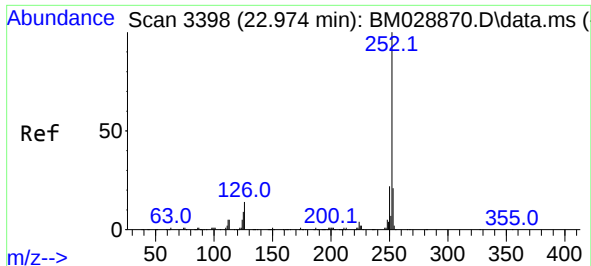
mohammad  
 2/25/2021 1:11:32 PM



#88  
 Benzo(b)fluoranthene  
 Concen: 102.85 ng  
 RT: 22.939 min Scan# 3392  
 Delta R.T. 0.012 min  
 Lab File: BM028887.D  
 Acq: 24 Feb 2021 19:59

Tgt Ion:252 Resp: 500818  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.4 26.0  
 125 12.2 5.7 8.5#





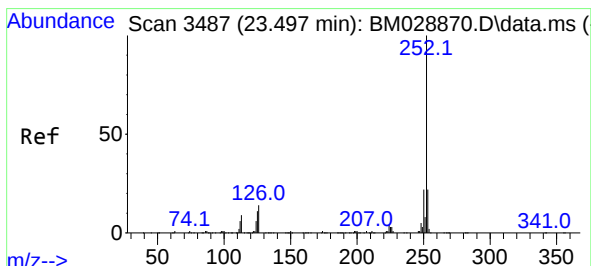
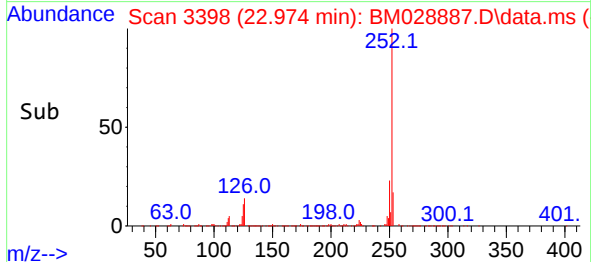
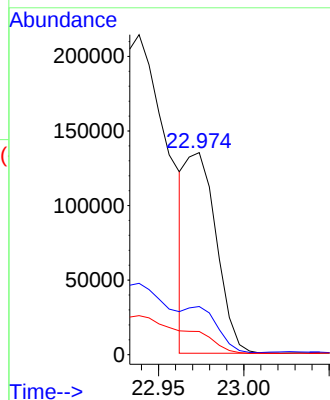
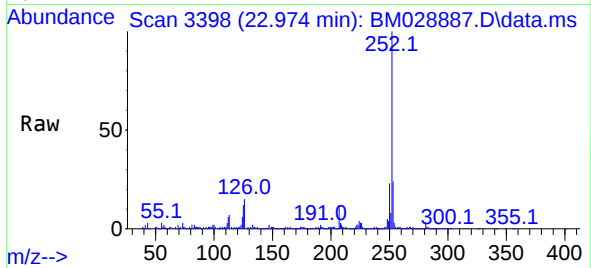
#89  
Benzo(k)fluoranthene  
Concen: 36.04 ng m  
RT: 22.974 min Scan# 3398  
Delta R.T. -0.000 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:252 Resp: 166703  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.4 26.0  
125 11.5 5.6 8.4#

Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

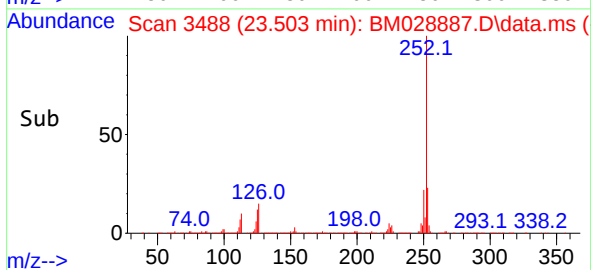
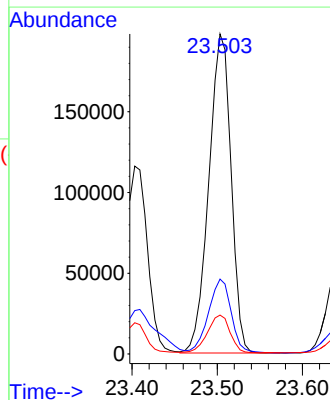
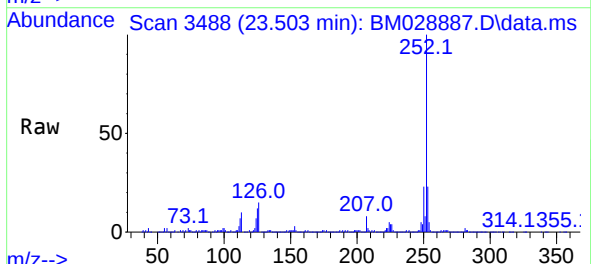
Manual Integrations  
APPROVED

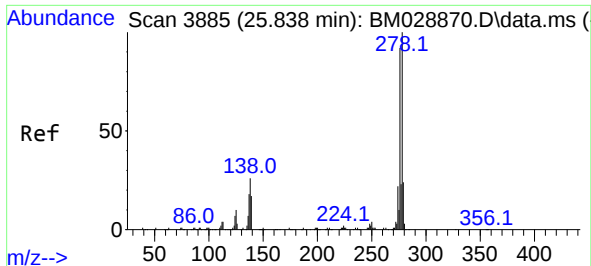
mohammad  
2/25/2021 1:11:32 PM



#90  
Benzo(a)pyrene  
Concen: 80.87 ng  
RT: 23.503 min Scan# 3488  
Delta R.T. 0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:252 Resp: 359332  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.4 26.2  
125 12.1 6.6 9.8#





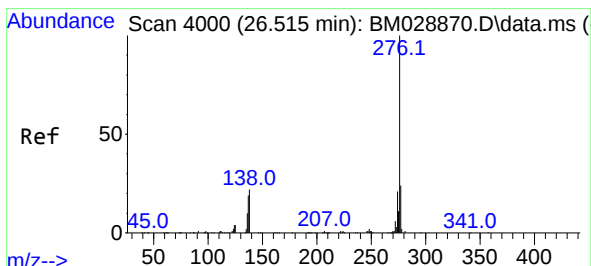
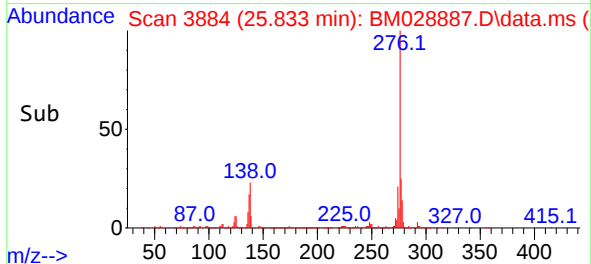
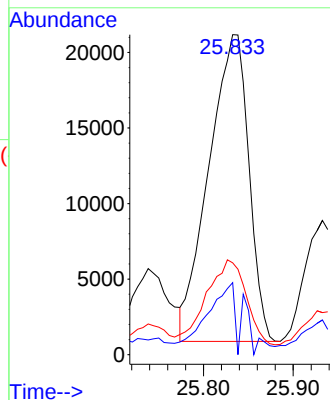
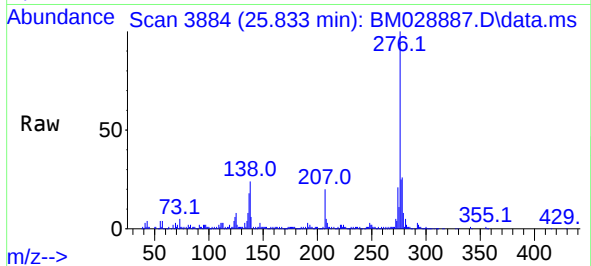
#91  
Dibenzo(a,h)anthracene  
Concen: 13.89 ng  
RT: 25.833 min Scan# 3884  
Delta R.T. -0.006 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:278 Resp: 62775  
Ion Ratio Lower Upper  
278 100  
139 22.5 9.0 13.6#  
279 28.7 19.0 28.4#

Instrument :  
BNA\_M  
ClientSampleId :  
CL-01-022221

Manual Integrations  
APPROVED

mohammad  
2/25/2021 1:11:32 PM



#92  
Benzo(g,h,i)perylene  
Concen: 45.10 ng  
RT: 26.527 min Scan# 4002  
Delta R.T. 0.012 min  
Lab File: BM028887.D  
Acq: 24 Feb 2021 19:59

Tgt Ion:276 Resp: 196856  
Ion Ratio Lower Upper  
276 100  
277 24.2 18.6 28.0  
138 23.7 12.2 18.2#

