

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\  
 Data File : BF120395.D  
 Acq On : 21 May 2020 21:44  
 Operator : MA/SJ  
 Sample : L2497-05 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-051920

Manual Integrations  
 APPROVED

mohammad  
 5/22/2020 2:56:02 PM

Quant Time: May 22 02:53:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 14:56:56 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.59  | 152  | 201942   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.87  | 136  | 780197   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.62  | 164  | 355738   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.11 | 188  | 553680   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.74 | 240  | 414658   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.13 | 264  | 406209   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.20  | 112  | 201574   | 19.42  | ng    | 0.00     |
| 7) Phenol-d6                | 6.25  | 99   | 285687   | 21.77  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.16  | 82   | 155558   | 13.65  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.42 | 330  | 50190    | 17.30  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.95  | 172  | 328794   | 18.99  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.69 | 244  | 263346   | 14.03  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 52) Acenaphthene            | 9.66  | 154  | 79152    | 4.624  | ng    | 99       |
| 55) Dibenzofuran            | 9.83  | 168  | 101266   | 4.108  | ng    | 93       |
| 58) Fluorene                | 10.17 | 166  | 174639   | 9.302  | ng    | 98       |
| 71) Phenanthrene            | 11.13 | 178  | 891670   | 38.326 | ng    | 98       |
| 72) Anthracene              | 11.19 | 178  | 405057   | 16.263 | ng    | 98       |
| 73) Carbazole               | 11.34 | 167  | 88113    | 3.786  | ng    | 99       |
| 75) Fluoranthene            | 12.32 | 202  | 1224842  | 49.118 | ng    | 97       |
| 78) Pyrene                  | 12.55 | 202  | 1066185  | 36.067 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.74 | 228  | 550577   | 25.174 | ng    | 99       |
| 83) Chrysene                | 13.77 | 228  | 483168m  | 20.574 | ng    |          |
| 86) Indeno(1,2,3-cd)pyrene  | 16.44 | 276  | 206597   | 9.693  | ng    | 93       |
| 88) Benzo(b)fluoranthene    | 14.75 | 252  | 538905m  | 24.292 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.77 | 252  | 162778m  | 8.469  | ng    |          |
| 90) Benzo(a)pyrene          | 15.08 | 252  | 404380   | 20.326 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 16.45 | 278  | 65500    | 3.716  | ng    | # 87     |
| 92) Benzo(g,h,i)perylene    | 16.84 | 276  | 192473   | 10.829 | ng    | 100      |

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

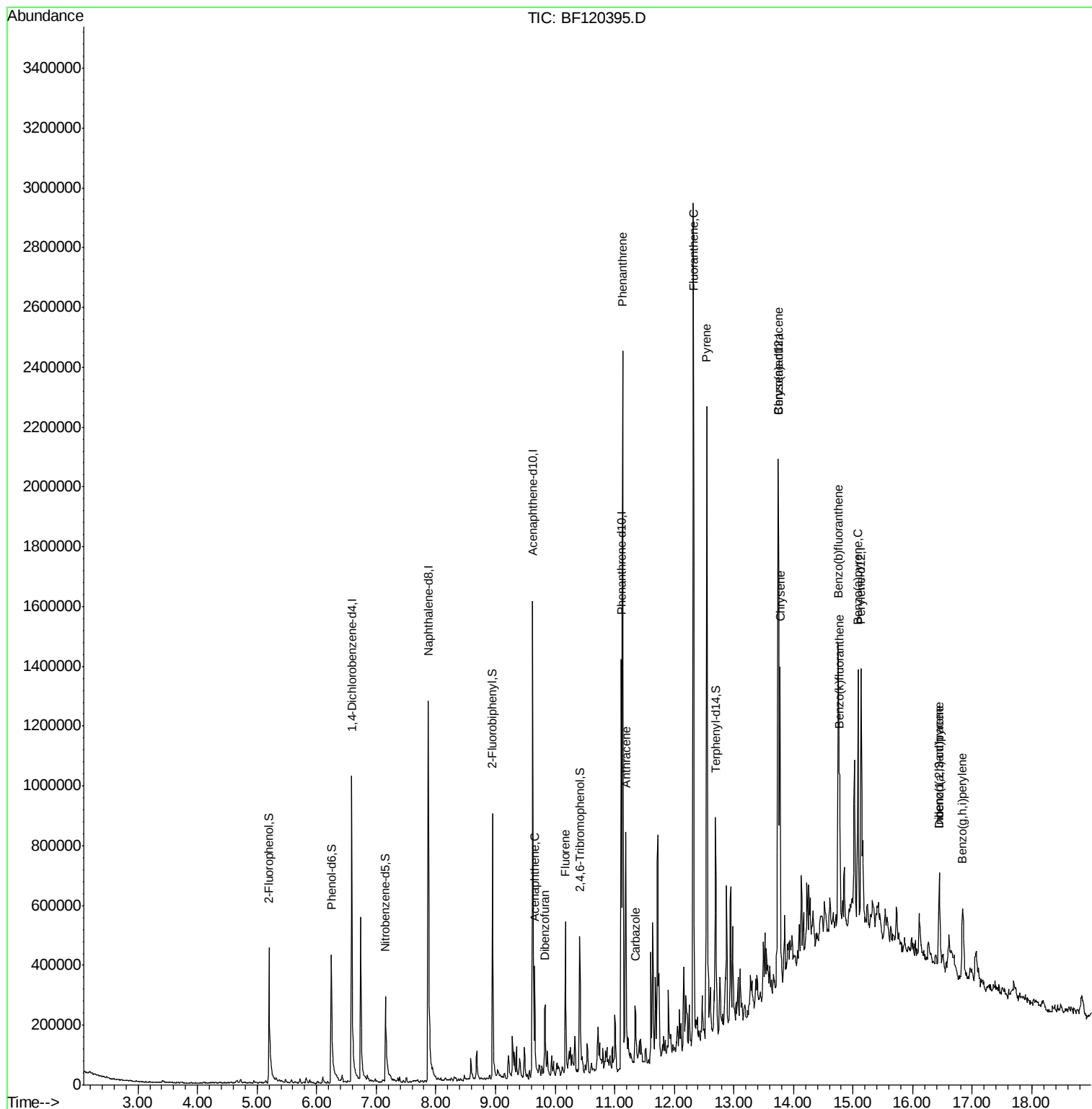
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\  
Data File : BF120395.D  
Acq On : 21 May 2020 21:44  
Operator : MA/SJ  
Sample : L2497-05 5X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

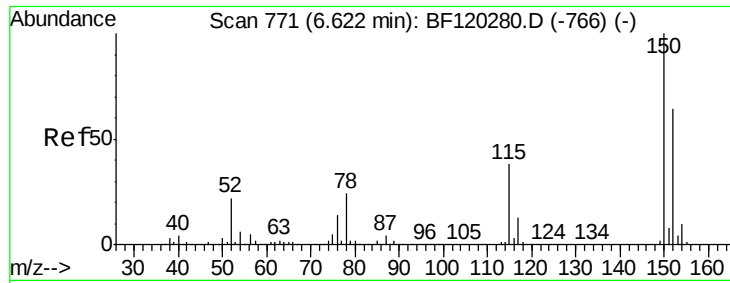
Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-051920

Quant Time: May 22 02:53:36 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 21 14:56:56 2020  
Response via : Initial Calibration

Manual Integrations  
APPROVED

mohammad  
5/22/2020 2:56:02 PM





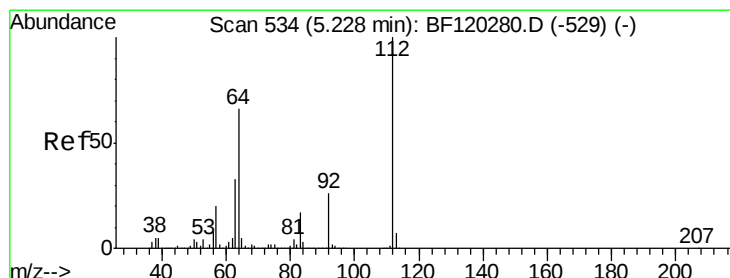
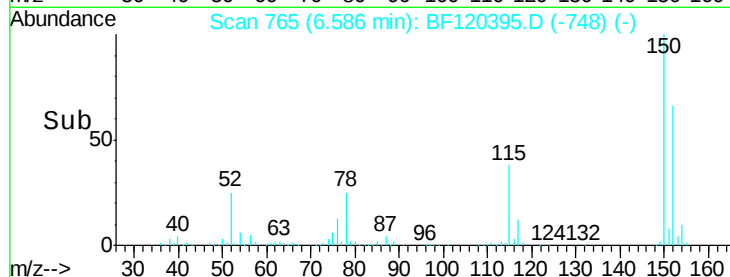
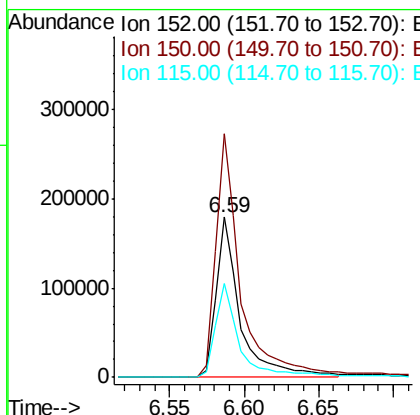
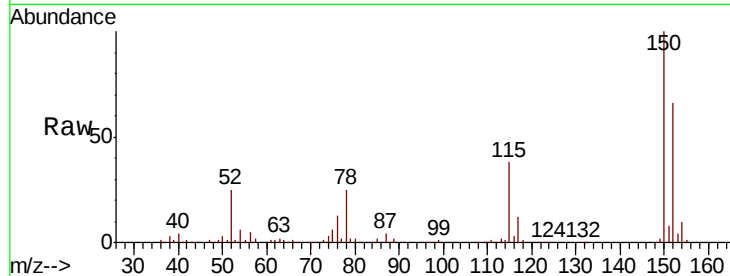
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.59 min Scan# 765  
 Delta R.T. -0.00 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.3 | 126.2 | 189.2 |
| 115     | 58.4  | 47.9  | 71.9  |

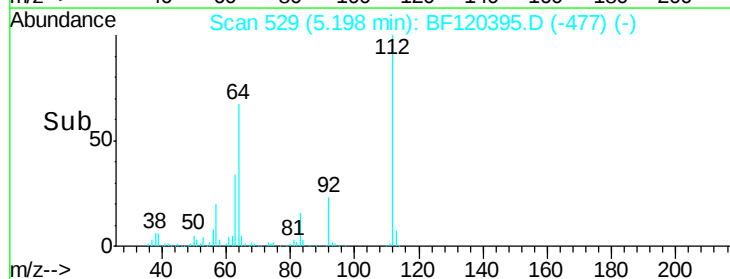
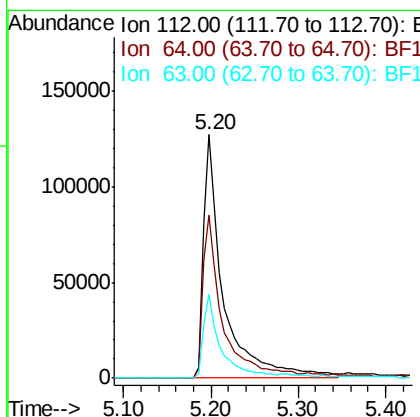
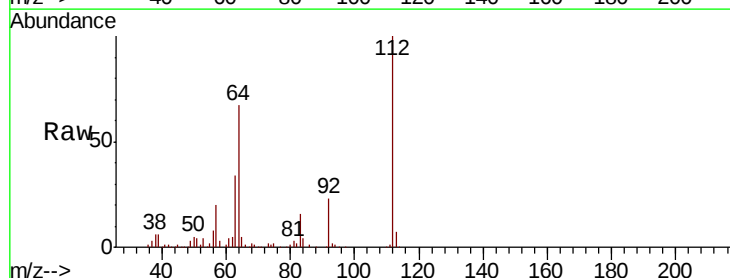
Manual Integrations  
 APPROVED

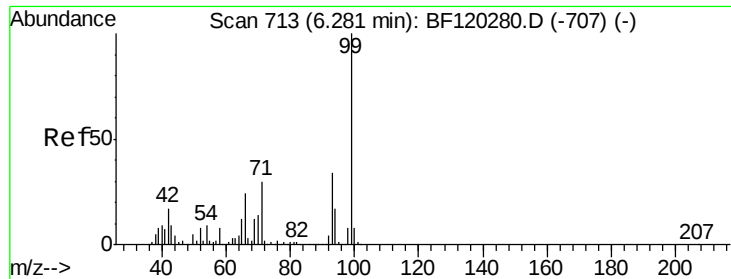
mohammad  
 5/22/2020 2:56:02 PM



#5  
 2-Fluorophenol  
 Concen: 19.422 ng  
 RT: 5.20 min Scan# 529  
 Delta R.T. 0.01 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 67.1  | 52.7  | 79.1  |
| 63      | 34.3  | 26.2  | 39.4  |





#7

Phenol-d6

Concen: 21.767 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF120395.D

Acq: 21 May 2020 21:44

Instrument :

BNA\_F

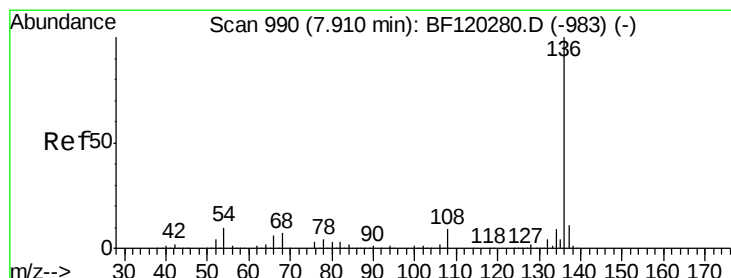
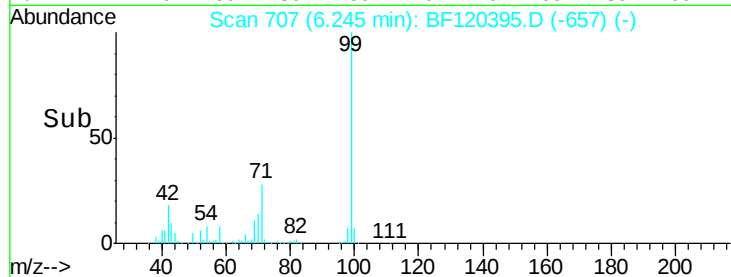
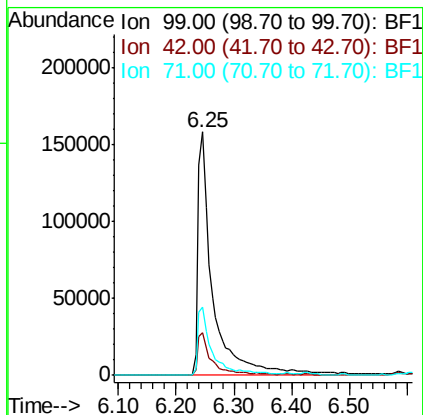
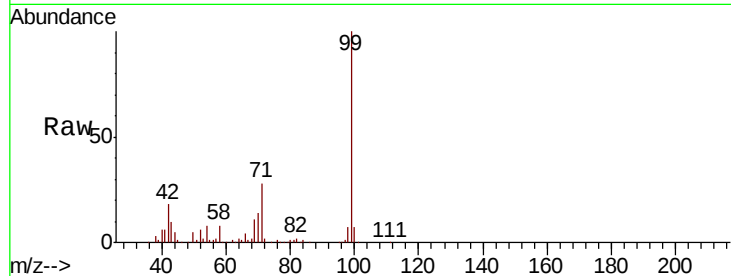
ClientSampleId :

HD-02-051920

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 285687 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.8  | 13.6  | 20.4   |
| 71        | 28.3  | 24.2  | 36.4   |

Manual Integrations  
APPROVED

mohammad  
5/22/2020 2:56:02 PM



#21

Naphthalene-d8

Concen: 20.000 ng

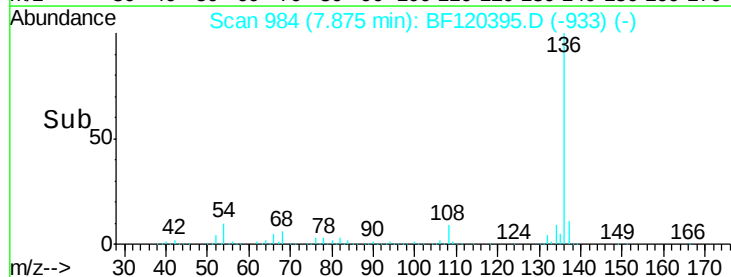
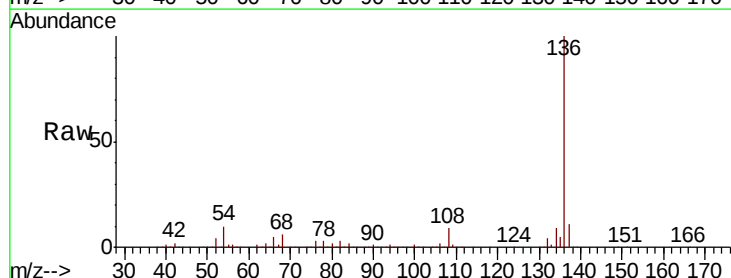
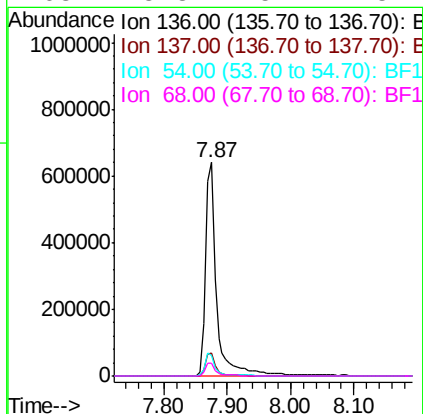
RT: 7.87 min Scan# 984

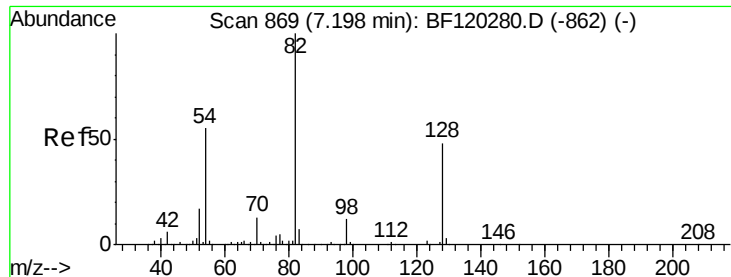
Delta R.T. -0.00 min

Lab File: BF120395.D

Acq: 21 May 2020 21:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 780197 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 9.1   | 13.7   |
| 54        | 9.7   | 7.9   | 11.9   |
| 68        | 5.8   | 5.4   | 8.2    |





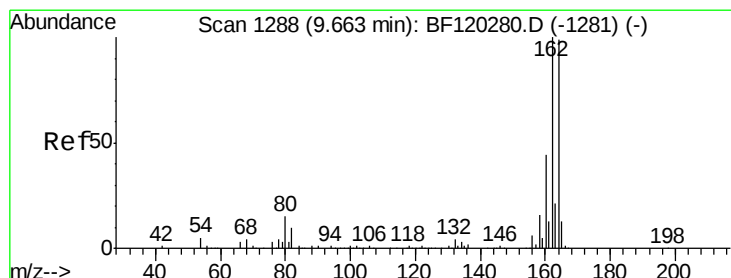
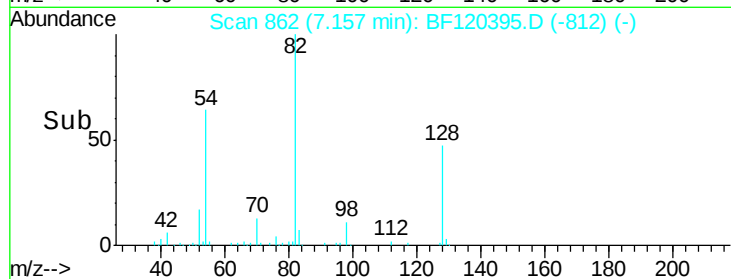
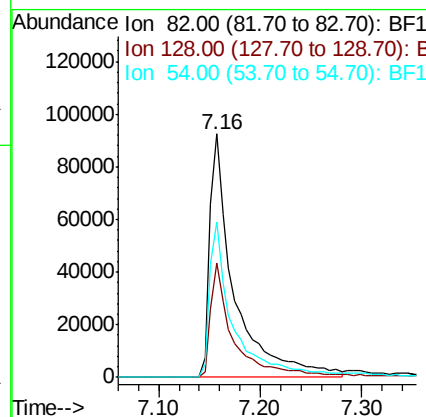
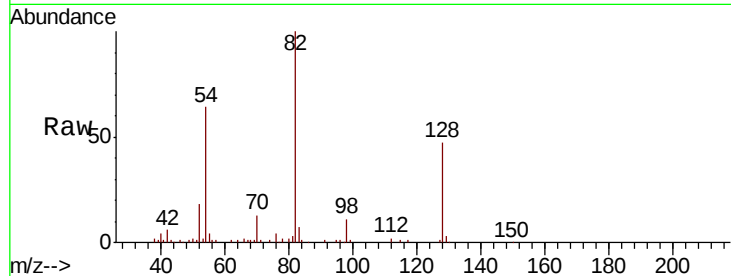
#23  
Nitrobenzene-d5  
Concen: 13.651 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.9  | 38.3  | 57.5  |
| 54      | 63.6  | 43.9  | 65.9  |

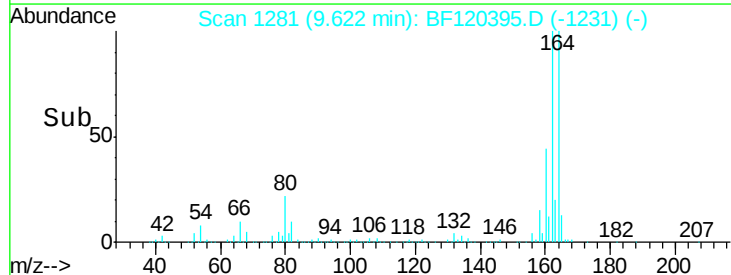
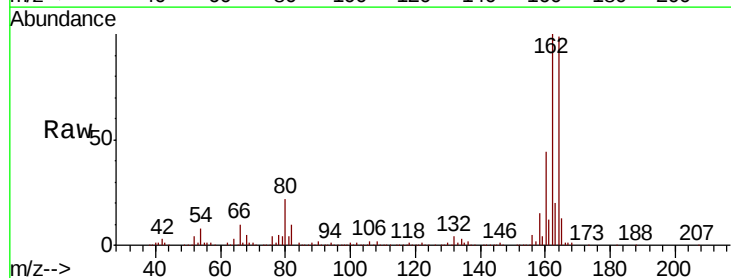
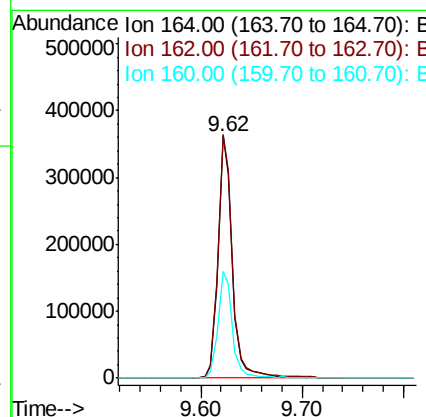
Manual Integrations  
APPROVED

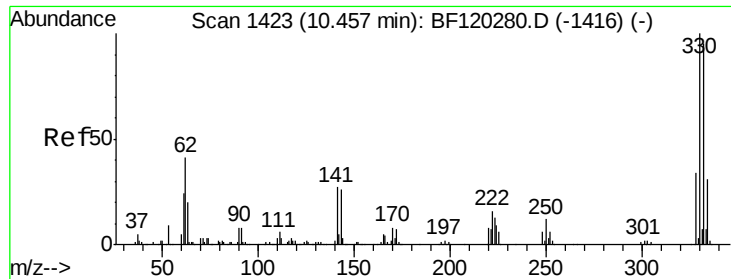
mohammad  
5/22/2020 2:56:02 PM



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.01 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.5 | 81.2  | 121.8 |
| 160     | 43.9  | 35.8  | 53.6  |





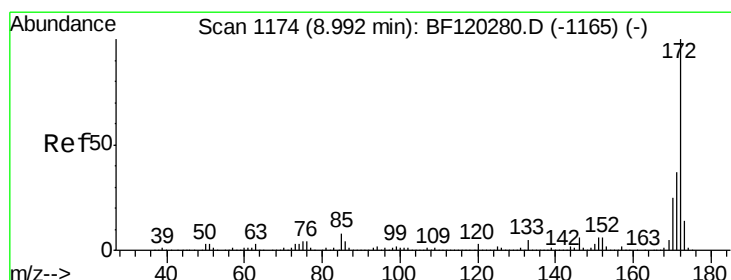
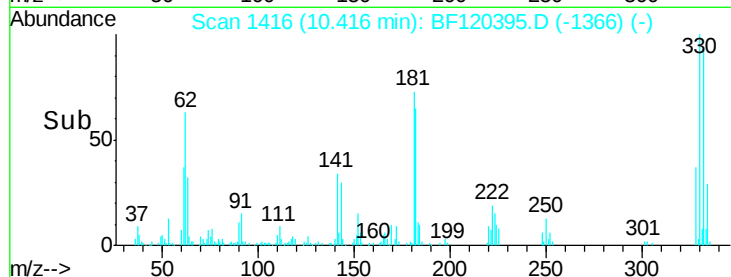
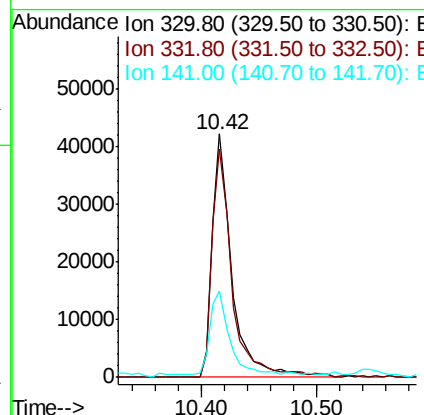
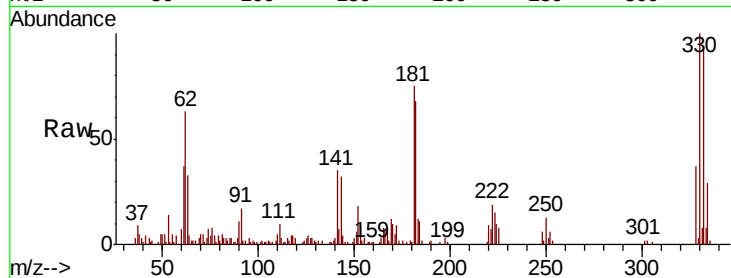
#42  
 2,4,6-Tribromophenol  
 Concen: 17.304 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.01 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.4  | 76.5  | 114.7 |
| 141     | 35.2  | 25.4  | 38.0  |

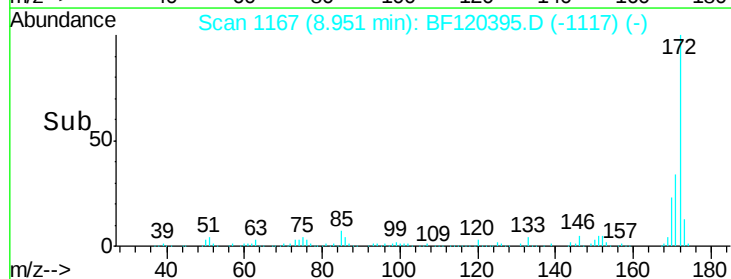
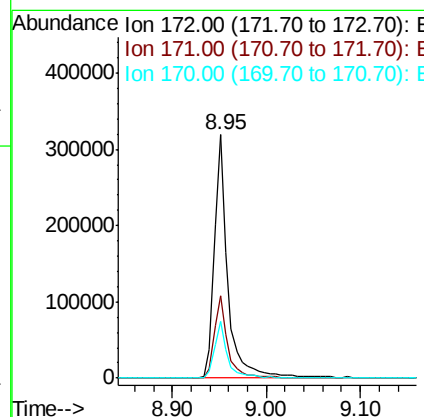
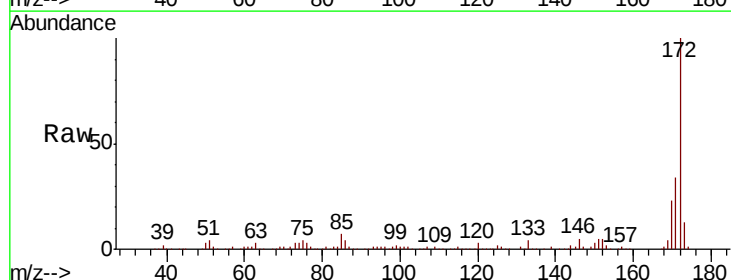
Manual Integrations  
 APPROVED

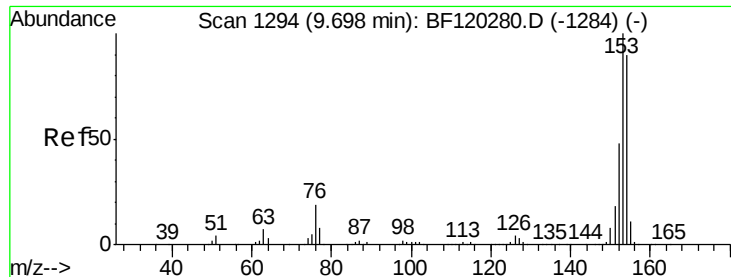
mohammad  
 5/22/2020 2:56:02 PM



#45  
 2-Fluorobiphenyl  
 Concen: 18.989 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. -0.01 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.9  | 29.7  | 44.5  |
| 170     | 23.5  | 19.9  | 29.9  |





#52

Acenaphthene

Concen: 4.624 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120395.D

Acq: 21 May 2020 21:44

Instrument :

BNA\_F

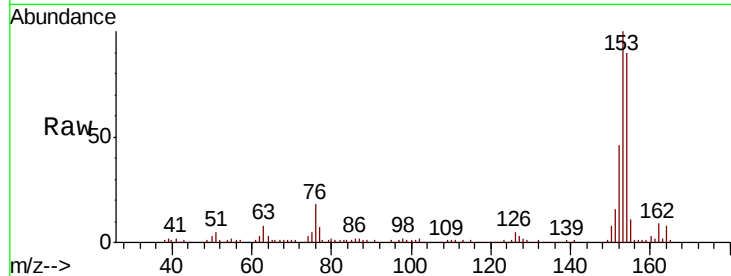
ClientSampleId :

HD-02-051920

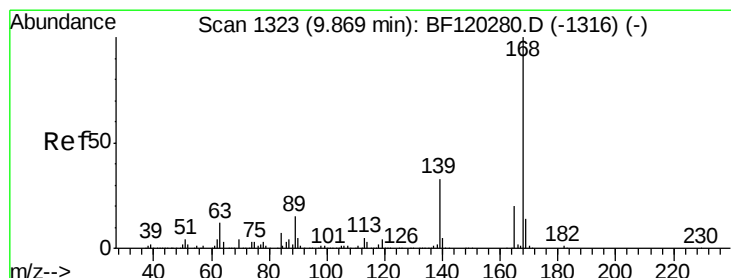
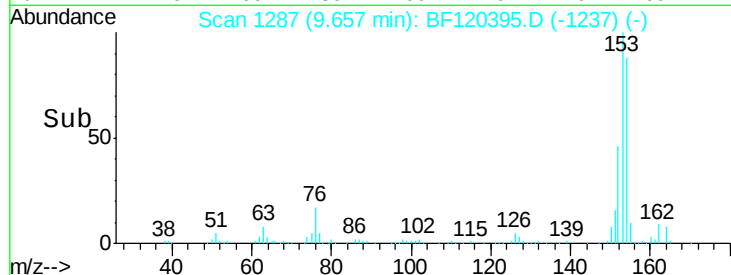
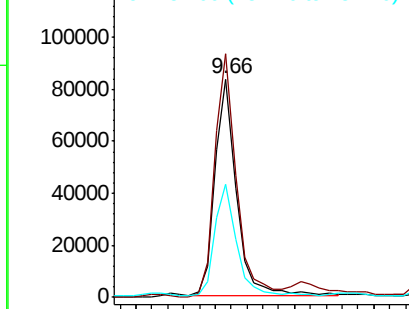
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 79152 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 111.6 | 89.0  | 133.4 |
| 152       | 51.8  | 42.6  | 64.0  |

Manual Integrations  
APPROVED

mohammad  
5/22/2020 2:56:02 PM



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 4.108 ng

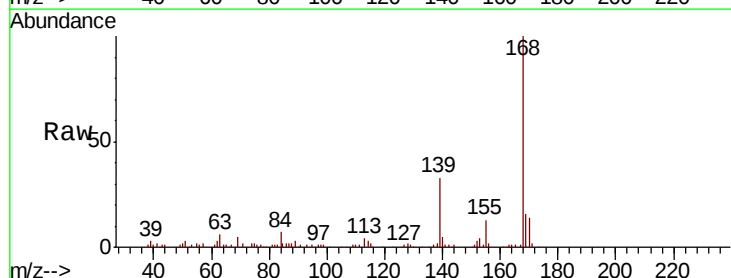
RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

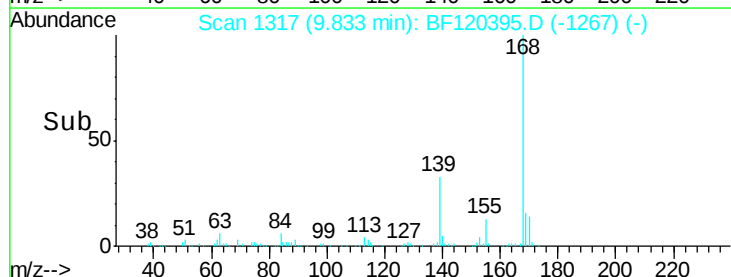
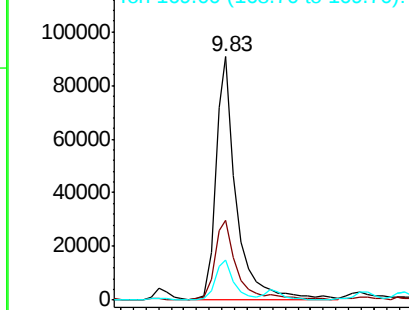
Lab File: BF120395.D

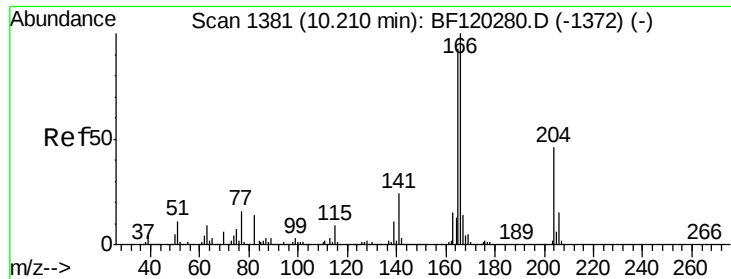
Acq: 21 May 2020 21:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 168   | Resp: | 101266 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 32.9  | 29.8  | 44.6   |
| 169       | 16.2  | 11.0  | 16.6   |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





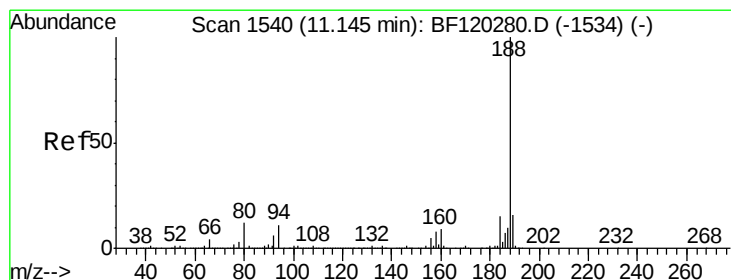
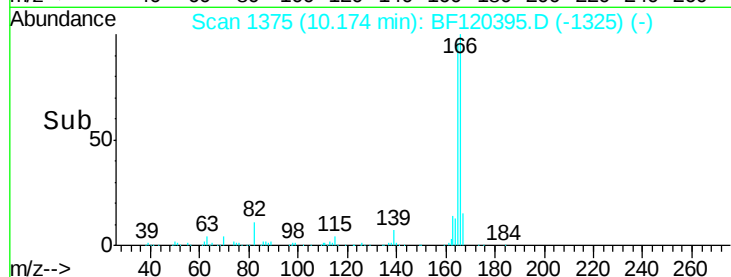
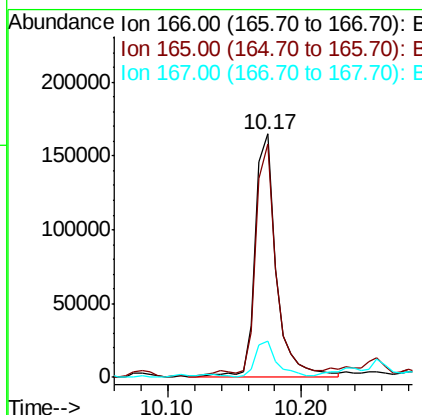
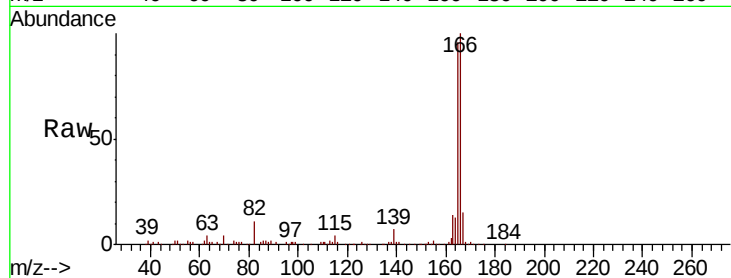
#58  
**Fluorene**  
 Concen: 9.302 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-051920

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 174639 |       |       |
| 165     | 95.9 | 74.7  | 112.1  |       |       |
| 167     | 14.8 | 11.4  | 17.0   |       |       |

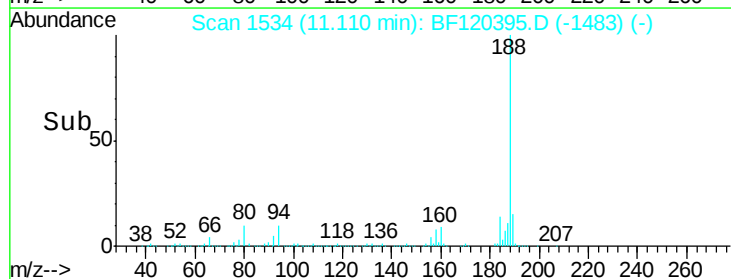
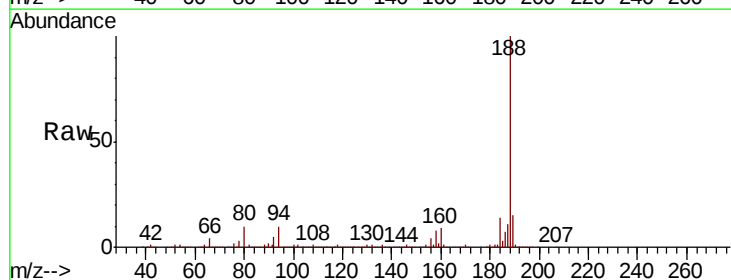
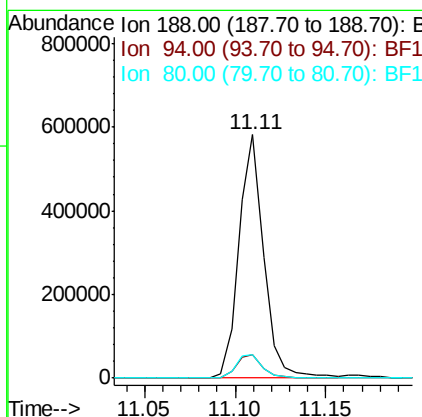
Manual Integrations  
 APPROVED

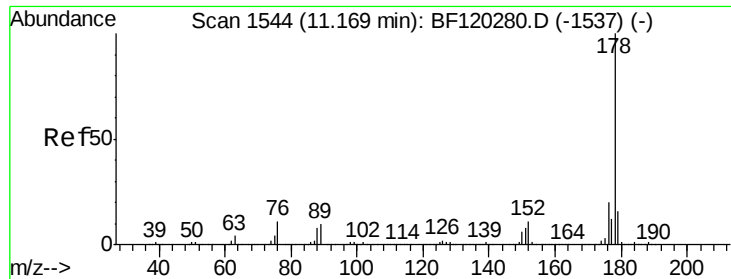
mohammad  
 5/22/2020 2:56:02 PM



#64  
**Phenanthrene-d10**  
 Concen: 20.000 ng  
 RT: 11.11 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 553680 |       |       |
| 94      | 9.6 | 8.6   | 13.0   |       |       |
| 80      | 9.5 | 9.2   | 13.8   |       |       |





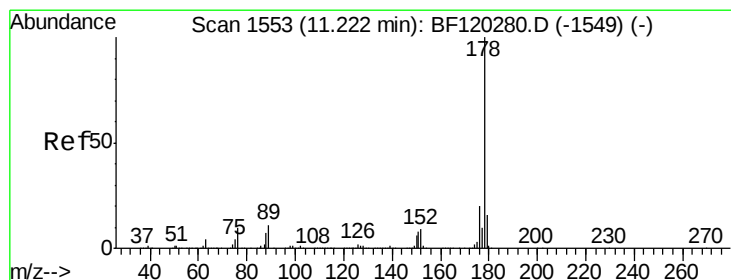
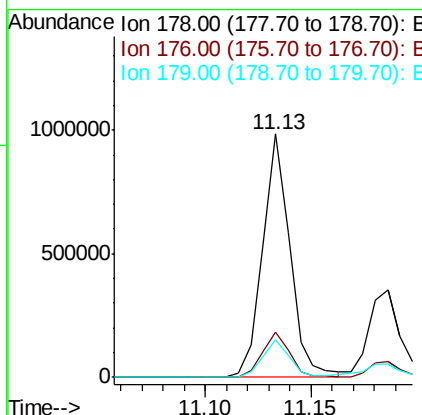
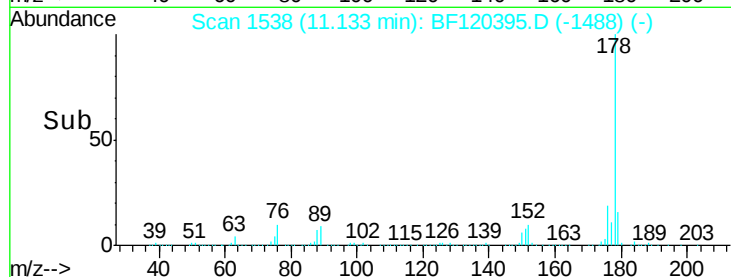
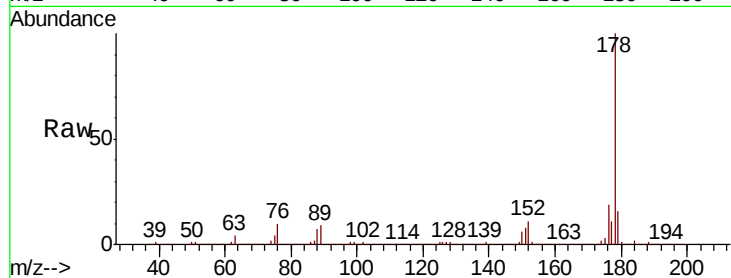
#71  
Phenanthrene  
Concen: 38.326 ng  
RT: 11.13 min Scan# 1538  
Delta R.T. -0.01 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.8  | 23.8  |
| 179     | 15.7  | 12.8  | 19.2  |

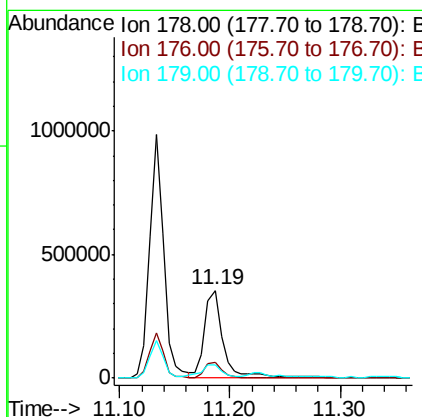
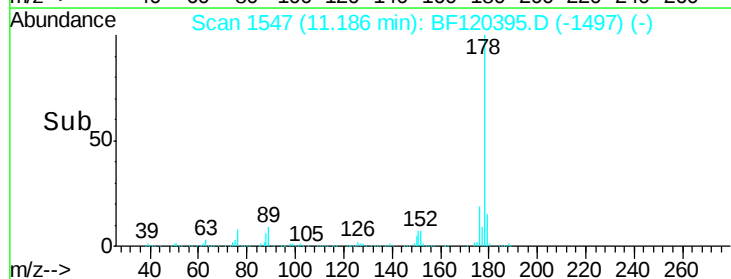
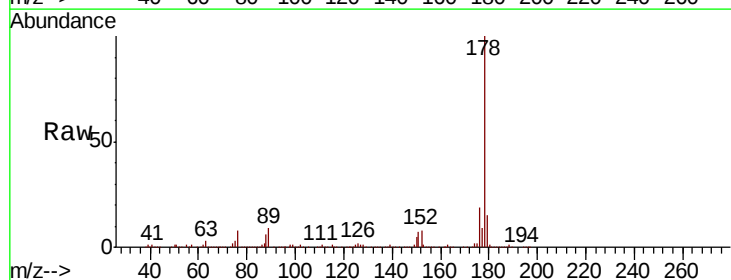
Manual Integrations  
APPROVED

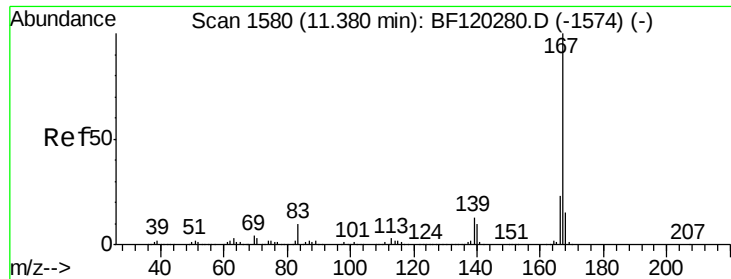
mohammad  
5/22/2020 2:56:02 PM



#72  
Anthracene  
Concen: 16.263 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. -0.01 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.7  | 23.5  |
| 179     | 15.4  | 13.0  | 19.6  |





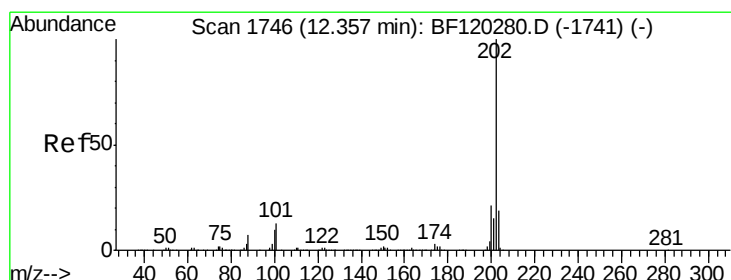
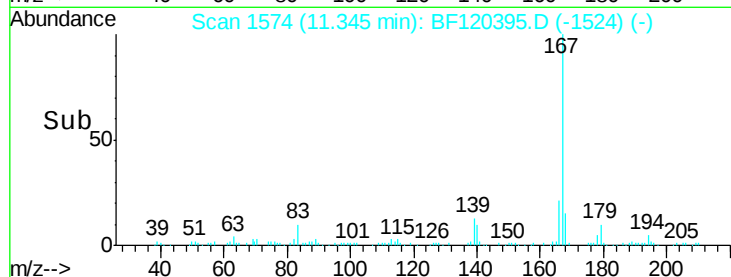
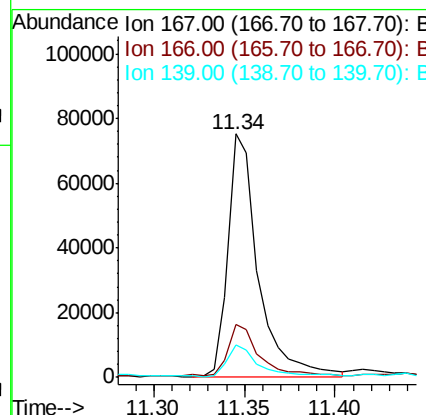
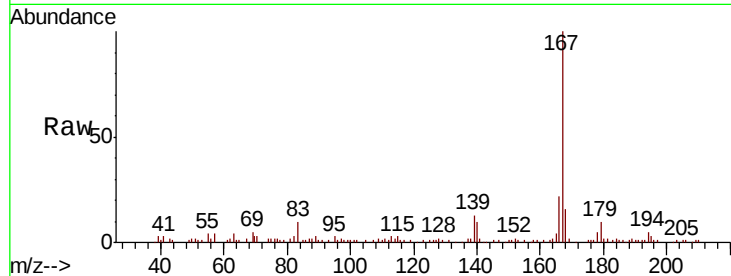
#73  
 Carbazole  
 Concen: 3.786 ng  
 RT: 11.34 min Scan# 1574  
 Delta R.T. -0.01 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-051920

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 167   | Resp: | 88113 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 21.8  | 18.1  | 27.1  |
| 139       | 13.3  | 10.6  | 15.8  |

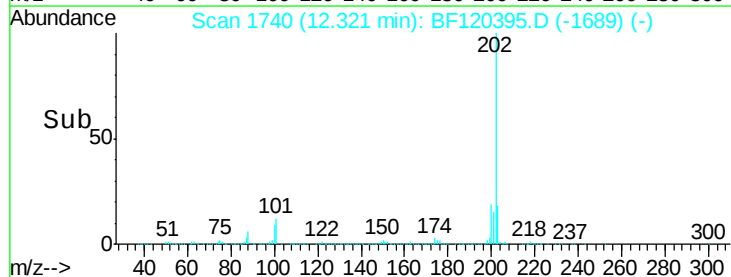
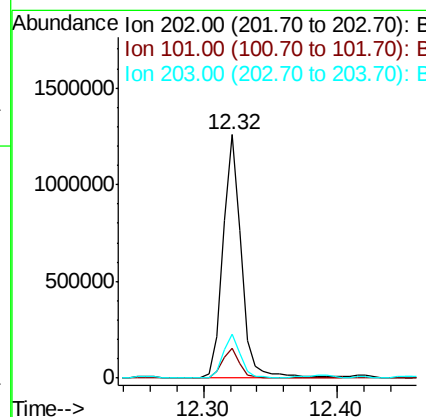
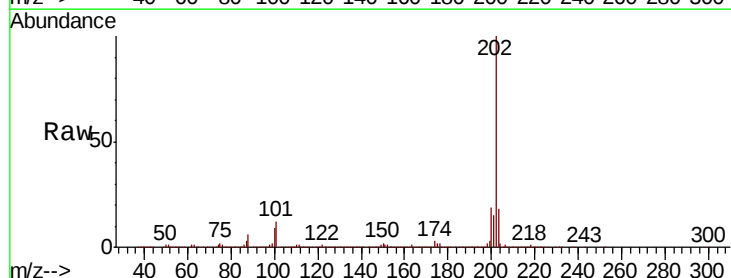
Manual Integrations  
 APPROVED

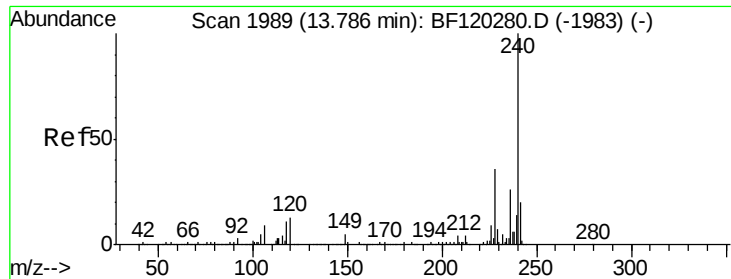
mohammad  
 5/22/2020 2:56:02 PM



#75  
 Fluoranthene  
 Concen: 49.118 ng  
 RT: 12.32 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1224842 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.2  | 0.0   | 33.2    |
| 203       | 17.8  | 0.0   | 39.1    |





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BF120395.D

Acq: 21 May 2020 21:44

Instrument :

BNA\_F

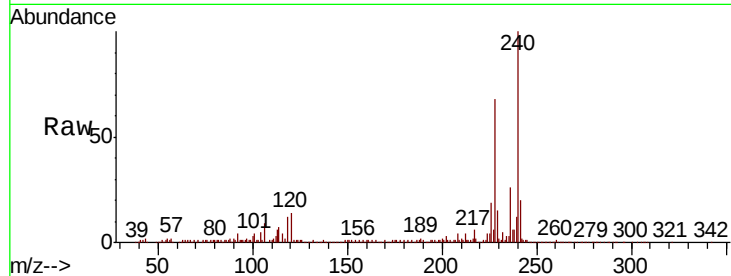
ClientSampleId :

HD-02-051920

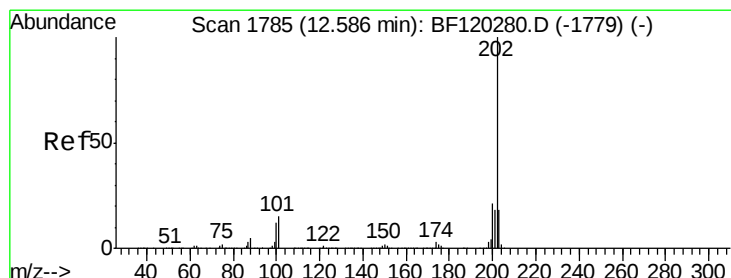
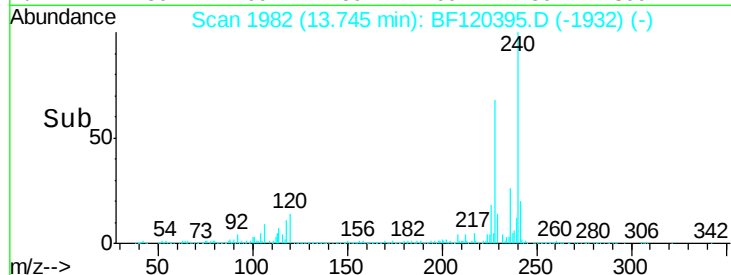
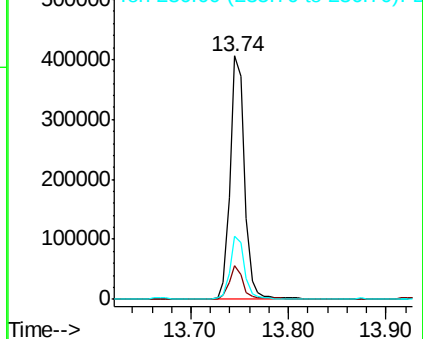
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 414658 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.9  | 10.4  | 15.6   |
| 236       | 25.7  | 21.0  | 31.6   |

Manual Integrations  
APPROVED

mohammad  
5/22/2020 2:56:02 PM



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 36.067 ng

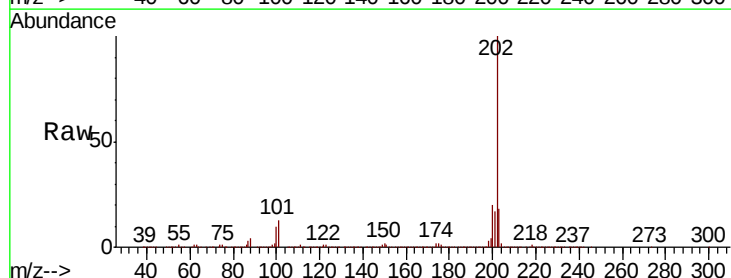
RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

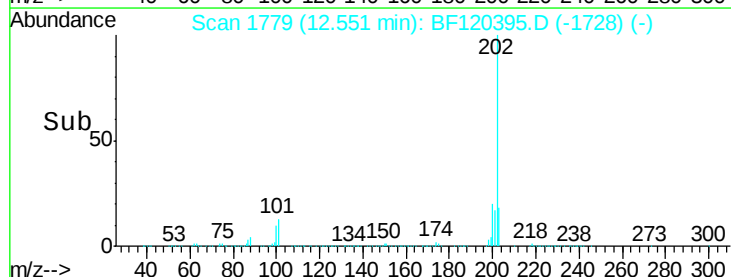
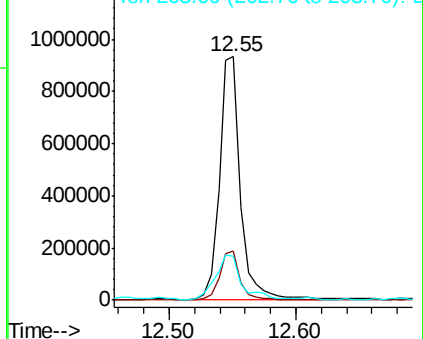
Lab File: BF120395.D

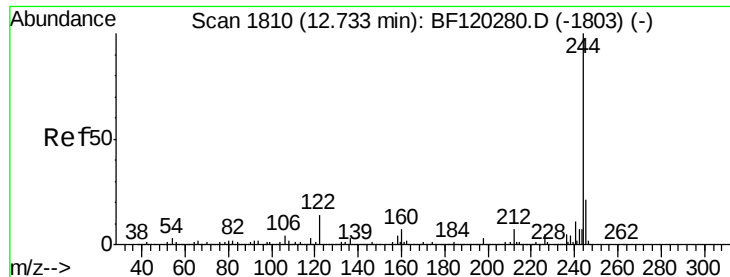
Acq: 21 May 2020 21:44

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1066185 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 19.9  | 16.6  | 25.0    |
| 203       | 18.2  | 14.6  | 22.0    |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





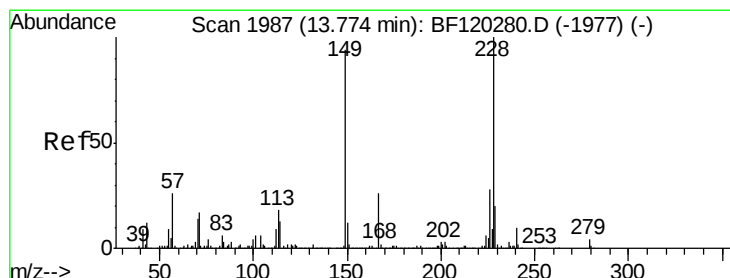
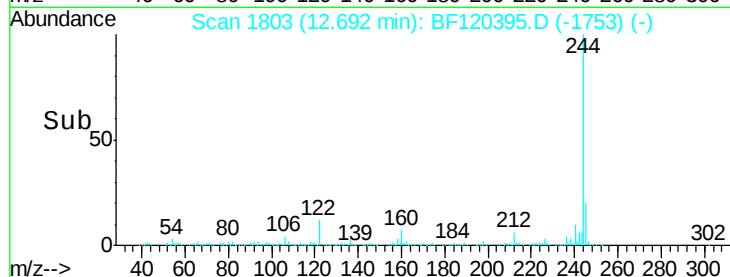
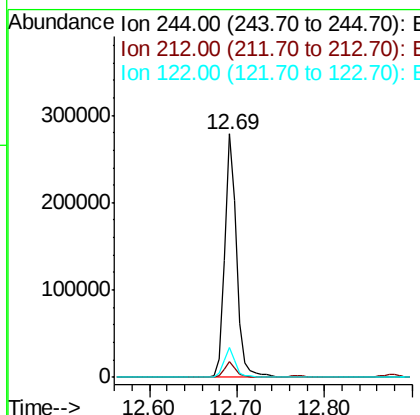
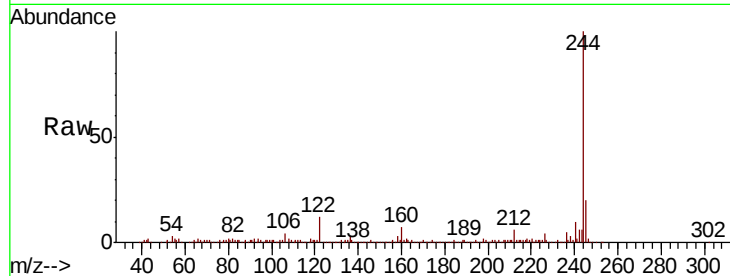
#79  
 Terphenyl-d14  
 Concen: 14.031 ng  
 RT: 12.69 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.2   | 5.8   | 8.6   |
| 122     | 12.1  | 10.8  | 16.2  |

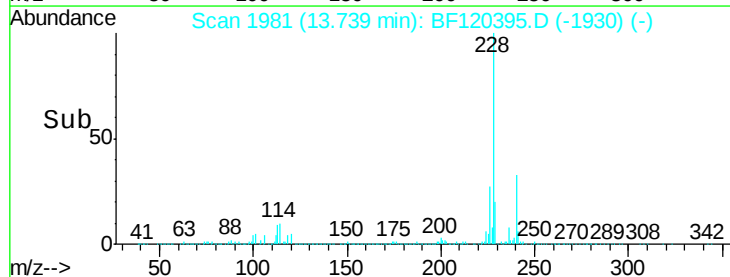
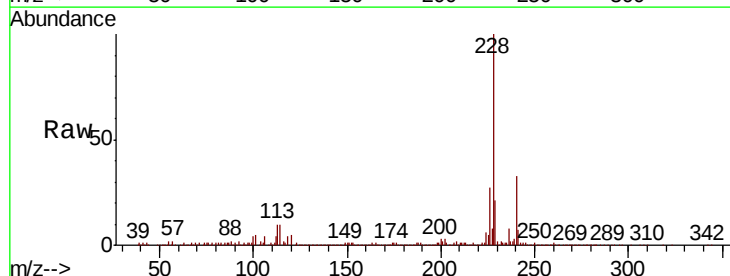
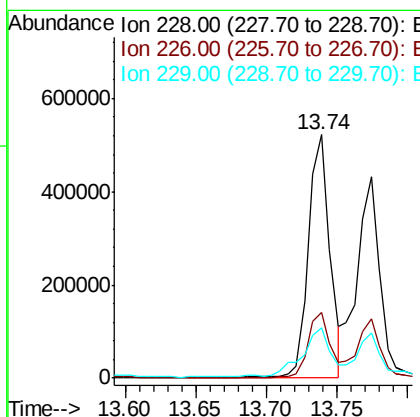
Manual Integrations  
 APPROVED

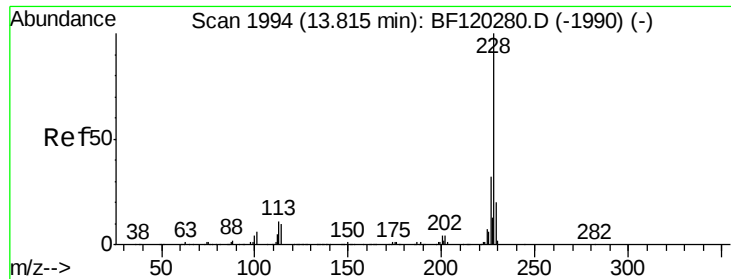
mohammad  
 5/22/2020 2:56:02 PM



#81  
 Benzo(a)anthracene  
 Concen: 25.174 ng  
 RT: 13.74 min Scan# 1981  
 Delta R.T. 0.00 min  
 Lab File: BF120395.D  
 Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 22.6  | 33.8  |
| 229     | 20.6  | 16.4  | 24.6  |





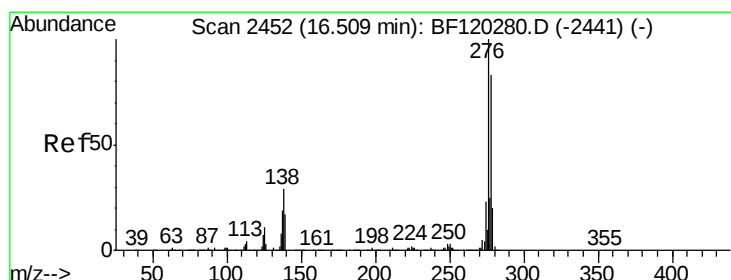
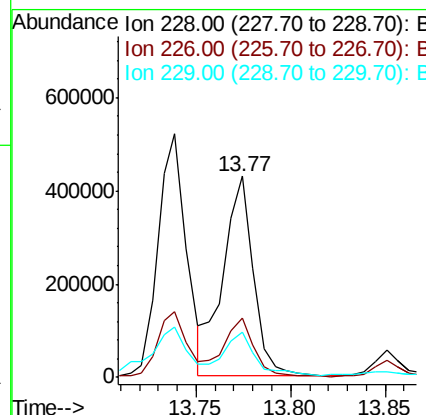
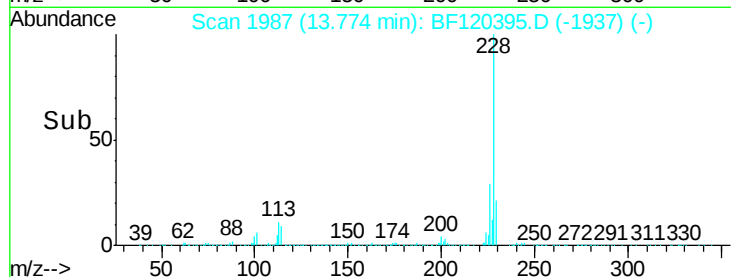
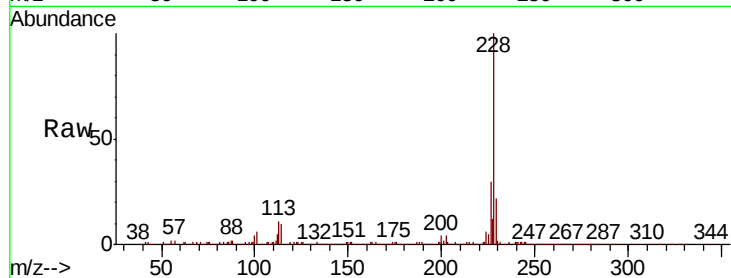
#83  
Chrysene  
Concen: 20.574 ng/ml  
RT: 13.77 min Scan# 1987  
Delta R.T. -0.01 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.6  | 25.0  | 37.6  |
| 229     | 22.3  | 16.2  | 24.4  |

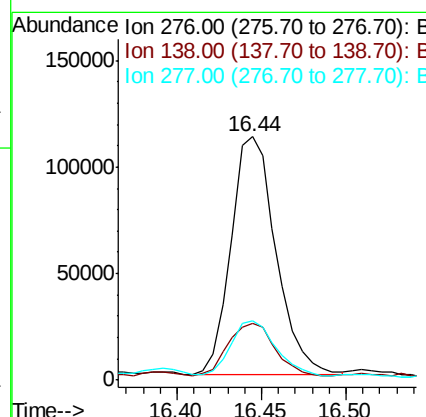
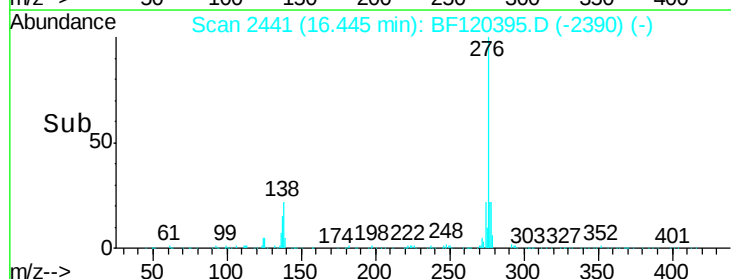
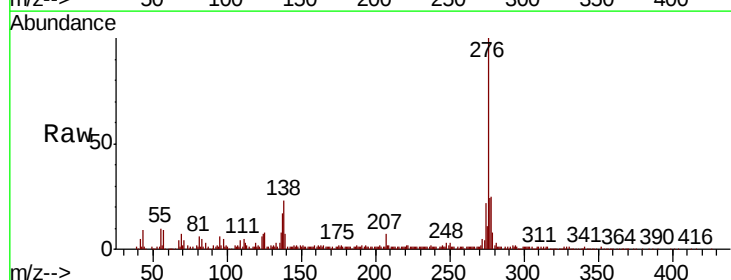
Manual Integrations  
APPROVED

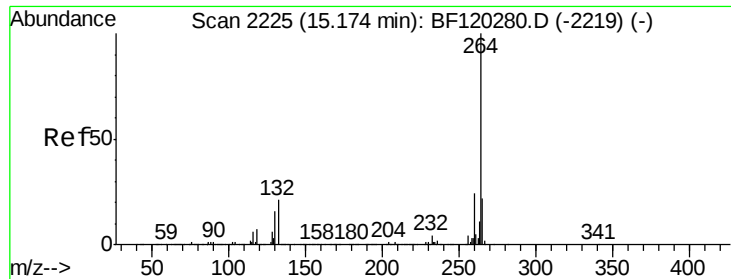
mohammad  
5/22/2020 2:56:02 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 9.693 ng  
RT: 16.44 min Scan# 2441  
Delta R.T. -0.00 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.7  | 23.3  | 34.9  |
| 277     | 23.7  | 20.2  | 30.4  |





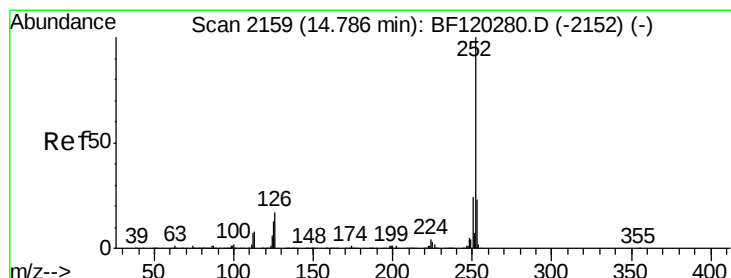
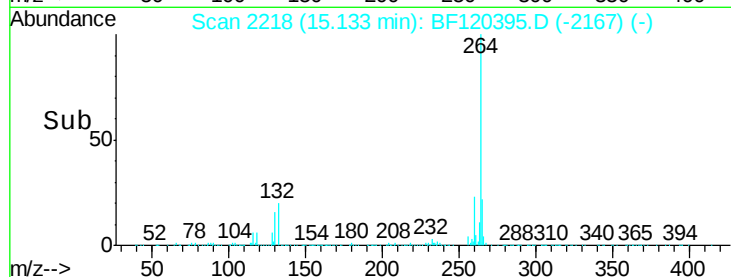
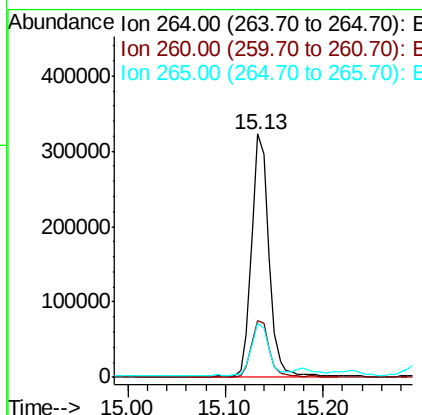
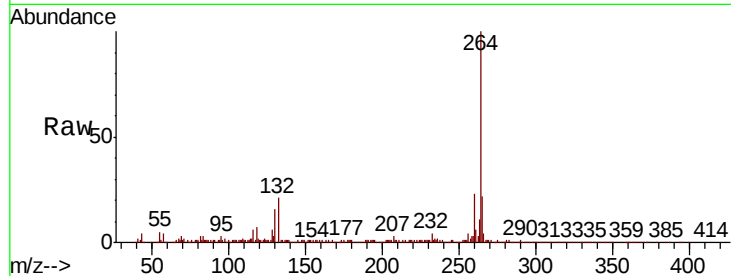
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.13 min Scan# 2218  
Delta R.T. -0.00 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 19.0  | 28.6  |
| 265     | 22.4  | 17.5  | 26.3  |

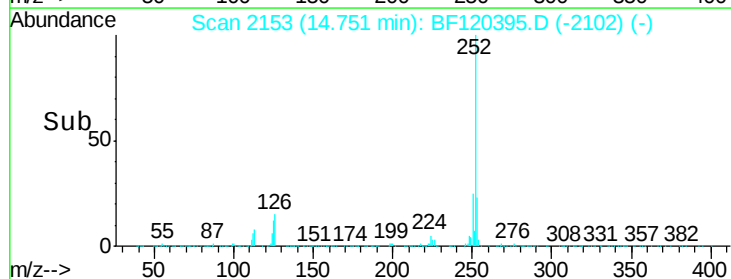
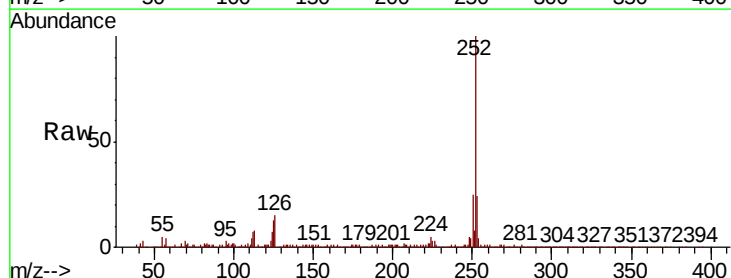
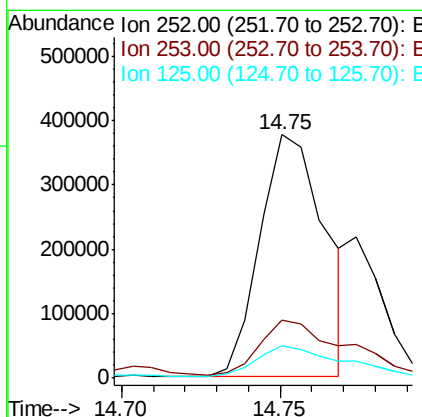
Manual Integrations  
APPROVED

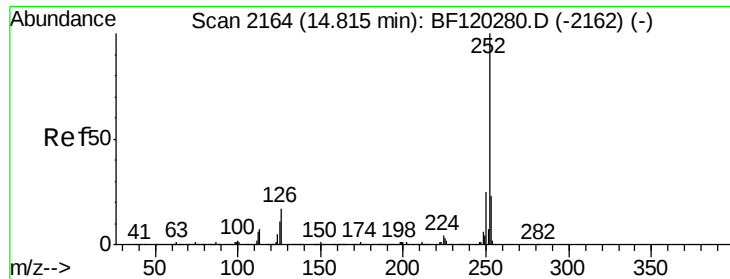
mohammad  
5/22/2020 2:56:02 PM



#88  
Benzo(b)fluoranthene  
Concen: 24.292 ng m  
RT: 14.75 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 18.1  | 27.1  |
| 125     | 13.2  | 10.4  | 15.6  |





#89

Benzo(k)fluoranthene

Concen: 8.469 ng

RT: 14.77 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF120395.D

Acq: 21 May 2020 21:44

Instrument :

BNA\_F

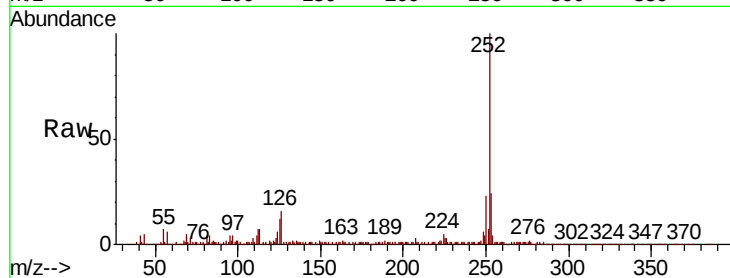
ClientSampleId :

HD-02-051920

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 162778 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.9  | 18.2  | 27.2   |
| 125       | 12.5  | 9.9   | 14.9   |

Manual Integrations  
APPROVED

mohammad  
5/22/2020 2:56:02 PM

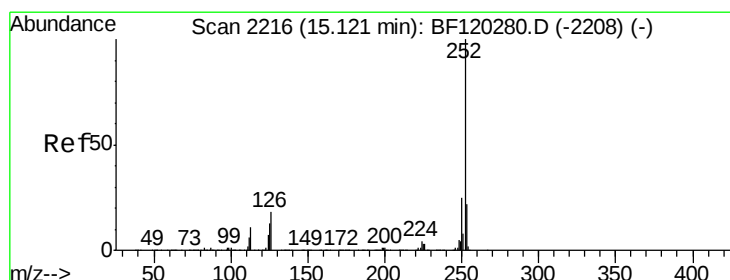
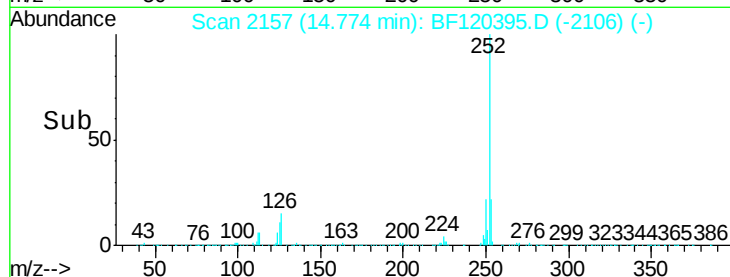
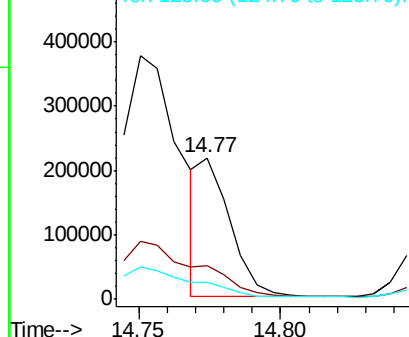


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 20.326 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BF120395.D

Acq: 21 May 2020 21:44

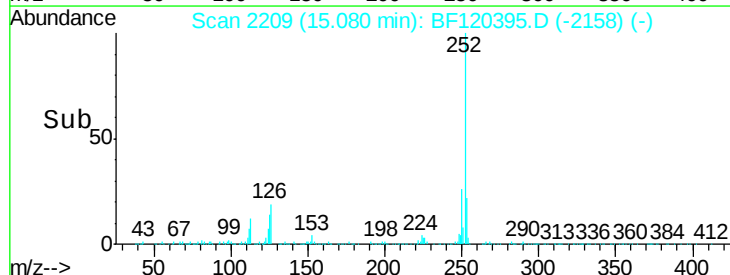
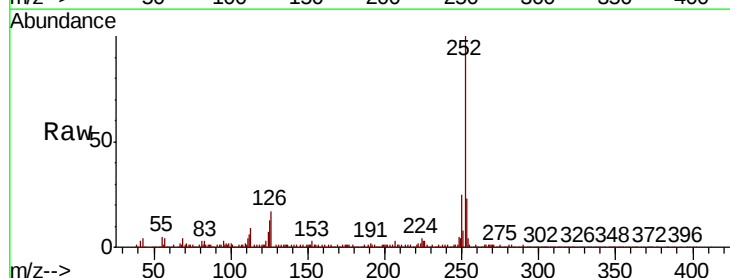
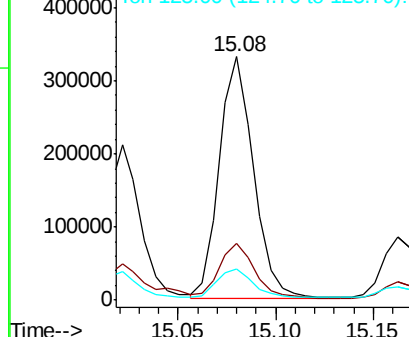
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 404380 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.3  | 17.6  | 26.4   |
| 125       | 12.9  | 10.6  | 16.0   |

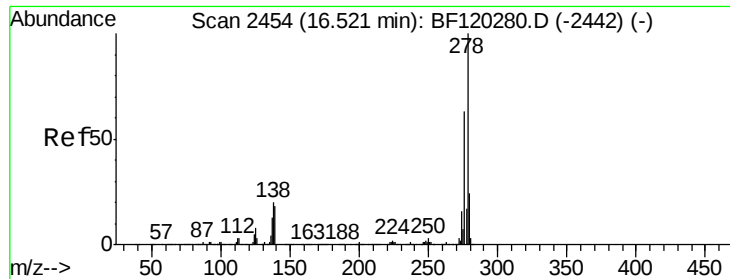
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





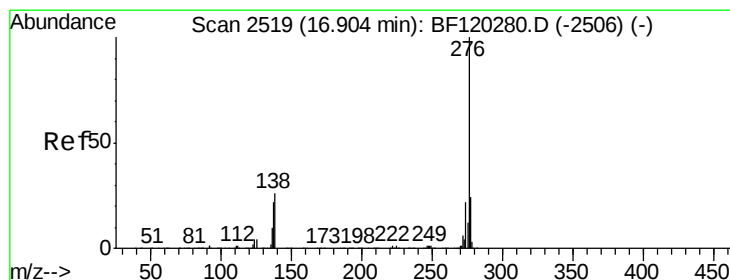
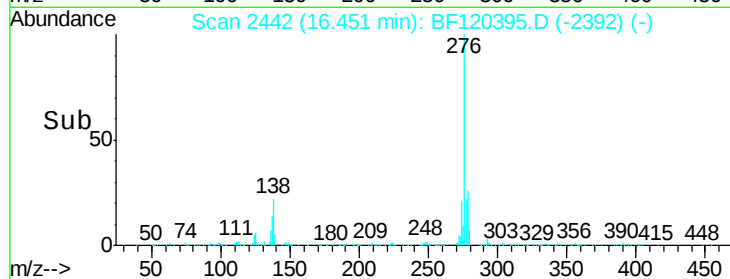
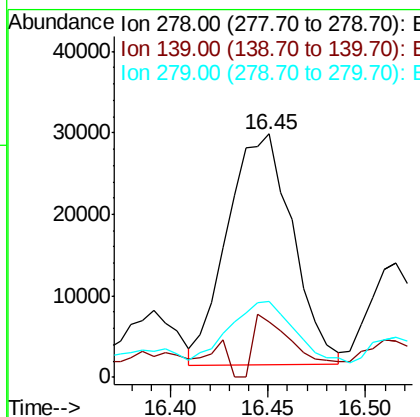
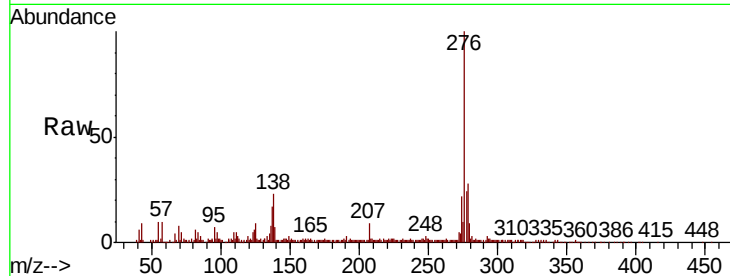
#91  
Dibenzo(a,h)anthracene  
Concen: 3.716 ng  
RT: 16.45 min Scan# 2442  
Delta R.T. -0.01 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

Instrument :  
BNA\_F  
ClientSampleId :  
HD-02-051920

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 23.0  | 14.7  | 22.1# |
| 279     | 31.1  | 19.2  | 28.8# |

Manual Integrations  
APPROVED

mohammad  
5/22/2020 2:56:02 PM



#92  
Benzo(g,h,i)perylene  
Concen: 10.829 ng  
RT: 16.84 min Scan# 2508  
Delta R.T. 0.01 min  
Lab File: BF120395.D  
Acq: 21 May 2020 21:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 19.1  | 28.7  |
| 138     | 25.9  | 20.8  | 31.2  |

