

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\  
 Data File : BN010155.D  
 Acq On : 09 Mar 2020 21:07  
 Operator : CG/JU  
 Sample : L1842-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE108D1-20200304

Manual Integrations  
 APPROVED

mohammad  
 3/10/2020 2:45:54 PM

Quant Time: Mar 10 10:56:00 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 19 15:57:43 2020

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 680      | 0.40 | ng    | -0.03    |
| 7) Naphthalene-d8         | 10.16 | 136  | 2200     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.01 | 164  | 1642     | 0.40 | ng    | -0.04    |
| 19) Phenanthrene-d10      | 16.79 | 188  | 3344     | 0.40 | ng    | -0.02    |
| 27) Chrysene-d12          | 21.00 | 240  | 3495     | 0.40 | ng    | -0.03    |
| 34) Perylene-d12          | 23.10 | 264  | 3720     | 0.40 | ng    | -0.05    |

#### System Monitoring Compounds

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| 4) 2-Fluorophenol           | 5.06  | 112 | 278  | 0.18 | ng | -0.02 |
| 5) Phenol-d6                | 6.69  | 99  | 126m | 0.07 | ng | 0.04  |
| 8) Nitrobenzene-d5          | 8.66  | 82  | 813m | 0.44 | ng | 0.06  |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152 | 1404 | 0.33 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.56 | 330 | 303  | 0.48 | ng | -0.02 |
| 15) 2-Fluorobiphenyl        | 12.65 | 172 | 2265 | 0.37 | ng | -0.03 |
| 25) Fluoranthene-d10        | 18.83 | 212 | 4105 | 0.35 | ng | -0.03 |
| 29) Terphenyl-d14           | 19.43 | 244 | 3935 | 0.47 | ng | -0.04 |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.04  | 88  | 3234m | 4.644 | ng |        |
| 9) Naphthalene                 | 10.22 | 128 | 285   | 0.047 | ng | # 16   |
| 17) Acenaphthene               | 14.08 | 154 | 177   | 0.036 | ng | 90     |
| 18) Fluorene                   | 15.10 | 166 | 286   | 0.044 | ng | 98     |
| 23) Phenanthrene               | 16.84 | 178 | 954   | 0.096 | ng | 99     |
| 24) Anthracene                 | 16.94 | 178 | 281   | 0.033 | ng | # 90   |
| 26) Fluoranthene               | 18.85 | 202 | 437   | 0.037 | ng | # 90   |
| 28) Pyrene                     | 19.22 | 202 | 401   | 0.030 | ng | # 93   |
| 30) Benzo(a)anthracene         | 20.99 | 228 | 266   | 0.023 | ng | # 61   |
| 31) Chrysene                   | 21.05 | 228 | 396   | 0.030 | ng | # 69   |
| 32) Bis(2-ethylhexyl)phthalate | 20.92 | 149 | 1002  | 0.177 | ng | 100    |
| 35) Benzo(b)fluoranthene       | 22.49 | 252 | 568   | 0.042 | ng | # 1    |
| 36) Benzo(k)fluoranthene       | 22.54 | 252 | 416   | 0.028 | ng | # 1    |
| 38) Dibenzo(a,h)anthracene     | 25.18 | 278 | 261m  | 0.021 | ng |        |
| 39) Benzo(g,h,i)perylene       | 25.79 | 276 | 372   | 0.029 | ng | # 35   |

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

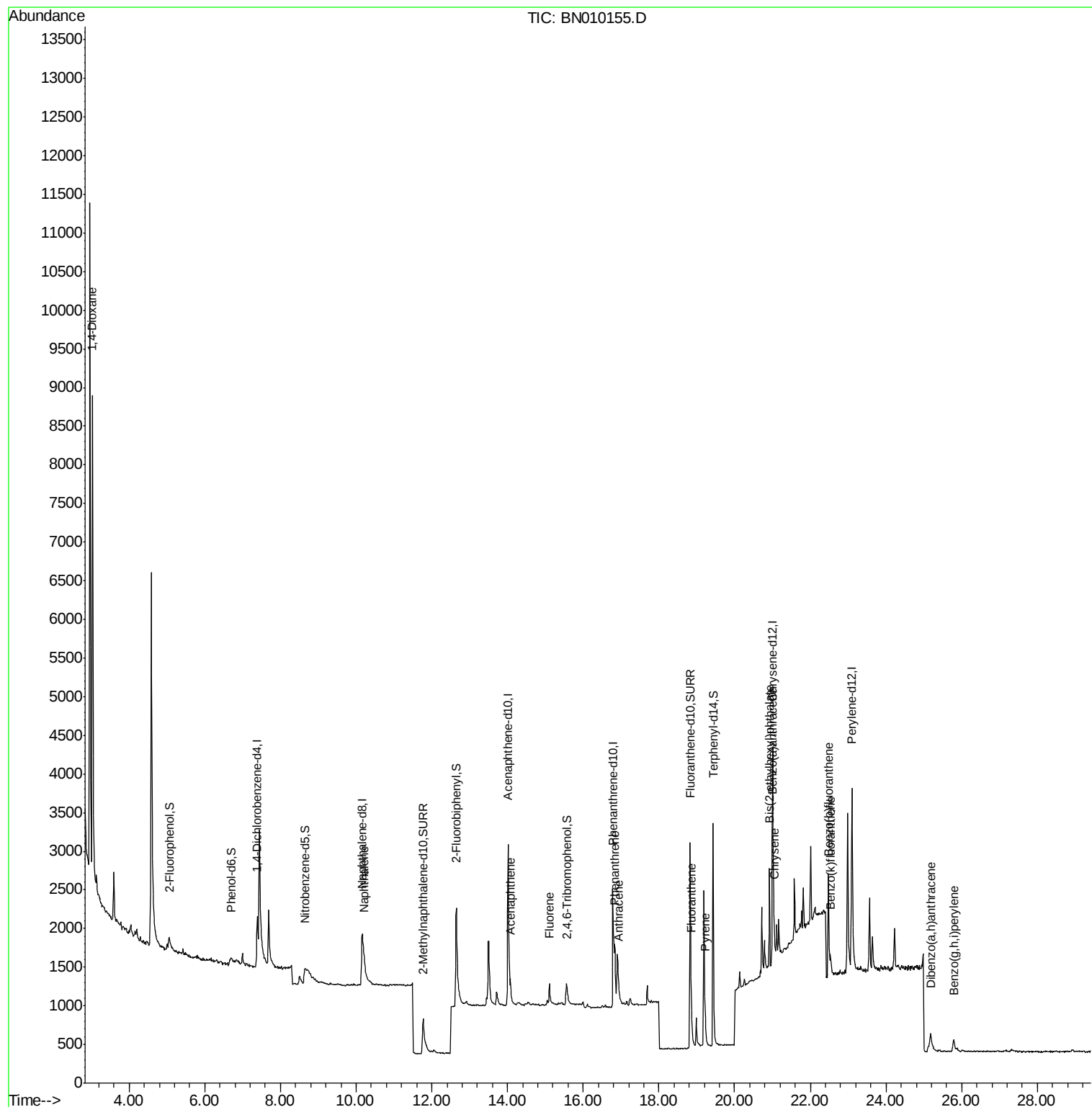
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\  
Data File : BN010155.D  
Acq On : 09 Mar 2020 21:07  
Operator : CG/JU  
Sample : L1842-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
RE108D1-20200304

Manual Integrations  
APPROVED

mohammad  
3/10/2020 2:45:54 PM

Quant Time: Mar 10 10:56:00 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 19 15:57:43 2020  
Response via : Initial Calibration





#1

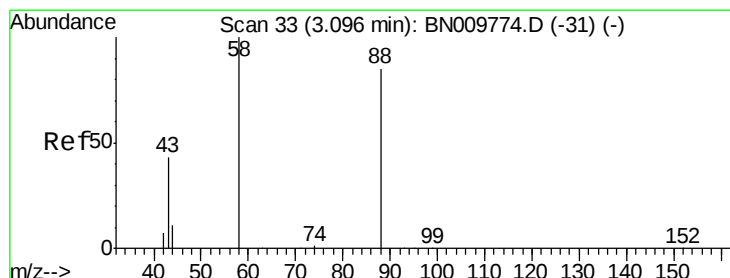
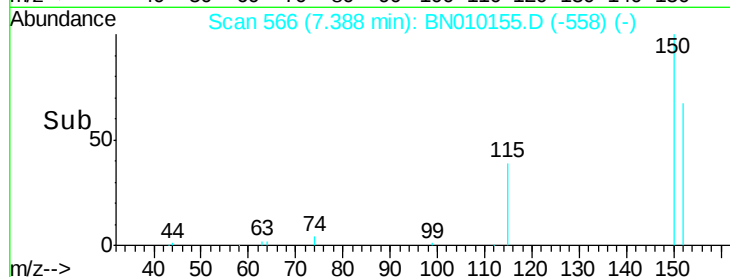
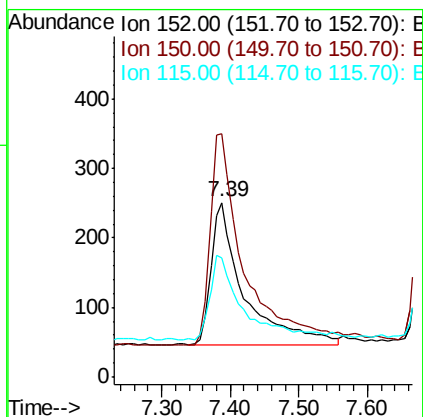
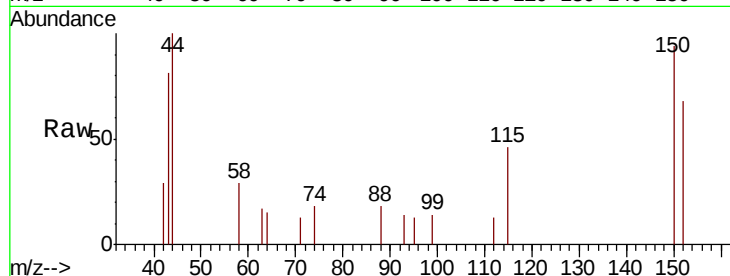
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.39 min Scan# 566  
Delta R.T. -0.03 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

Instrument :  
BNA\_N  
ClientSampleId :  
RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 139.4 | 120.6 | 181.0 |
| 115     | 68.1  | 51.2  | 76.8  |

Manual Integrations  
APPROVED

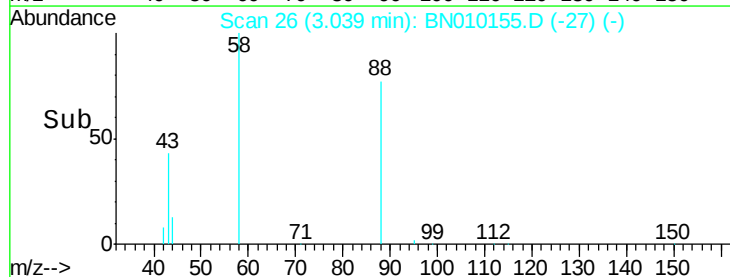
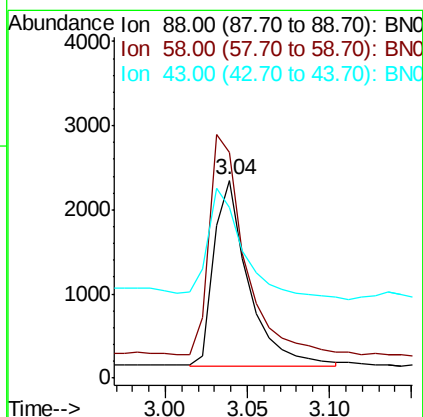
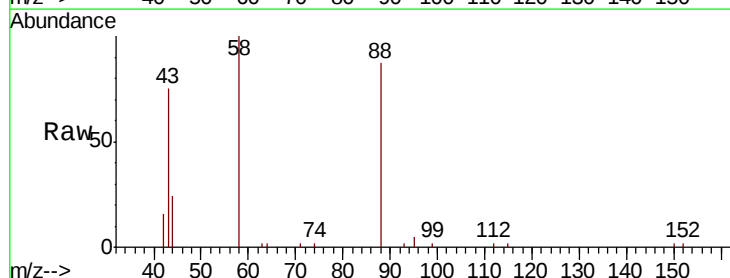
mohammad  
3/10/2020 2:45:54 PM

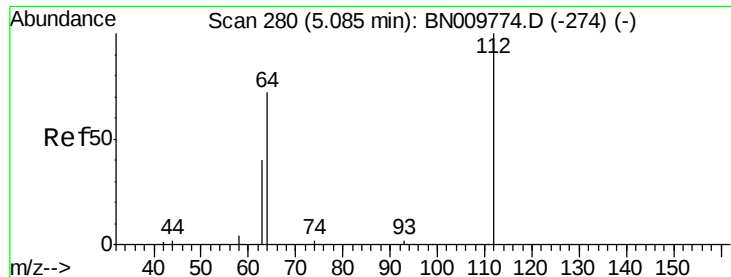


#2

1,4-Dioxane  
Concen: 4.644 ng m  
RT: 3.04 min Scan# 26  
Delta R.T. -0.06 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 0.0   | 97.8  | 146.8# |
| 43      | 0.0   | 45.1  | 67.7#  |





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

Instrument :

BNA\_N

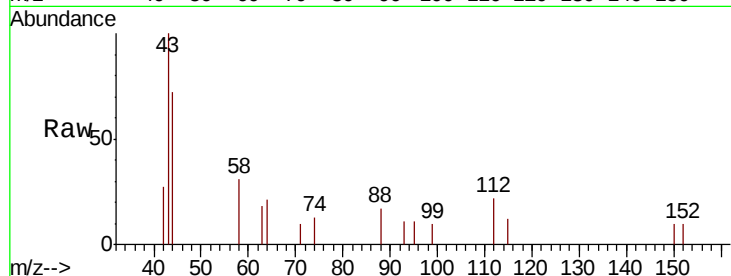
ClientSampleId :

RE108D1-20200304

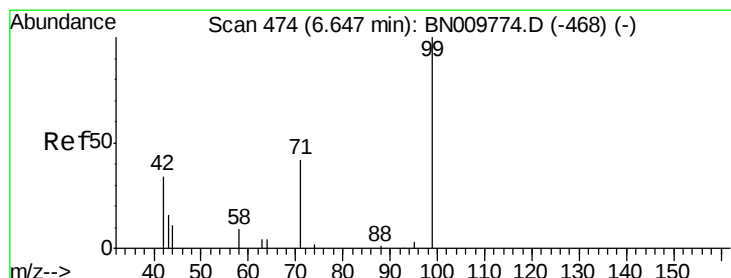
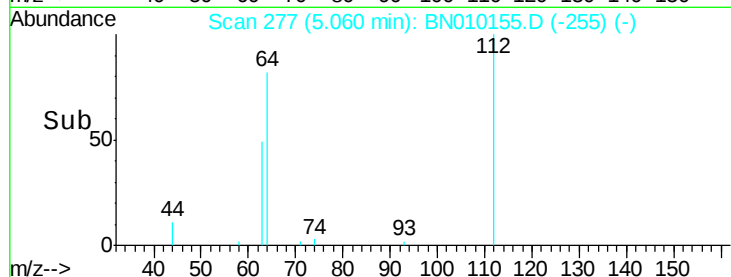
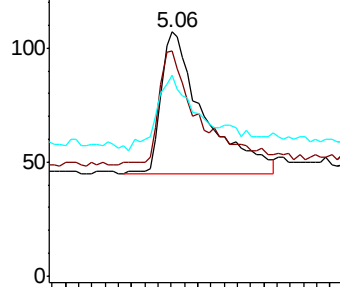
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 112   | Resp: | 278  |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 64        | 71.2  | 65.8  | 98.6 |
| 63        | 47.8  | 38.7  | 58.1 |

Manual Integrations  
APPROVED

mohammad  
3/10/2020 2:45:54 PM



Abundance Ion 112.00 (111.70 to 112.70): BNC



#5

Phenol-d6

Concen: 0.068 ng m

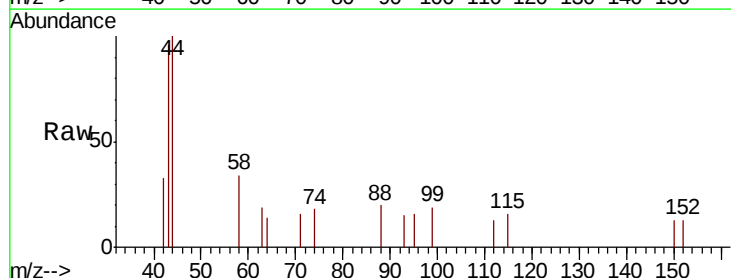
RT: 6.69 min Scan# 479

Delta R.T. 0.04 min

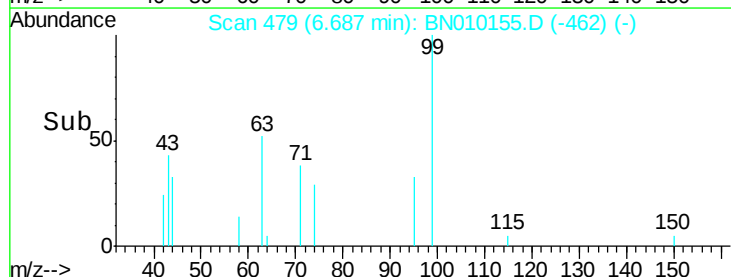
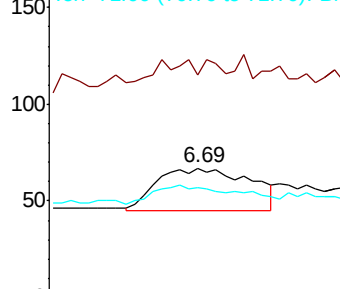
Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 126   |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 11.1  | 30.8  | 46.2# |
| 71        | 29.4  | 34.9  | 52.3# |



Abundance Ion 99.00 (98.70 to 99.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

Instrument :

BNA\_N

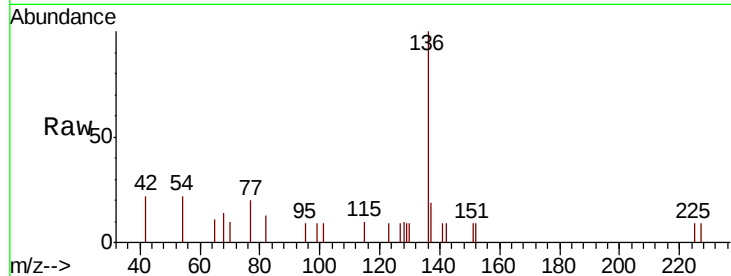
ClientSampleId :

RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 18.5  | 11.3  | 16.9# |
| 54      | 22.3  | 13.4  | 20.2# |
| 68      | 14.2  | 7.0   | 10.4# |

Manual Integrations  
APPROVED

mohammad  
3/10/2020 2:45:54 PM

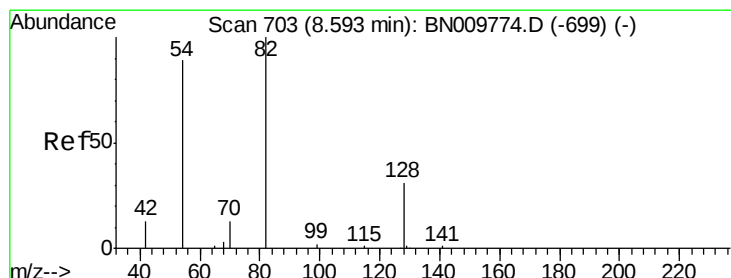
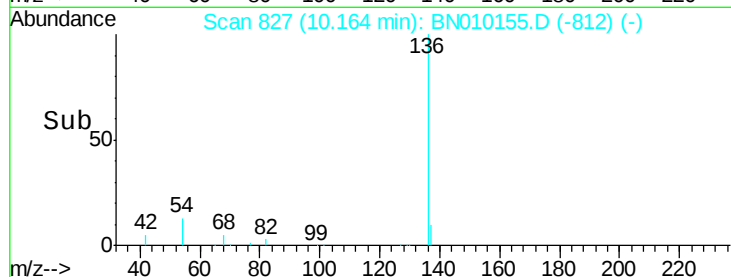
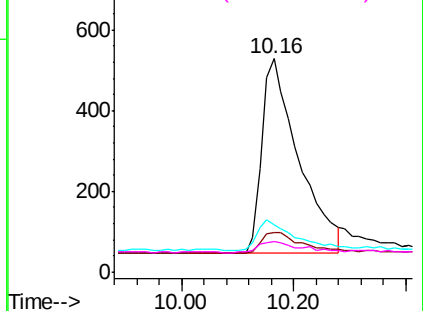


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.444 ng m

RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN010155.D

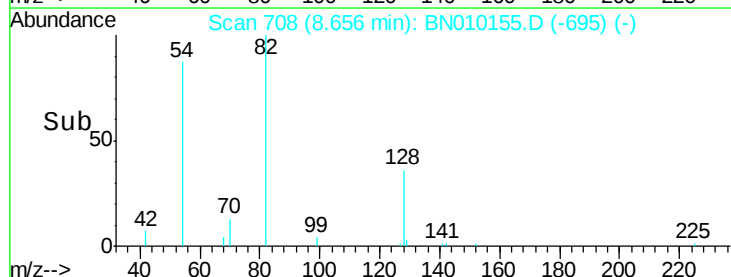
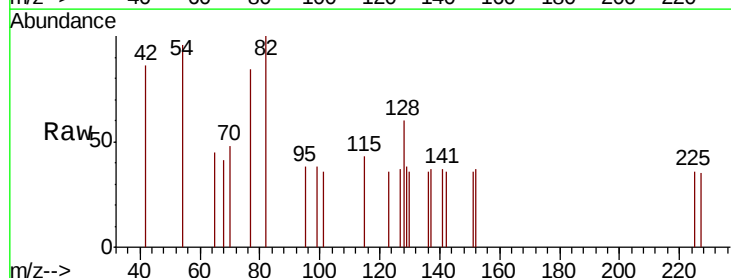
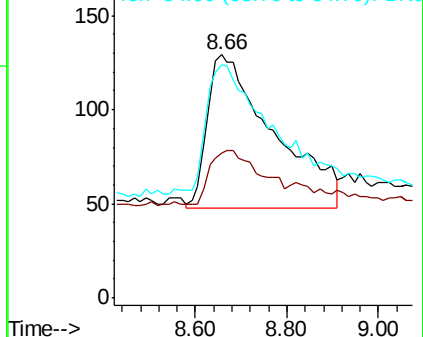
Acq: 09 Mar 2020 21:07

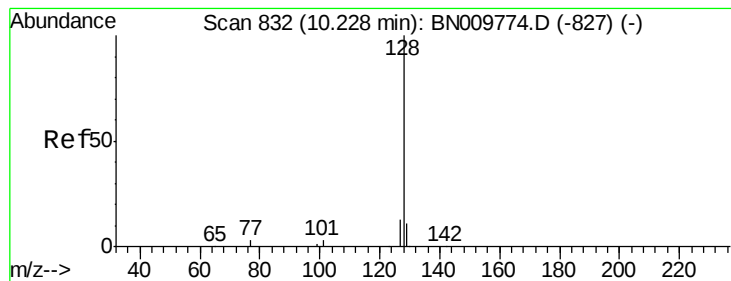
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 59.7  | 32.5  | 48.7# |
| 54      | 96.1  | 73.5  | 110.3 |

Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.047 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

Instrument :

BNA\_N

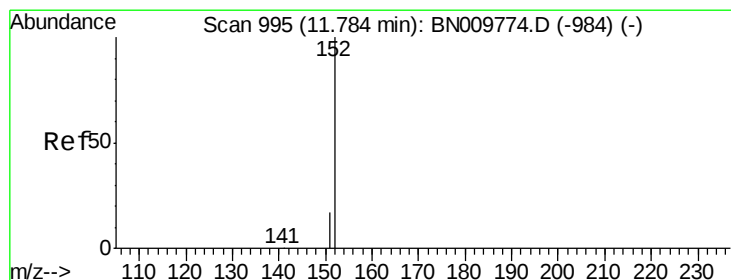
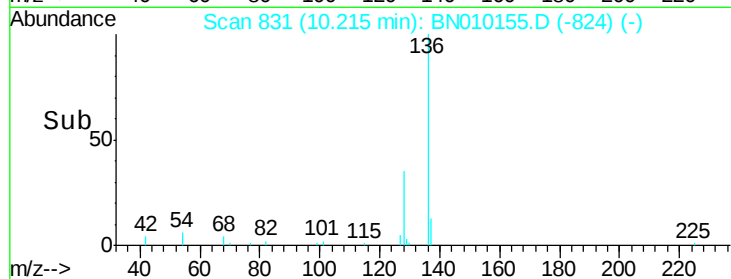
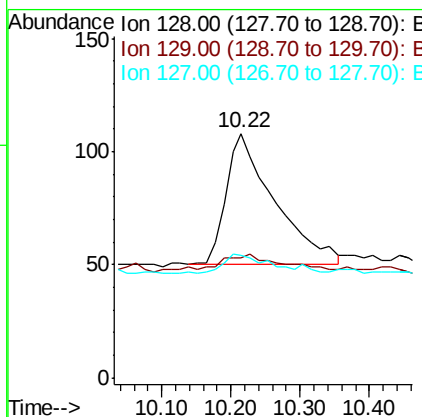
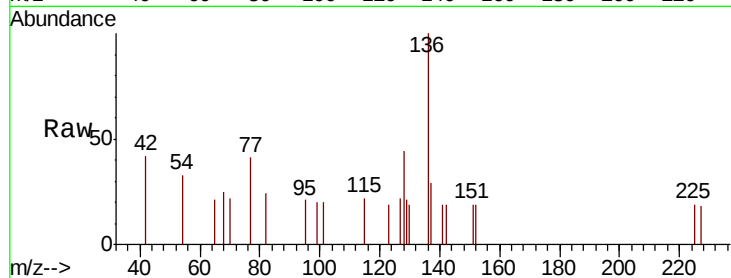
ClientSampleId :

RE108D1-20200304

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 285   |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 49.1  | 11.1  | 16.7# |
| 127       | 50.0  | 12.6  | 19.0# |

Manual Integrations  
APPROVED

mohammad  
3/10/2020 2:45:54 PM



#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

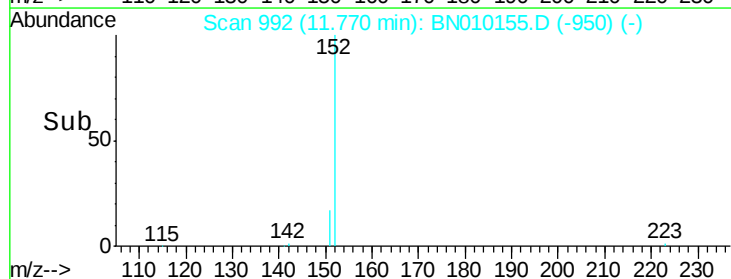
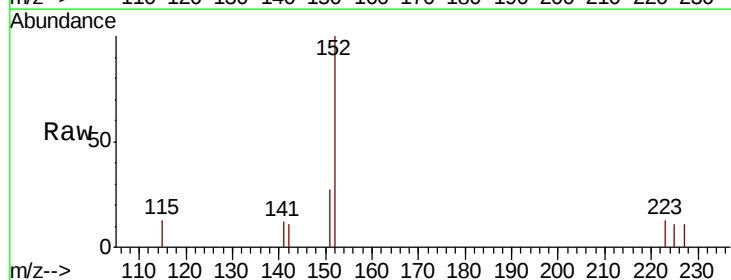
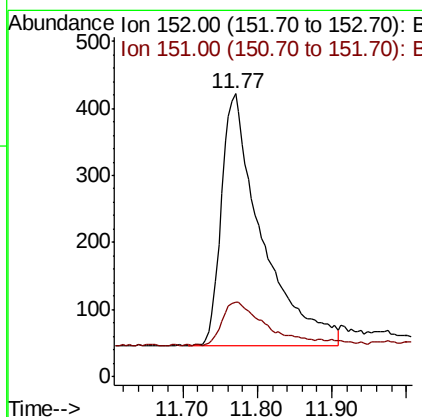
RT: 11.77 min Scan# 992

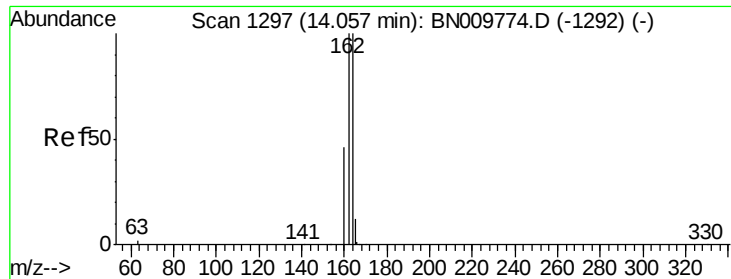
Delta R.T. -0.01 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 1404 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 18.3  | 15.1  | 22.7 |





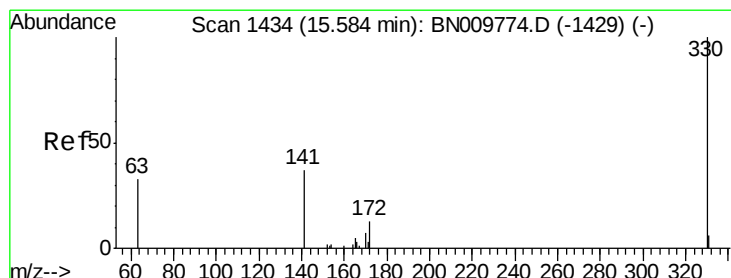
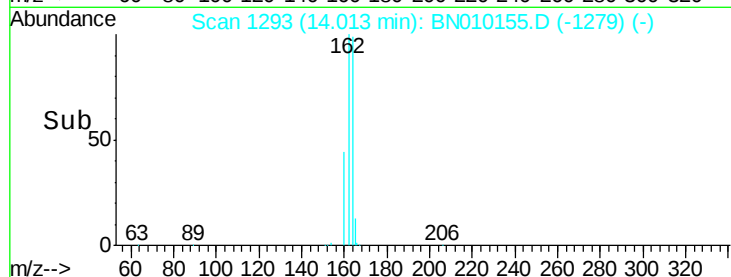
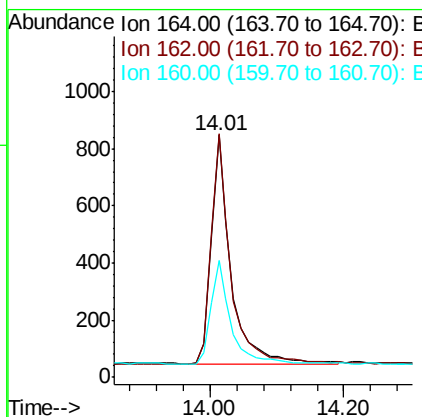
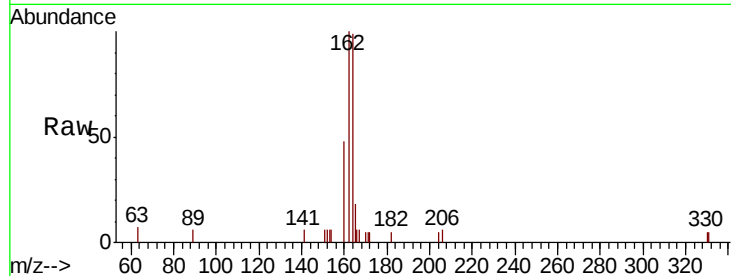
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.01 min Scan# 1293  
Delta R.T. -0.04 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

Instrument :  
BNA\_N  
ClientSampleId :  
RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.6 | 79.9  | 119.9 |
| 160     | 48.2  | 38.2  | 57.2  |

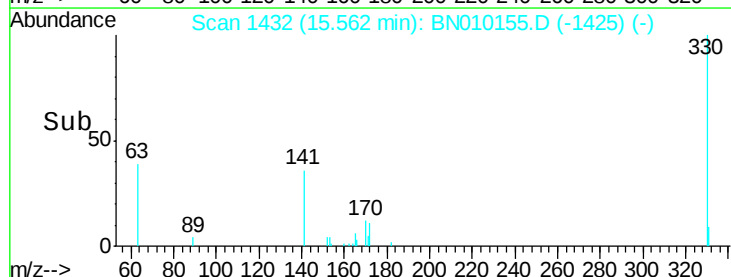
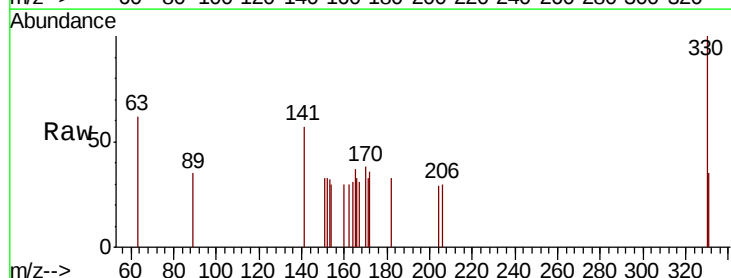
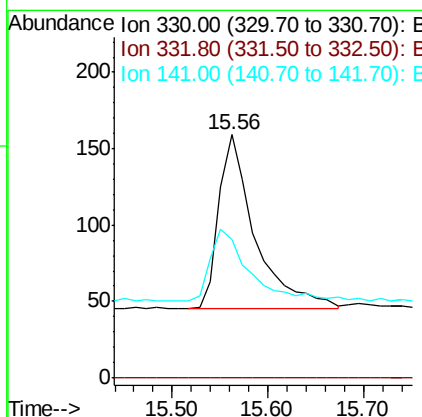
Manual Integrations  
APPROVED

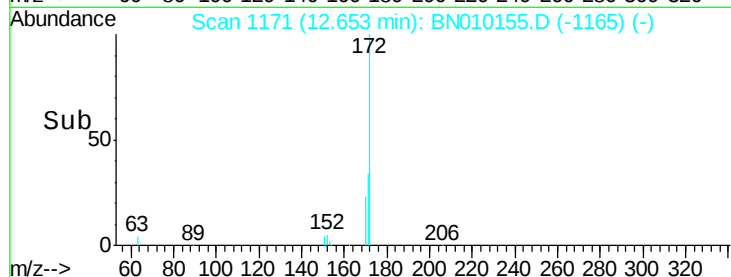
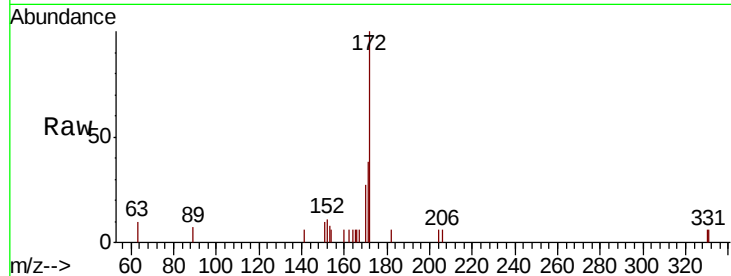
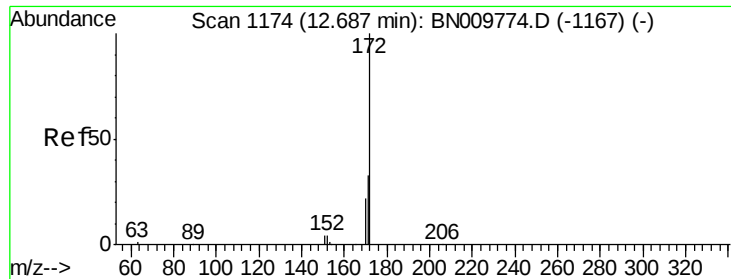
mohammad  
3/10/2020 2:45:54 PM



#14  
2,4,6-Tribromophenol  
Concen: 0.479 ng  
RT: 15.56 min Scan# 1432  
Delta R.T. -0.02 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 0.0   | 0.0   | 0.0   |
| 141     | 44.9  | 36.8  | 55.2  |





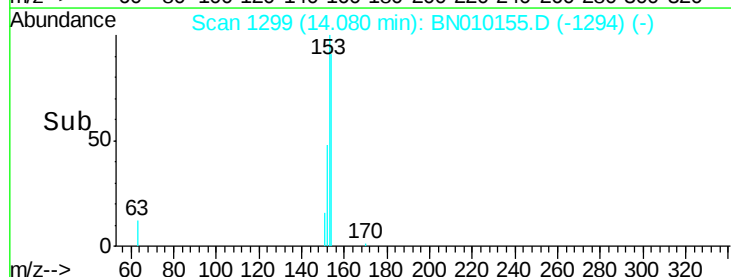
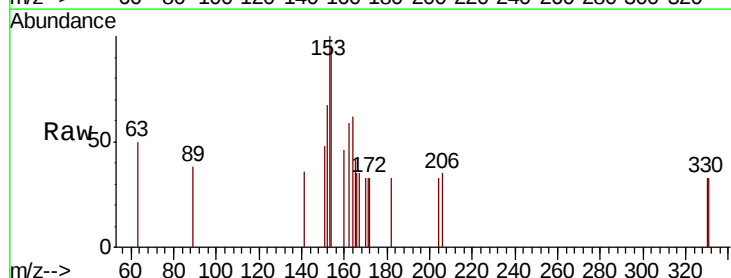
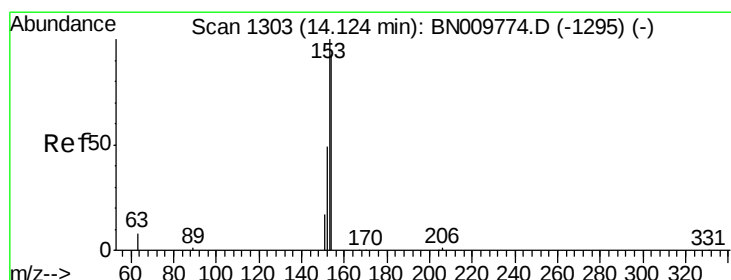
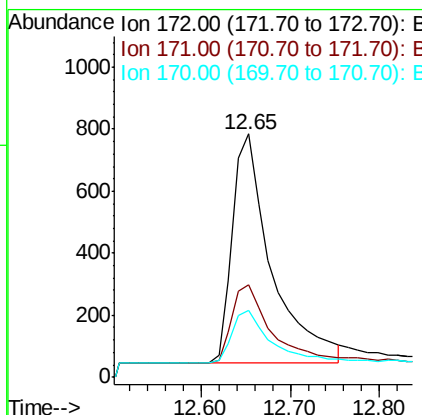
#15  
2-Fluorobiphenyl  
Concen: 0.365 ng  
RT: 12.65 min Scan# 1171  
Delta R.T. -0.03 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

Instrument :  
BNA\_N  
ClientSampleId :  
RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.1  | 28.7  | 43.1  |
| 170     | 27.4  | 20.1  | 30.1  |

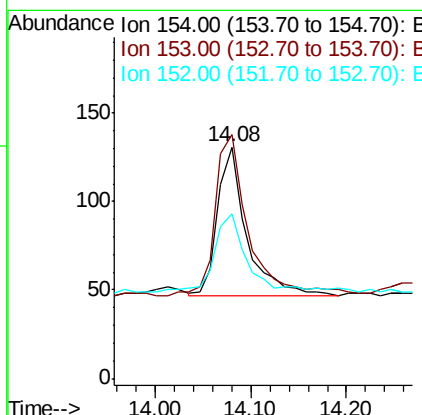
Manual Integrations  
APPROVED

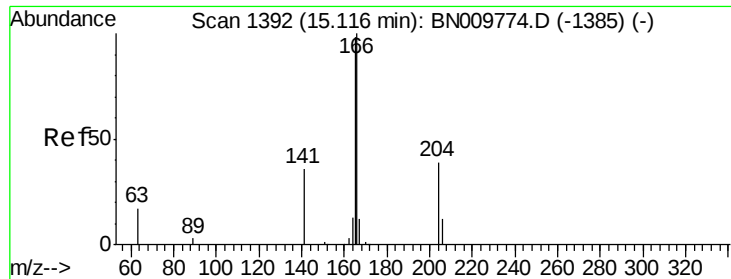
mohammad  
3/10/2020 2:45:54 PM



#17  
Acenaphthene  
Concen: 0.036 ng  
RT: 14.08 min Scan# 1299  
Delta R.T. -0.04 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 123.7 | 88.9  | 133.3 |
| 152     | 59.3  | 44.2  | 66.2  |





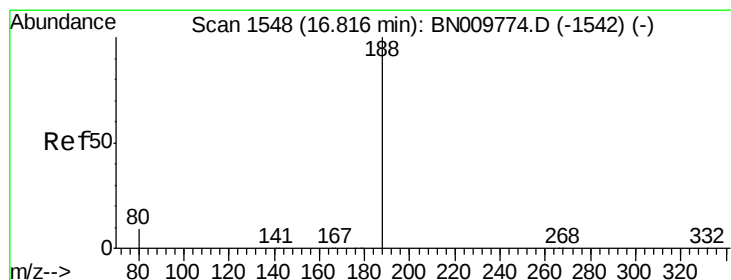
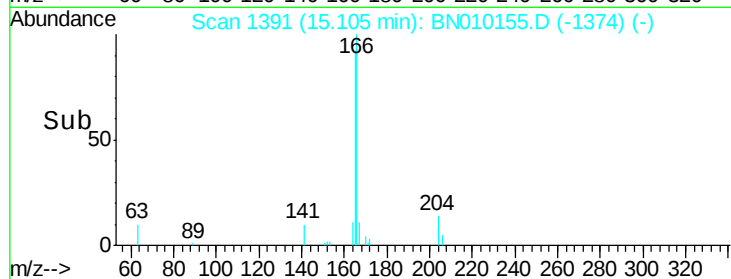
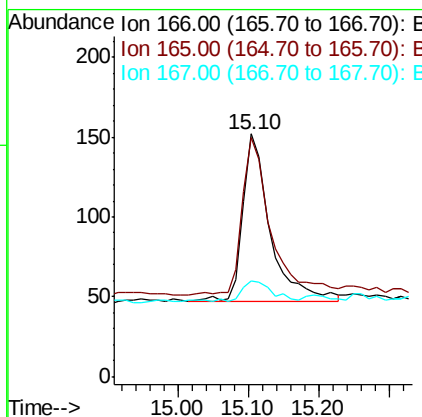
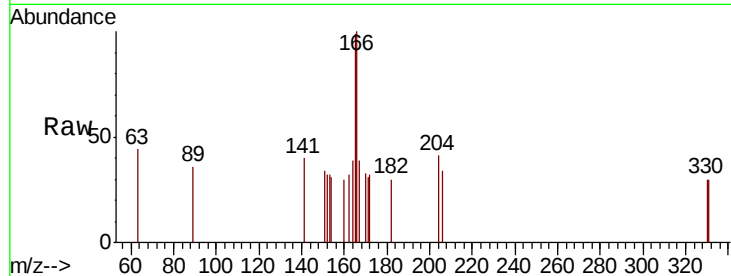
#18  
**Fluorene**  
 Concen: 0.044 ng  
 RT: 15.10 min Scan# 1391  
 Delta R.T. -0.01 min  
 Lab File: BN010155.D  
 Acq: 09 Mar 2020 21:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 77.2  | 115.8 |
| 167     | 13.6  | 10.5  | 15.7  |

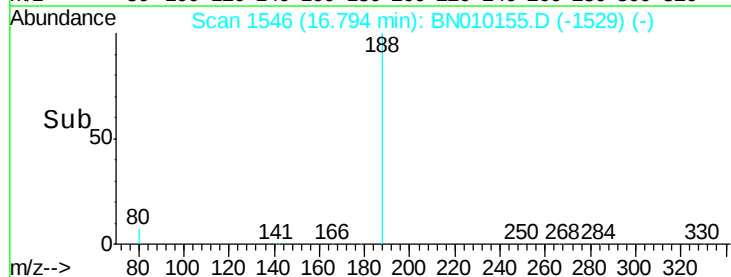
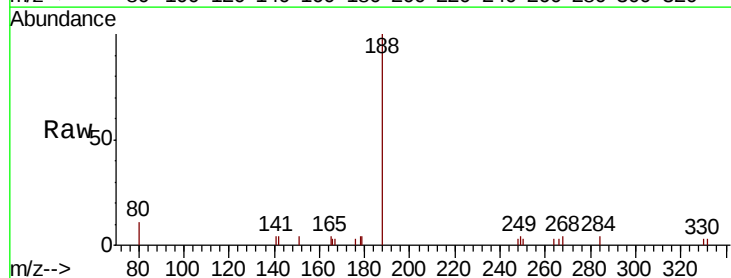
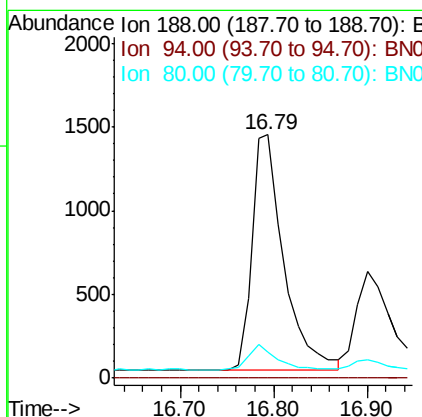
Manual Integrations  
 APPROVED

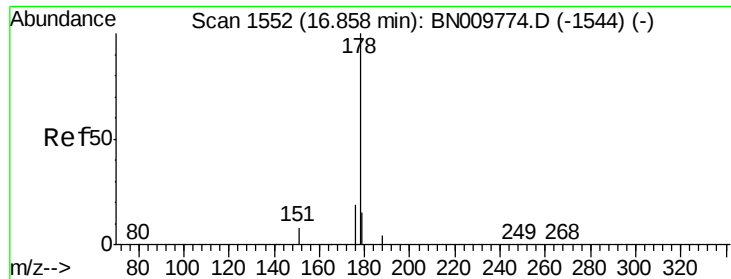
mohammad  
 3/10/2020 2:45:54 PM



#19  
**Phenanthrene-d10**  
 Concen: 0.400 ng  
 RT: 16.79 min Scan# 1546  
 Delta R.T. -0.02 min  
 Lab File: BN010155.D  
 Acq: 09 Mar 2020 21:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 0.0   | 0.0   |
| 80      | 10.7  | 8.3   | 12.5  |





#23

Phenanthrene

Concen: 0.096 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

Instrument :

BNA\_N

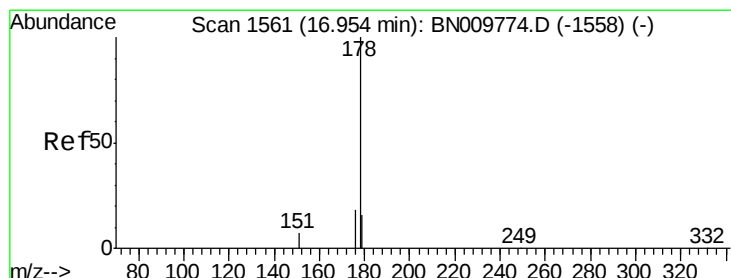
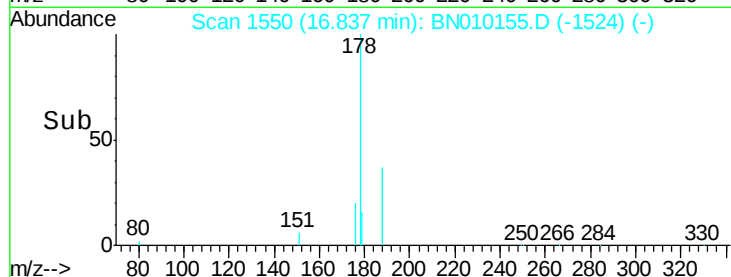
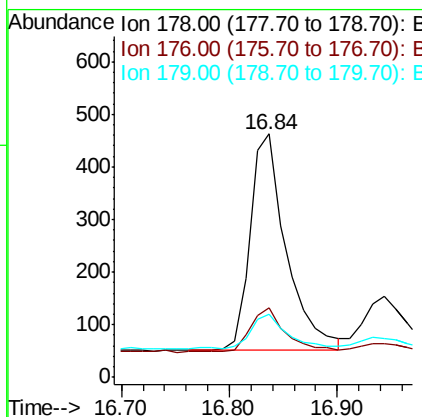
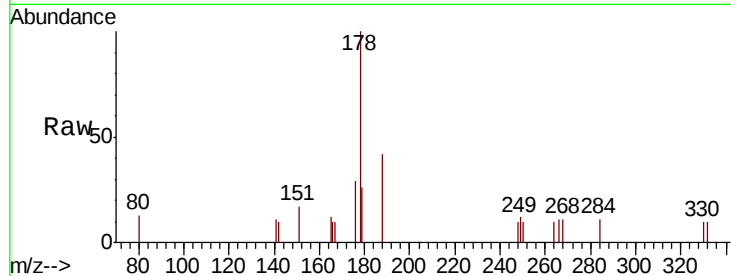
ClientSampleId :

RE108D1-20200304

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 954       |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.5  | 15.3 22.9 |
| 179         | 16.2  | 12.4 18.6 |

Manual Integrations  
APPROVED

mohammad  
3/10/2020 2:45:54 PM



#24

Anthracene

Concen: 0.033 ng

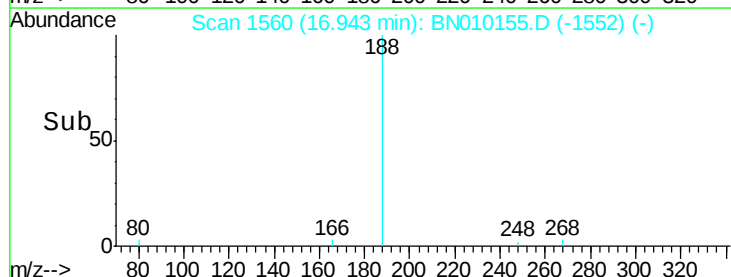
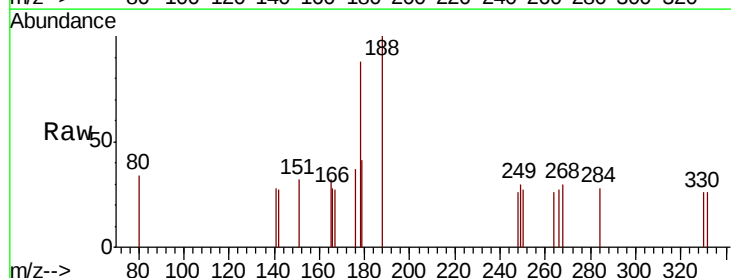
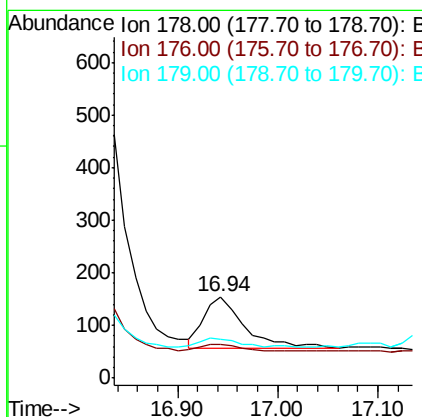
RT: 16.94 min Scan# 1560

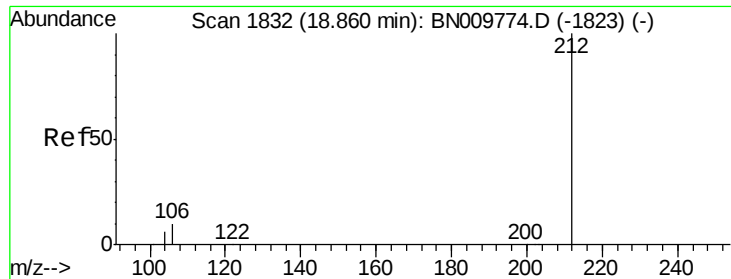
Delta R.T. -0.01 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:178 | Resp: | 281        |
| Ion Ratio   | Lower | Upper      |
| 178         | 100   |            |
| 176         | 12.1  | 14.3 21.5# |
| 179         | 17.8  | 12.4 18.6  |





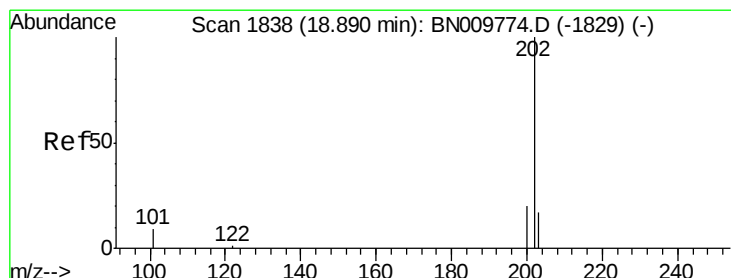
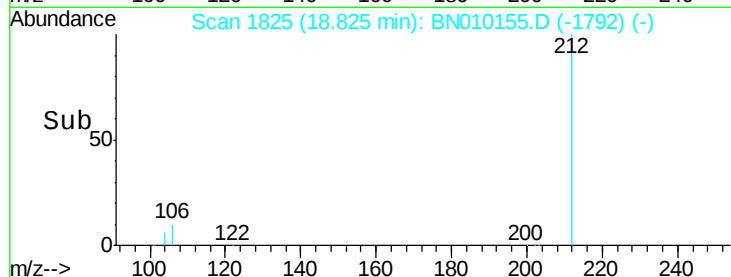
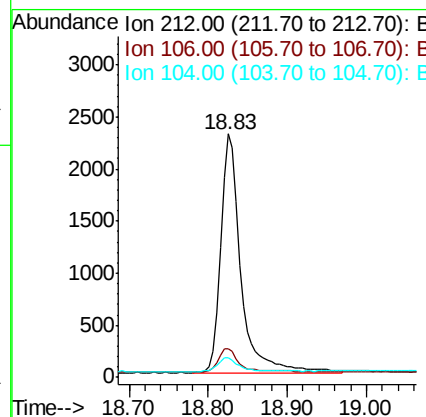
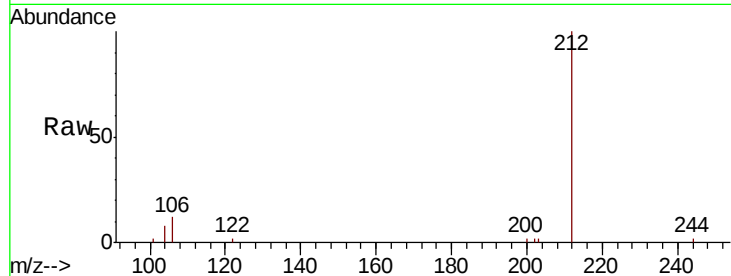
#25  
 Fluoranthene-d10  
 Concen: 0.355 ng  
 RT: 18.83 min Scan# 1825  
 Delta R.T. -0.03 min  
 Lab File: BN010155.D  
 Acq: 09 Mar 2020 21:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 10.4  | 8.4   | 12.6  |
| 104     | 6.4   | 4.8   | 7.2   |

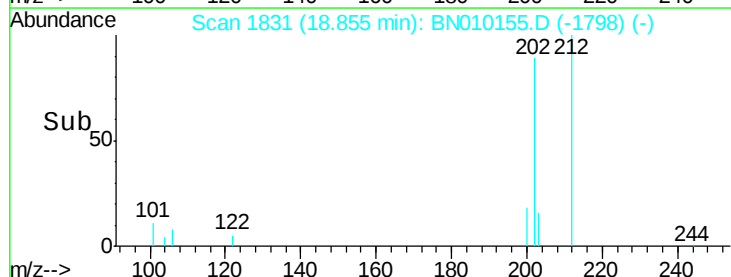
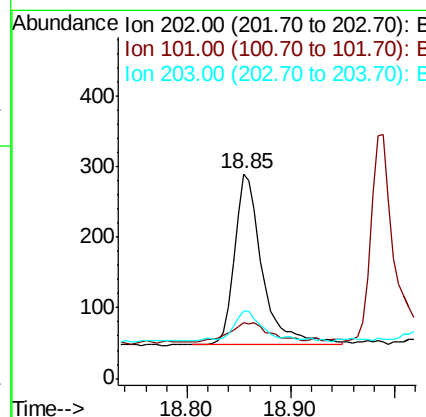
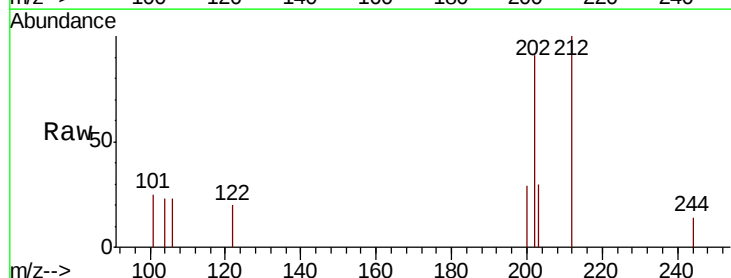
Manual Integrations  
 APPROVED

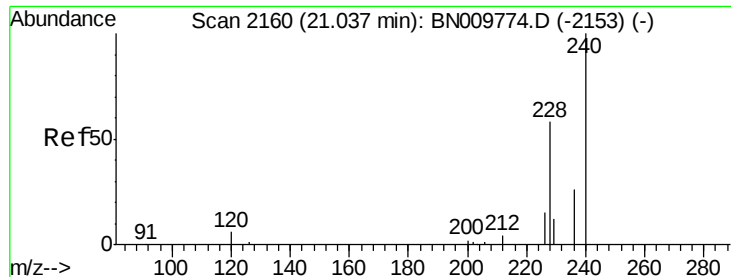
mohammad  
 3/10/2020 2:45:54 PM



#26  
 Fluoranthene  
 Concen: 0.037 ng  
 RT: 18.85 min Scan# 1831  
 Delta R.T. -0.03 min  
 Lab File: BN010155.D  
 Acq: 09 Mar 2020 21:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 17.6  | 7.1   | 10.7# |
| 203     | 16.0  | 13.8  | 20.6  |





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

Instrument :

BNA\_N

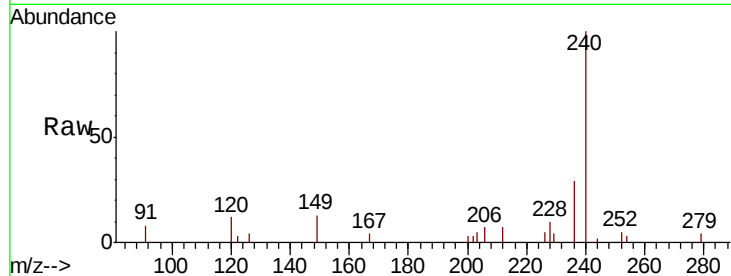
ClientSampleId :

RE108D1-20200304

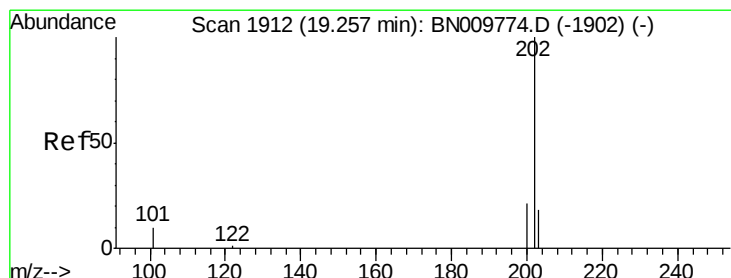
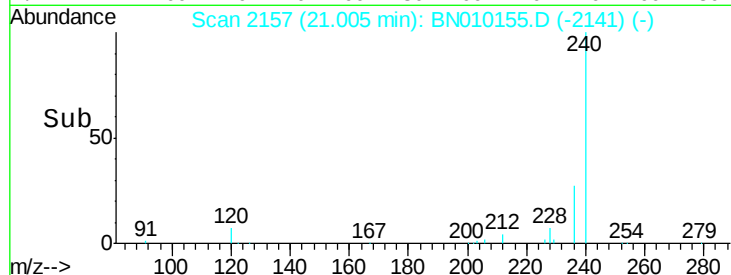
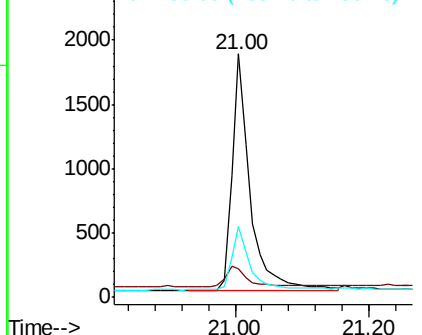
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 240   | Resp: | 3495 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 11.6  | 7.9   | 11.9 |
| 236       | 29.1  | 22.0  | 33.0 |

Manual Integrations  
APPROVED

mohammad  
3/10/2020 2:45:54 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



#28

Pyrene

Concen: 0.030 ng

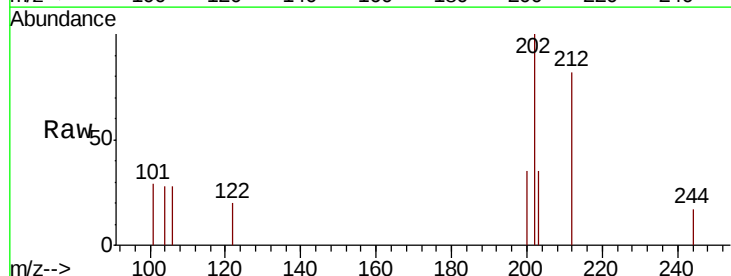
RT: 19.22 min Scan# 1905

Delta R.T. -0.03 min

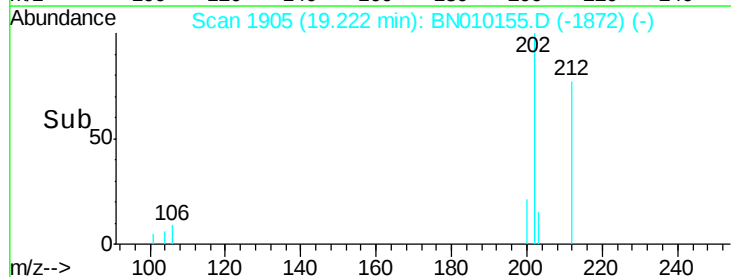
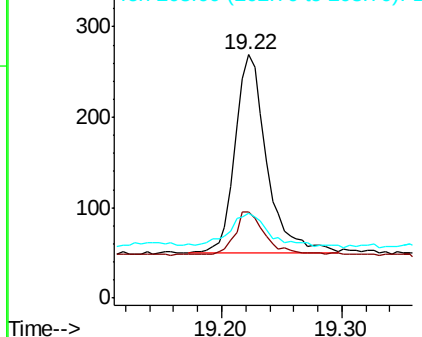
Lab File: BN010155.D

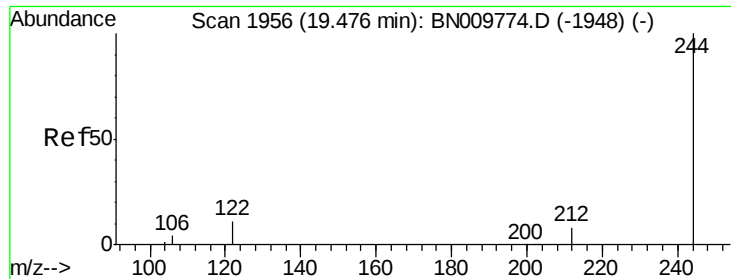
Acq: 09 Mar 2020 21:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 401   |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 22.2  | 16.4  | 24.6  |
| 203       | 22.4  | 13.9  | 20.9# |



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





#29

Terphenyl-d14

Concen: 0.471 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010155.D

Acq: 09 Mar 2020 21:07

Instrument :

BNA\_N

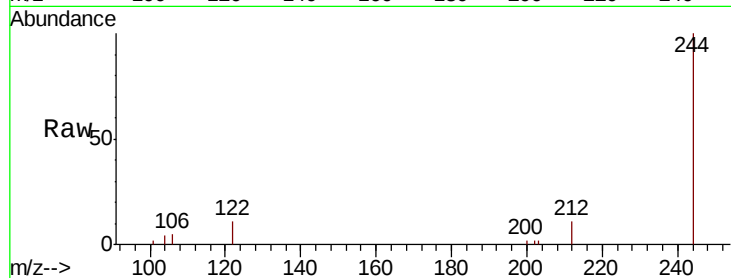
ClientSampleId :

RE108D1-20200304

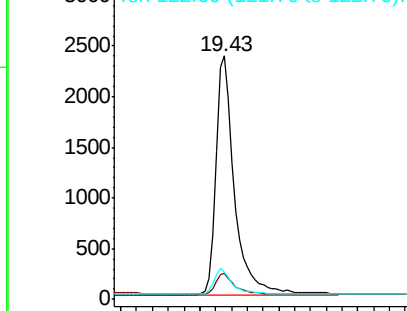
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 244   | Resp: | 3935 |
| Ion Ratio | Lower | Upper |      |
| 244       | 100   |       |      |
| 212       | 10.6  | 8.0   | 12.0 |
| 122       | 11.2  | 10.0  | 15.0 |

Manual Integrations  
APPROVED

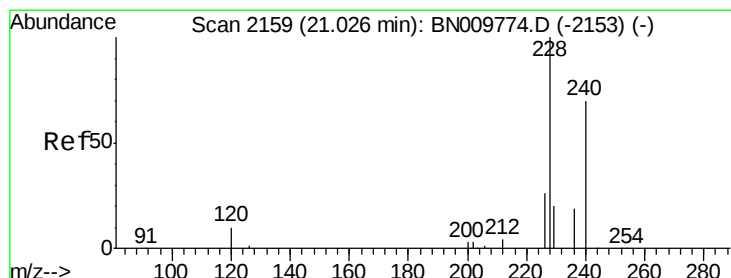
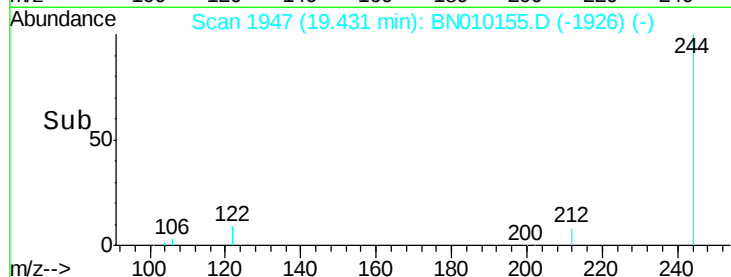
mohammad  
3/10/2020 2:45:54 PM



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



Time--> 19.30 19.40 19.50 19.60



#30

Benzo(a)anthracene

Concen: 0.023 ng

RT: 20.99 min Scan# 2156

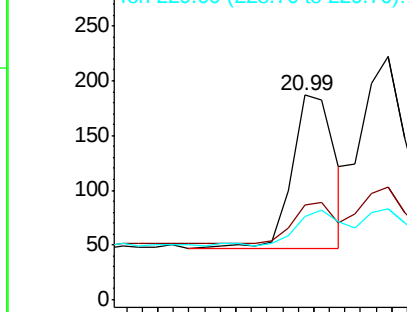
Delta R.T. -0.03 min

Lab File: BN010155.D

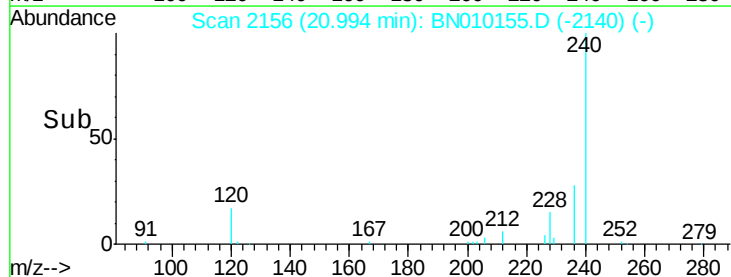
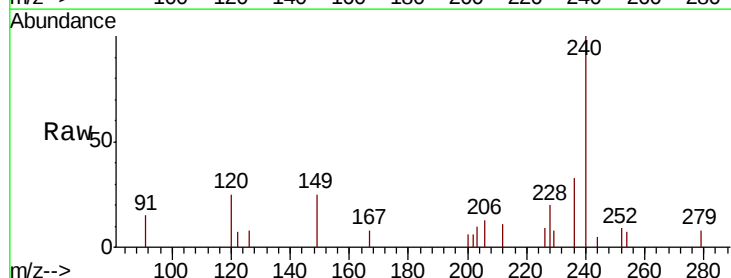
Acq: 09 Mar 2020 21:07

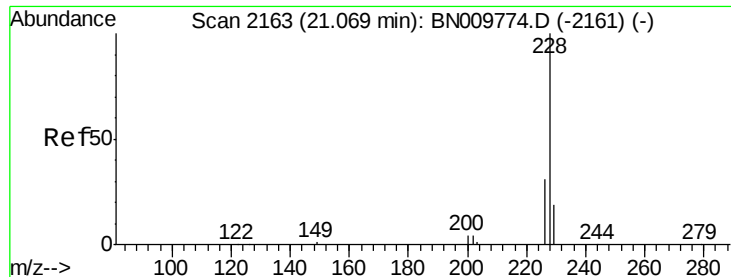
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 266   |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 46.5  | 21.8  | 32.8# |
| 229       | 40.6  | 17.1  | 25.7# |

Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



Time--> 20.90 20.95 21.00





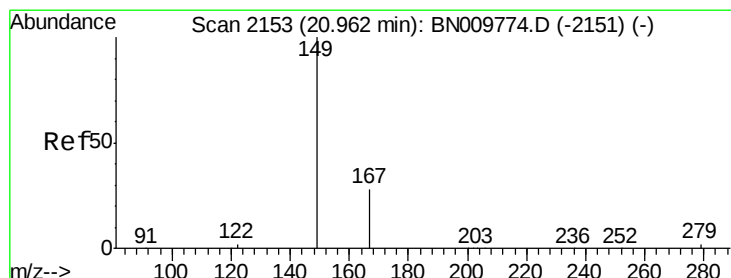
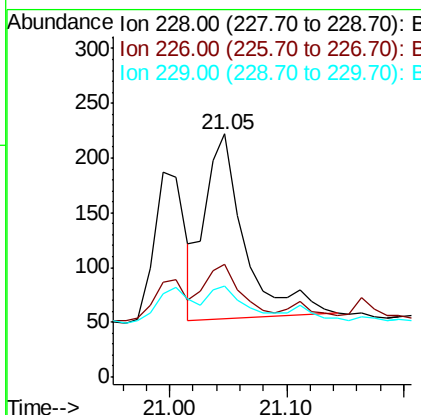
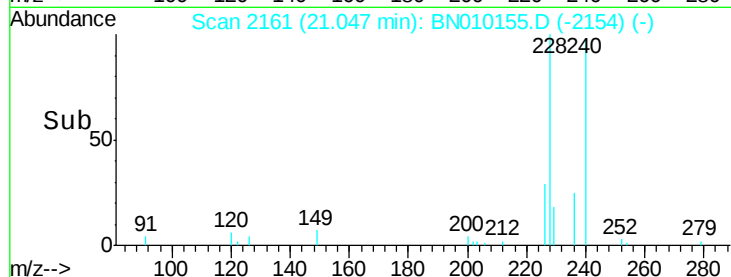
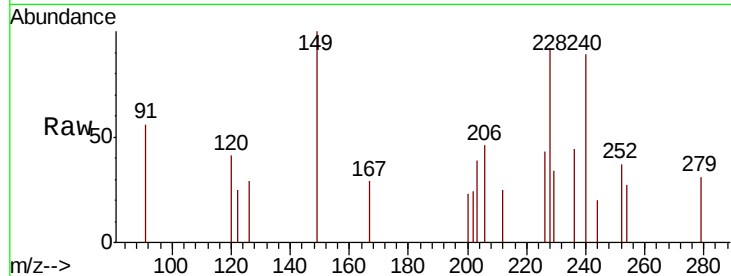
#31  
Chrysene  
Concen: 0.030 ng  
RT: 21.05 min Scan# 2161  
Delta R.T. -0.02 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

Instrument :  
BNA\_N  
ClientSampleId :  
RE108D1-20200304

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 228   | Resp: | 396   |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 46.4  | 24.8  | 37.2# |
| 229       | 37.4  | 16.4  | 24.6# |

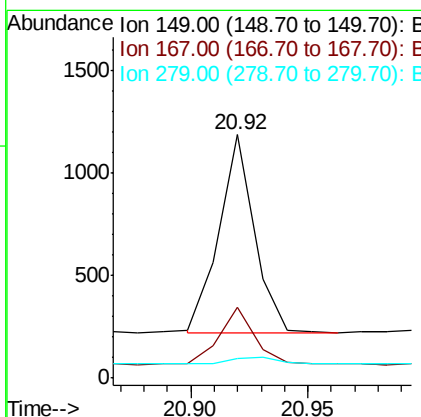
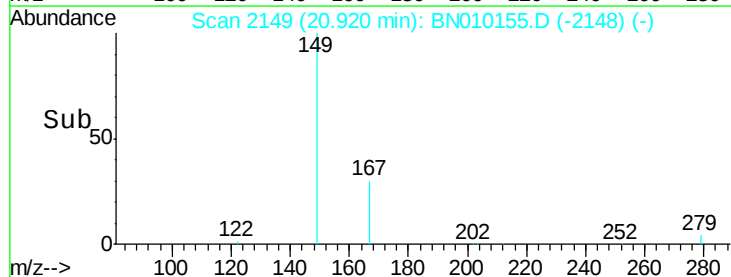
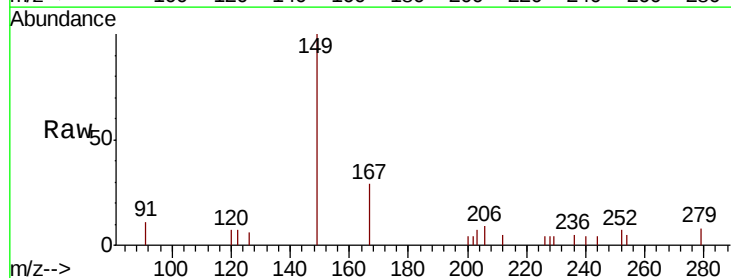
Manual Integrations  
APPROVED

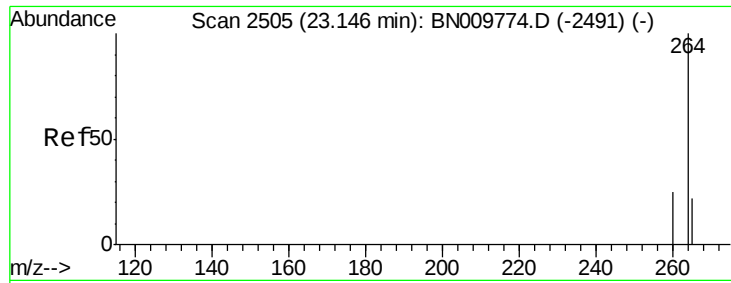
mohammad  
3/10/2020 2:45:54 PM



#32  
Bis(2-ethylhexyl)phthalate  
Concen: 0.177 ng  
RT: 20.92 min Scan# 2149  
Delta R.T. -0.04 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 1002 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 28.2  | 22.7  | 34.1 |
| 279       | 4.5   | 3.1   | 4.7  |





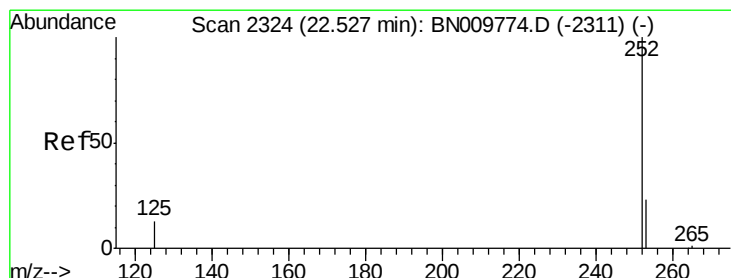
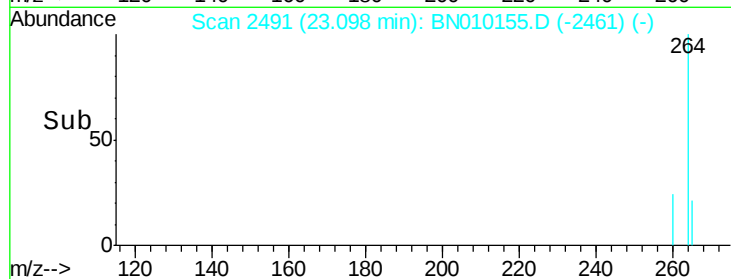
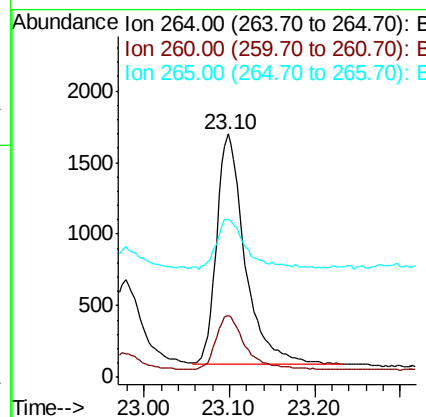
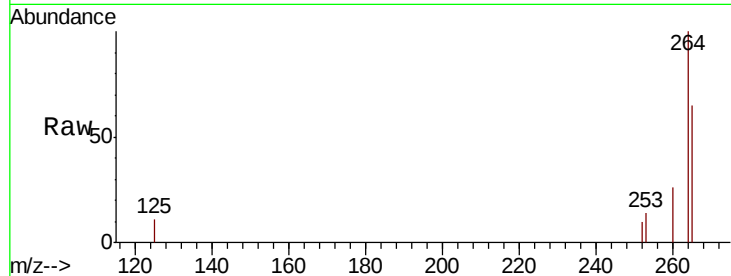
#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.10 min Scan# 2491  
Delta R.T. -0.05 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

Instrument :  
BNA\_N  
ClientSampleId :  
RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.6  | 21.1  | 31.7  |
| 265     | 64.7  | 57.5  | 86.3  |

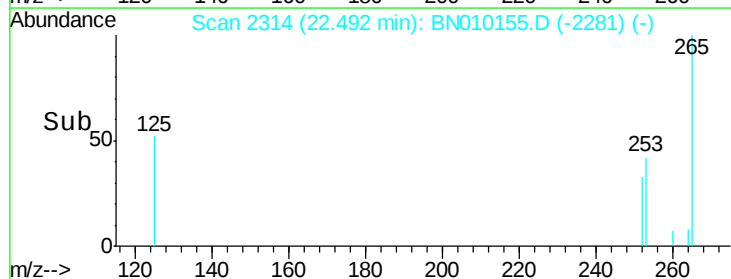
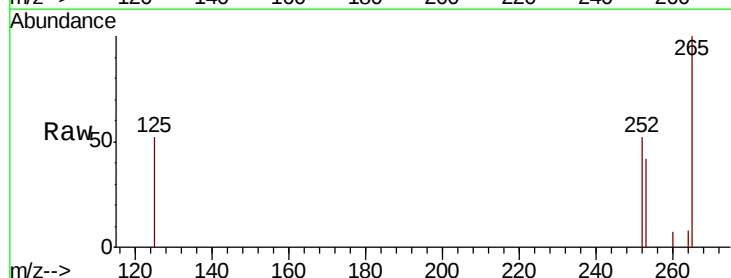
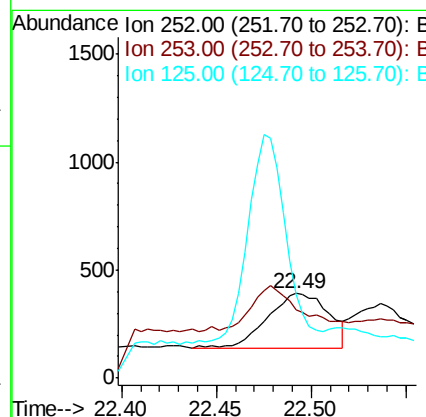
Manual Integrations  
APPROVED

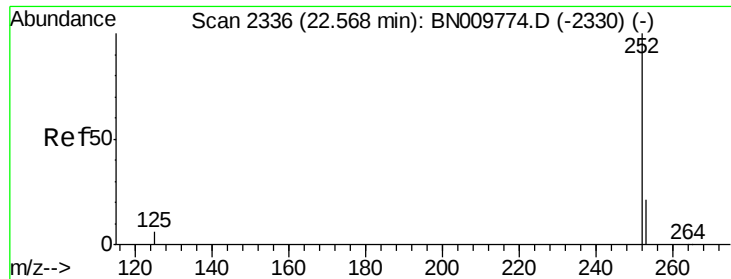
mohammad  
3/10/2020 2:45:54 PM



#35  
Benzo(b)fluoranthene  
Concen: 0.042 ng  
RT: 22.49 min Scan# 2314  
Delta R.T. -0.03 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 81.3  | 23.0  | 34.6# |
| 125     | 99.2  | 14.4  | 21.6# |





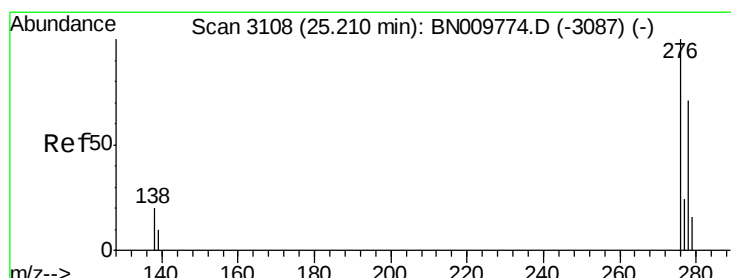
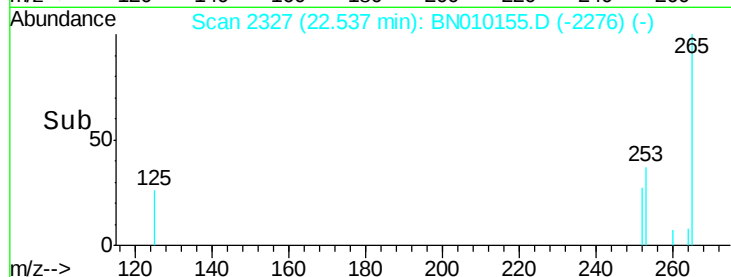
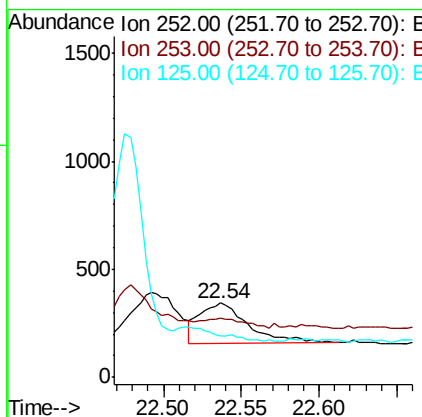
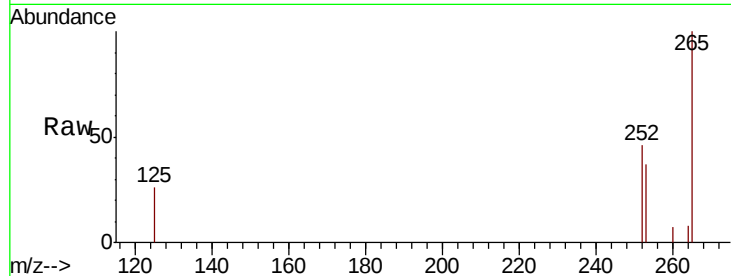
#36  
Benzo(k)fluoranthene  
Concen: 0.028 ng  
RT: 22.54 min Scan# 2327  
Delta R.T. -0.03 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

Instrument :  
BNA\_N  
ClientSampleId :  
RE108D1-20200304

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 80.3  | 22.2  | 33.2# |
| 125     | 55.4  | 10.5  | 15.7# |

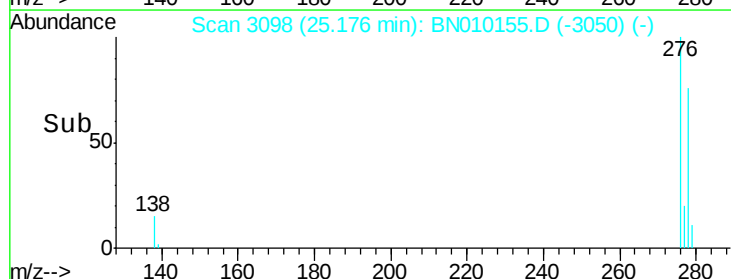
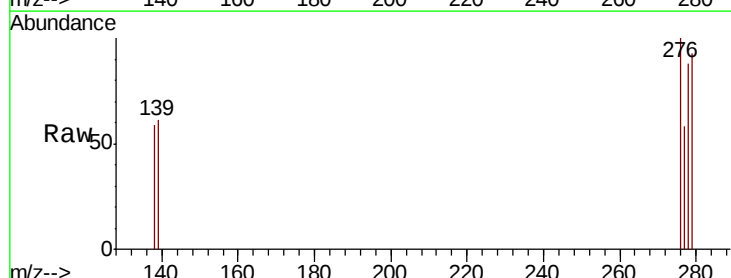
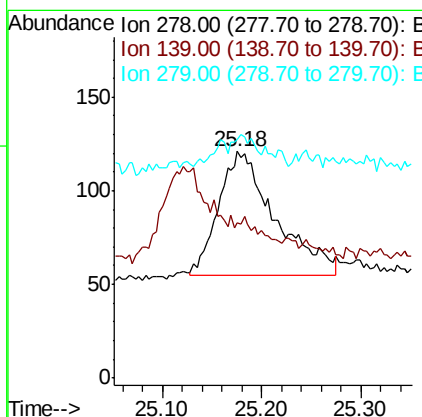
Manual Integrations  
APPROVED

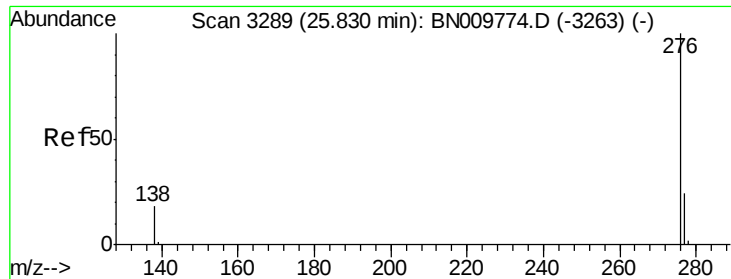
mohammad  
3/10/2020 2:45:54 PM



#38  
Dibenzo(a,h)anthracene  
Concen: 0.021 ng m  
RT: 25.18 min Scan# 3098  
Delta R.T. -0.03 min  
Lab File: BN010155.D  
Acq: 09 Mar 2020 21:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 68.6  | 14.5  | 21.7# |
| 279     | 105.0 | 24.3  | 36.5# |





#39

Benzo(a,h,i)perylene

Concen: 0.029 ng

RT: 25.79 min Scan# 3277

Delta R.T. -0.04 min

Lab File: BN010155.D

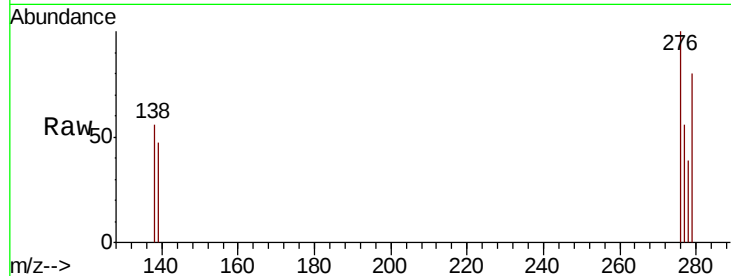
Acq: 09 Mar 2020 21:07

Instrument :

BNA\_N

ClientSampleId :

RE108D1-20200304



| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 56.1  | 21.4  | 32.0# |
| 138     | 56.1  | 16.6  | 24.8# |

Manual Integrations  
APPROVED

mohammad  
3/10/2020 2:45:54 PM

