

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\  
 Data File : BP003274.D  
 Acq On : 14 Sep 2020 18:23  
 Operator : CG/JU  
 Sample : L3981-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B17-0-2

Manual Integrations  
 APPROVED

mohammad  
 9/15/2020 1:20:50 PM

Quant Time: Sep 22 08:36:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 01 14:37:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.64  | 152  | 143270   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8             | 10.42 | 136  | 513249   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10           | 14.28 | 164  | 273924   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10           | 17.04 | 188  | 538634   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 21.13 | 240  | 651921   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12               | 23.37 | 264  | 771086   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.26  | 112  | 626580   | 77.32 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.83  | 99   | 714777   | 70.36 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 8.79  | 82   | 445996   | 62.64 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol       | 15.78 | 330  | 326766   | 88.20 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl           | 12.90 | 172  | 1126080  | 60.20 | ng    | -0.02    |
| 79) Terphenyl-d14              | 19.62 | 244  | 1457055  | 49.18 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 50) Dimethylphthalate          | 13.75 | 163  | 93294    | 4.466 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 128380   | 5.103 | ng    | # 98     |
| 87) Indeno(1,2,3-cd)pyrene     | 25.64 | 276  | 121525   | 2.113 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 22.70 | 252  | 187249m  | 3.907 | ng    |          |
| 92) Benzo(g,h,i)perylene       | 26.33 | 276  | 127827   | 2.696 | ng    | 97       |

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

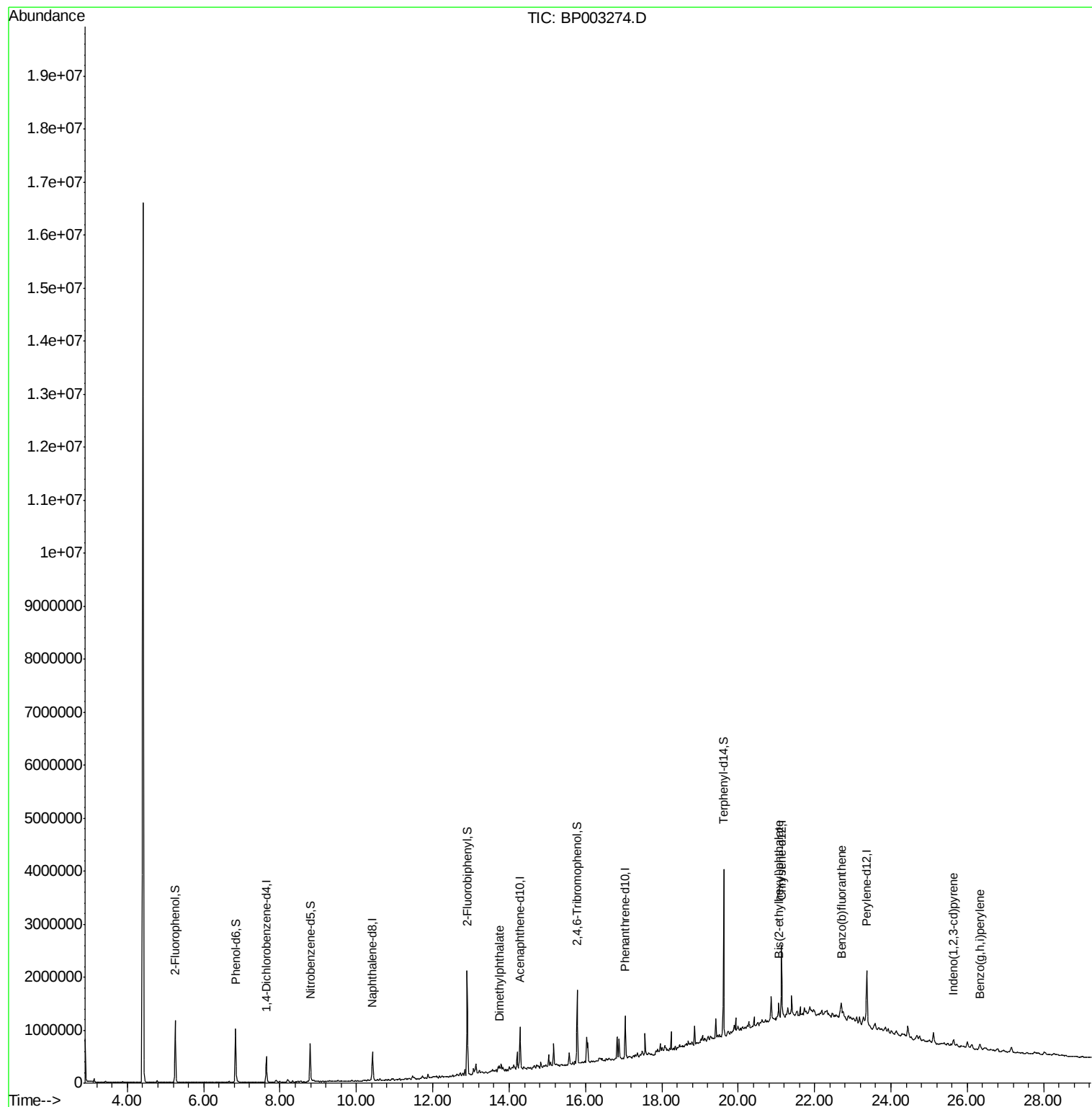
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\  
Data File : BP003274.D  
Acq On : 14 Sep 2020 18:23  
Operator : CG/JU  
Sample : L3981-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

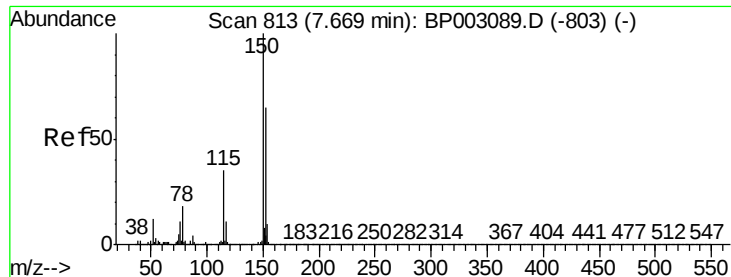
Instrument :  
BNA\_P  
ClientSampleId :  
B17-0-2

Manual Integrations  
APPROVED

mohammad  
9/15/2020 1:20:50 PM

Quant Time: Sep 22 08:36:26 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 01 14:37:05 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.64 min Scan# 808

Delta R.T. -0.01 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

Instrument :

BNA\_P

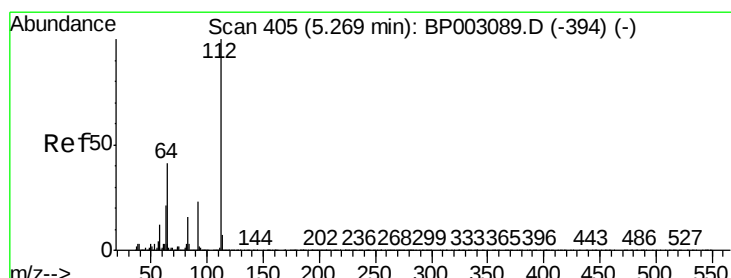
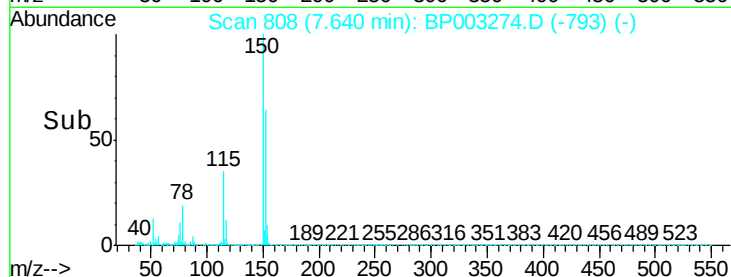
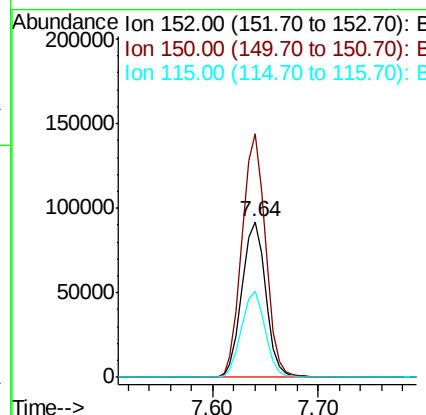
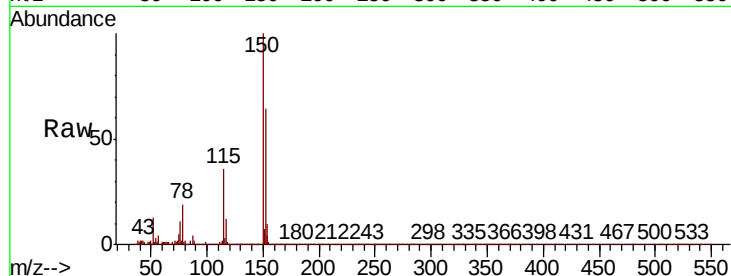
ClientSampleId :

B17-0-2

| Tot Ion   | 152   | Resp  | 143270 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 156.8 | 123.8 | 185.6  |
| 115       | 55.7  | 43.8  | 65.6   |

Manual Integrations  
APPROVED

mohammad  
9/15/2020 1:20:50 PM



#5

2-Fluorophenol

Concen: 77.323 ng

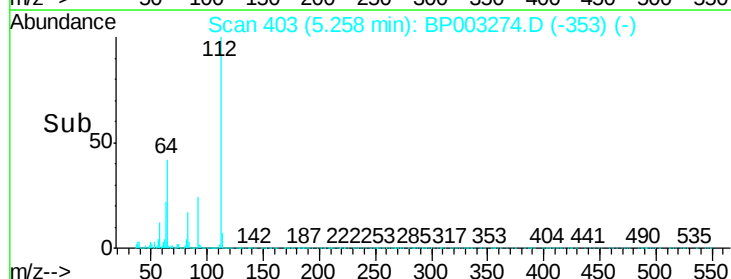
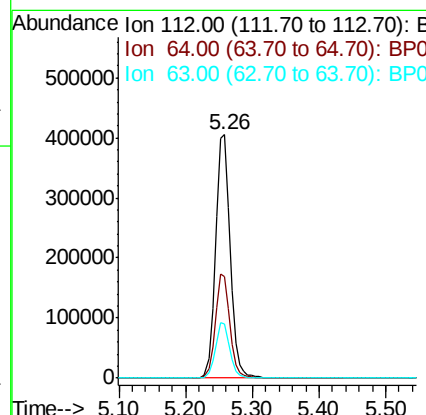
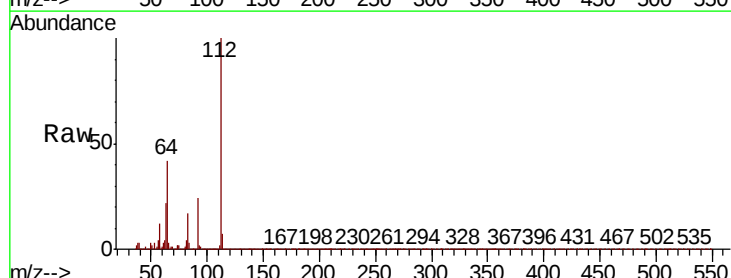
RT: 5.26 min Scan# 403

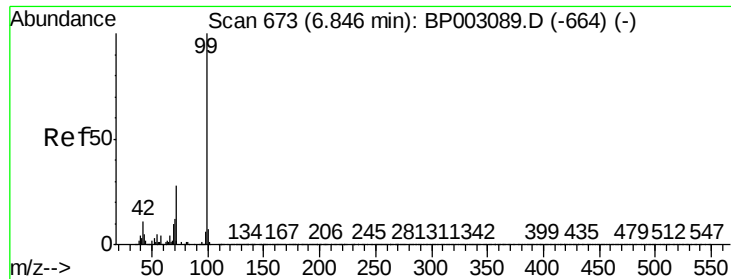
Delta R.T. -0.01 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

| Tgt Ion   | 112   | Resp  | 626580 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 41.6  | 32.8  | 49.2   |
| 63        | 22.1  | 17.0  | 25.4   |





#7

Phenol-d6

Concen: 70.365 ng

RT: 6.83 min Scan# 671

Delta R.T. 0.00 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

Instrument :

BNA\_P

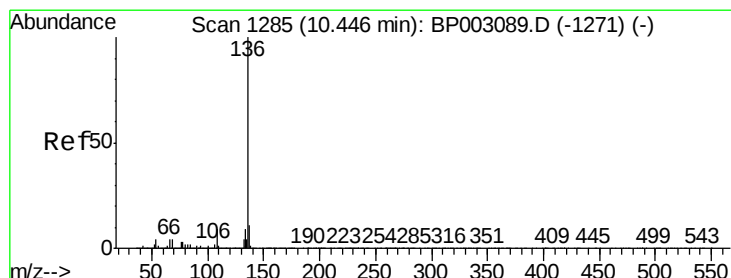
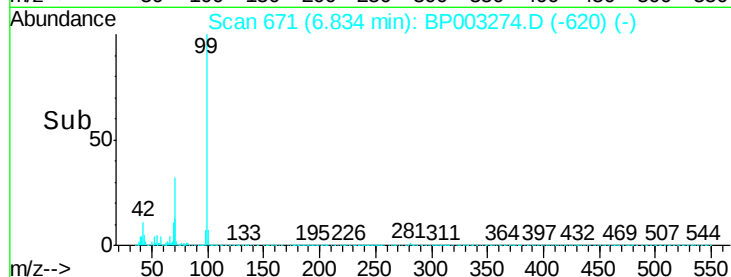
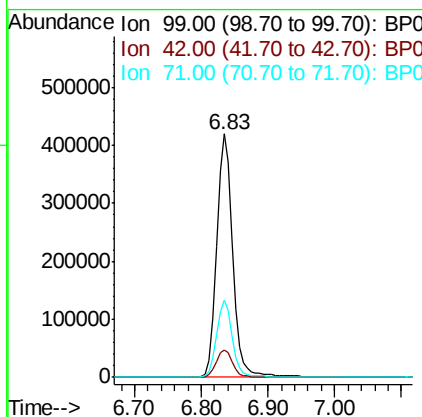
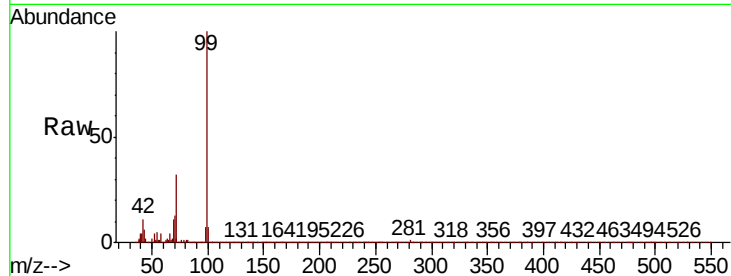
ClientSampled :

B17-0-2

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 714777 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 11.4  | 8.6   | 13.0   |
| 71        | 31.8  | 23.4  | 35.2   |

Manual Integrations  
APPROVED

mohammad  
9/15/2020 1:20:50 PM



#21

Naphthalene-d8

Concen: 20.000 ng

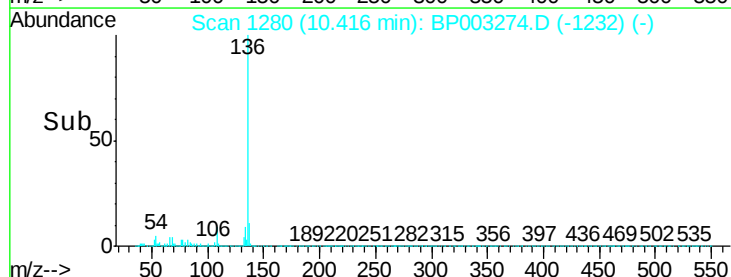
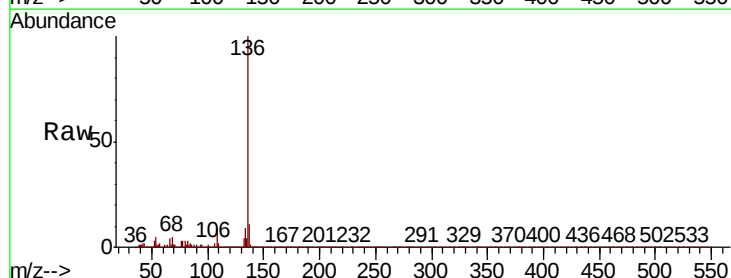
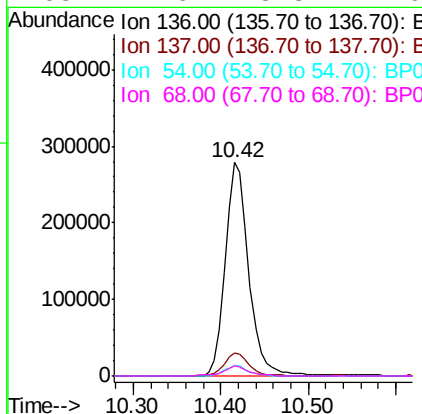
RT: 10.42 min Scan# 1280

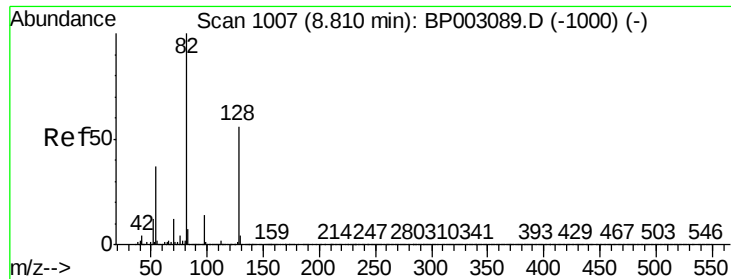
Delta R.T. -0.02 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 513249 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.6   | 13.0   |
| 54        | 4.7   | 3.6   | 5.4    |
| 68        | 4.6   | 3.3   | 4.9    |





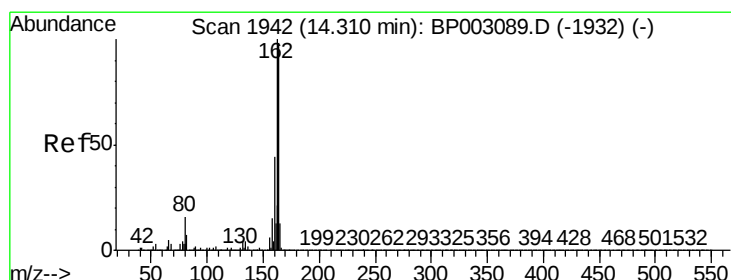
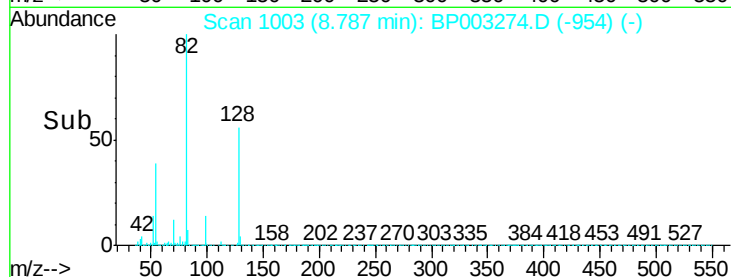
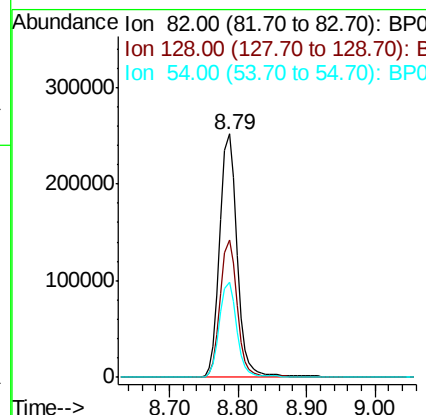
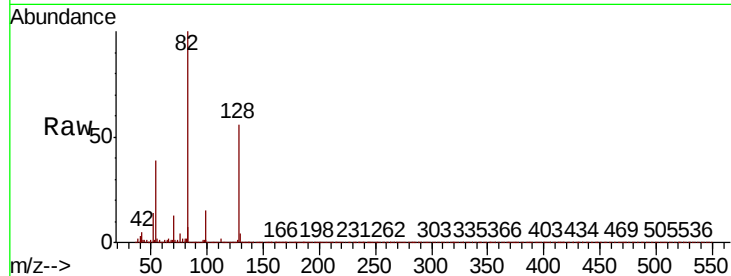
#23  
Nitrobenzene-d5  
Concen: 62.644 ng  
RT: 8.79 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

Instrument :  
BNA\_P  
ClientSampleId :  
B17-0-2

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 56.3  | 45.6 | 68.4  |       |
| 54      | 38.8  | 30.1 | 45.1  |       |

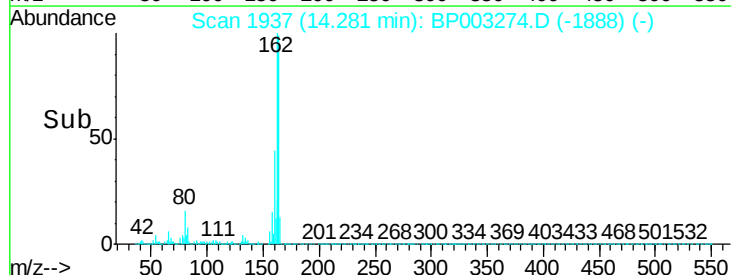
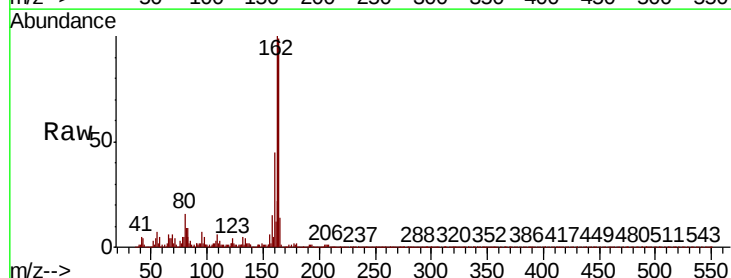
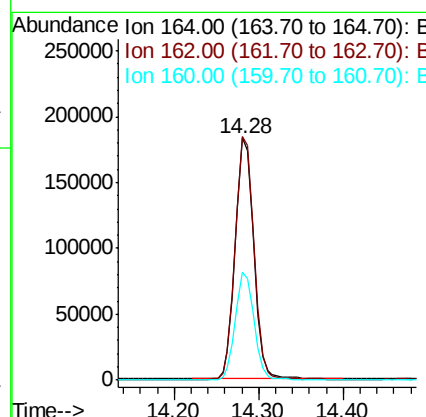
Manual Integrations  
APPROVED

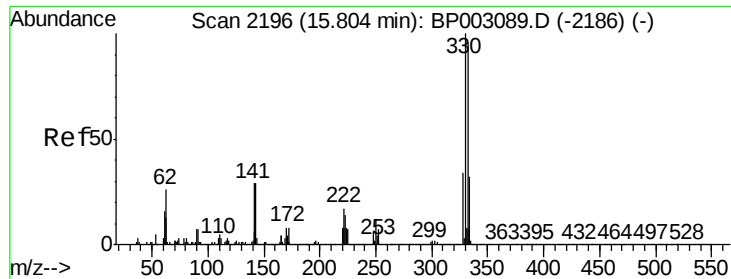
mohammad  
9/15/2020 1:20:50 PM



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.28 min Scan# 1937  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 100.5 | 79.4 | 119.2 |       |
| 160     | 44.8  | 36.1 | 54.1  |       |





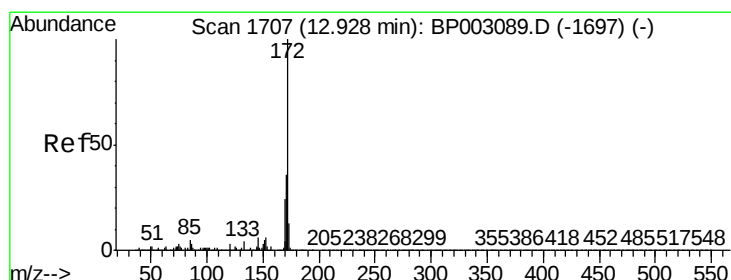
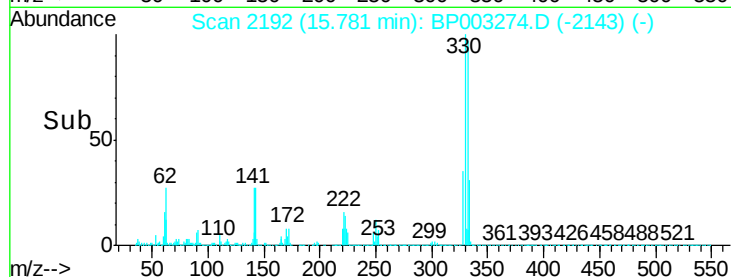
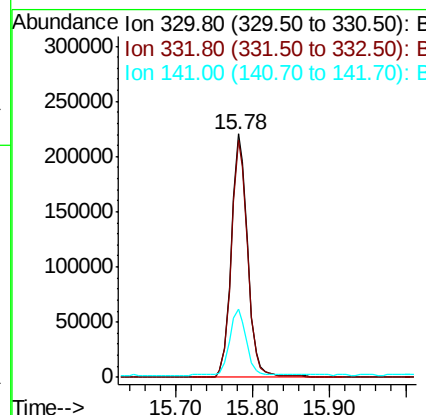
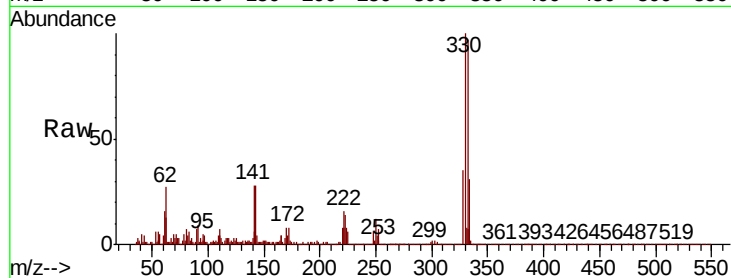
#42  
2,4,6-Tribromophenol  
Concen: 88.202 ng  
RT: 15.78 min Scan# 2192  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

Instrument :  
BNA\_P  
ClientSampleId :  
B17-0-2

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 326766 |       |       |
| 332     | 97.6  |        | 77.1  | 115.7 |
| 141     | 26.6  |        | 23.4  | 35.2  |

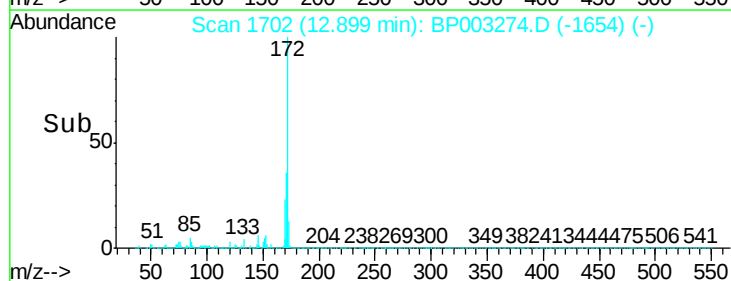
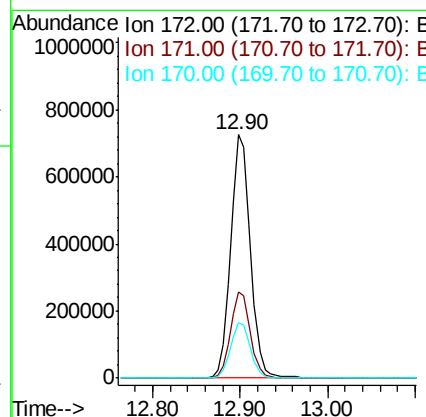
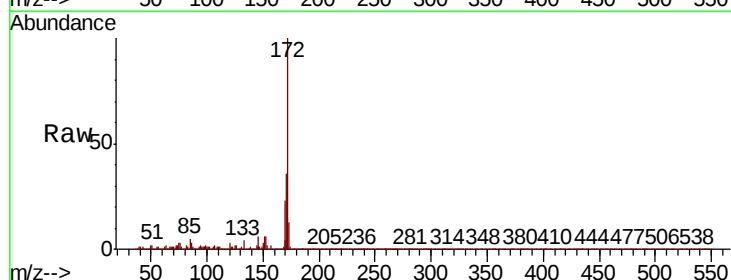
Manual Integrations  
APPROVED

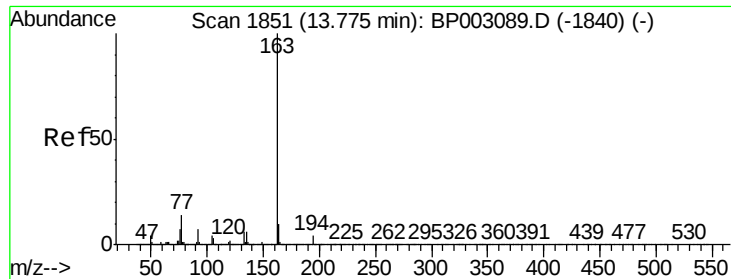
mohammad  
9/15/2020 1:20:50 PM



#45  
2-Fluorobiphenyl  
Concen: 60.202 ng  
RT: 12.90 min Scan# 1702  
Delta R.T. -0.02 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1126080 |       |       |
| 171     | 35.5  |         | 28.5  | 42.7  |
| 170     | 23.0  |         | 19.2  | 28.8  |





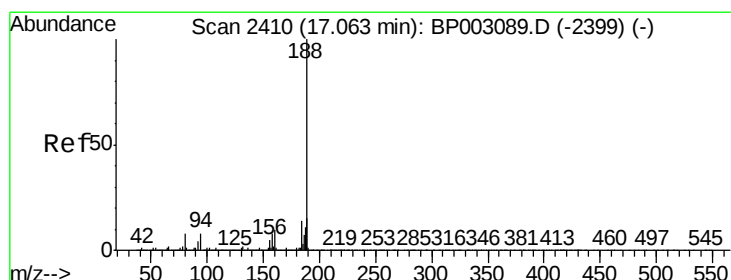
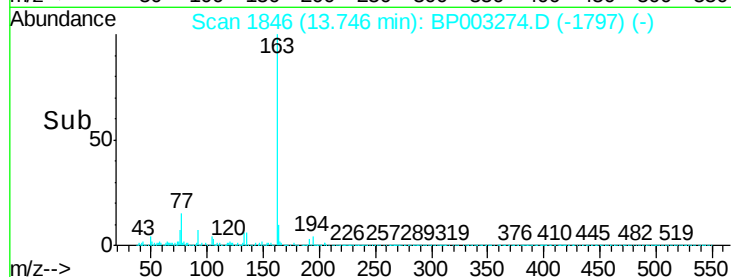
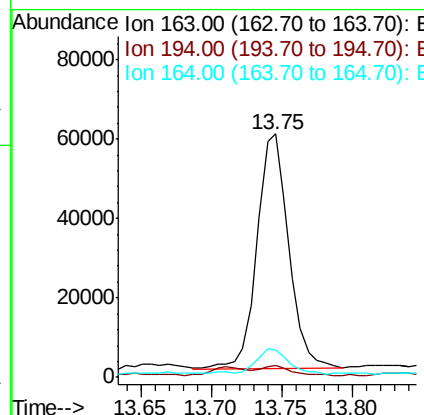
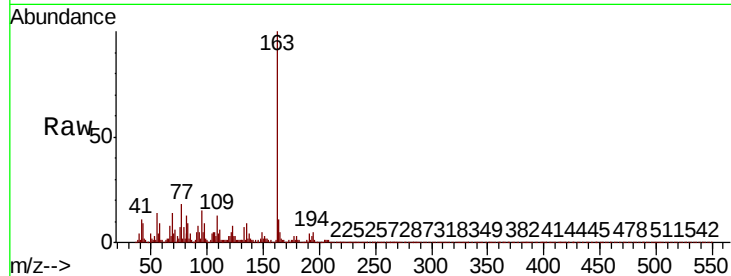
#50  
Dimethylphthalate  
Concen: 4.466 ng  
RT: 13.75 min Scan# 1846  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

Instrument :  
BNA\_P  
ClientSampleId :  
B17-0-2

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 163     | 100  |       |      |       |       |
| 194     | 4.8  |       | 3.3  | 4.9   |       |
| 164     | 11.2 |       | 8.2  | 12.2  |       |

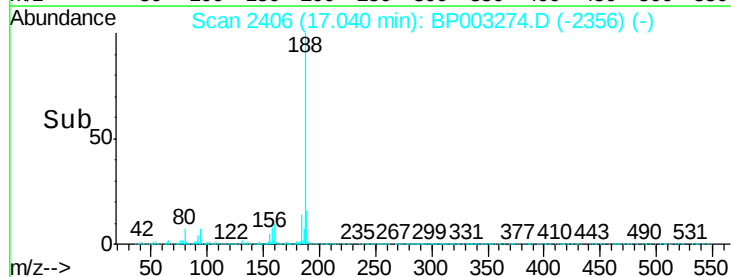
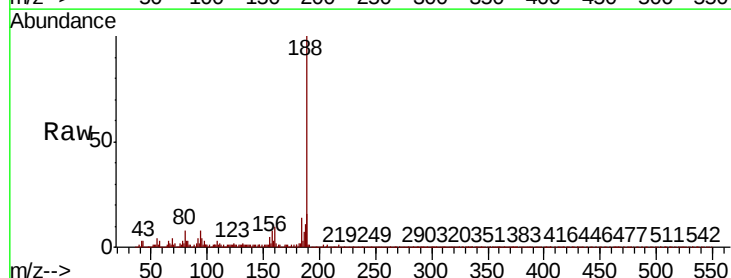
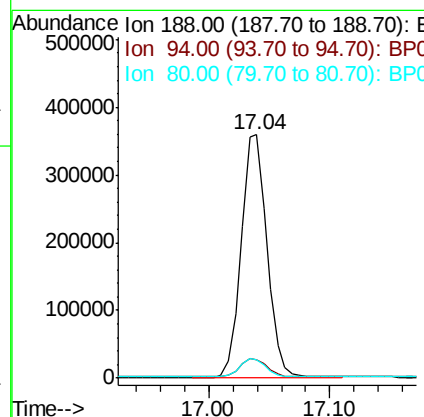
Manual Integrations  
APPROVED

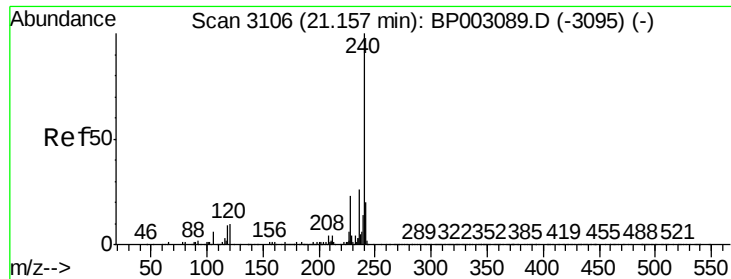
mohammad  
9/15/2020 1:20:50 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.04 min Scan# 2406  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 188     | 100 |       |      |       |       |
| 94      | 7.7 |       | 6.2  | 9.2   |       |
| 80      | 7.7 |       | 6.2  | 9.2   |       |





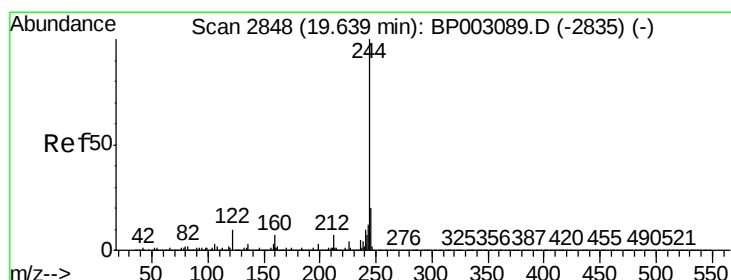
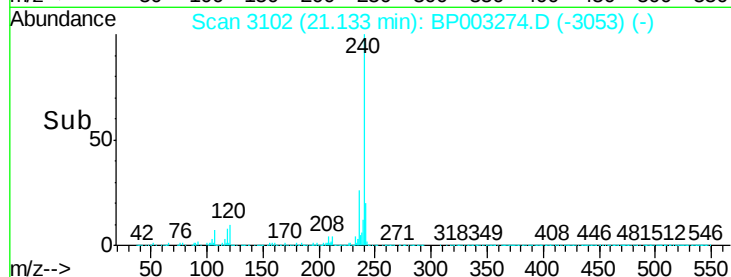
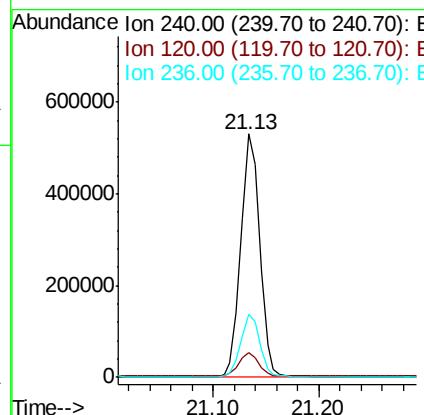
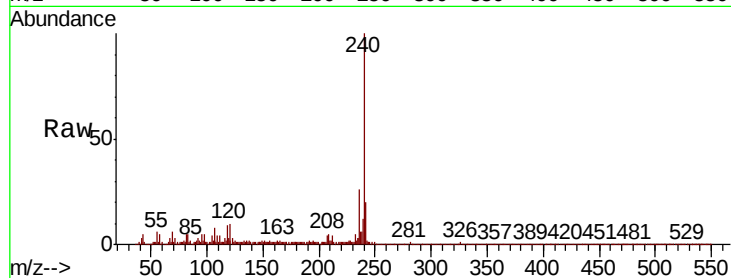
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.13 min Scan# 3102  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

Instrument :  
BNA\_P  
ClientSampleId :  
B17-0-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.2  | 7.8   | 11.6  |
| 236     | 26.2  | 20.8  | 31.2  |

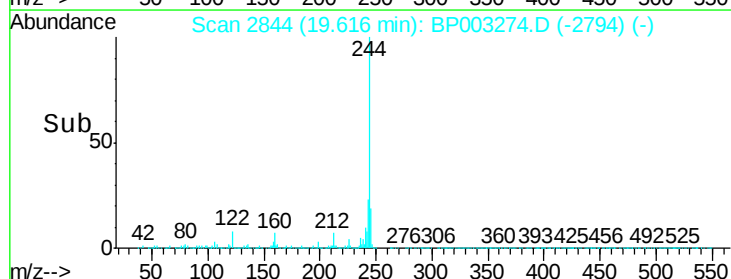
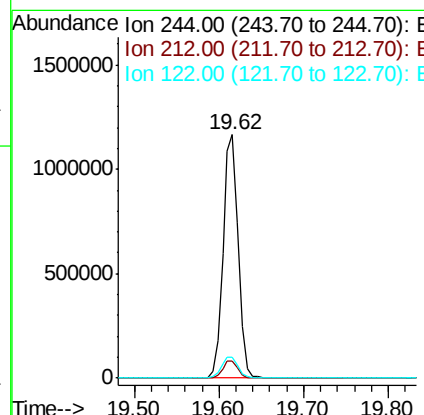
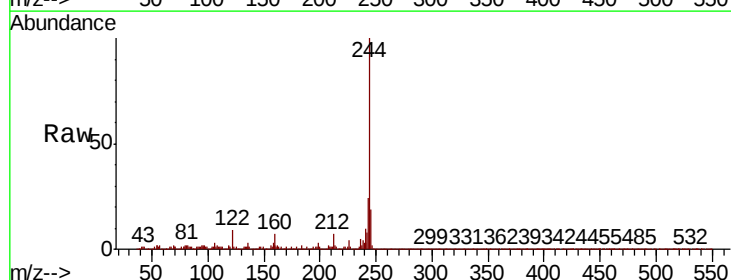
Manual Integrations  
APPROVED

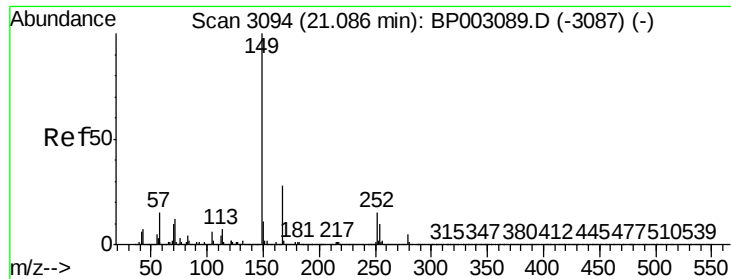
mohammad  
9/15/2020 1:20:50 PM



#79  
Terphenyl-d14  
Concen: 49.180 ng  
RT: 19.62 min Scan# 2844  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.8   | 8.6   |
| 122     | 8.6   | 7.8   | 11.8  |





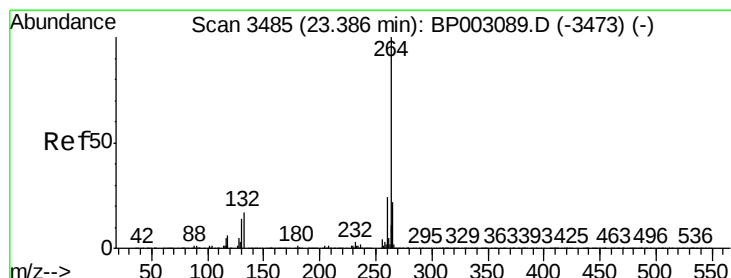
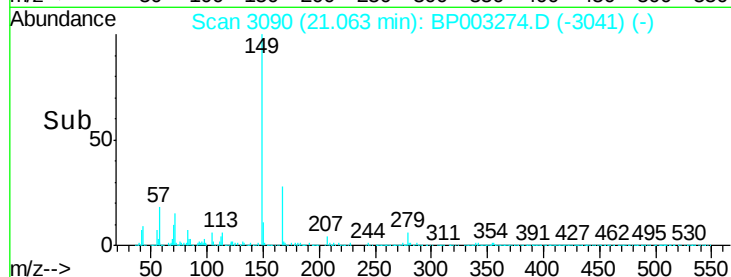
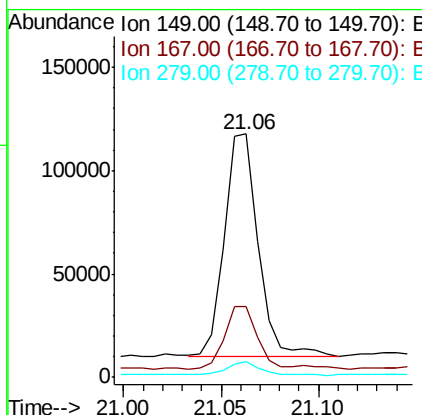
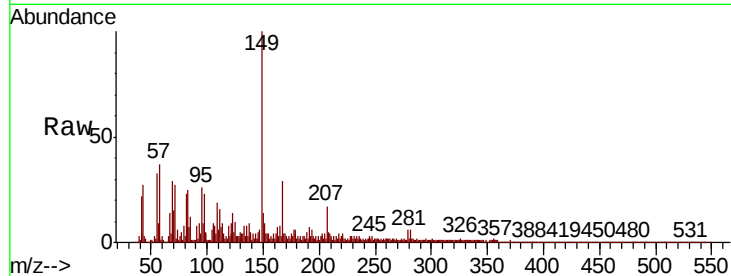
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.103 ng  
RT: 21.06 min Scan# 3090  
Delta R.T. -0.01 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

Instrument :  
BNA\_P  
ClientSampleId :  
B17-0-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.2  | 22.6  | 34.0  |
| 279     | 6.4   | 4.2   | 6.2#  |

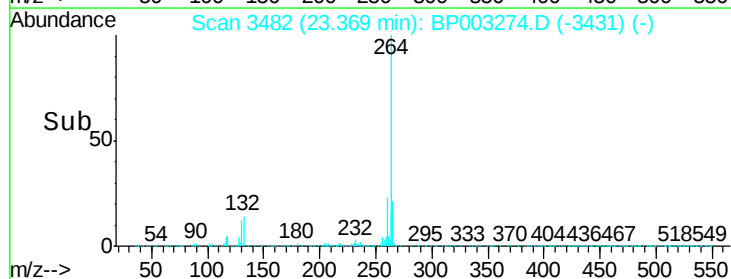
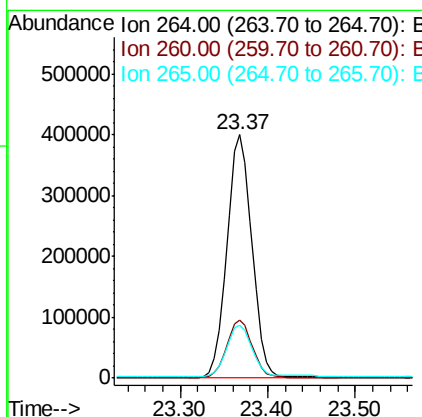
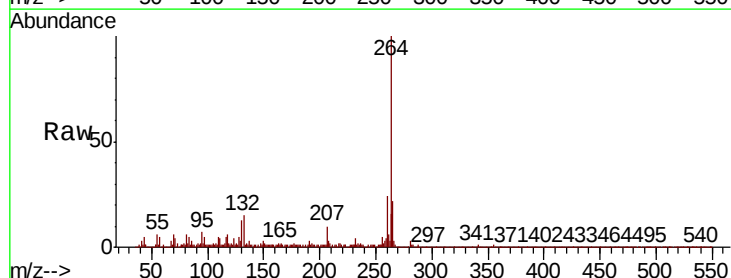
Manual Integrations  
APPROVED

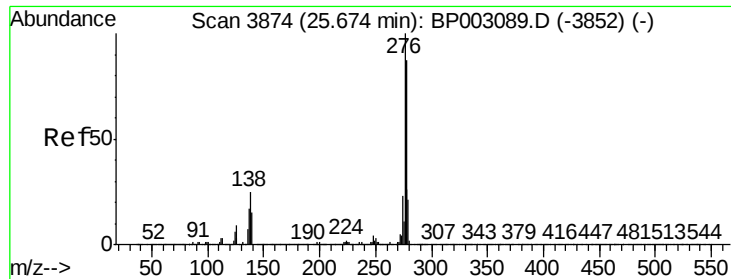
mohammad  
9/15/2020 1:20:50 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.37 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: BP003274.D  
Acq: 14 Sep 2020 18:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 18.8  | 28.2  |
| 265     | 21.8  | 17.4  | 26.2  |





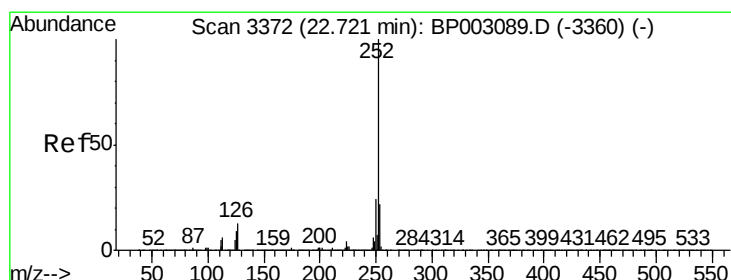
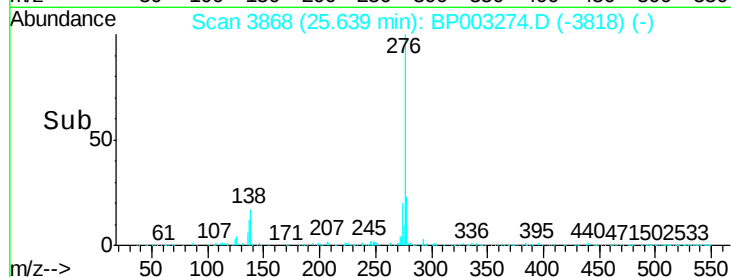
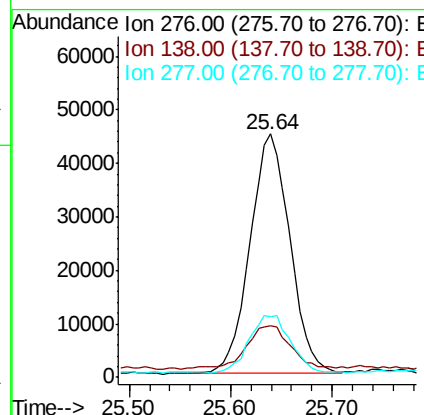
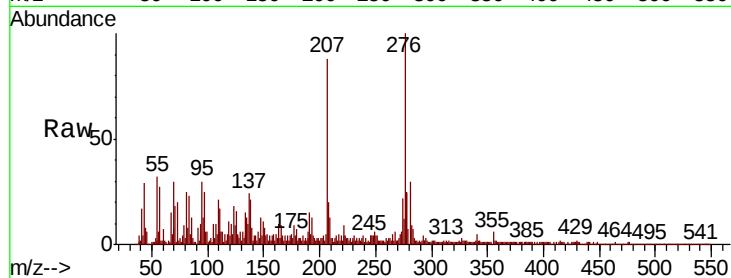
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.113 ng  
 RT: 25.64 min Scan# 3868  
 Delta R.T. -0.01 min  
 Lab File: BP003274.D  
 Acq: 14 Sep 2020 18:23

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B17-0-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.3  | 18.7  | 28.1  |
| 277     | 25.3  | 20.4  | 30.6  |

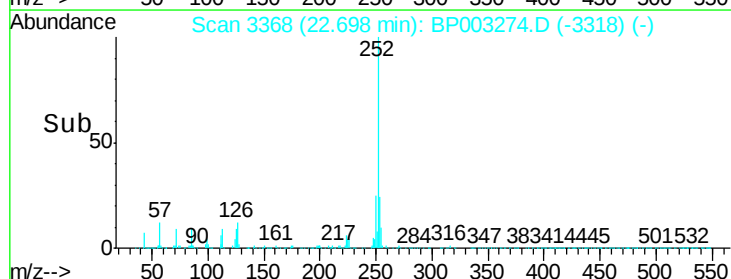
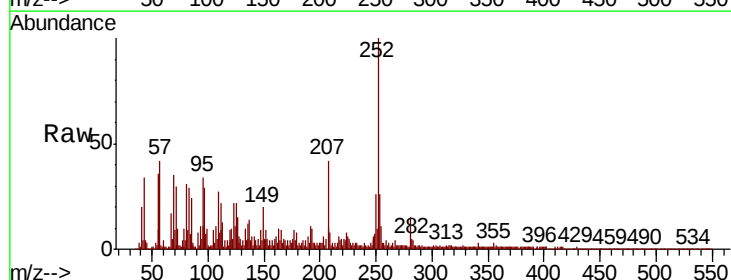
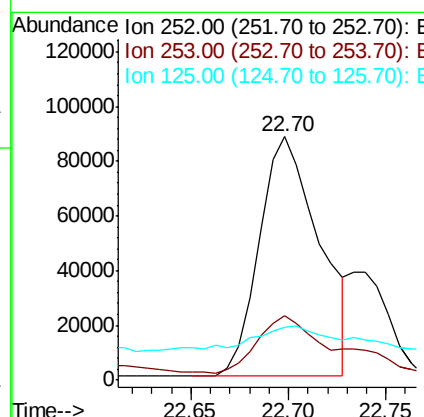
Manual Integrations  
 APPROVED

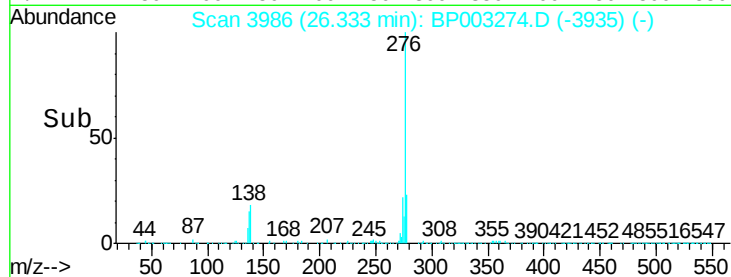
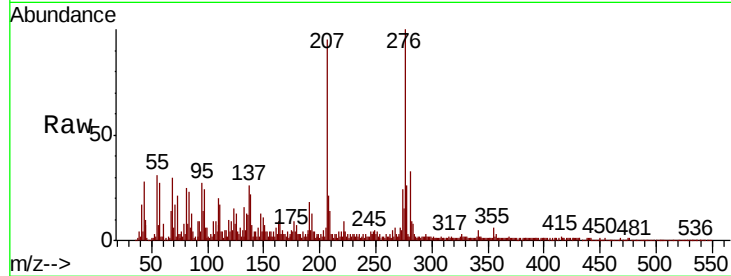
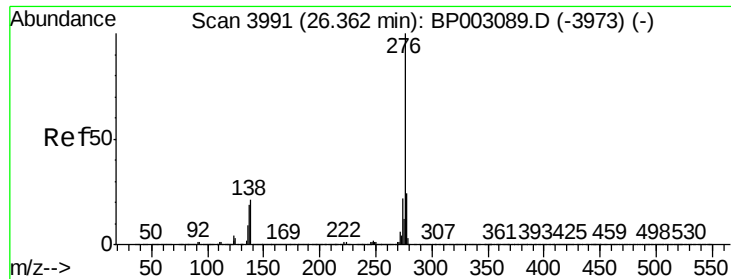
mohammad  
 9/15/2020 1:20:50 PM



#88  
 Benzo(b)fluoranthene  
 Concen: 3.907 ng m  
 RT: 22.70 min Scan# 3368  
 Delta R.T. -0.01 min  
 Lab File: BP003274.D  
 Acq: 14 Sep 2020 18:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.5  | 17.6  | 26.4# |
| 125     | 21.9  | 7.3   | 10.9# |





#92

Benzo(a,h,i)perylene

Concen: 2.696 ng

RT: 26.33 min Scan# 3986

Delta R.T. 0.00 min

Lab File: BP003274.D

Acq: 14 Sep 2020 18:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 127827 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 25.7  | 19.0  | 28.6   |
| 138       | 21.6  | 16.6  | 24.8   |

Instrument :

BNA\_P

ClientSampleId :

B17-0-2

Manual Integrations  
APPROVED

mohammad  
9/15/2020 1:20:50 PM

