

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012718\  
 Data File : BF102524.D  
 Acq On : 27 Jan 2018 21:36  
 Operator : SJ/JU  
 Sample : J1010-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-01-012518

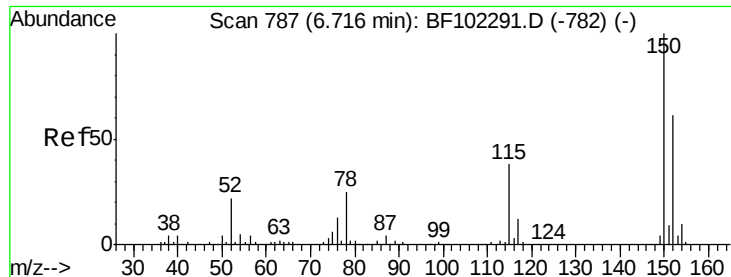
Manual Integrations  
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Sohil  
 1/29/2018 5:44:40 PM

Quant Time: Jan 27 22:25:50 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 27 20:48:40 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.72  | 152  | 138234   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.00  | 136  | 489186   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 168978   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 266545m  | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.88 | 240  | 298243   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.31 | 264  | 245374   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.33  | 112  | 999476   | 109.63 | ng    | 0.01     |
| 7) Phenol-d6                | 6.36  | 99   | 1128665  | 102.69 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 663335   | 77.92  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 152166   | 90.88  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 898405   | 78.17  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 758050   | 57.30  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.37  | 94   | 46726    | 3.894  | ng    | 96       |
| 49) Dimethylphthalate       | 9.47  | 163  | 88432    | 6.331  | ng    | 99       |
| 74) Fluoranthene            | 12.45 | 202  | 35655    | 2.251  | ng    | 96       |

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



#1

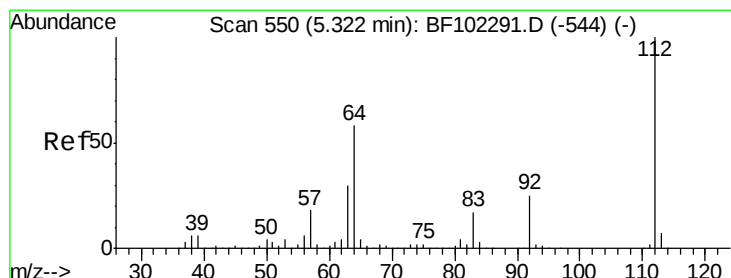
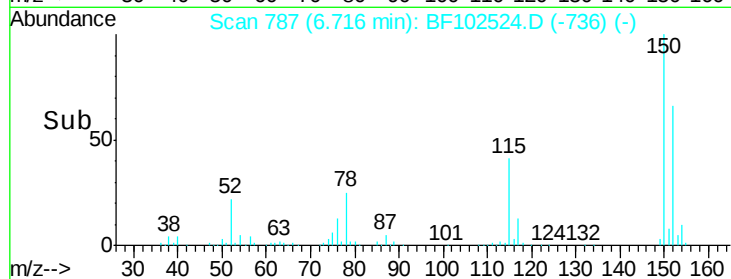
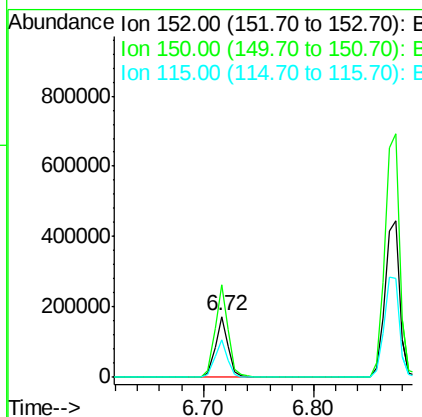
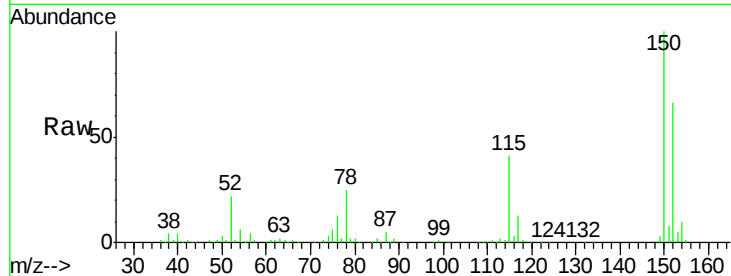
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 787  
Delta R.T. -0.00 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-012518

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.2 | 124.6 | 186.8 |
| 115     | 62.5  | 50.1  | 75.1  |

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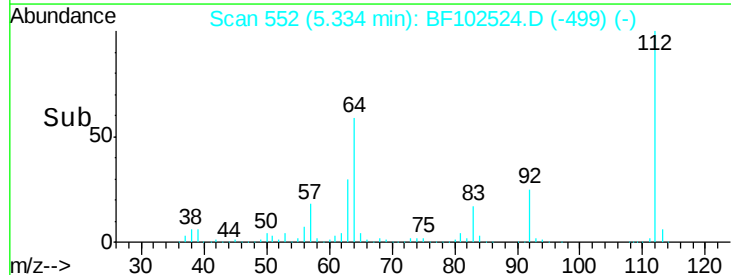
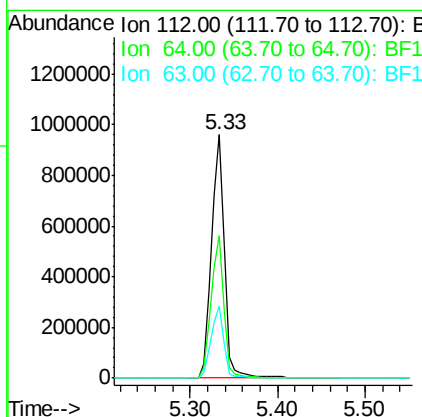
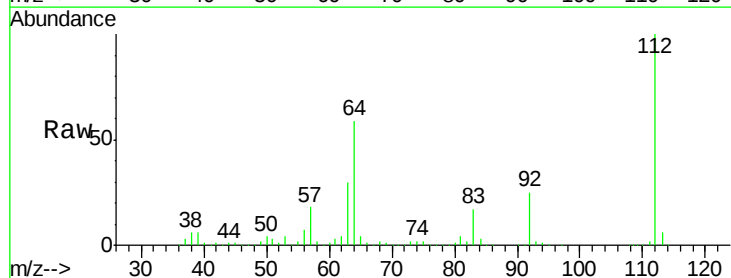
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1/29/2018 5:44:40 PM

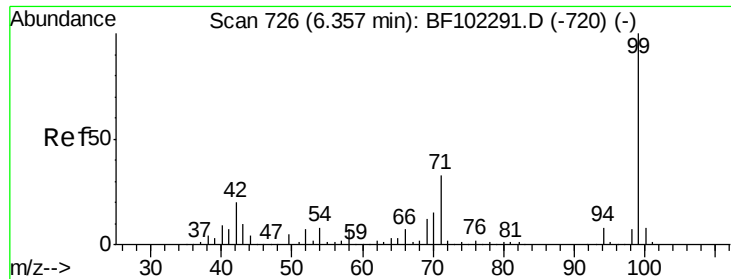


#5

2-Fluorophenol  
Concen: 109.630 ng  
RT: 5.33 min Scan# 552  
Delta R.T. 0.01 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.7  | 47.9  | 71.9  |
| 63      | 29.9  | 23.7  | 35.5  |





#7

Phenol-d6

Concen: 102.689 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102524.D

Acq: 27 Jan 2018 21:36

Instrument :

BNA\_F

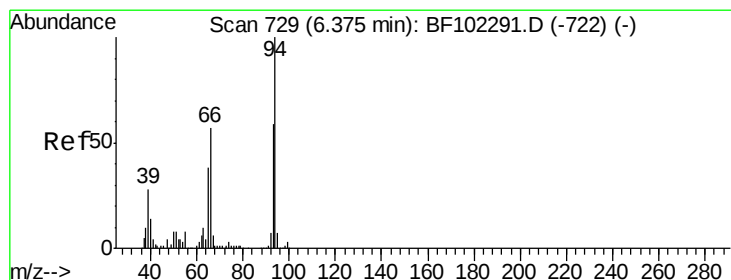
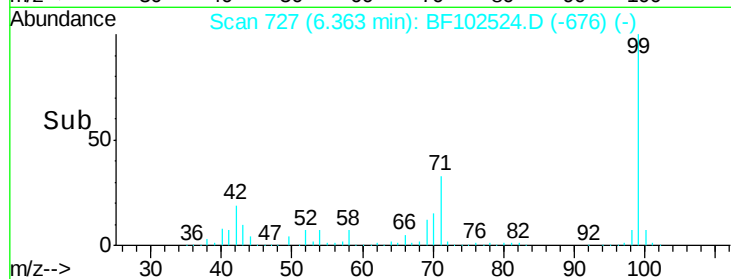
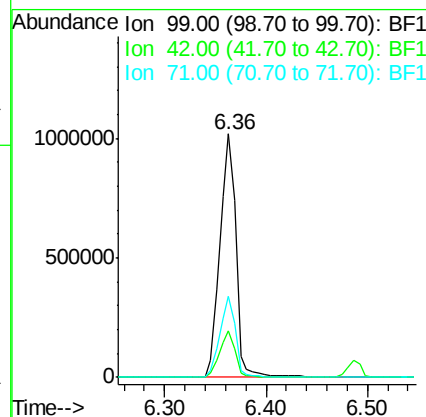
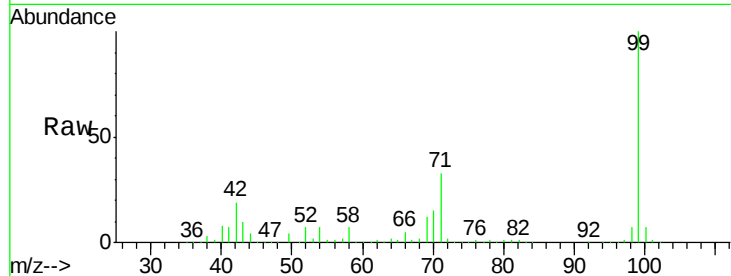
ClientSampleId :

BU-01-012518

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 99    | Resp: | 1128665 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 19.2  | 14.5  | 21.7    |
| 71       | 33.4  | 25.4  | 38.0    |

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#10

Phenol

Concen: 3.894 ng

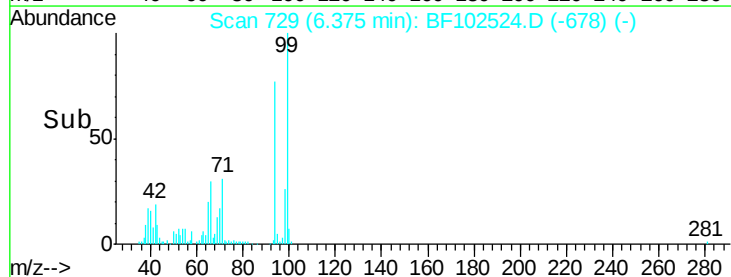
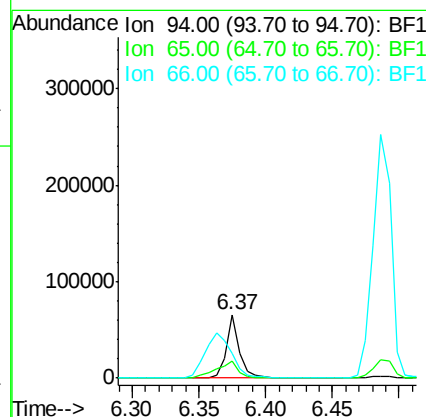
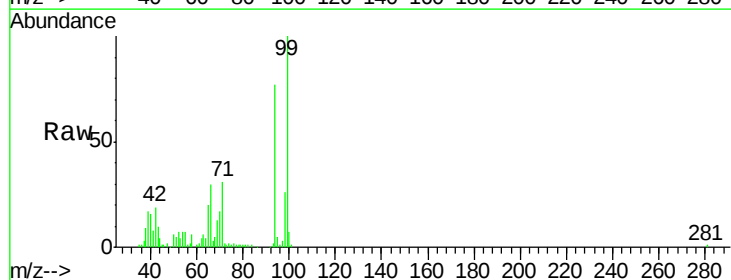
RT: 6.37 min Scan# 729

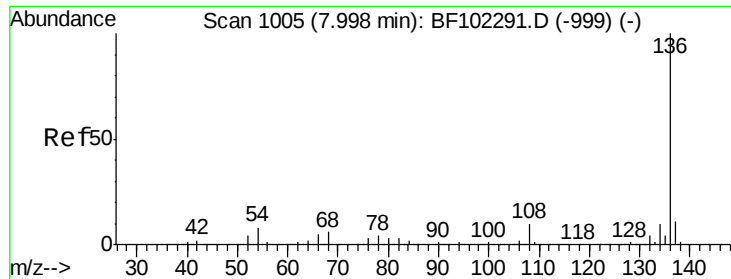
Delta R.T. -0.00 min

Lab File: BF102524.D

Acq: 27 Jan 2018 21:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 46726 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 26.0  | 7.9   | 47.9  |
| 66       | 39.0  | 16.2  | 56.2  |





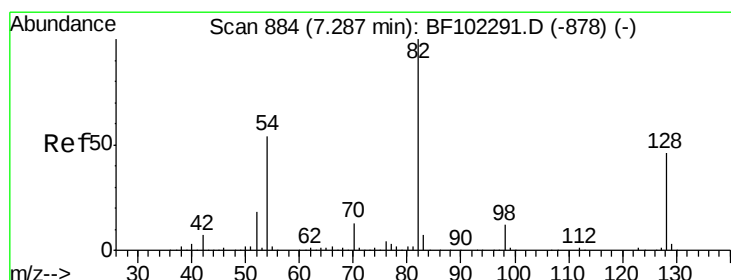
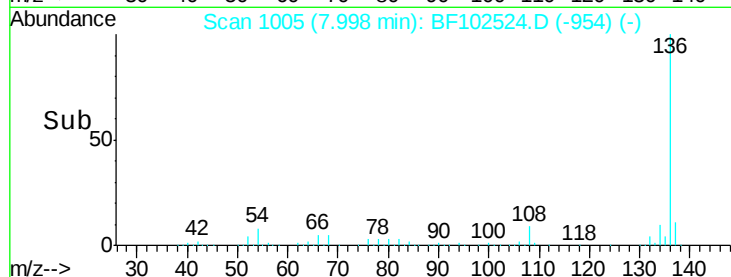
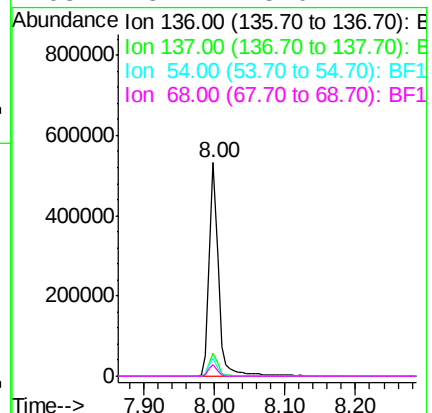
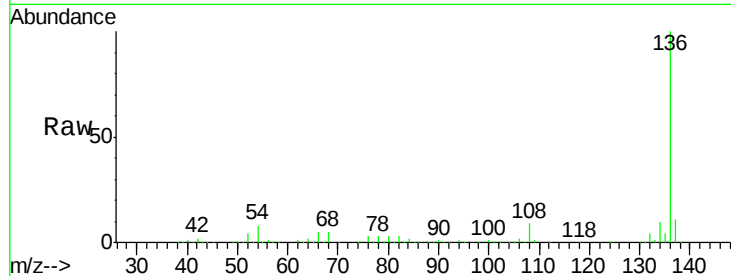
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-012518

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 489186 |       |       |
| 137     | 11.1  | 8.9    | 13.3  |       |
| 54      | 8.2   | 6.6    | 9.8   |       |
| 68      | 5.4   | 5.0    | 7.4   |       |

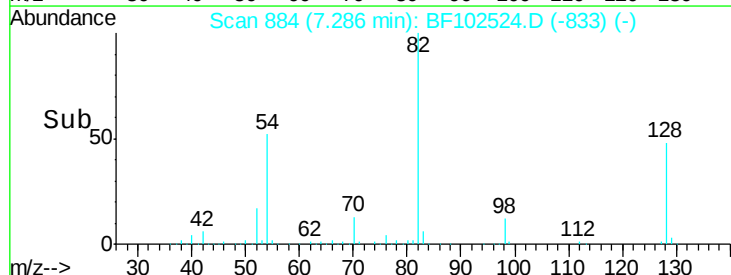
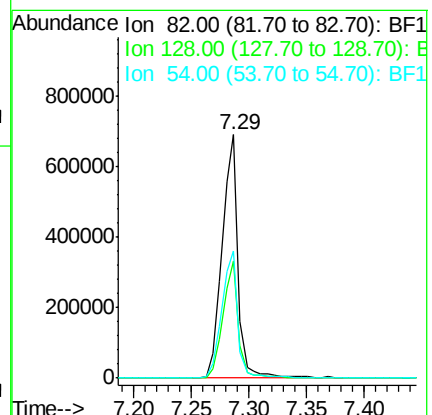
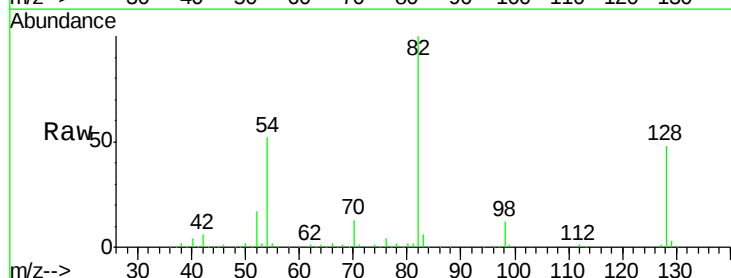
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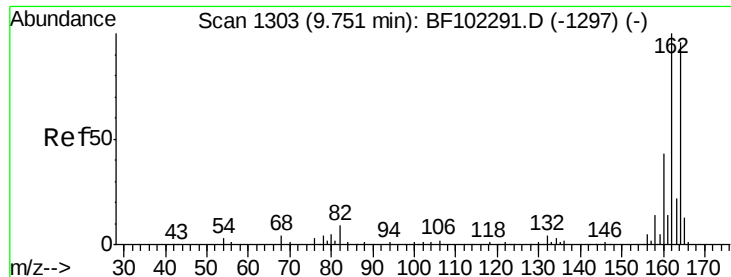
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#23  
Nitrobenzene-d5  
Concen: 77.925 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 663335 |       |       |
| 128     | 48.2  | 36.1   | 54.1  |       |
| 54      | 52.2  | 41.4   | 62.2  |       |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102524.D

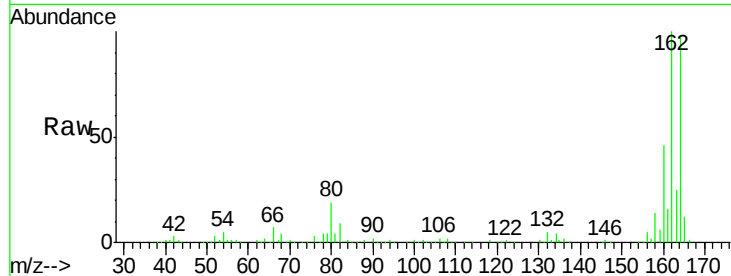
Acq: 27 Jan 2018 21:36

Instrument :

BNA\_F

ClientSampleId :

BU-01-012518



Tgt Ion:164 Resp: 168978

Ion Ratio Lower Upper

164 100

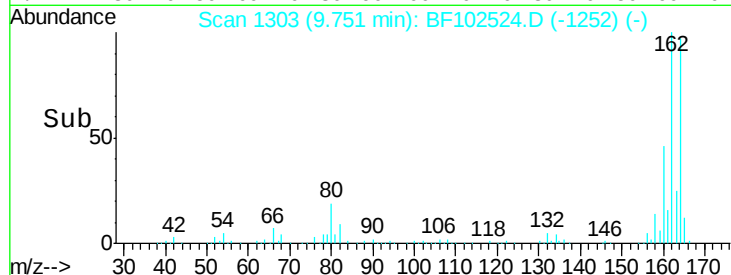
162 102.9 86.1 129.1

160 46.9 38.3 57.5

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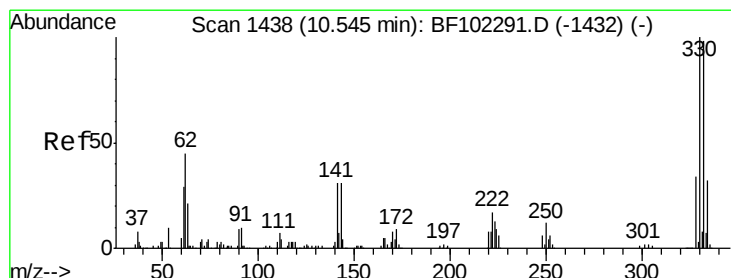
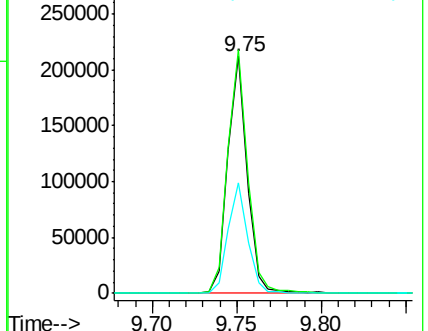
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 90.882 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102524.D

Acq: 27 Jan 2018 21:36

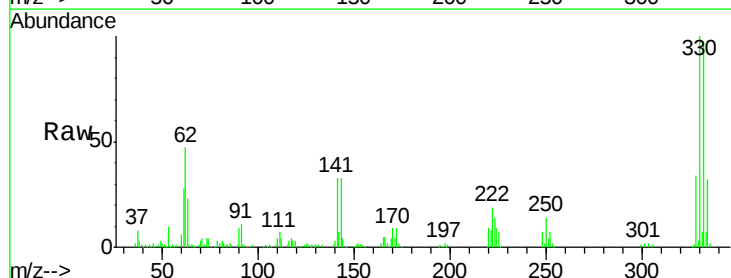
Tgt Ion:330 Resp: 152166

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

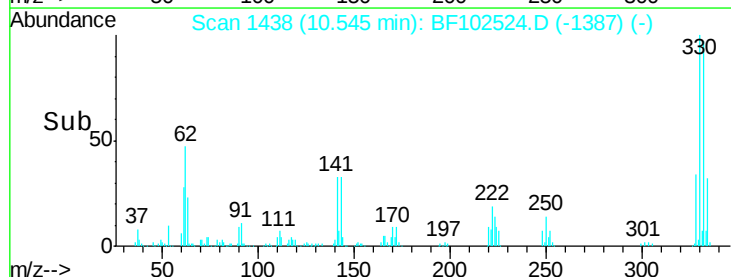
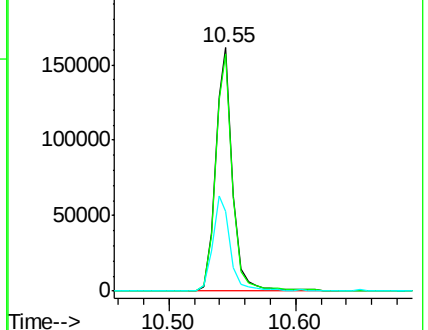
141 40.9 29.9 44.9

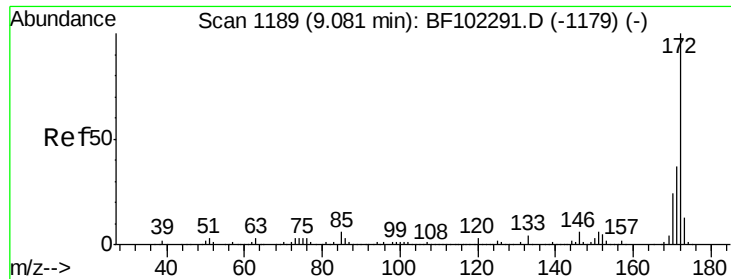


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





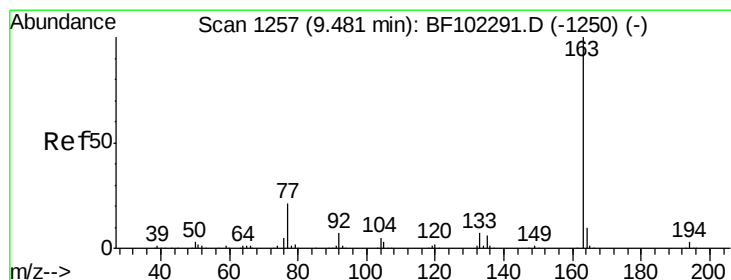
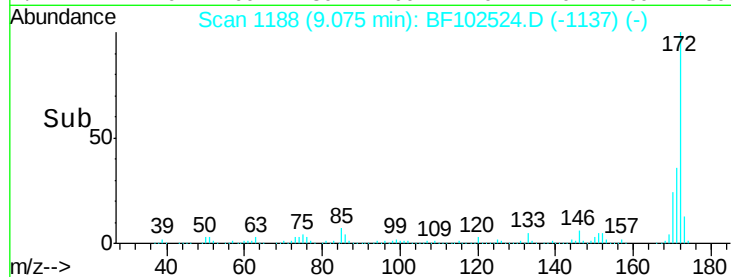
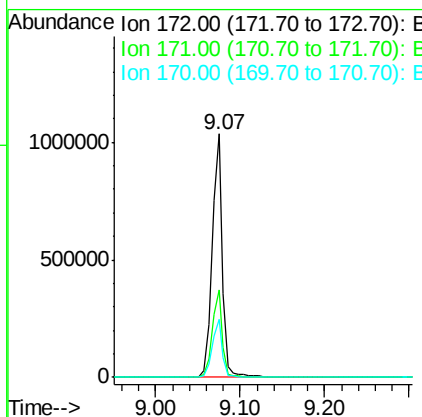
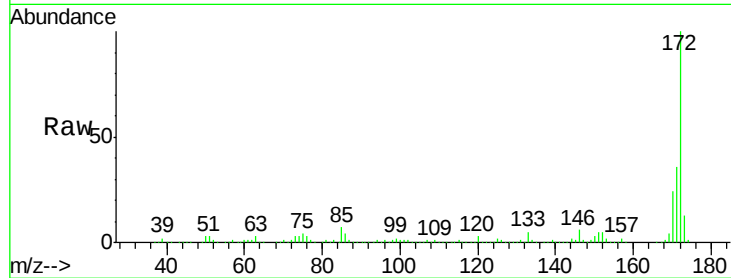
#44  
2-Fluorobiphenyl  
Concen: 78.174 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.00 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-012518

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 898405 |       |       |
| 171     | 36.0  |        | 29.7  | 44.5  |
| 170     | 23.8  |        | 19.6  | 29.4  |

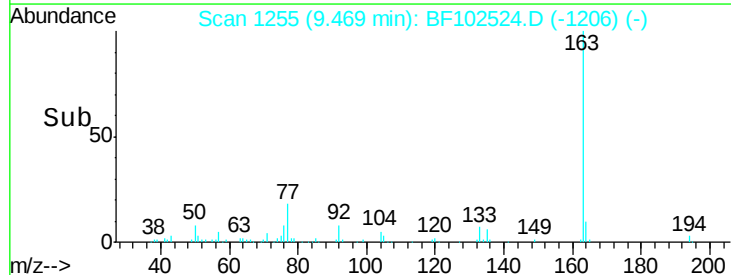
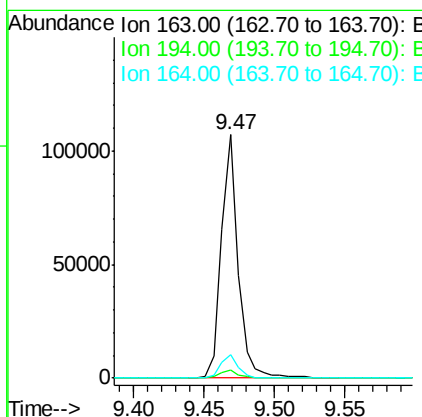
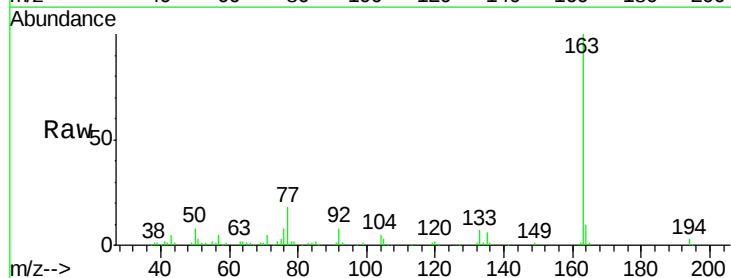
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#49  
Dimethylphthalate  
Concen: 6.331 ng  
RT: 9.47 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 88432 |       |       |
| 194     | 3.4   |       | 2.7   | 4.1   |
| 164     | 9.6   |       | 8.2   | 12.2  |





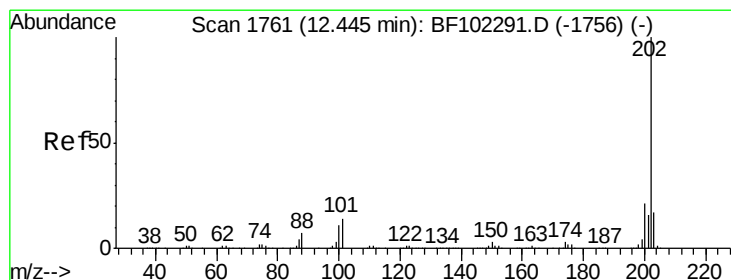
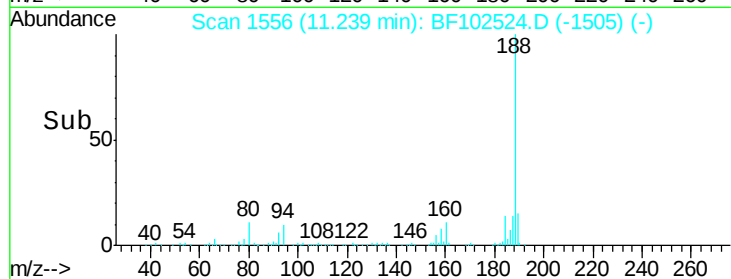
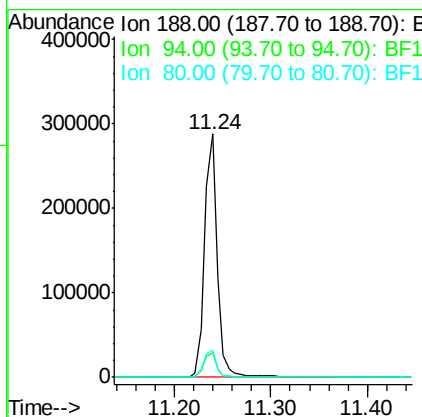
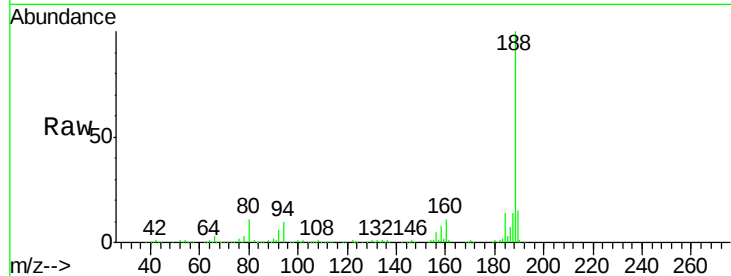
#63  
Phenanthrene-d10  
Concen: 20.000 ng m  
RT: 11.24 min Scan# 1556  
Delta R.T. -0.00 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-012518

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 266545 |       |       |
| 94      | 10.1  | 8.5    | 12.7  |       |
| 80      | 11.4  | 9.2    | 13.8  |       |

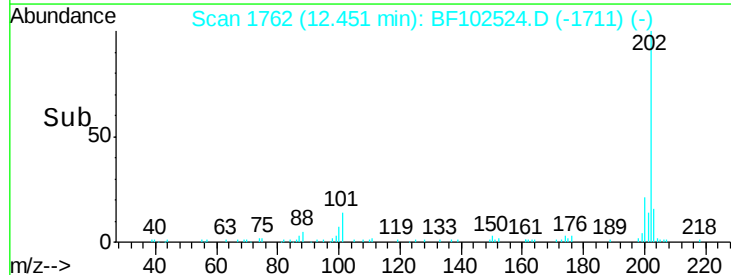
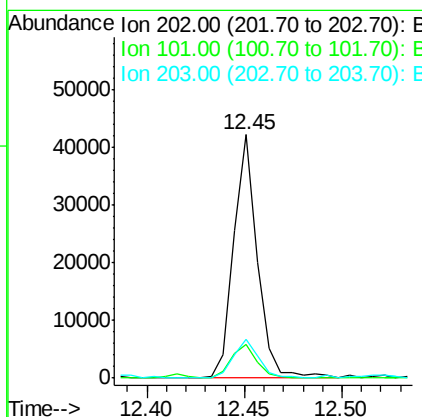
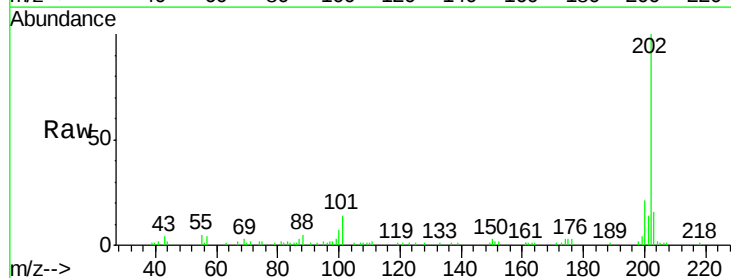
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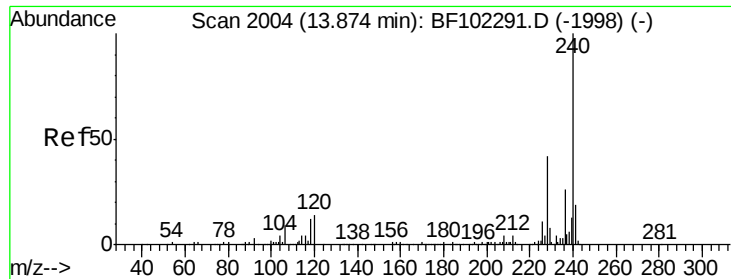
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#74  
Fluoranthene  
Concen: 2.251 ng  
RT: 12.45 min Scan# 1762  
Delta R.T. -0.00 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 202     | 100   | 35655 |       |       |
| 101     | 13.6  | 0.0   | 34.1  |       |
| 203     | 15.7  | 0.0   | 38.1  |       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102524.D

Acq: 27 Jan 2018 21:36

Instrument :

BNA\_F

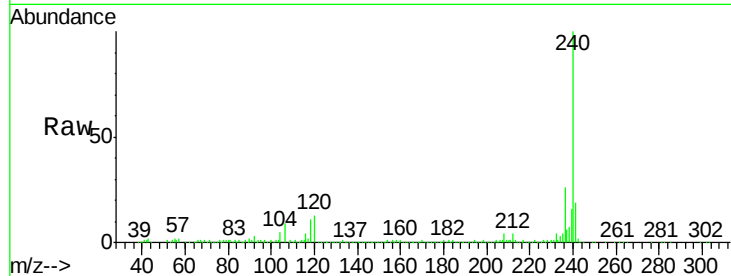
ClientSampleId :

BU-01-012518

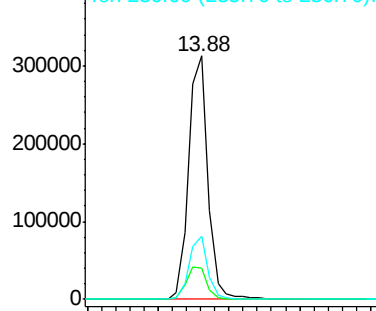
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 298243 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.5  | 9.5   | 14.3   |
| 236       | 26.0  | 20.7  | 31.1   |

Manual Integrations  
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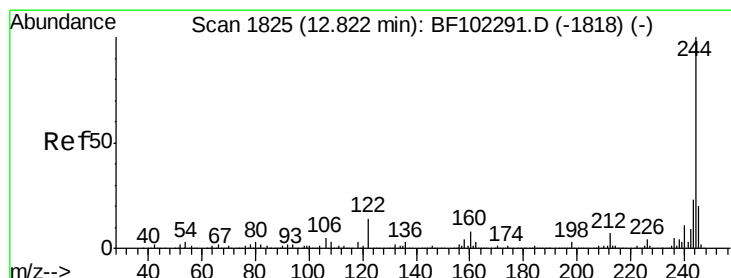
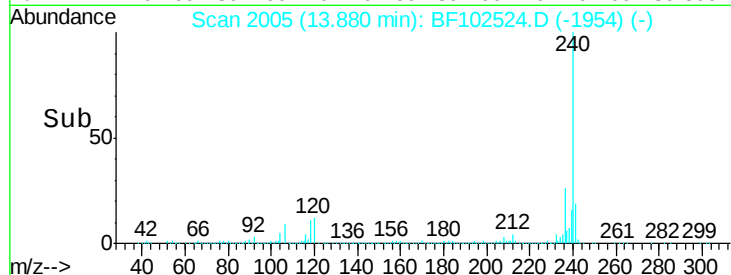
Sohil  
1/29/2018 5:44:40 PM



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



Time--> 13.80 13.85 13.90 13.95



#78

Terphenyl-d14

Concen: 57.299 ng

RT: 12.82 min Scan# 1825

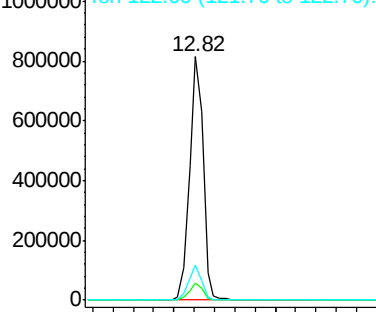
Delta R.T. -0.00 min

Lab File: BF102524.D

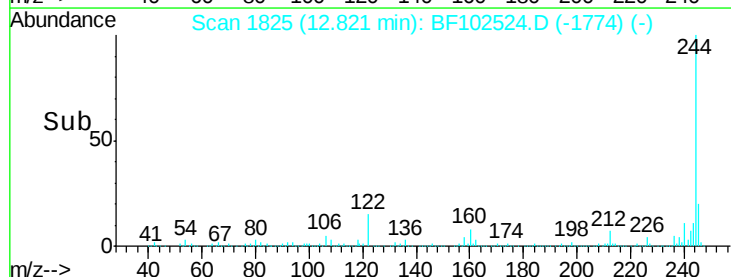
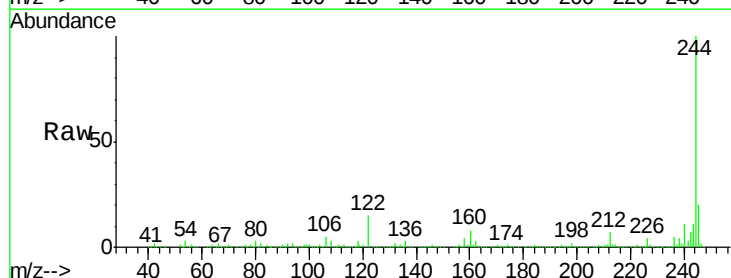
Acq: 27 Jan 2018 21:36

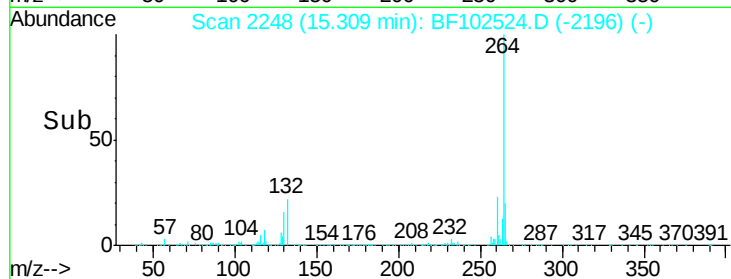
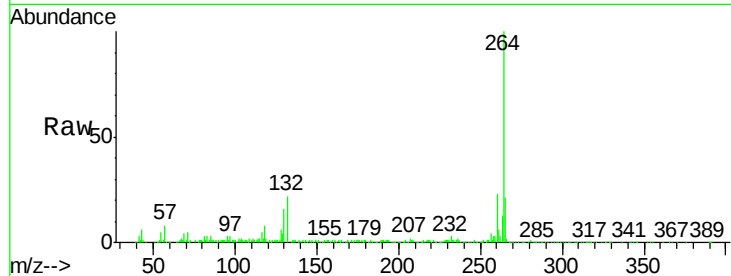
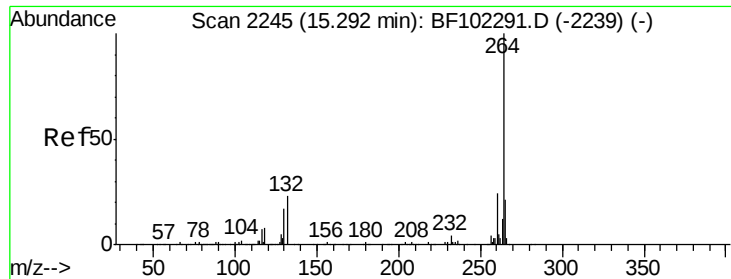
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 758050 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.8   | 5.4   | 8.0    |
| 122       | 14.6  | 11.0  | 16.4   |

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--> 12.80 12.90





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.31 min Scan# 2248  
Delta R.T. 0.01 min  
Lab File: BF102524.D  
Acq: 27 Jan 2018 21:36

Instrument :  
BNA\_F  
ClientSampleId :  
BU-01-012518

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.2  | 28.8  |
| 265     | 20.5  | 17.5  | 26.3  |

Manual Integrations  
APPROVED

Sohil  
1/29/2018 5:44:40 PM

