

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\  
 Data File : BN010320.D  
 Acq On : 21 Mar 2020 01:43  
 Operator : CG/JU  
 Sample : L1992-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 INDIAN-ISLAND-(4)

Manual Integrations  
 APPROVED

mohammad  
 3/23/2020 9:43:08 AM

Quant Time: Mar 21 02:38:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 19 15:26:45 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 4893     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.38 | 136  | 17587    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.24 | 164  | 10880    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 16.99 | 188  | 26441    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.19 | 240  | 28622    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.35 | 264  | 29197    | 0.40 | ng    | -0.01    |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.25  | 112 | 1639  | 0.17 | ng | 0.00 |
| 5) Phenol-d6                | 6.80  | 99  | 1234  | 0.10 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.74  | 82  | 6891  | 0.61 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.97 | 152 | 9411  | 0.34 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.73 | 330 | 1393  | 0.33 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.86 | 172 | 26750 | 0.64 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.02 | 212 | 27426 | 0.34 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.63 | 244 | 34033 | 0.55 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 9) Naphthalene                 | 10.43 | 128 | 32670 | 0.745  | ng | 100  |
| 12) 2-Methylnaphthalene        | 12.05 | 142 | 32564 | 1.071  | ng | 99   |
| 16) Acenaphthylene             | 13.96 | 152 | 2381  | 0.056  | ng | # 58 |
| 17) Acenaphthene               | 14.30 | 154 | 10238 | 0.337  | ng | 96   |
| 18) Fluorene                   | 15.29 | 166 | 17310 | 0.428  | ng | 100  |
| 23) Phenanthrene               | 17.03 | 178 | 59601 | 0.820  | ng | 100  |
| 24) Anthracene                 | 17.11 | 178 | 3628  | 0.058  | ng | # 90 |
| 26) Fluoranthene               | 19.05 | 202 | 14071 | 0.158  | ng | 99   |
| 28) Pyrene                     | 19.41 | 202 | 19707 | 0.221  | ng | 97   |
| 30) Benzo(a)anthracene         | 21.16 | 228 | 6565  | 0.072  | ng | # 90 |
| 31) Chrysene                   | 21.22 | 228 | 7794  | 0.080  | ng | # 92 |
| 32) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 3669  | 0.119  | ng | 97   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.50 | 276 | 2580  | 0.025  | ng | 97   |
| 35) Benzo(b)fluoranthene       | 22.71 | 252 | 5109  | 0.051  | ng | # 62 |
| 36) Benzo(k)fluoranthene       | 22.75 | 252 | 2270m | 0.022  | ng |      |
| 37) Benzo(a)pyrene             | 23.26 | 252 | 4363  | 0.052  | ng | # 64 |
| 39) Benzo(a,h,i)perylene       | 26.15 | 276 | 3125  | 0.034  | ng | # 83 |

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

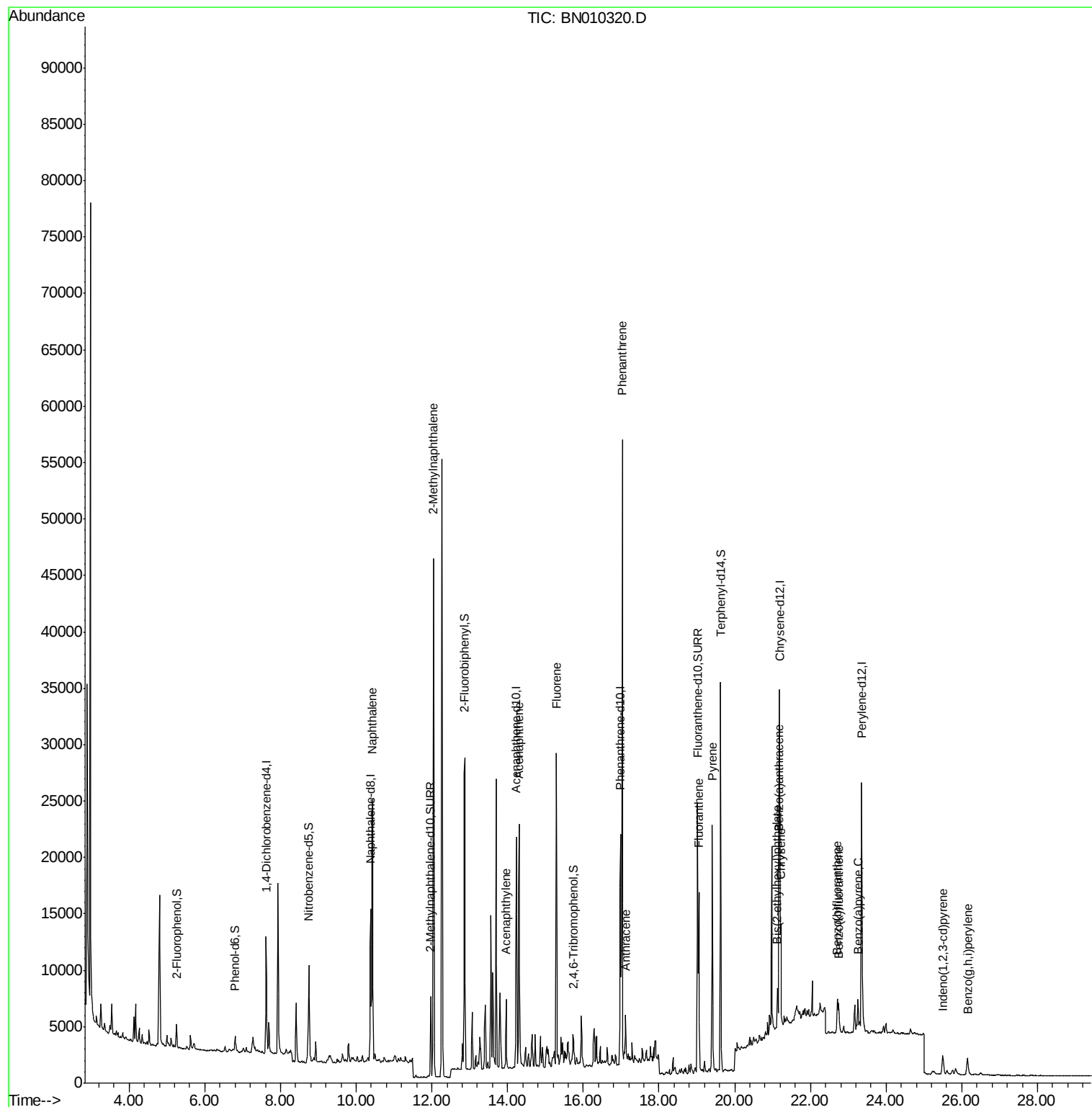
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\  
Data File : BN010320.D  
Acq On : 21 Mar 2020 01:43  
Operator : CG/JU  
Sample : L1992-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

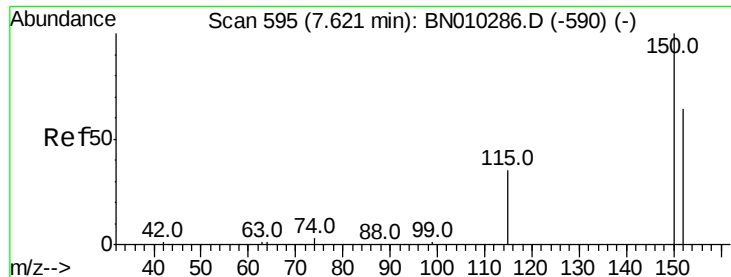
Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

Manual Integrations  
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Quant Time: Mar 21 02:38:34 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 19 15:26:45 2020  
Response via : Initial Calibration





#1

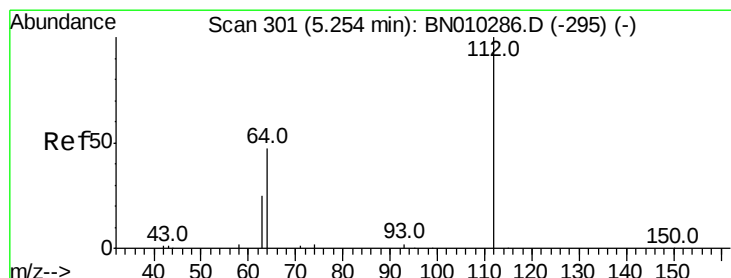
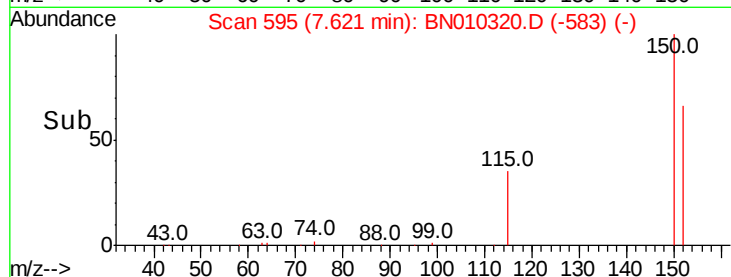
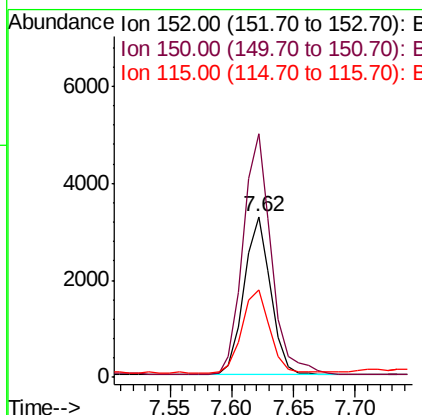
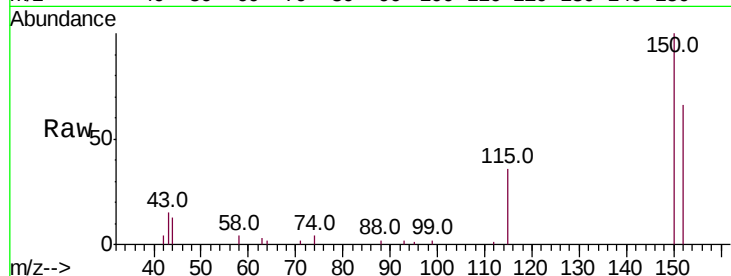
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.62 min Scan# 595  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.4 | 123.1 | 184.7 |
| 115     | 54.6  | 45.2  | 67.8  |

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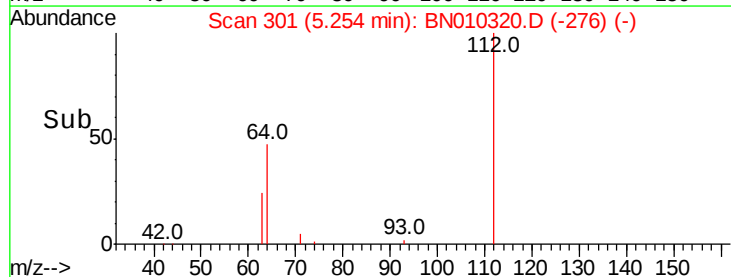
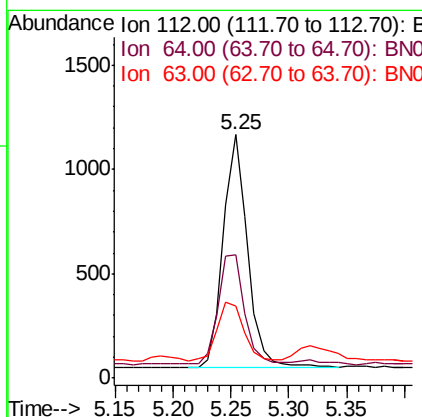
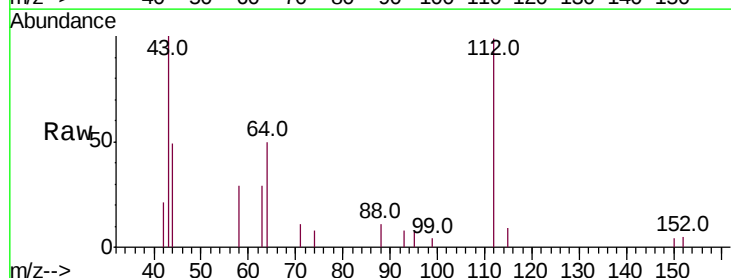
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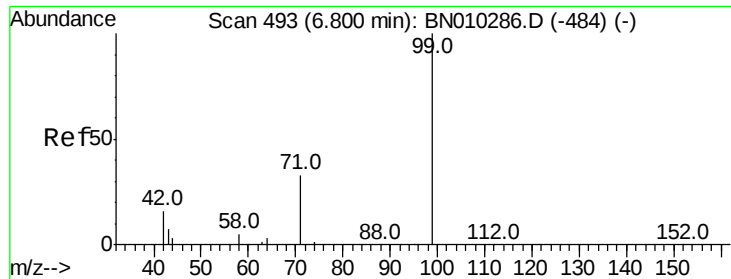


#4

2-Fluorophenol  
Concen: 0.169 ng  
RT: 5.25 min Scan# 301  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 50.8  | 41.4  | 62.2  |
| 63      | 27.3  | 22.9  | 34.3  |





#5

Phenol-d6

Concen: 0.102 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

Instrument :

BNA\_N

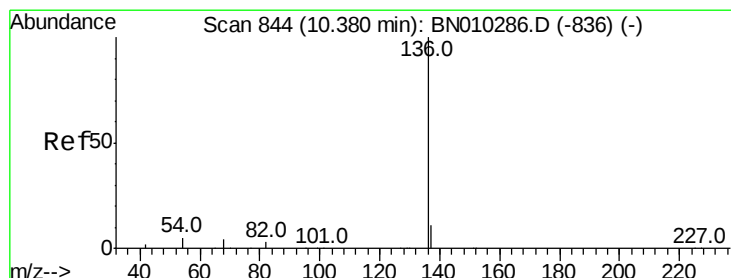
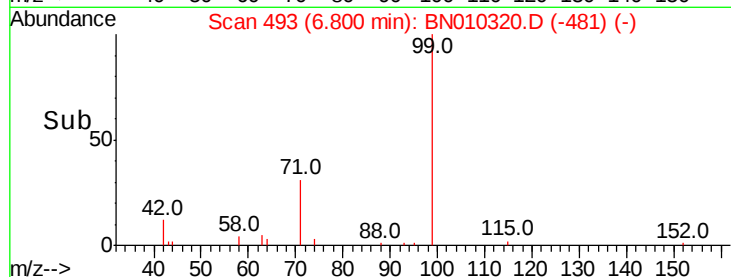
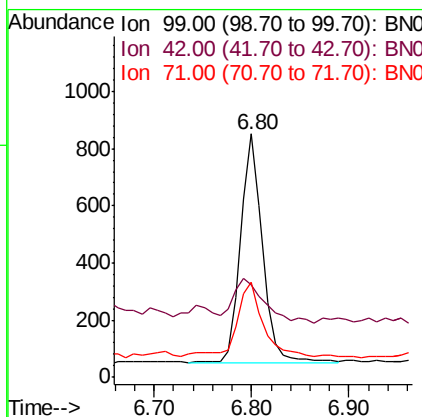
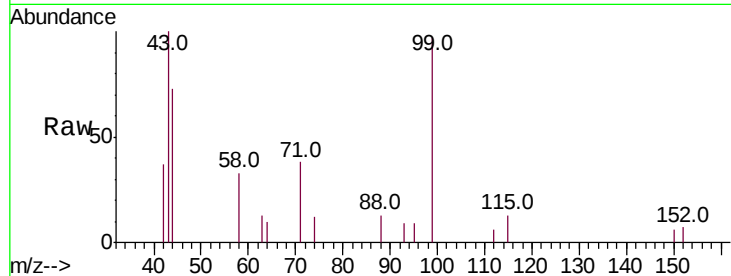
ClientSampleId :

INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 27.9  | 14.8  | 22.2# |
| 71      | 39.3  | 27.3  | 40.9  |

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#7

Naphthalene-d8

Concen: 0.400 ng

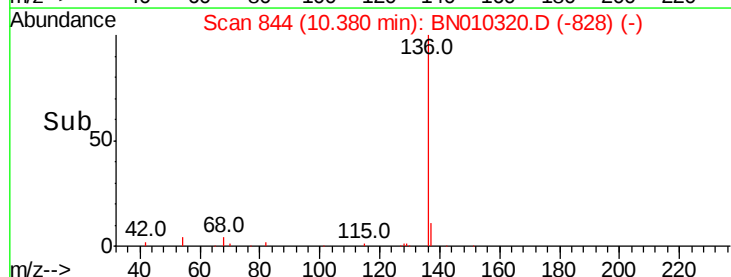
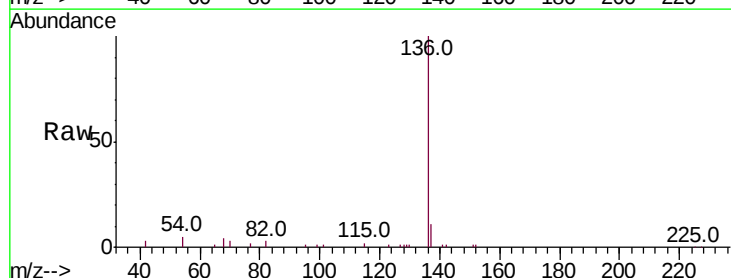
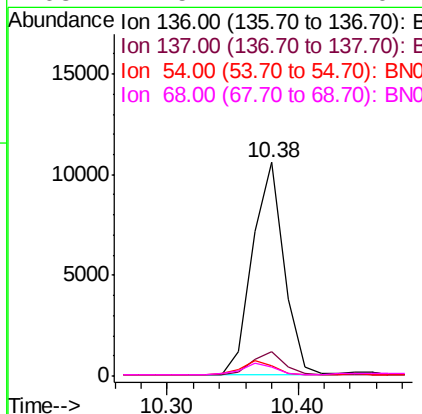
RT: 10.38 min Scan# 844

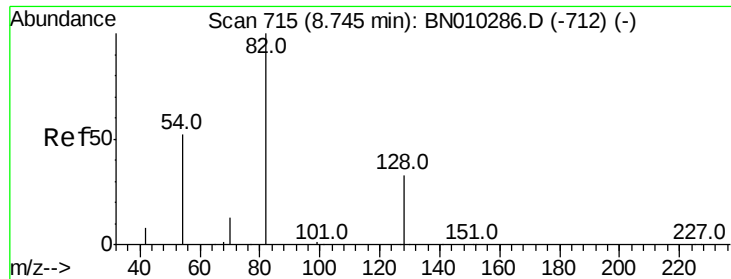
Delta R.T. 0.00 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.5  | 9.3   | 13.9  |
| 54      | 4.8   | 4.8   | 7.2   |
| 68      | 4.5   | 4.1   | 6.1   |





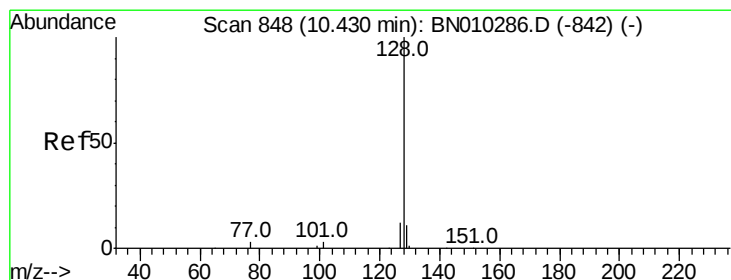
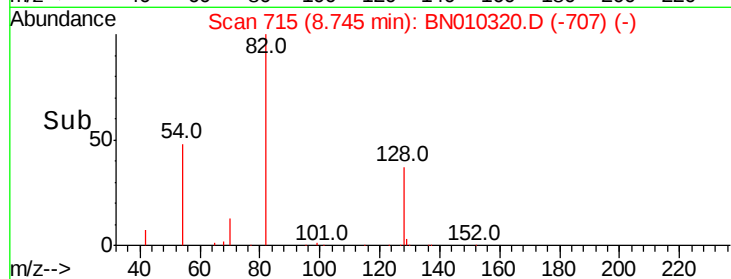
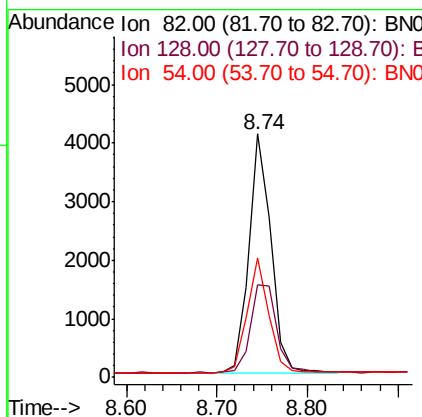
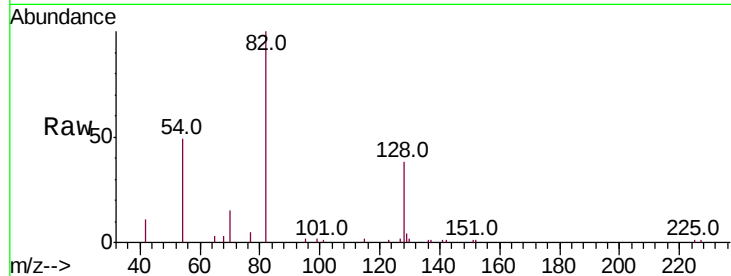
#8  
Nitrobenzene-d5  
Concen: 0.611 ng  
RT: 8.74 min Scan# 715  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.2  | 28.8  | 43.2  |
| 54      | 49.1  | 42.1  | 63.1  |

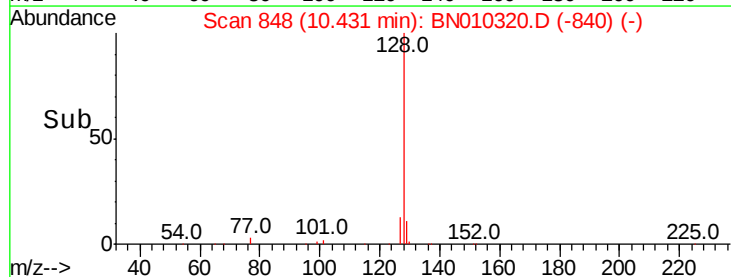
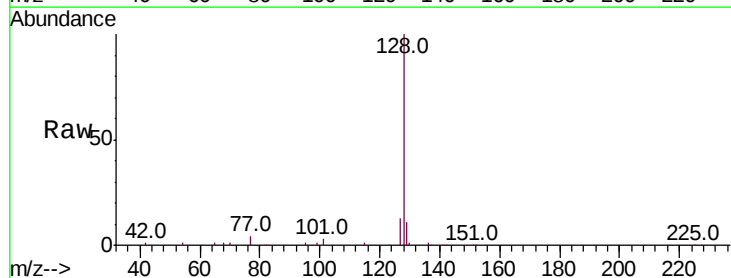
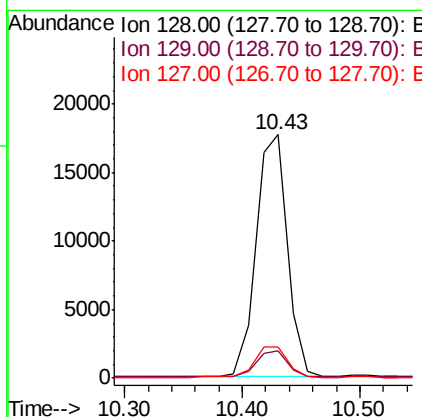
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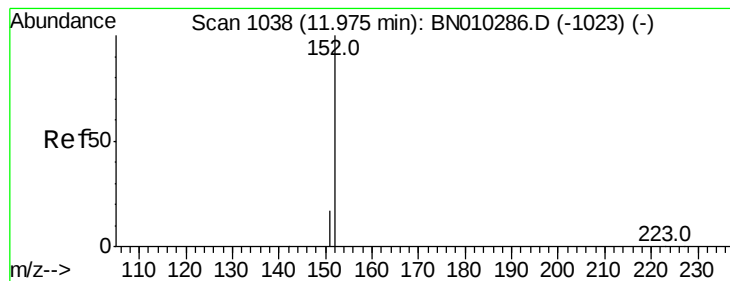
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#9  
Naphthalene  
Concen: 0.745 ng  
RT: 10.43 min Scan# 848  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 9.1   | 13.7  |
| 127     | 12.9  | 10.4  | 15.6  |





#11

2-Methylnaphthalene-d10

Concen: 0.335 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

Instrument :

BNA\_N

ClientSampleId :

INDIAN-ISLAND-(4)

Tot Ion:152 Resp: 9411

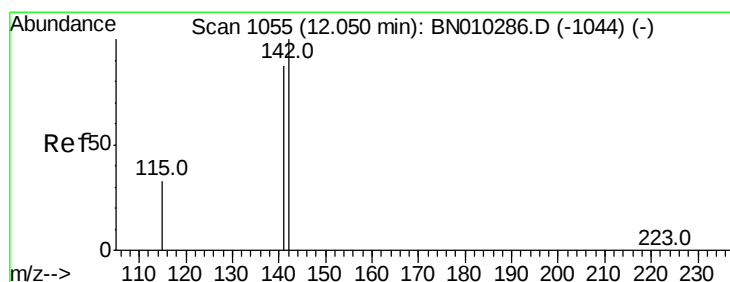
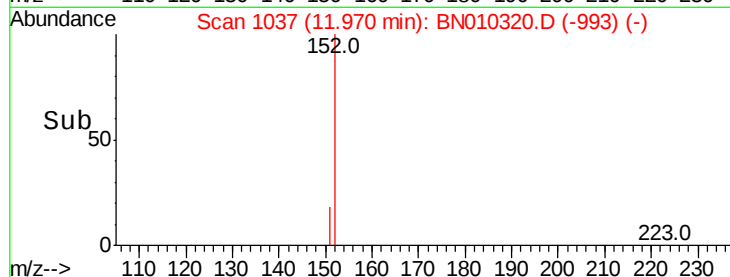
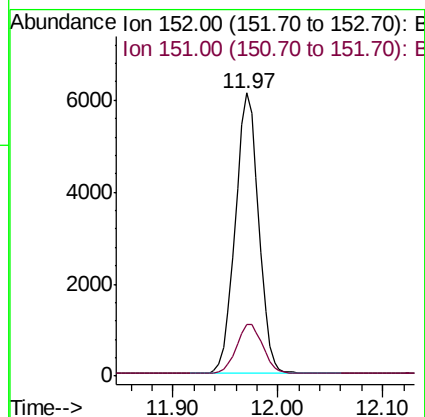
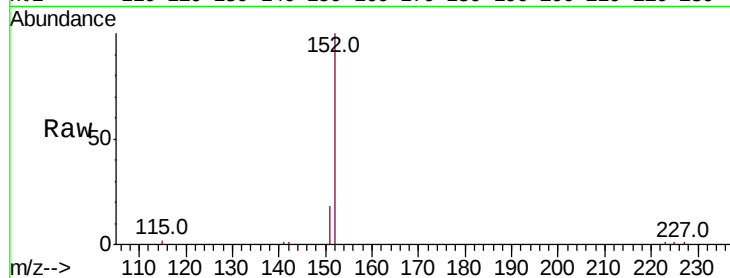
Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.2

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#12

2-Methylnaphthalene

Concen: 1.071 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

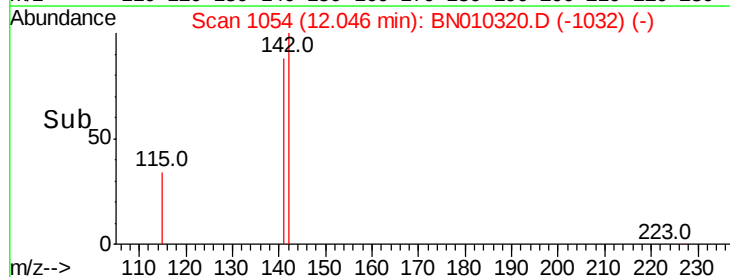
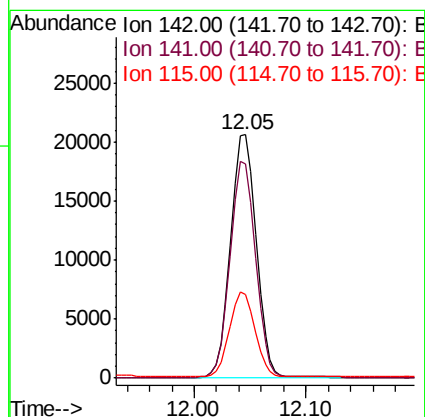
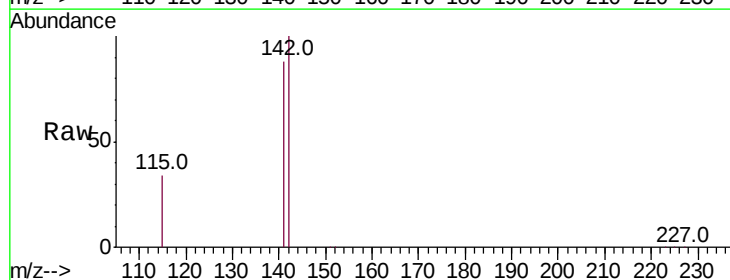
Tgt Ion:142 Resp: 32564

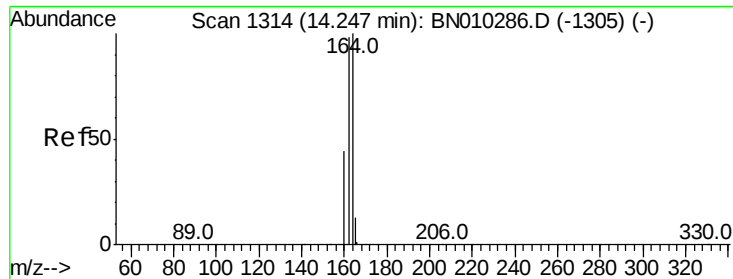
Ion Ratio Lower Upper

142 100

141 87.9 69.5 104.3

115 34.3 27.5 41.3





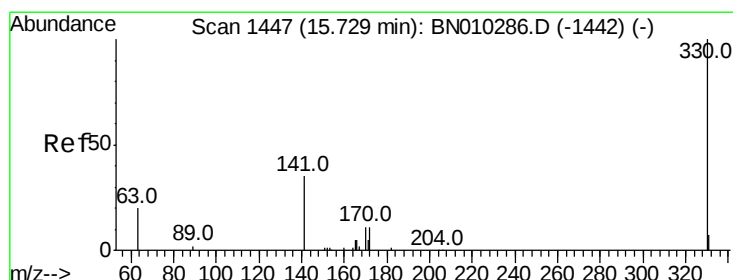
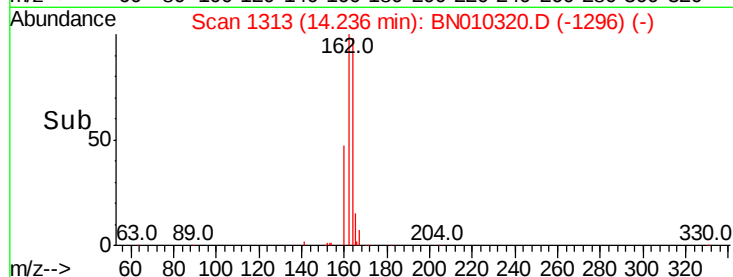
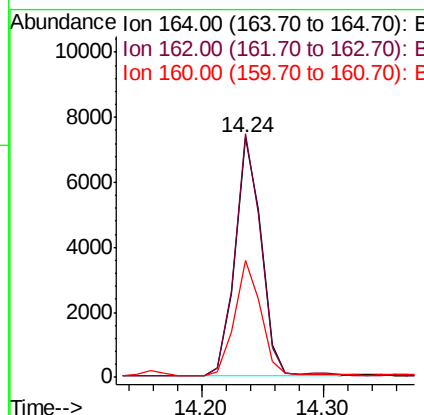
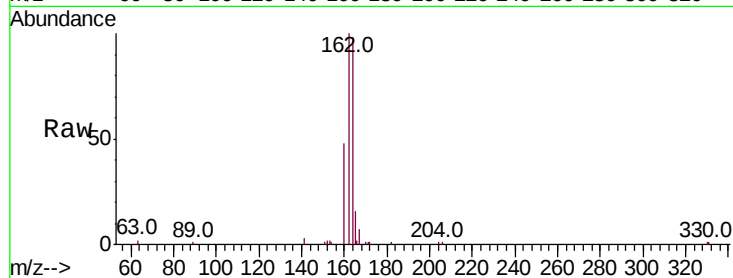
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.24 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.8 | 78.2  | 117.2 |
| 160     | 49.1  | 35.8  | 53.6  |

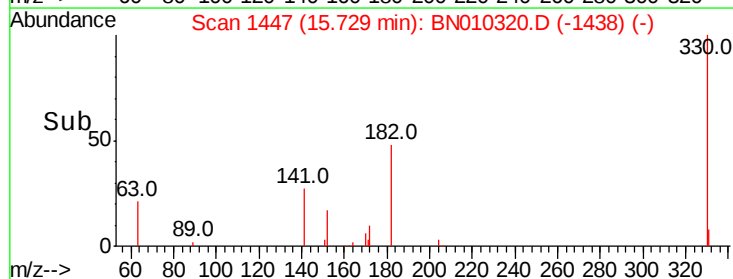
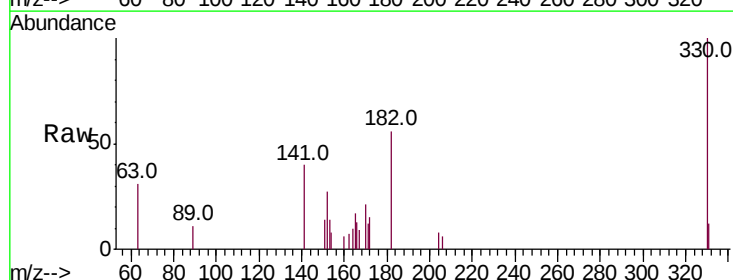
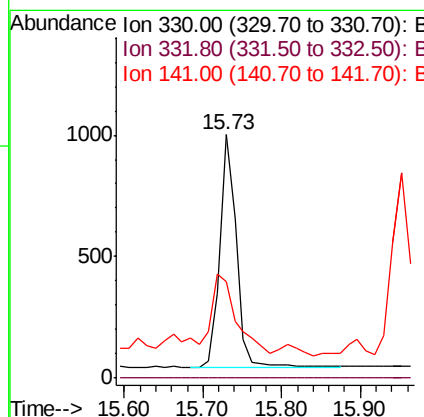
Manual Integrations  
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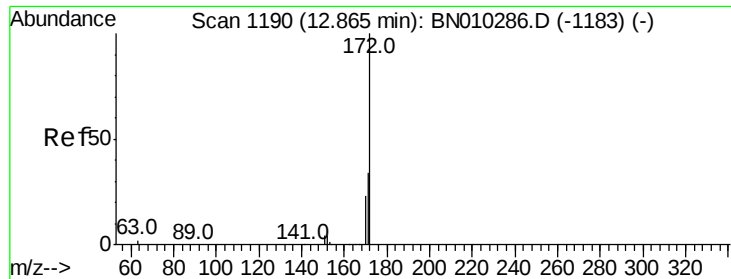
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#14  
2,4,6-Tribromophenol  
Concen: 0.333 ng  
RT: 15.73 min Scan# 1447  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 0.0   | 0.0   | 0.0   |
| 141     | 49.6  | 29.3  | 43.9# |





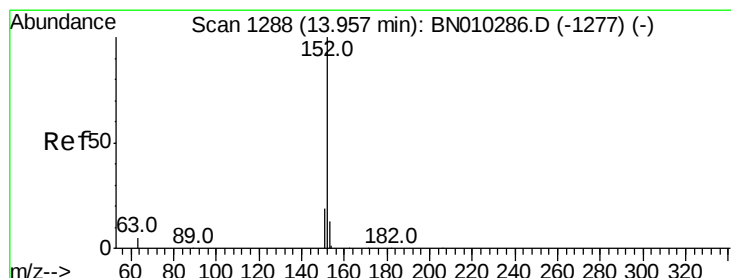
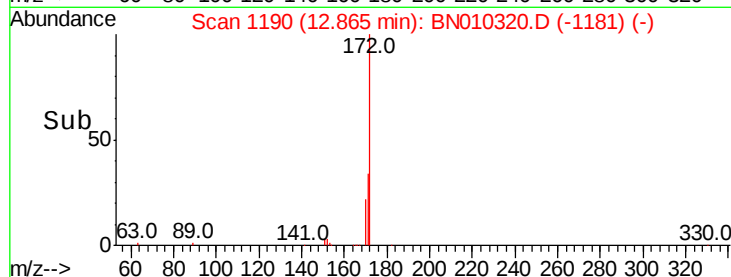
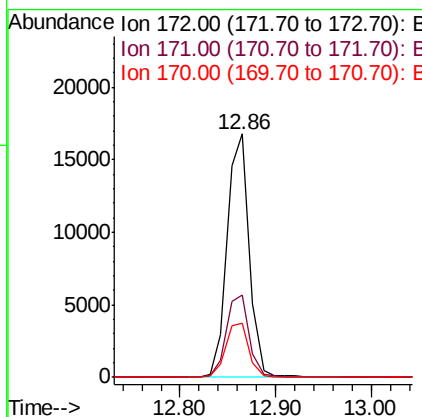
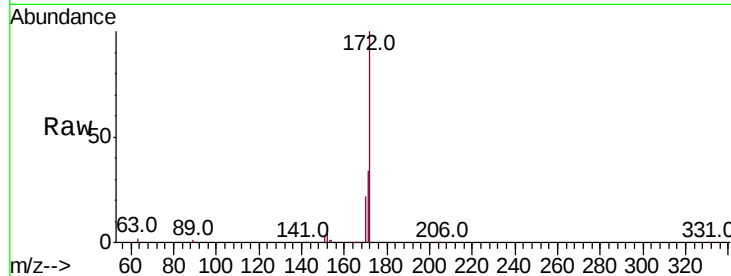
#15  
2-Fluorobiphenyl  
Concen: 0.642 ng  
RT: 12.86 min Scan# 1190  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.9  | 27.6  | 41.4  |
| 170     | 22.0  | 18.5  | 27.7  |

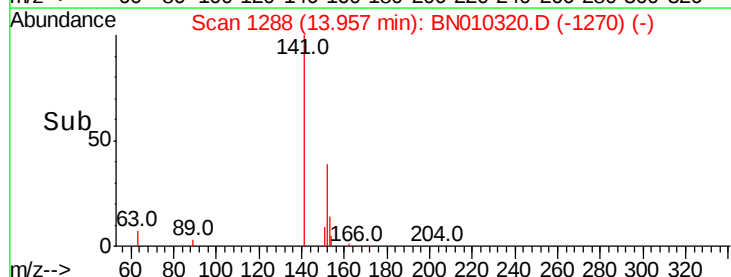
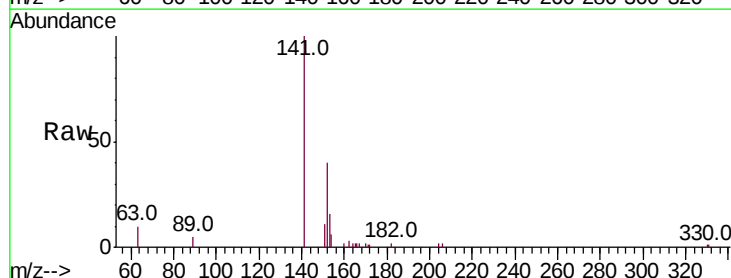
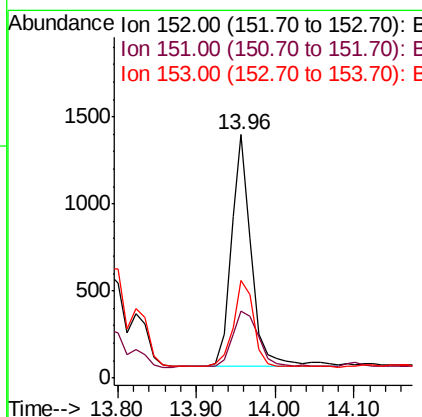
Manual Integrations  
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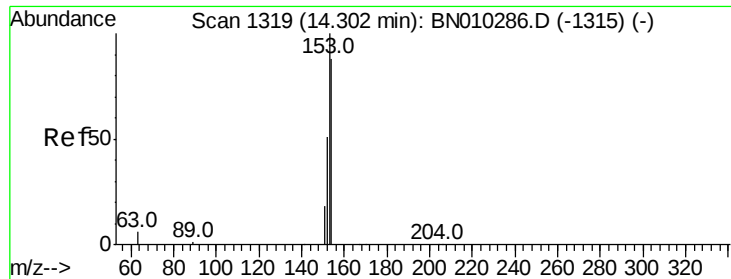
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#16  
Acenaphthylene  
Concen: 0.056 ng  
RT: 13.96 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 32.5  | 15.6  | 23.4# |
| 153     | 37.7  | 10.6  | 15.8# |





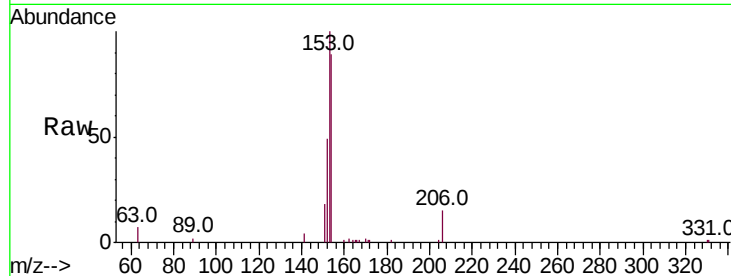
#17  
Acenaphthene  
Concen: 0.337 ng  
RT: 14.30 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.7 | 88.1  | 132.1 |
| 152     | 58.7  | 45.5  | 68.3  |

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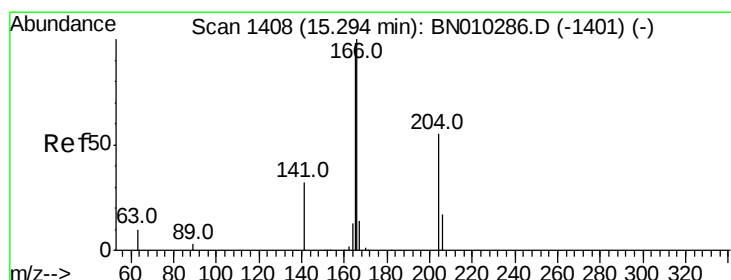
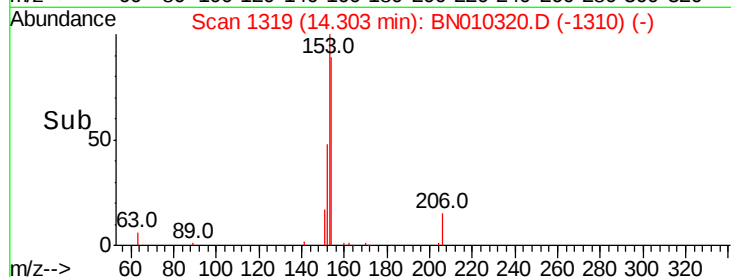
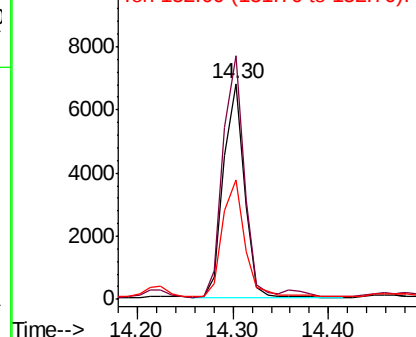


Abundance

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



#18  
Fluorene  
Concen: 0.428 ng  
RT: 15.29 min Scan# 1408  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

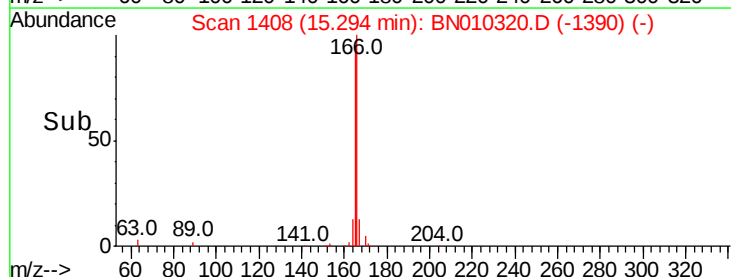
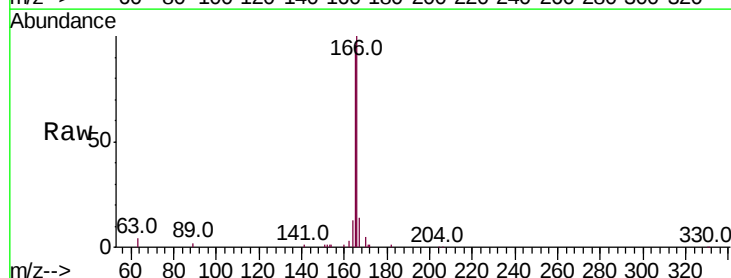
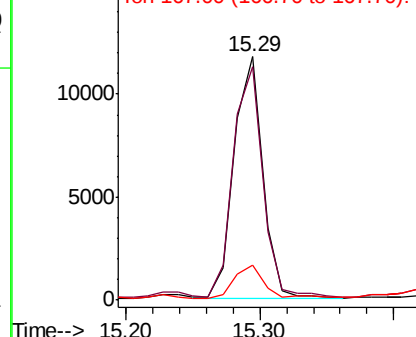
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.5  | 78.7  | 118.1 |
| 167     | 15.1  | 11.0  | 16.4  |

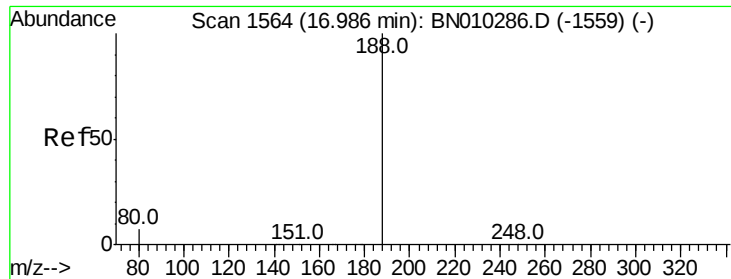
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





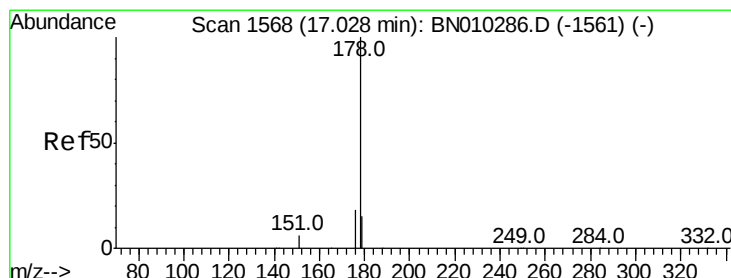
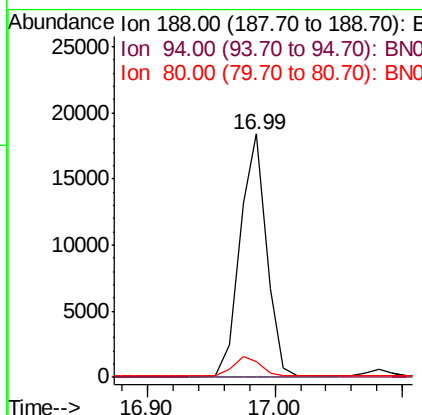
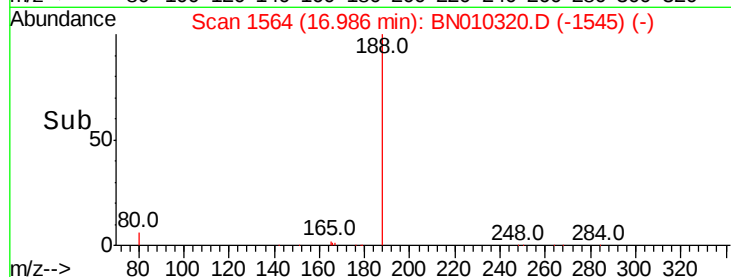
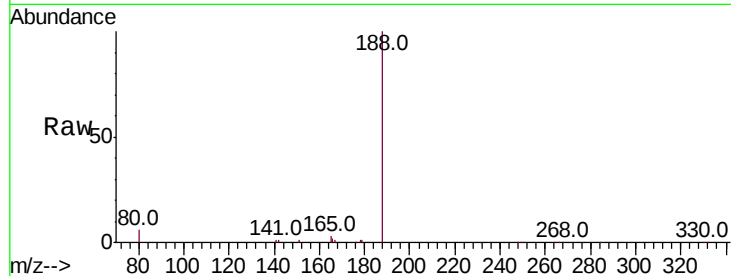
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.99 min Scan# 1564  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 188   | Resp: | 26441 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 6.2   | 6.0   | 9.0   |

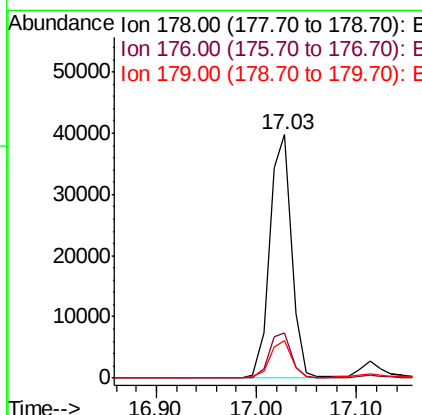
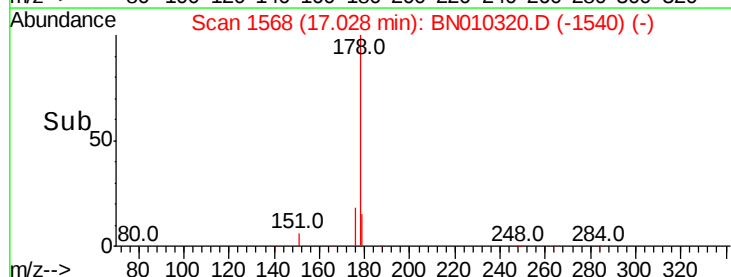
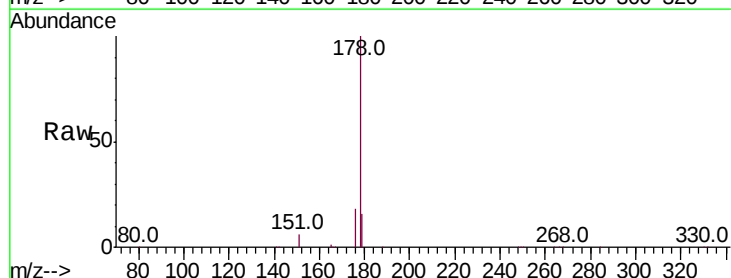
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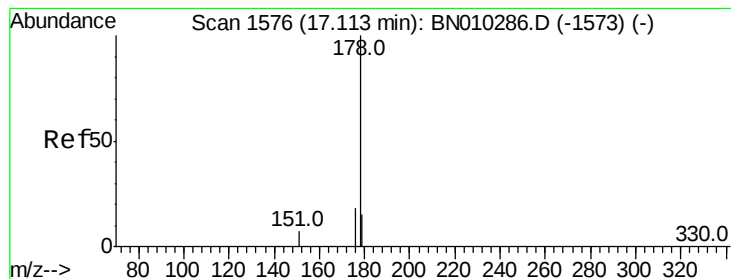
mohammad  
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#23  
Phenanthrene  
Concen: 0.820 ng  
RT: 17.03 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 59601 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.8  | 15.0  | 22.4  |
| 179       | 15.3  | 12.4  | 18.6  |





#24

Anthracene

Concen: 0.058 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

Instrument :

BNA\_N

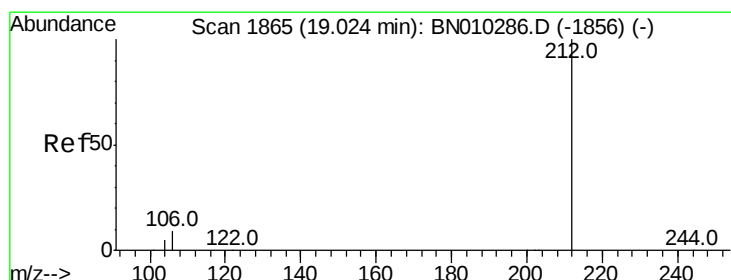
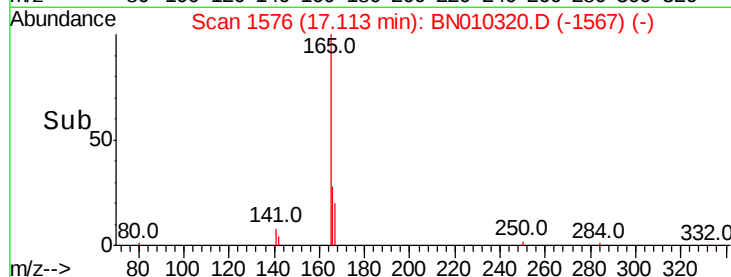
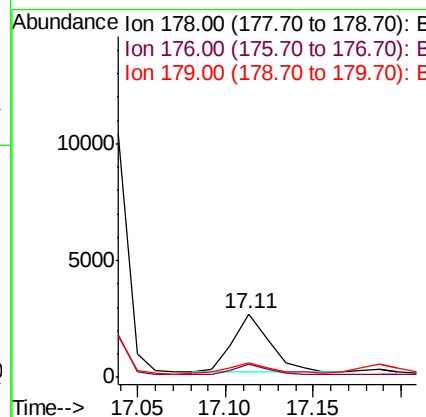
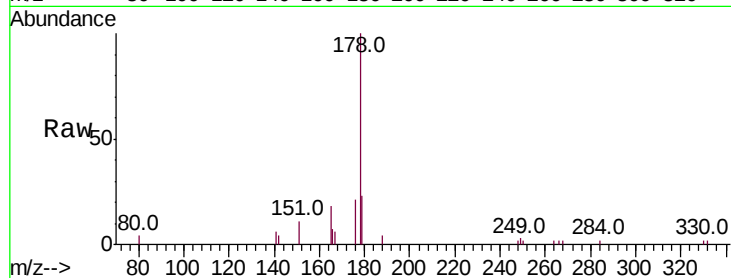
ClientSampleId :

INDIAN-ISLAND-(4)

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 178   | Resp: | 3628  |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.2  | 14.5  | 21.7  |
| 179       | 23.4  | 12.3  | 18.5# |

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#25

Fluoranthene-d10

Concen: 0.344 ng

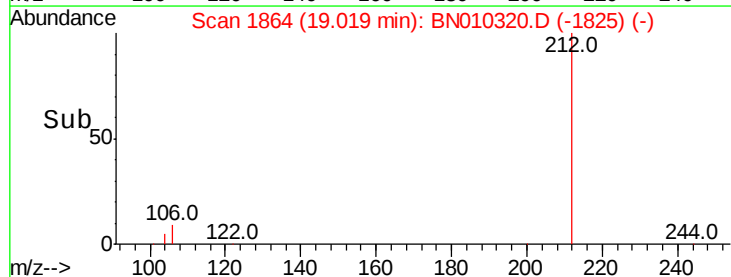
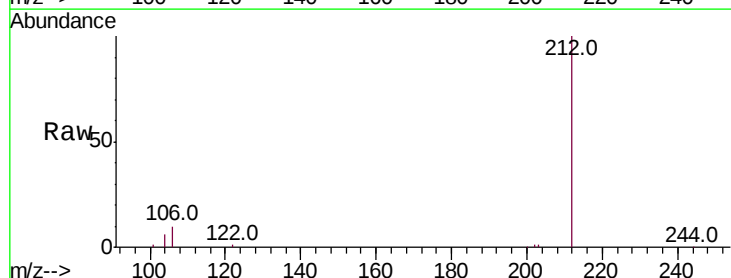
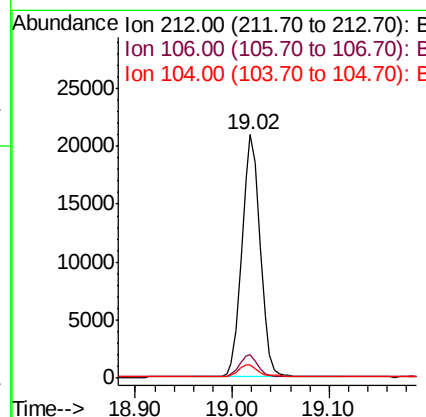
RT: 19.02 min Scan# 1864

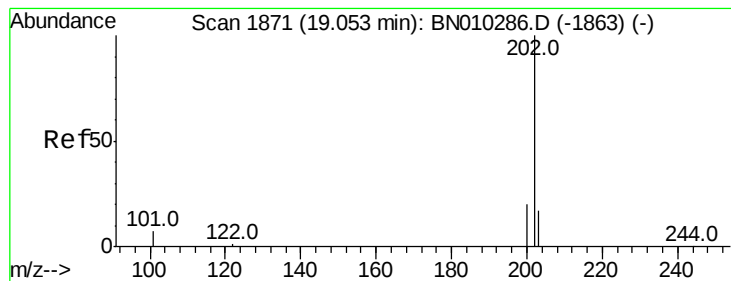
Delta R.T. -0.00 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 27426 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 9.6   | 7.4   | 11.2  |
| 104       | 5.9   | 4.2   | 6.4   |





#26

Fluoranthene

Concen: 0.158 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

Instrument :

BNA\_N

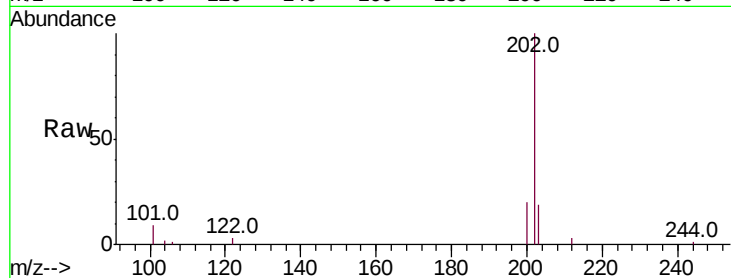
ClientSampleId :

INDIAN-ISLAND-(4)

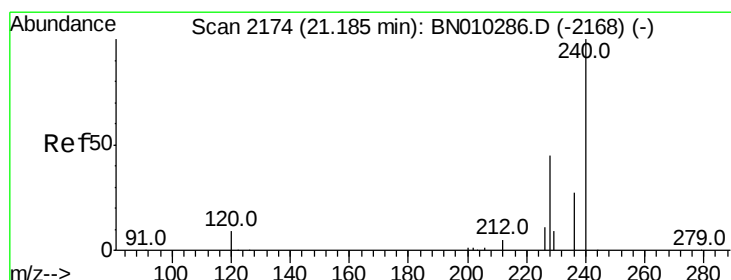
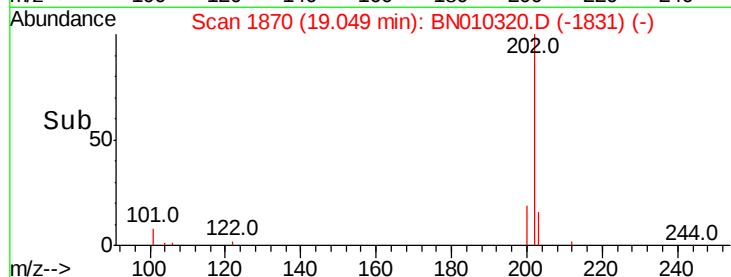
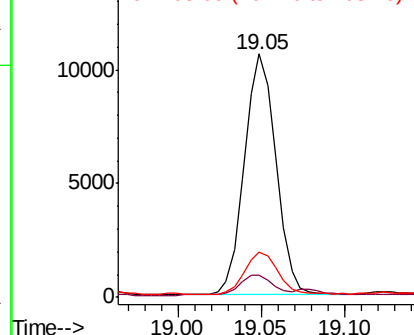
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 14071 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 9.3   | 6.6   | 9.8   |
| 203       | 17.6  | 13.8  | 20.8  |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

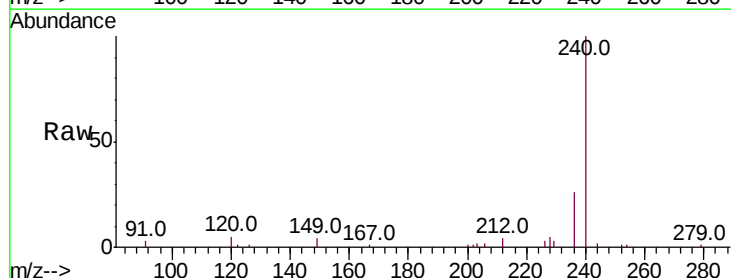
RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

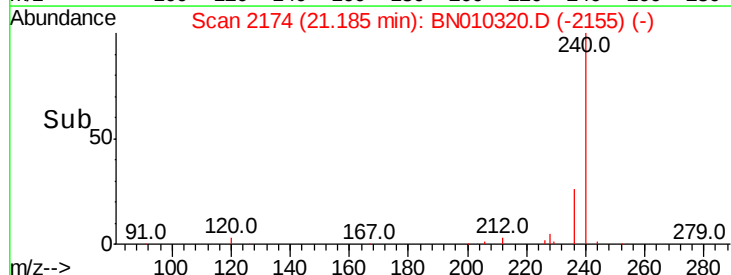
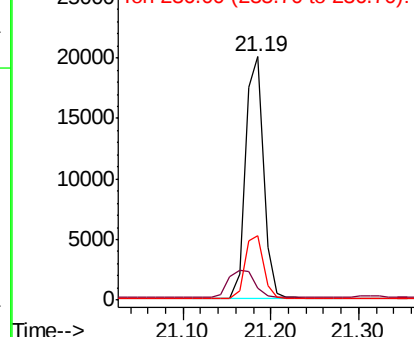
Lab File: BN010320.D

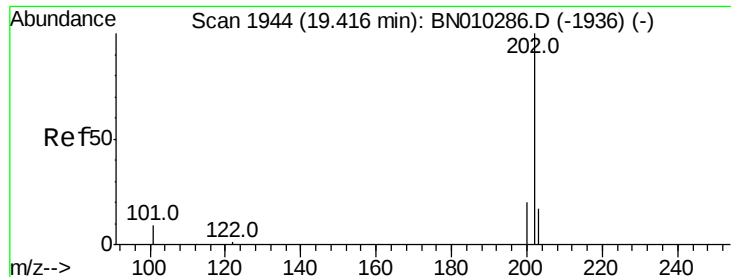
Acq: 21 Mar 2020 01:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 28622 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 5.1   | 7.9   | 11.9# |
| 236       | 26.3  | 22.2  | 33.4  |



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





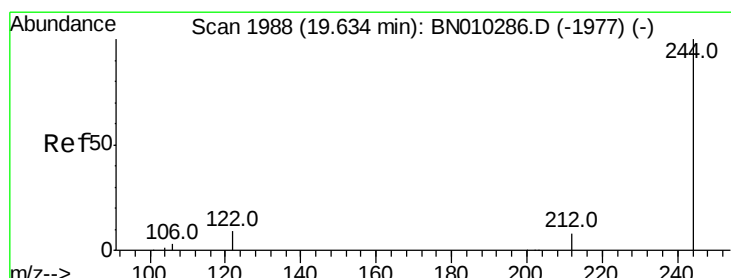
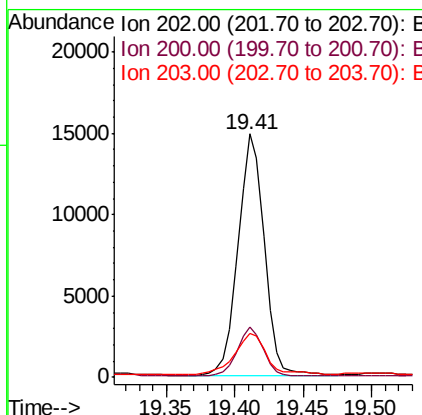
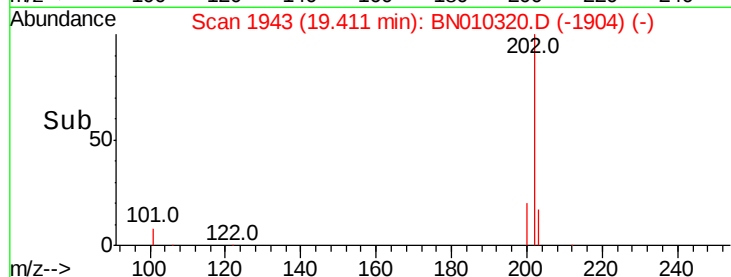
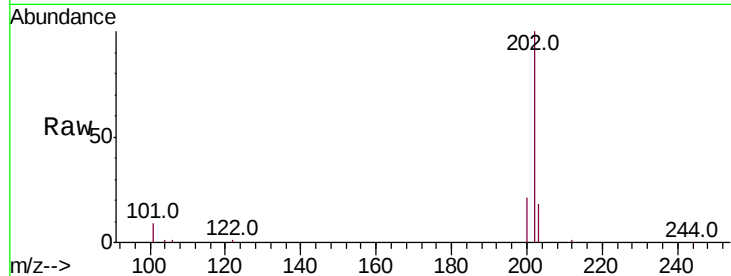
#28  
Pvrene  
Concen: 0.221 ng  
RT: 19.41 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.2  | 16.2  | 24.4  |
| 203     | 20.2  | 14.2  | 21.2  |

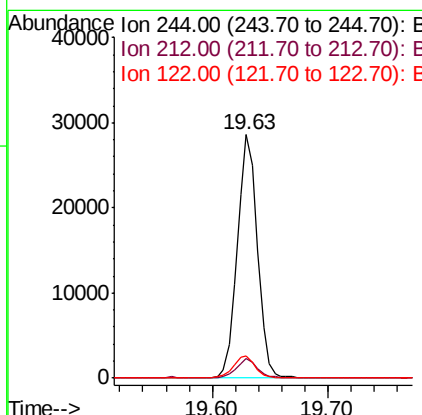
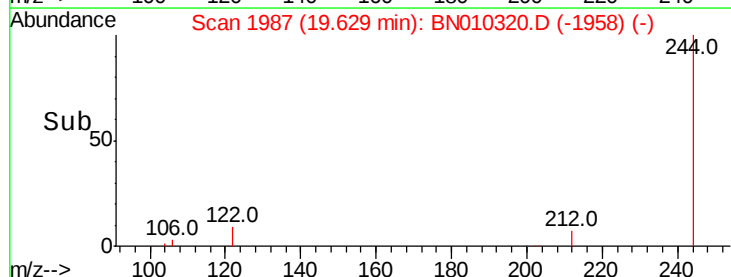
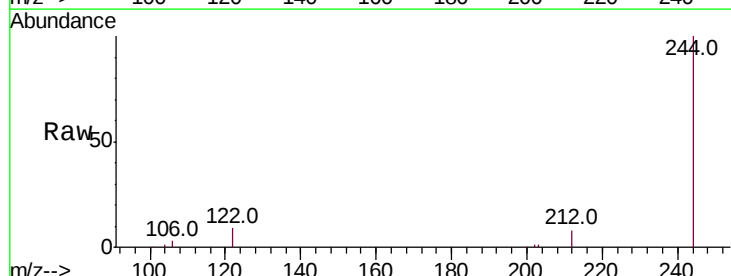
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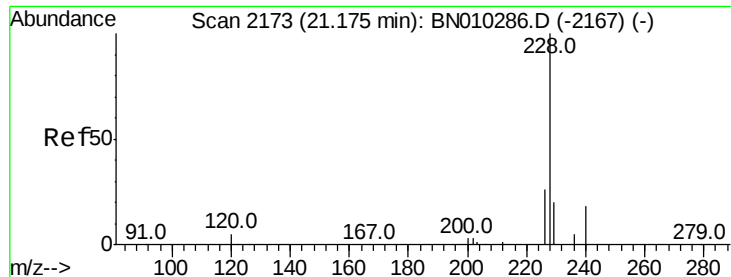
mohammad  
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#29  
Terphenyl-d14  
Concen: 0.550 ng  
RT: 19.63 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.9   | 6.3   | 9.5   |
| 122     | 9.2   | 7.6   | 11.4  |





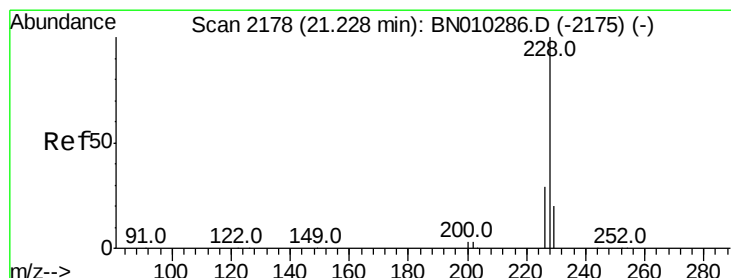
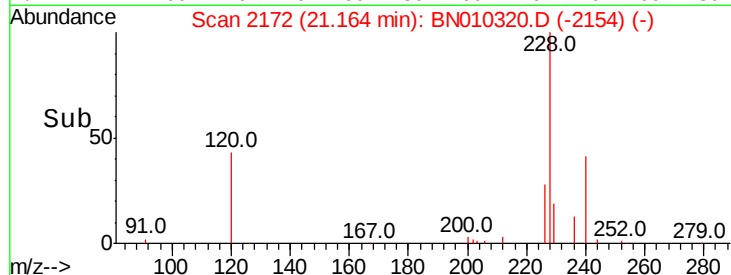
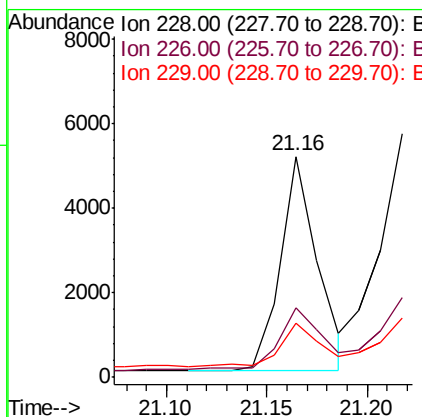
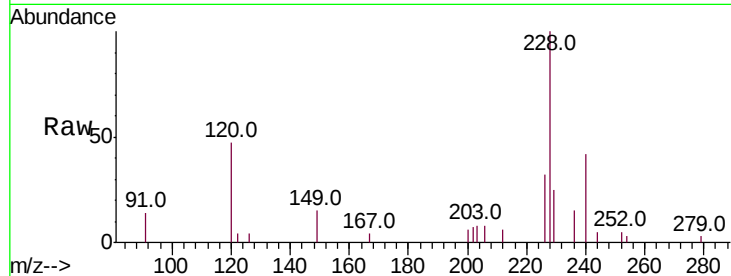
#30  
Benzo(a)anthracene  
Concen: 0.072 ng  
RT: 21.16 min Scan# 2172  
Delta R.T. -0.01 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.7  | 21.0  | 31.4# |
| 229     | 24.6  | 16.0  | 24.0# |

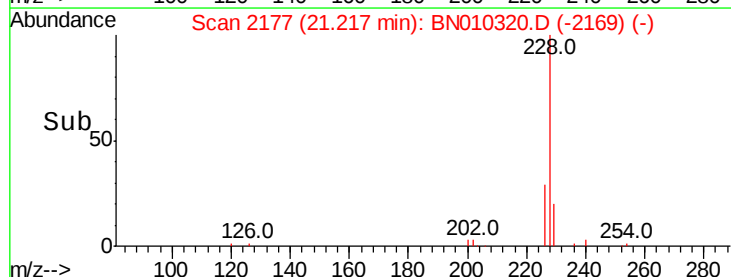
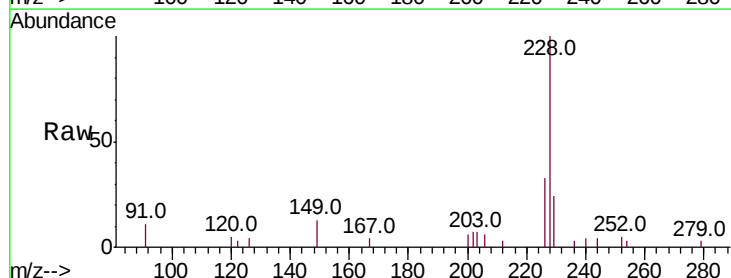
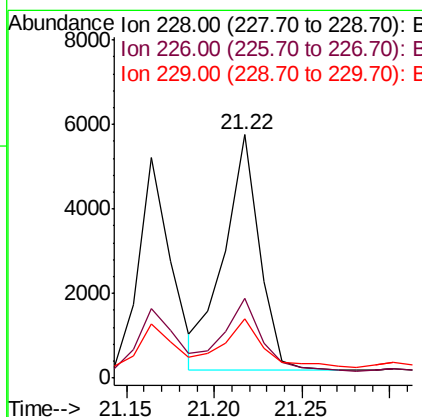
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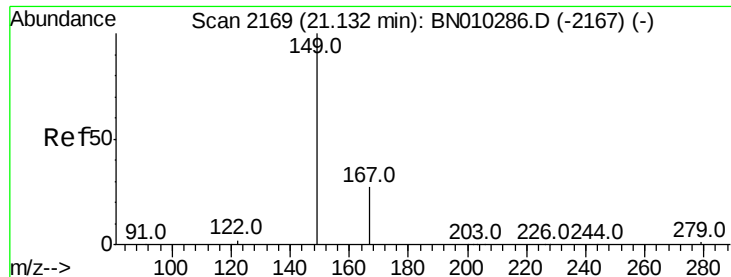
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#31  
Chrysene  
Concen: 0.080 ng  
RT: 21.22 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.5  | 23.0  | 34.6  |
| 229     | 24.3  | 16.0  | 24.0# |





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.119 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

Instrument :

BNA\_N

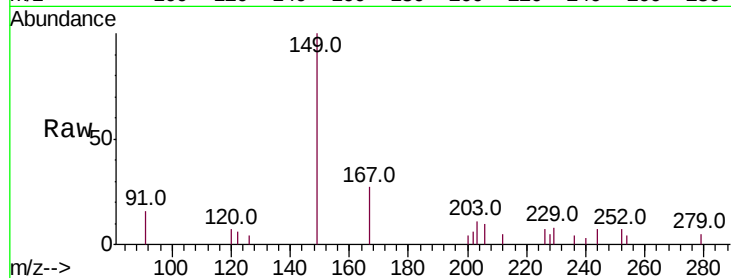
ClientSampleId :

INDIAN-ISLAND-(4)

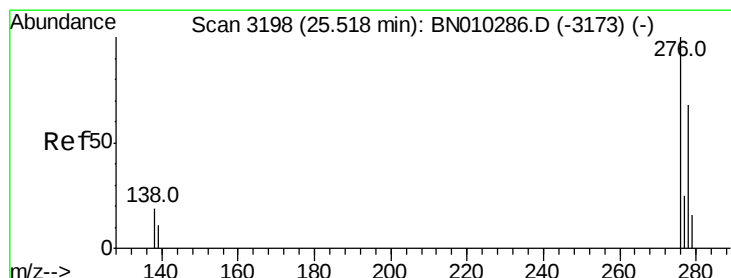
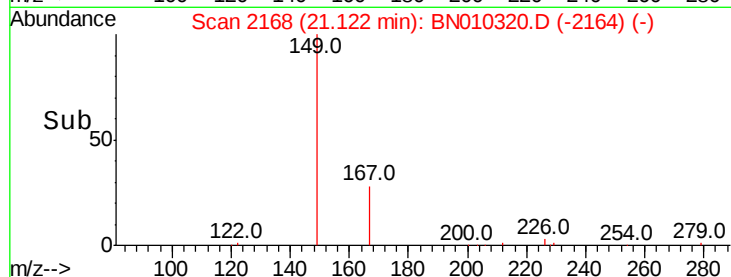
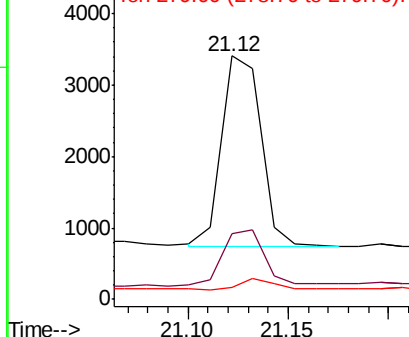
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 149   | Resp: | 3669 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 30.9  | 23.0  | 34.6 |
| 279       | 4.9   | 3.8   | 5.8  |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng

RT: 25.50 min Scan# 3192

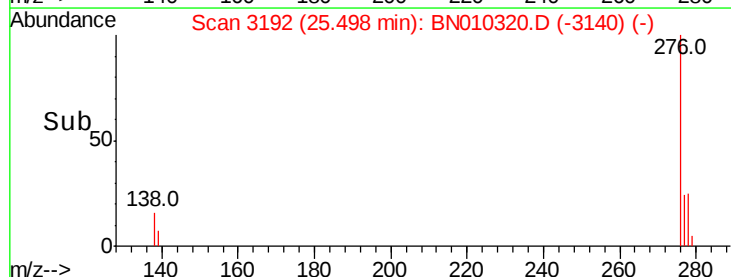
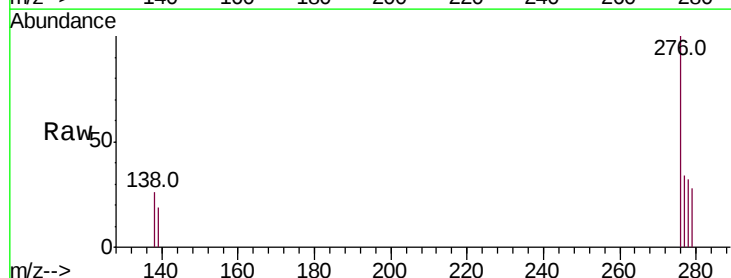
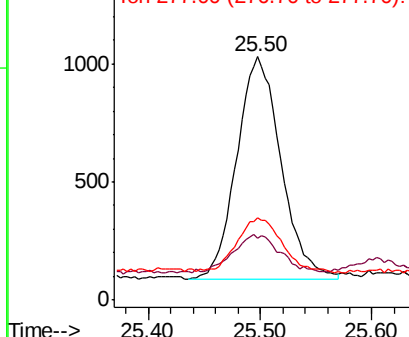
Delta R.T. -0.02 min

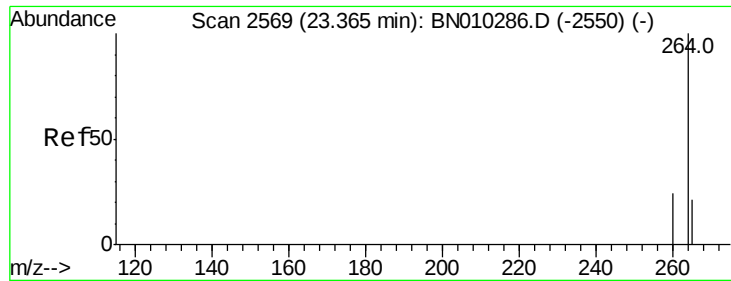
Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 2580 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 17.3  | 15.6  | 23.4 |
| 277       | 25.7  | 20.1  | 30.1 |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





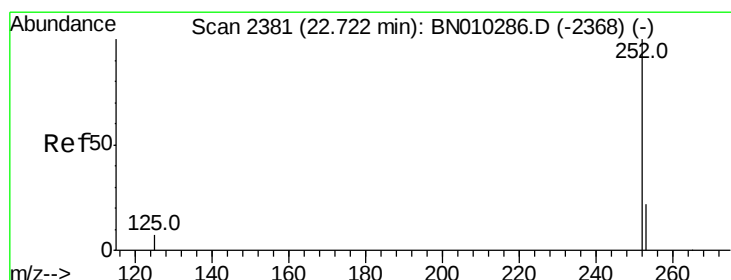
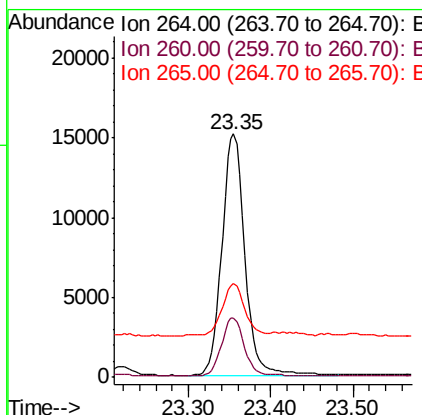
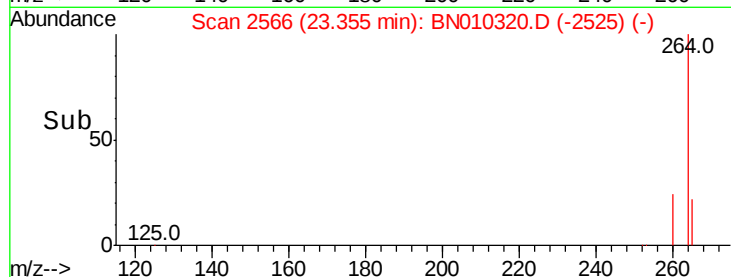
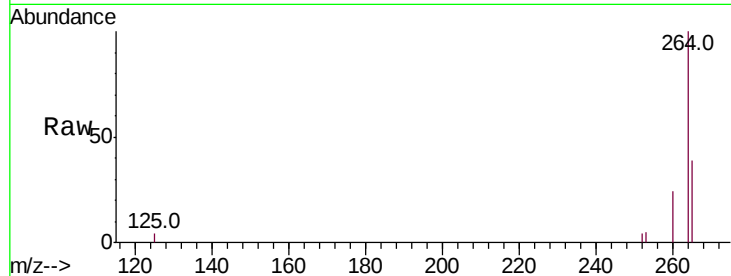
#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.35 min Scan# 2566  
Delta R.T. -0.01 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

Instrument :  
BNA\_N  
ClientSampleId :  
INDIAN-ISLAND-(4)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.5  | 29.3  |
| 265     | 38.8  | 32.4  | 48.6  |

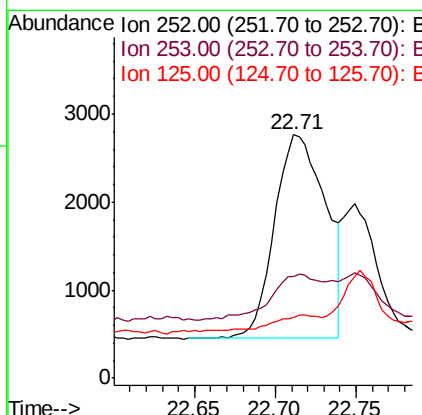
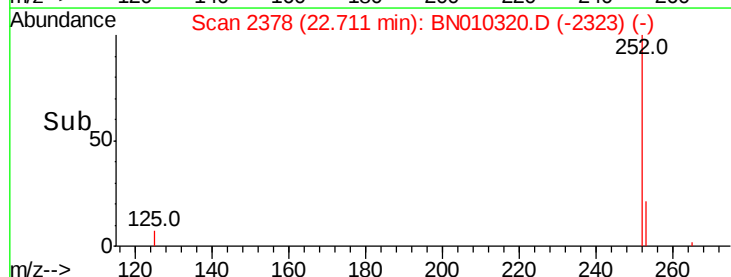
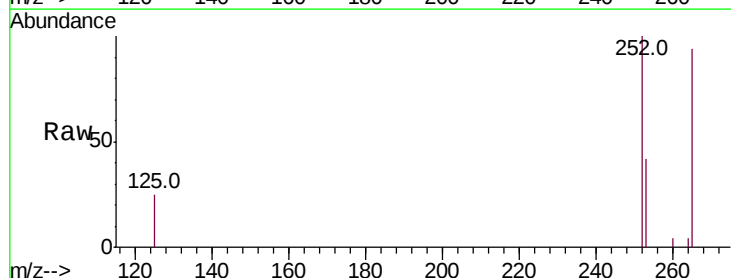
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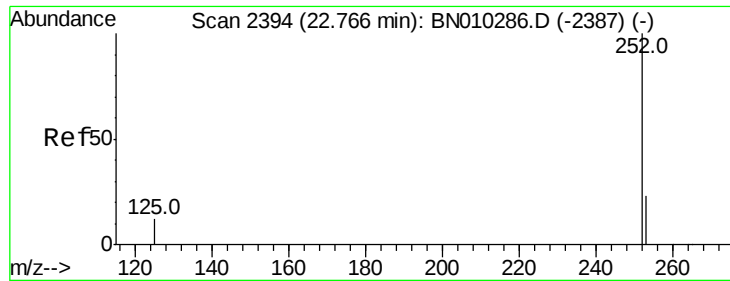
mohammad  
3/23/2020 9:43:08 AM



#35  
Benzo(b)fluoranthene  
Concen: 0.051 ng  
RT: 22.71 min Scan# 2378  
Delta R.T. -0.01 min  
Lab File: BN010320.D  
Acq: 21 Mar 2020 01:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 41.8  | 19.2  | 28.8# |
| 125     | 24.8  | 7.4   | 11.0# |





#36

Benzo(k)fluoranthene

Concen: 0.022 ng/mL

RT: 22.75 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

Instrument :

BNA\_N

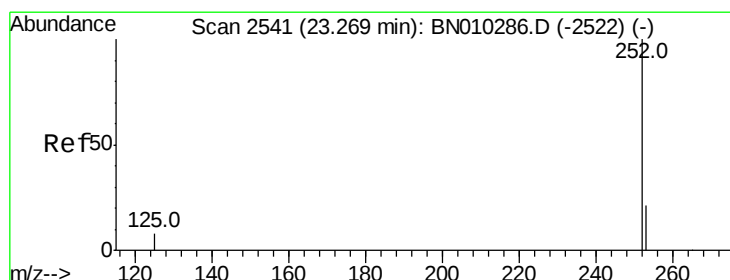
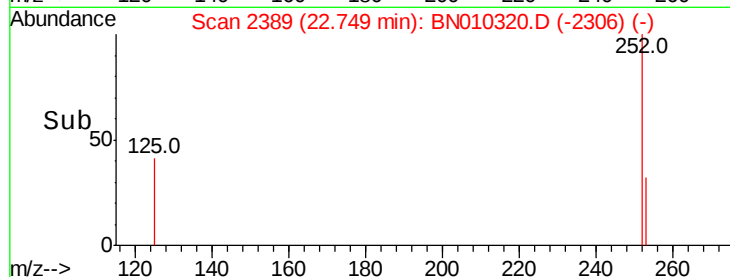
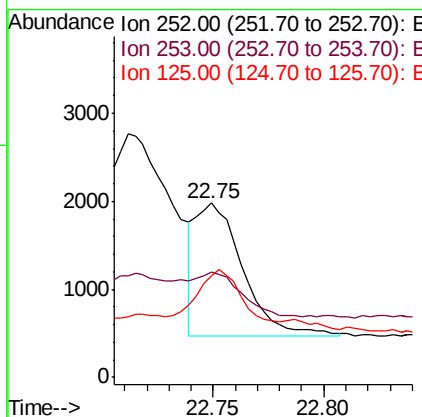
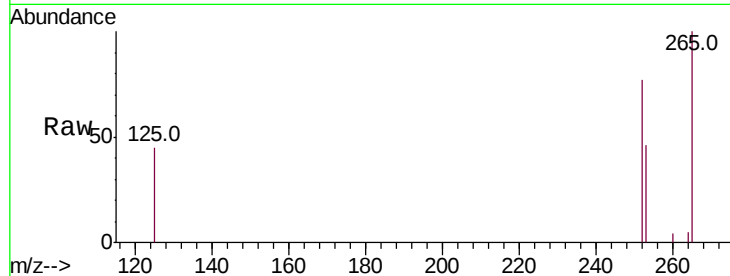
ClientSampleId :

INDIAN-ISLAND-(4)

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 2270  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 60.1  | 19.4  | 29.0# |
| 125       | 58.0  | 10.2  | 15.2# |

Manual Integrations  
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#37

Benzo(a)pyrene

Concen: 0.052 ng/mL

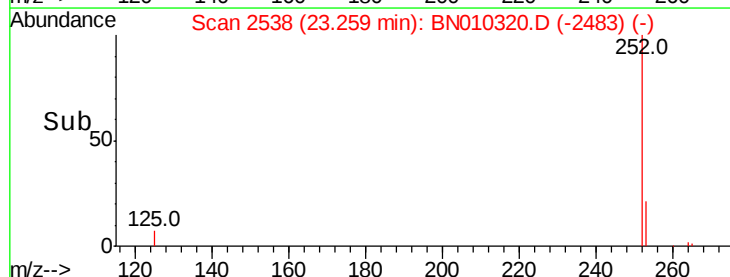
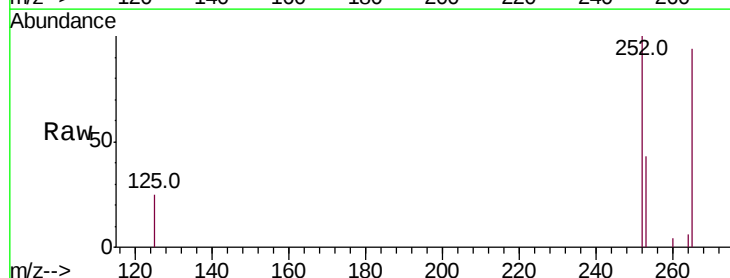
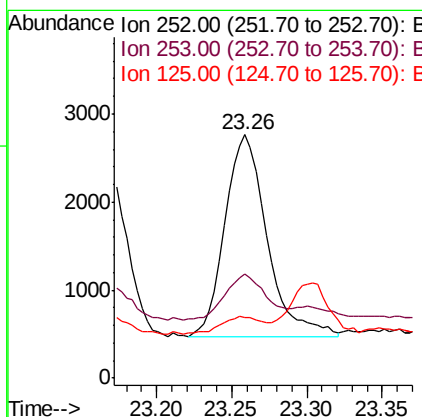
RT: 23.26 min Scan# 2538

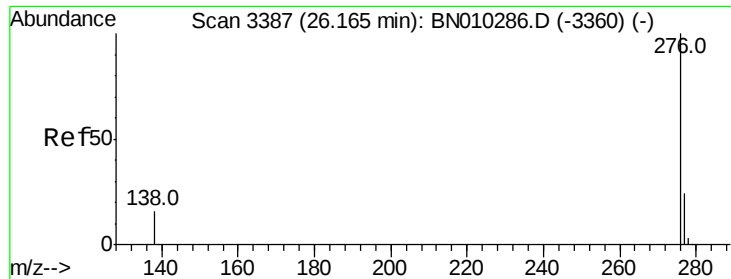
Delta R.T. -0.01 min

Lab File: BN010320.D

Acq: 21 Mar 2020 01:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 4363  |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 42.7  | 19.9  | 29.9# |
| 125       | 24.8  | 8.9   | 13.3# |





#39

Benzo(a,h,i)perylene

Concen: 0.034 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN010320.D

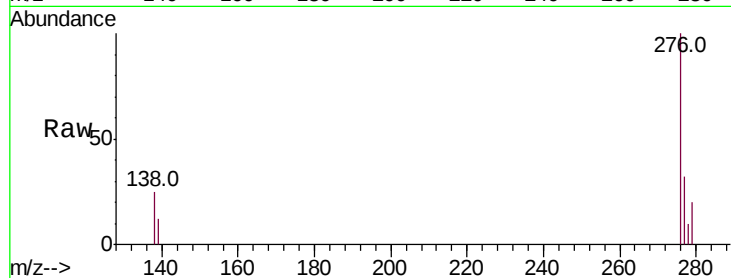
Acq: 21 Mar 2020 01:43

Instrument :

BNA\_N

ClientSampleId :

INDIAN-ISLAND-(4)



|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 276   | Resp: | 3125  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 31.8  | 19.6  | 29.4# |
| 138       | 25.2  | 13.3  | 19.9# |

Manual Integrations  
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