

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\  
 Data File : BN011190.D  
 Acq On : 16 Jul 2020 15:23  
 Operator : CG/JU  
 Sample : L3261-07  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BE506

Manual Integrations  
 APPROVED

mohammad  
 7/17/2020 12:31:36 PM

Quant Time: Jul 16 16:00:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 16 09:28:14 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.49  | 152  | 159133   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 709312   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.12 | 164  | 437887   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 1001616  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.09 | 240  | 1229435  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.22 | 264  | 1218291  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 21663   | 5.20  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 108539  | 8.58  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.84  | 67  | 243791  | 36.05 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.03  | 132 | 299014  | 27.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.20  | 113 | 198273  | 19.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.62  | 128 | 177932  | 30.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.33  | 143 | 207808  | 33.96 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.87  | 165 | 392717  | 33.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.39 | 131 | 49592   | 3.97  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.54 | 166 | 1380836 | 38.89 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.80 | 160 | 1527239 | 36.24 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.35 | 143 | 53445   | 8.42  | ng/ul | 0.01 |
| 58) Fluorene-d10               | 15.12 | 176 | 1213554 | 38.64 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 240107  | 39.28 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.97 | 188 | 2050577 | 42.06 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.28 | 212 | 2428923 | 39.62 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.10 | 264 | 2664597 | 40.37 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |        | Ovalue    |
|----------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane             | 3.18  | 88  | 5751   | 1.309  | ng/uL 92  |
| 6) Phenol                  | 6.71  | 94  | 77765  | 5.608  | ng/ul 94  |
| 8) Bis(2-Chloroethyl)ether | 6.93  | 93  | 67626  | 6.603  | ng/ul 98  |
| 11) 2-Methylphenol         | 7.93  | 108 | 68610  | 6.636  | ng/ul 98  |
| 14) Acetophenone           | 8.28  | 105 | 29954  | 1.680  | ng/ul# 66 |
| 16) 4-Methylphenol         | 8.25  | 108 | 101514 | 8.897  | ng/ul 96  |
| 24) 2,4-Dimethylphenol     | 9.44  | 107 | 30119m | 2.097  | ng/ul     |
| 28) Naphthalene            | 10.29 | 128 | 505979 | 12.169 | ng/ul 99  |
| 34) 2-Methylnaphthalene    | 11.90 | 142 | 54139  | 1.796  | ng/ul 87  |
| 45) Dimethylphthalate      | 13.59 | 163 | 167415 | 4.463  | ng/ul 99  |
| 50) Acenaphthene           | 14.18 | 153 | 51005  | 1.632  | ng/ul 99  |
| 57) Diethylphthalate       | 14.97 | 149 | 37843  | 1.024  | ng/ul 95  |
| 65) N-Nitrosodiphenylamine | 15.39 | 169 | 169698 | 5.396  | ng/ul 98  |

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

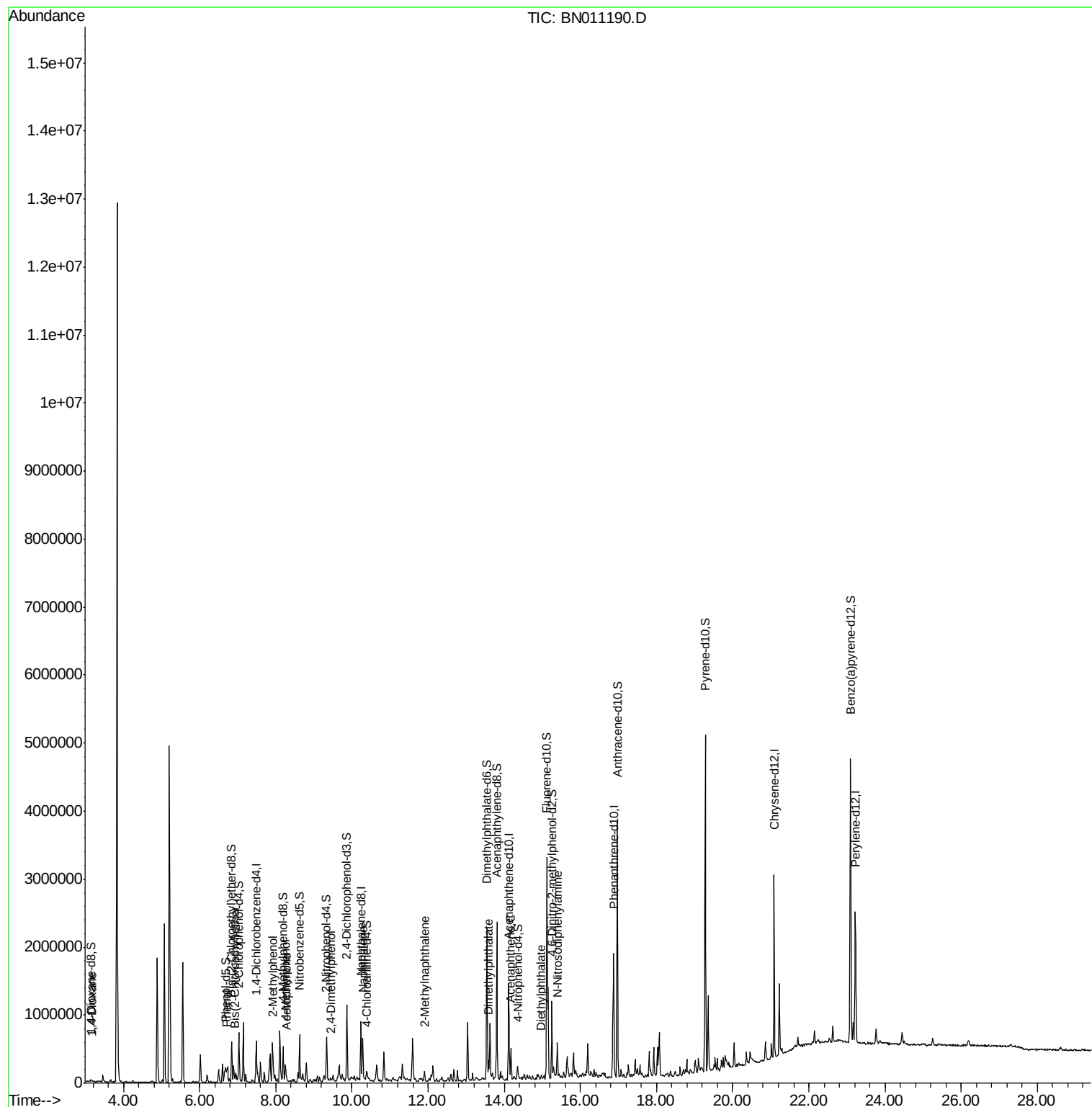
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\  
Data File : BN011190.D  
Acq On : 16 Jul 2020 15:23  
Operator : CG/JU  
Sample : L3261-07  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

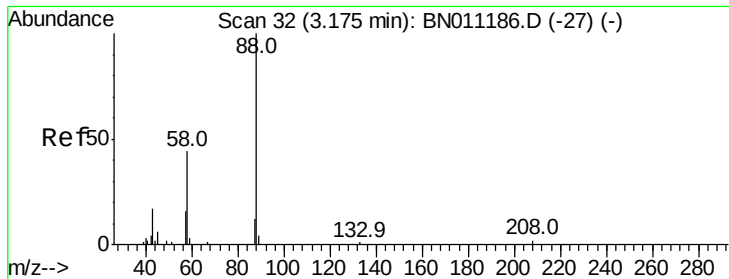
Instrument :  
BNA\_N  
ClientSampleId :  
BE506

Quant Time: Jul 16 16:00:45 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071520MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 16 09:28:14 2020  
Response via : Initial Calibration

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#2

1,4-Dioxane

Concen: 1.309 ng/uL

RT: 3.18 min Scan# 33

Delta R.T. 0.01 min

Lab File: BN011190.D

Acq: 16 Jul 2020 15:23

Instrument :

BNA\_N

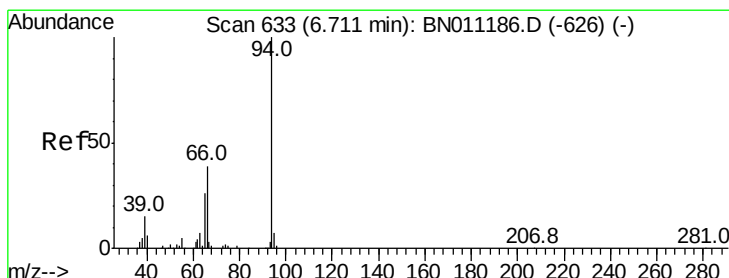
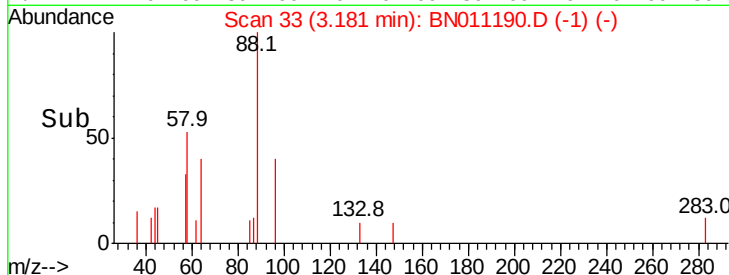
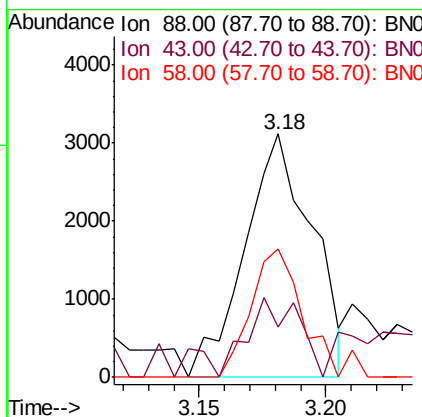
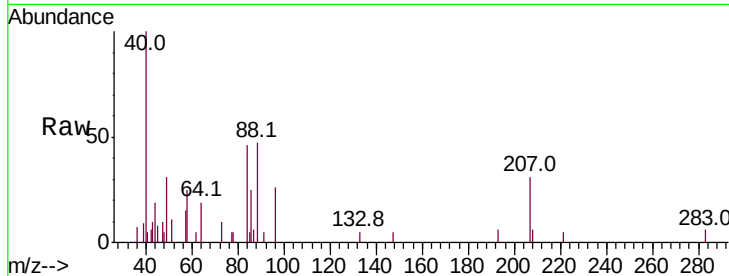
ClientSampleId :

BE506

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 5751  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 20.9  | 17.7  | 26.5  |
| 58       | 53.0  | 36.6  | 54.8  |

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#6

Phenol

Concen: 5.608 ng/uL

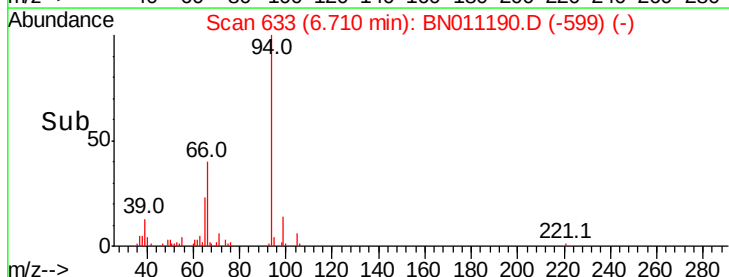
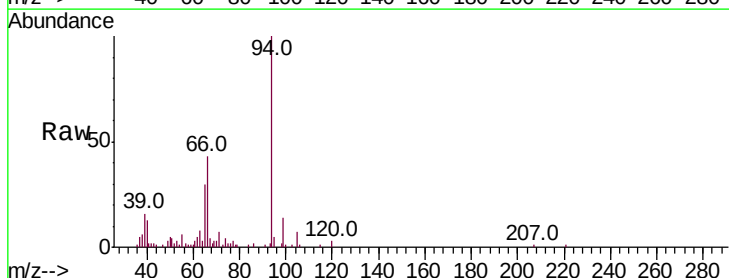
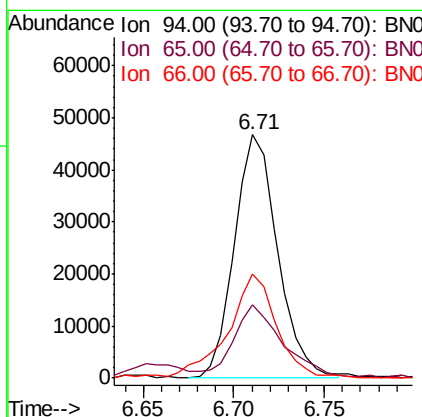
RT: 6.71 min Scan# 633

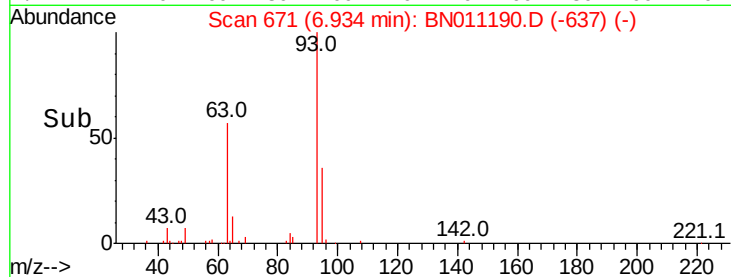
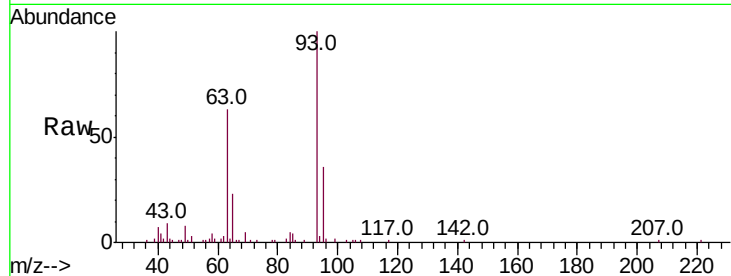
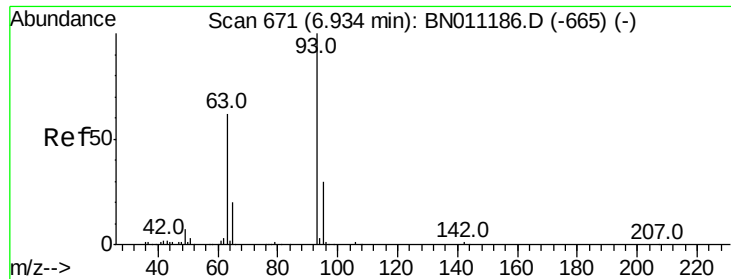
Delta R.T. -0.00 min

Lab File: BN011190.D

Acq: 16 Jul 2020 15:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 77765 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 30.0  | 21.4  | 32.0  |
| 66       | 42.7  | 31.3  | 46.9  |





#8

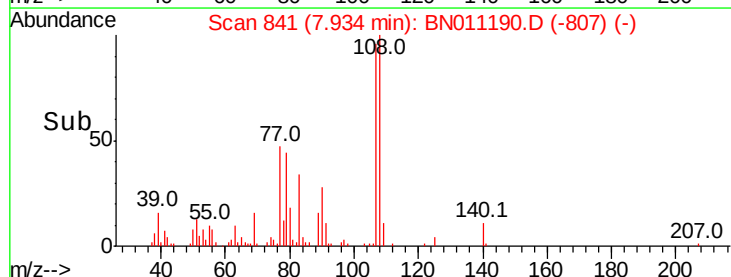
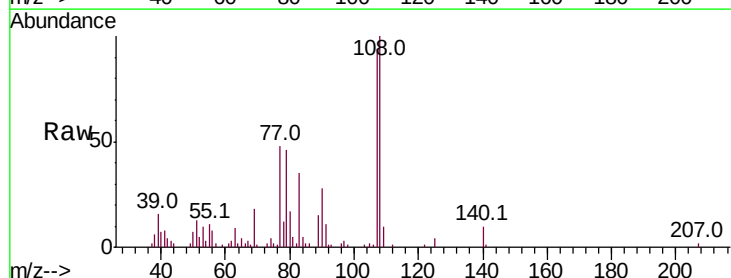
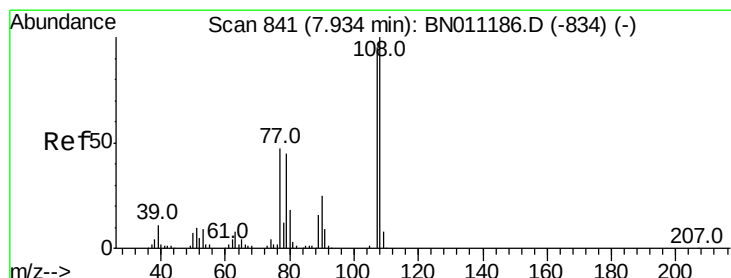
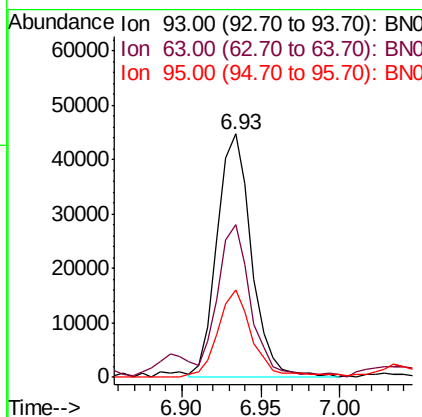
Bis(2-Chloroethyl)ether  
Concen: 6.603 ng/ul  
RT: 6.93 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: BN011190.D  
Acq: 16 Jul 2020 15:23

Instrument :  
BNA\_N  
ClientSampleId :  
BE506

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 62.6  | 50.5  | 75.7  |
| 95      | 35.9  | 26.6  | 39.8  |

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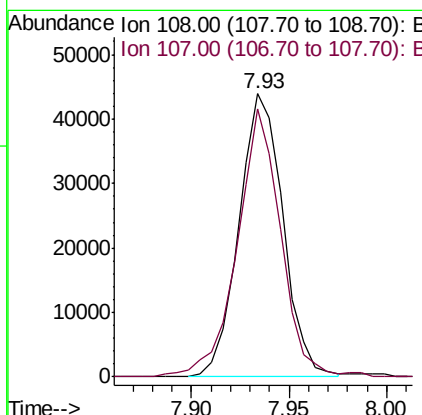
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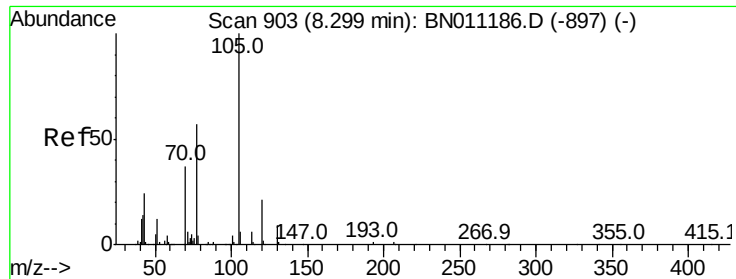


#11

2-Methylphenol  
Concen: 6.636 ng/ul  
RT: 7.93 min Scan# 841  
Delta R.T. -0.00 min  
Lab File: BN011190.D  
Acq: 16 Jul 2020 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 94.5  | 74.3  | 111.5 |





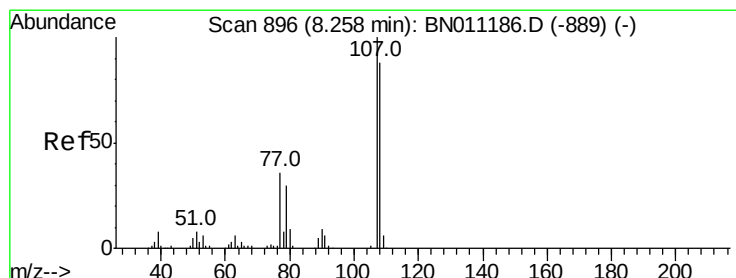
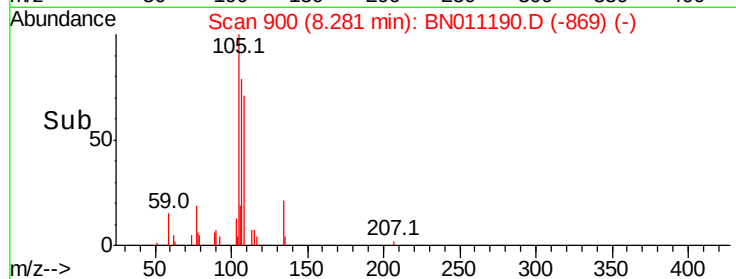
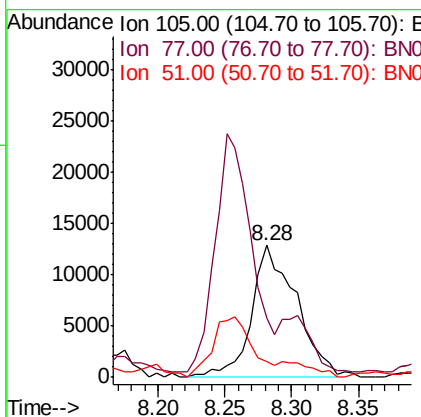
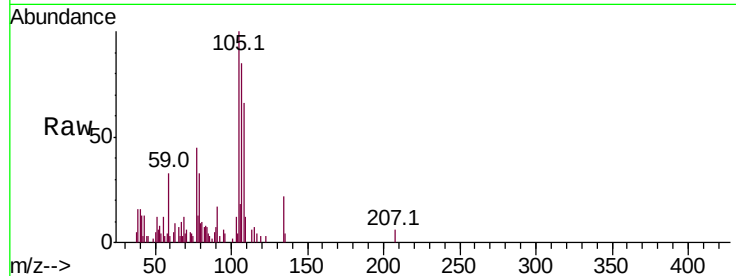
#14  
Acetophenone  
Concen: 1.680 ng/ul  
RT: 8.28 min Scan# 900  
Delta R.T. -0.02 min  
Lab File: BN011190.D  
Acq: 16 Jul 2020 15:23

Instrument :  
BNA\_N  
ClientSampleId :  
BE506

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 77      | 44.7  | 62.6       | 94.0# |
| 51      | 12.0  | 13.4       | 20.0# |

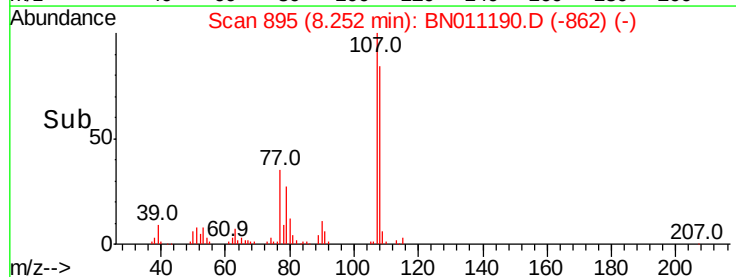
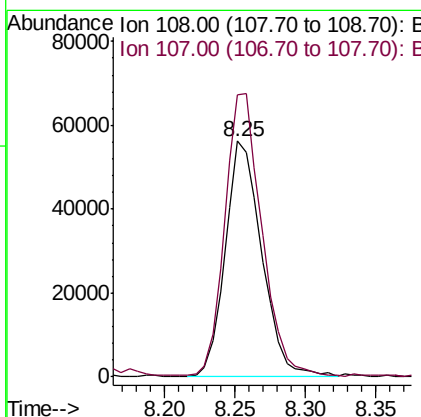
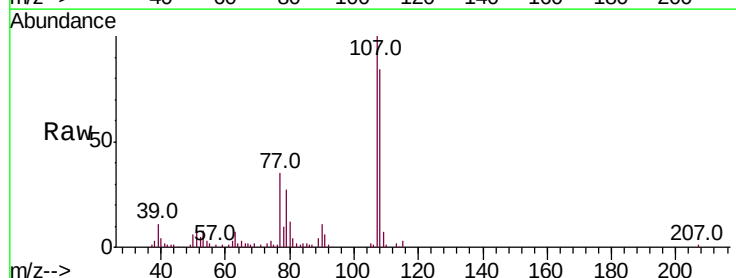
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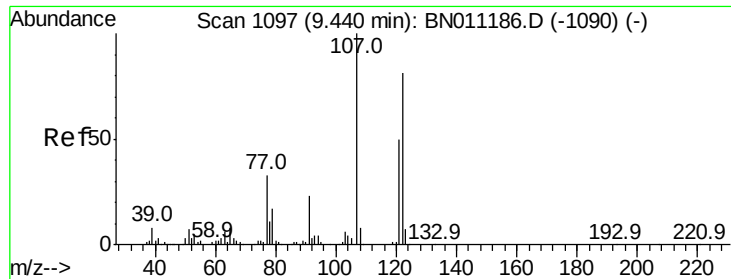
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#16  
4-Methylphenol  
Concen: 8.897 ng/ul  
RT: 8.25 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: BN011190.D  
Acq: 16 Jul 2020 15:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 108     | 100   |            |       |
| 107     | 119.3 | 91.6       | 137.4 |





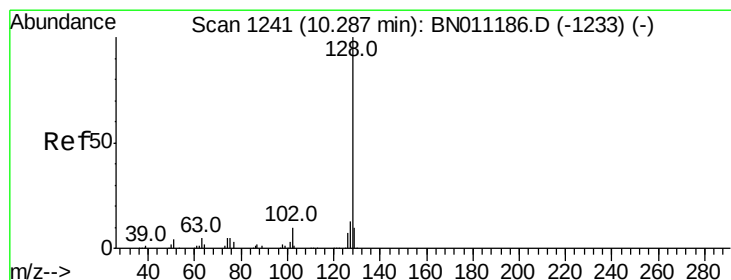
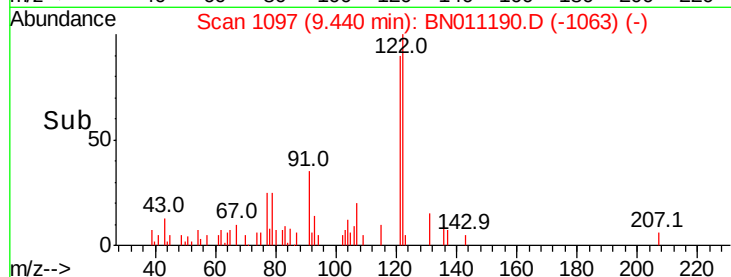
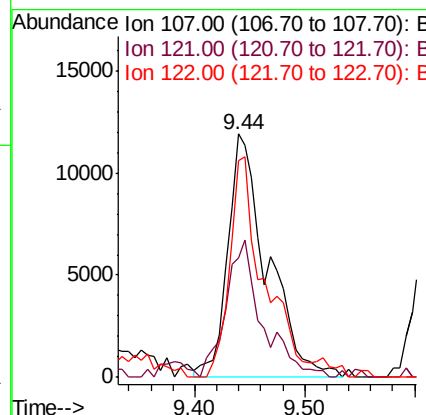
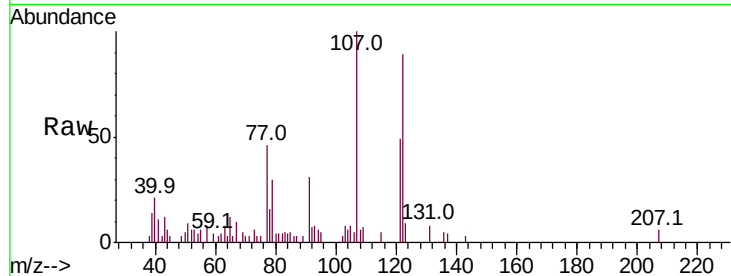
#24  
 2,4-Dimethylphenol  
 Concen: 2.097 ng/ul m  
 RT: 9.44 min Scan# 1097  
 Delta R.T. -0.00 min  
 Lab File: BN011190.D  
 Acq: 16 Jul 2020 15:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BE506

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.3  | 38.4  | 57.6  |
| 122     | 89.2  | 67.0  | 100.6 |

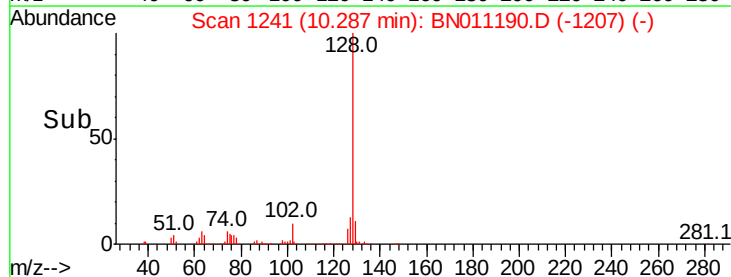
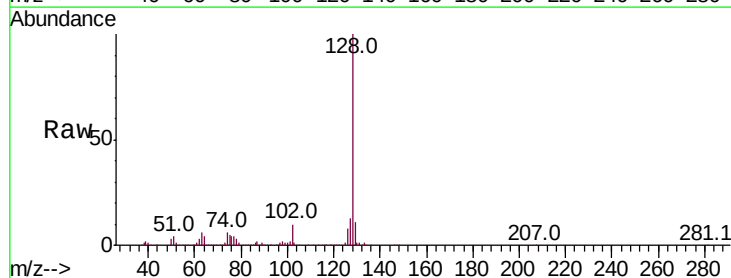
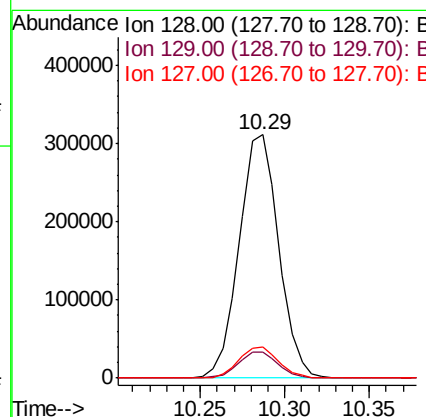
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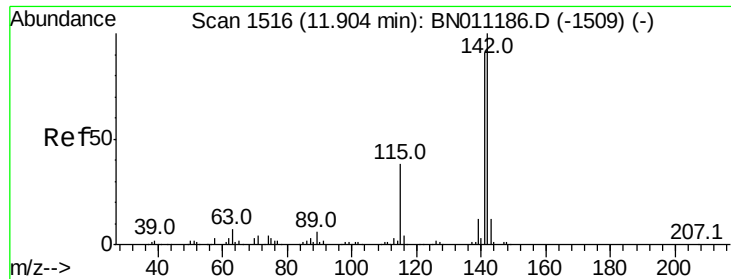
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 7/17/2020 12:31:36 PM



#28  
 Naphthalene  
 Concen: 12.169 ng/ul  
 RT: 10.29 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: BN011190.D  
 Acq: 16 Jul 2020 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 8.9   | 13.3  |
| 127     | 12.8  | 10.1  | 15.1  |





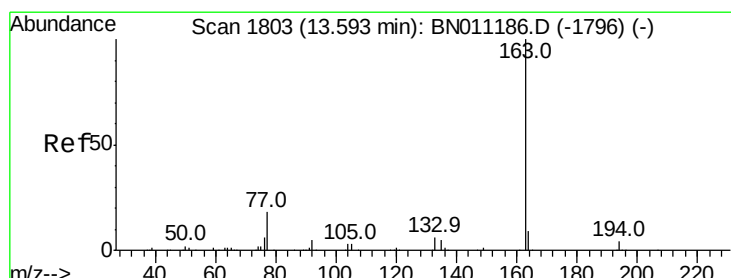
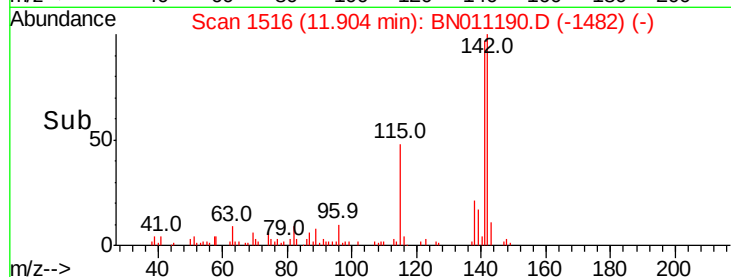
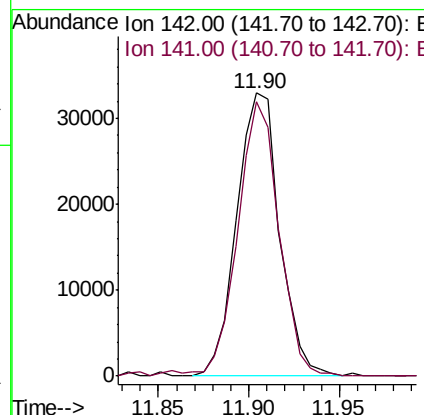
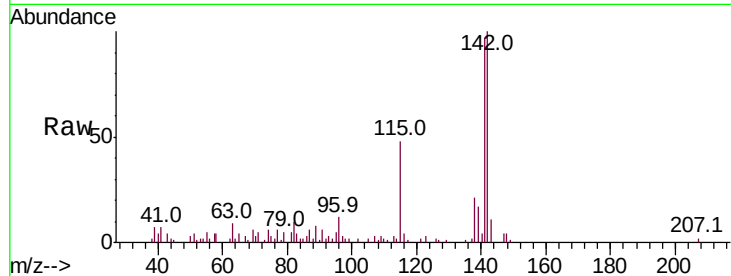
#34  
2-Methylnaphthalene  
Concen: 1.796 ng/ul  
RT: 11.90 min Scan# 1516  
Delta R.T. -0.00 min  
Lab File: BN011190.D  
Acq: 16 Jul 2020 15:23

Instrument :  
BNA\_N  
ClientSampled :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 97.0  | 68.1  | 102.1 |

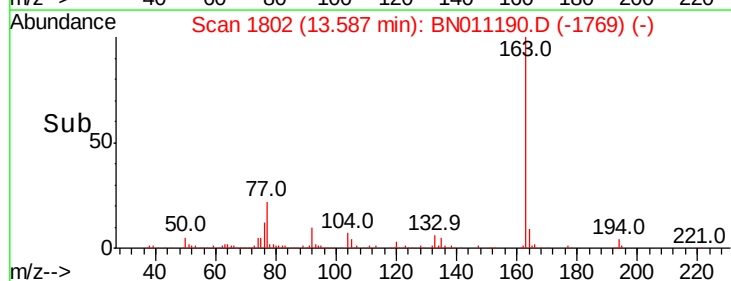
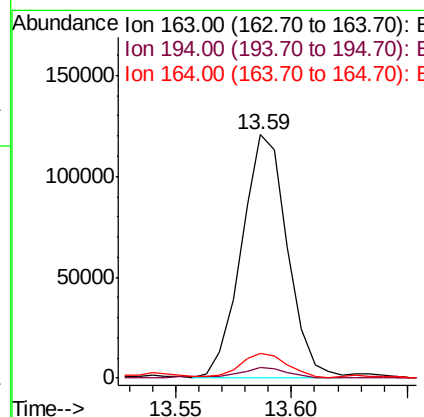
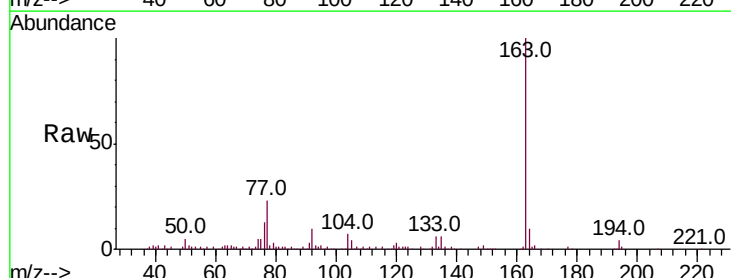
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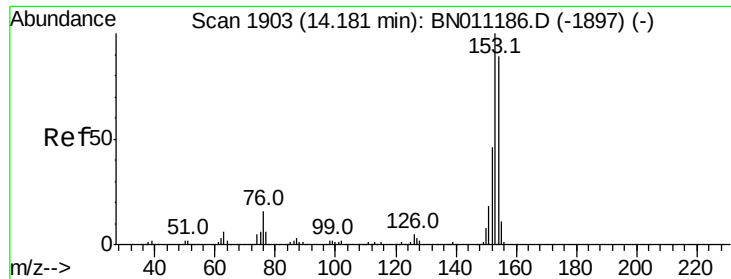
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#45  
Dimethylphthalate  
Concen: 4.463 ng/ul  
RT: 13.59 min Scan# 1802  
Delta R.T. -0.01 min  
Lab File: BN011190.D  
Acq: 16 Jul 2020 15:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.4   | 3.4   | 5.0   |
| 164     | 10.4  | 7.8   | 11.8  |





#50

Acenaphthene

Concen: 1.632 ng/ul

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN011190.D

Acq: 16 Jul 2020 15:23

Instrument :

BNA\_N

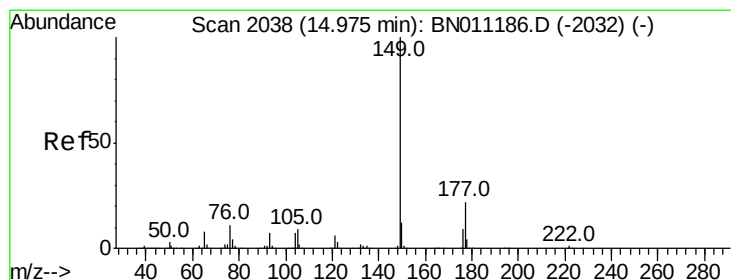
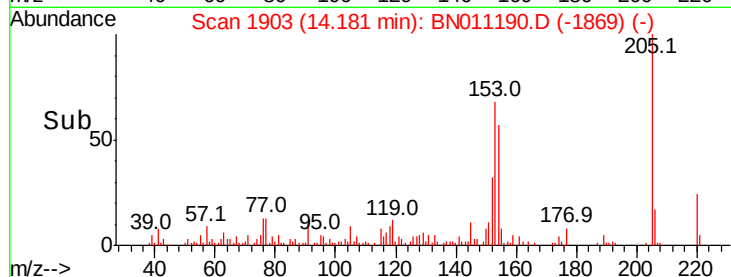
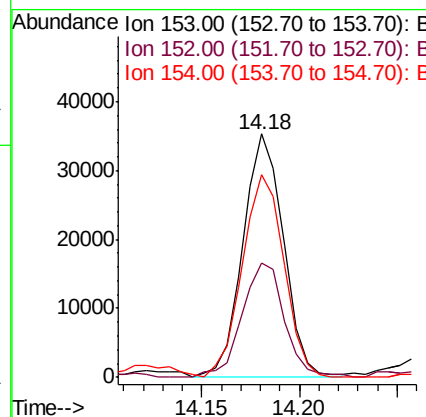
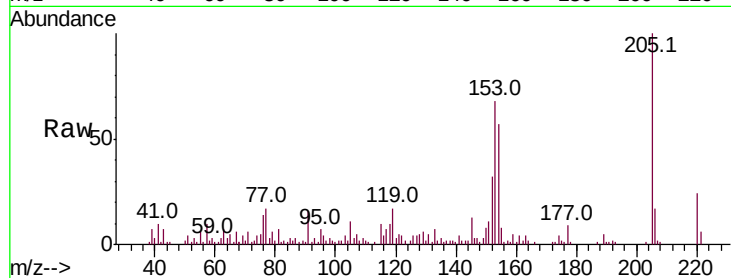
ClientSampled :

BE506

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:153 | Resp: | 51005     |
| Ion Ratio   | Lower | Upper     |
| 153         | 100   |           |
| 152         | 46.9  | 39.3 58.9 |
| 154         | 83.2  | 66.5 99.7 |

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#57

Diethylphthalate

Concen: 1.024 ng/ul

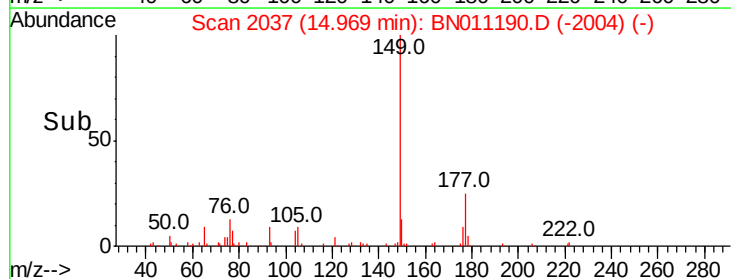
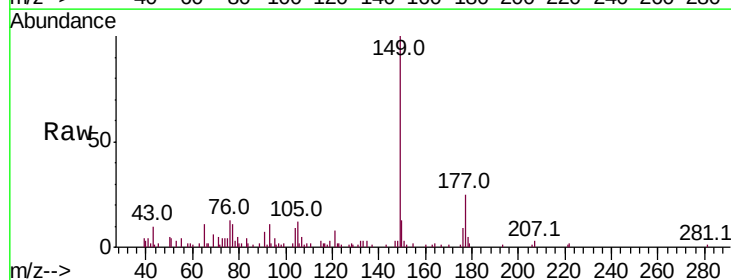
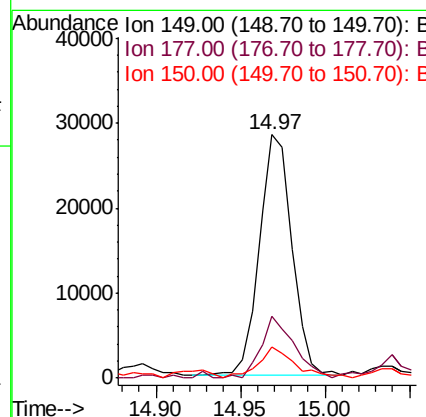
RT: 14.97 min Scan# 2037

Delta R.T. -0.01 min

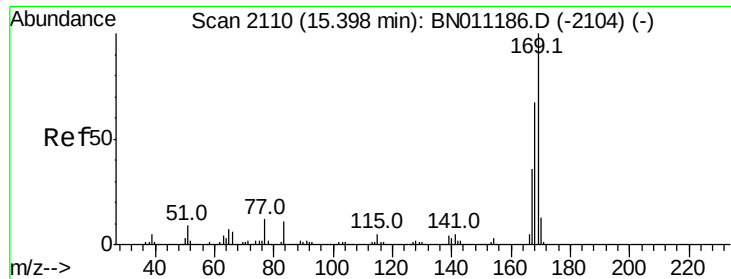
Lab File: BN011190.D

Acq: 16 Jul 2020 15:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 37843     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 25.3  | 17.5 26.3 |
| 150         | 12.8  | 10.3 15.5 |







#65  
 N-Nitrosodiphenylamine  
 Concen: 5.396 ng/ul  
 RT: 15.39 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BN011190.D  
 Acq: 16 Jul 2020 15:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BE506

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 169698 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 65.9  | 53.6  | 80.4   |
| 167       | 38.3  | 29.5  | 44.3   |

Manual Integrations  
 APPROVED

mohammad  
 7/17/2020 12:31:36 PM

