

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\  
 Data File : BG036141.D  
 Acq On : 7 Aug 2018 00:01  
 Operator : JU/SJ  
 Sample : J4355-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-WATER

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.128       | 308           | 313         | 322          | rBV      | 27515          | 46138         | 1.53%           | 0.398%        |
| 2         | 5.598       | 385           | 393         | 407          | rBV      | 185583         | 356424        | 11.85%          | 3.072%        |
| 3         | 7.184       | 656           | 663         | 674          | rBV      | 118203         | 230604        | 7.67%           | 1.988%        |
| 4         | 7.549       | 716           | 725         | 737          | rBV      | 409100         | 754380        | 25.08%          | 6.502%        |
| 5         | 8.007       | 797           | 803         | 810          | rBV      | 106369         | 188943        | 6.28%           | 1.628%        |
| 6         | 8.330       | 850           | 858         | 868          | rBV      | 412722         | 756761        | 25.16%          | 6.522%        |
| 7         | 9.170       | 993           | 1001        | 1015         | rBV      | 298814         | 615427        | 20.46%          | 5.304%        |
| 8         | 10.815      | 1273          | 1281        | 1298         | rBV      | 108338         | 232176        | 7.72%           | 2.001%        |
| 9         | 13.259      | 1689          | 1697        | 1709         | rBV      | 970595         | 1561239       | 51.90%          | 13.456%       |
| 10        | 14.099      | 1832          | 1840        | 1846         | rBV2     | 18234          | 33014         | 1.10%           | 0.285%        |
| 11        | 14.633      | 1924          | 1931        | 1945         | rBV2     | 216787         | 364713        | 12.12%          | 3.143%        |
| 12        | 15.367      | 2051          | 2056        | 2063         | rBV      | 87185          | 125219        | 4.16%           | 1.079%        |
| 13        | 16.125      | 2178          | 2185        | 2198         | rBV      | 911306         | 1466122       | 48.74%          | 12.636%       |
| 14        | 17.377      | 2387          | 2398        | 2408         | rBV      | 330190         | 529090        | 17.59%          | 4.560%        |
| 15        | 19.985      | 2836          | 2842        | 2853         | rBV      | 2298414        | 3008239       | 100.00%         | 25.927%       |
| 16        | 21.641      | 3117          | 3124        | 3133         | rBV2     | 367555         | 651881        | 21.67%          | 5.618%        |
| 17        | 23.098      | 3365          | 3372        | 3377         | rBV8     | 15903          | 38584         | 1.28%           | 0.333%        |
| 18        | 23.286      | 3399          | 3404        | 3409         | rBV5     | 16504          | 30451         | 1.01%           | 0.262%        |
| 19        | 24.819      | 3656          | 3665        | 3678         | rBV2     | 209894         | 613258        | 20.39%          | 5.285%        |

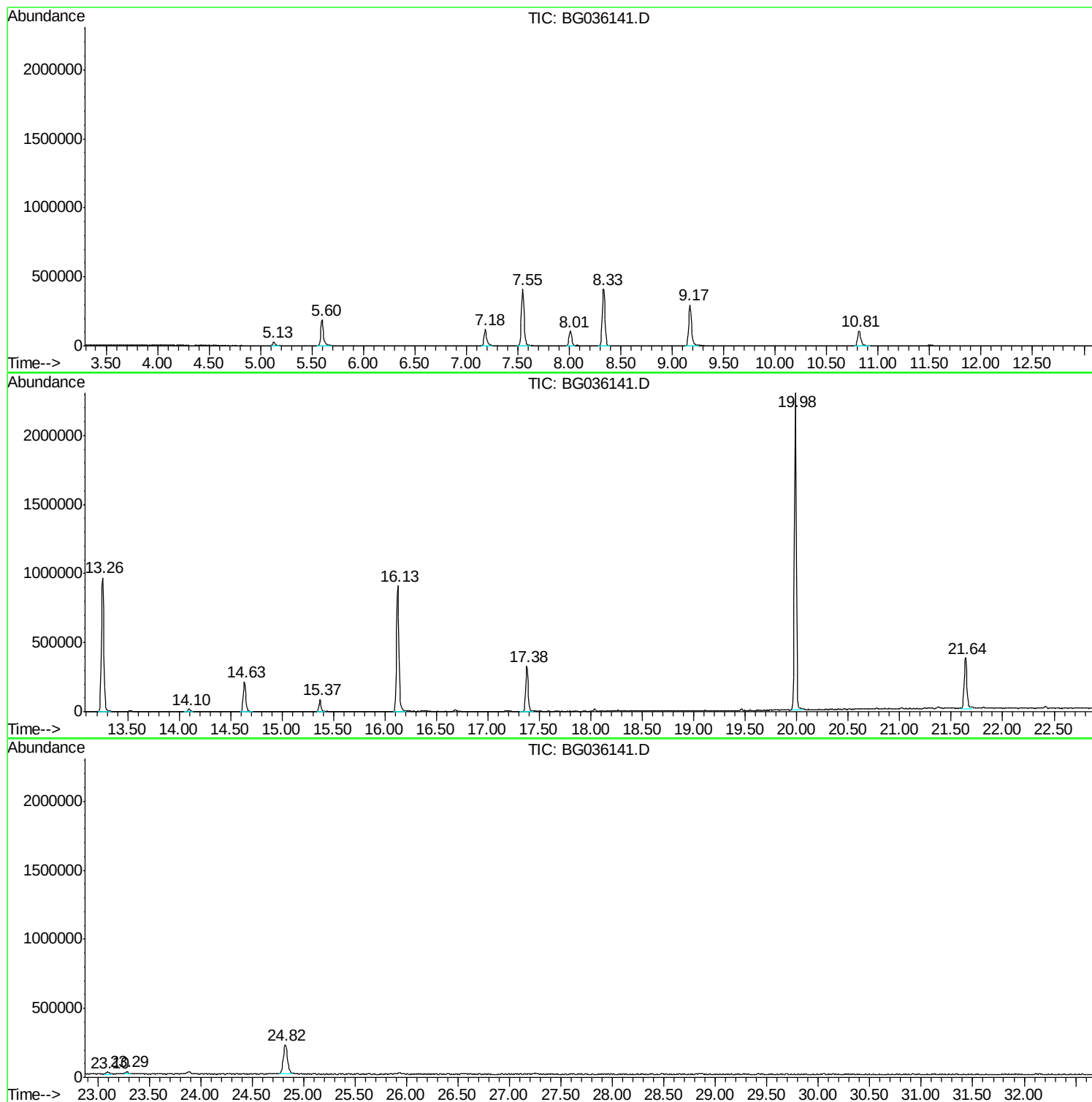
Sum of corrected areas: 11602663

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\  
Data File : BG036141.D  
Acq On : 7 Aug 2018 00:01  
Operator : JU/SJ  
Sample : J4355-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\  
Data File : BG036141.D  
Acq On : 7 Aug 2018 00:01  
Operator : JU/SJ  
Sample : J4355-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleID :  
WC-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

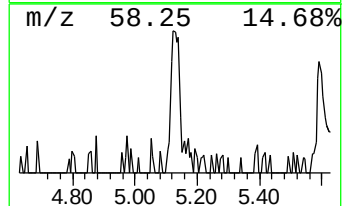
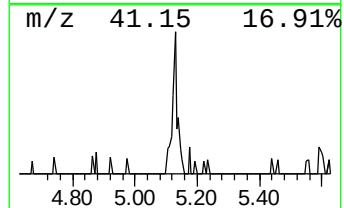
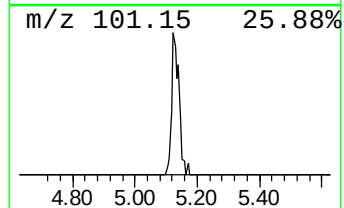
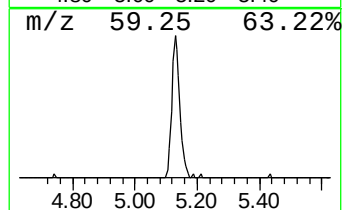
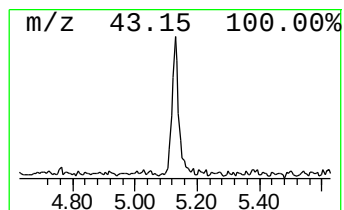
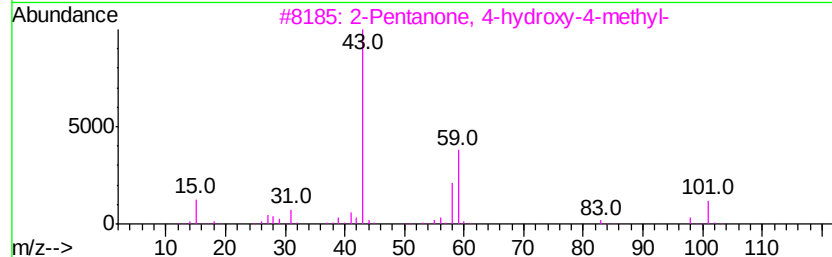
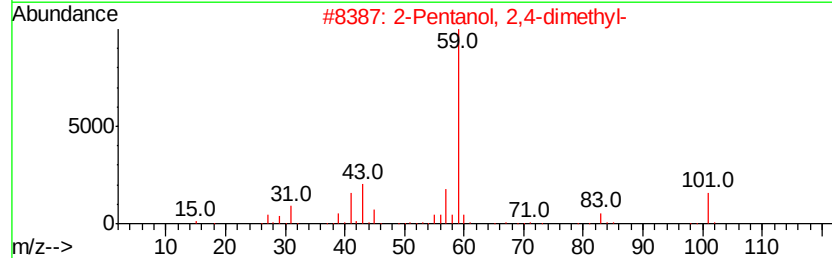
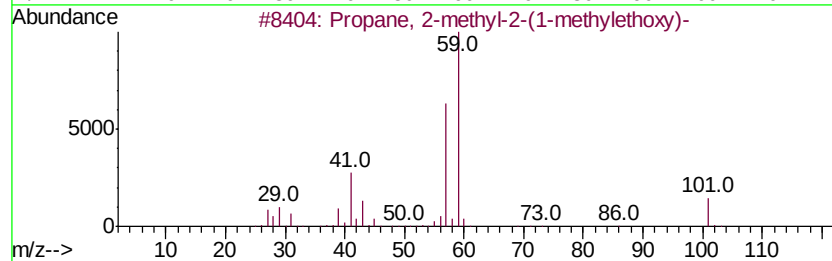
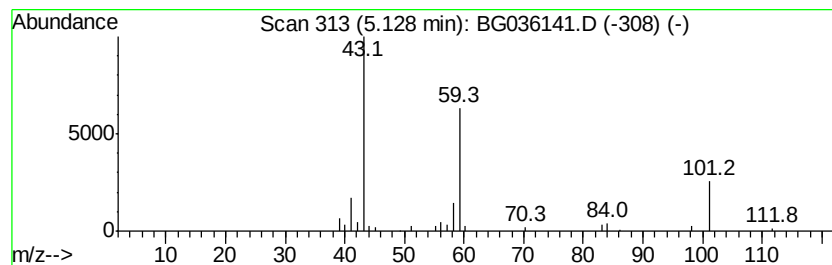
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.13 | 4.88 ng | 46138 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O  | 017348-59-3 | 50   |
| 2    |    | 2-Pentanol, 2,4-dimethyl-           | 116 | C7H16O  | 000625-06-9 | 42   |
| 3    |    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 40   |
| 4    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38   |
| 5    |    | 3-Hydroxy-3-methyl-2-butanone       | 102 | C5H10O2 | 000115-22-0 | 17   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\  
Data File : BG036141.D  
Acq On : 7 Aug 2018 00:01  
Operator : JU/SJ  
Sample : J4355-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

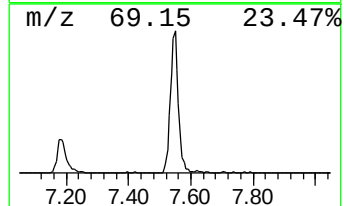
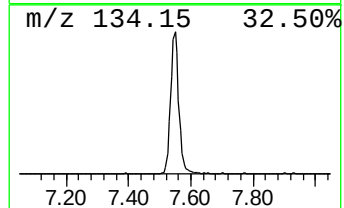
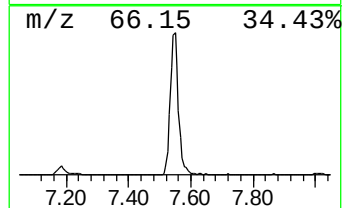
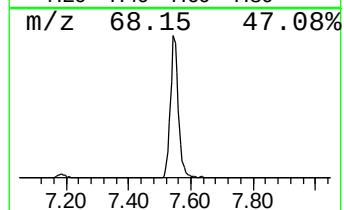
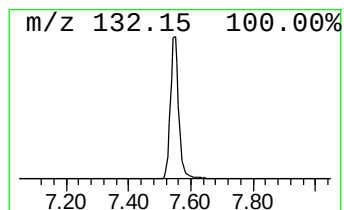
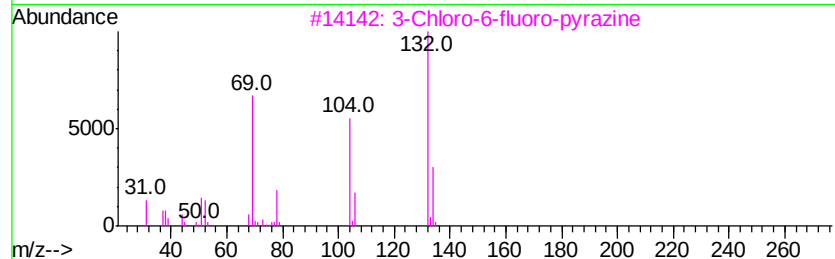
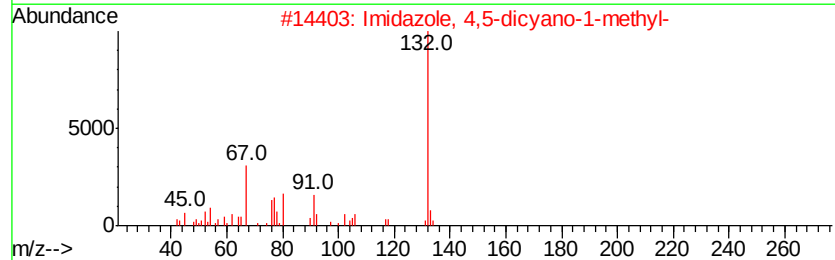
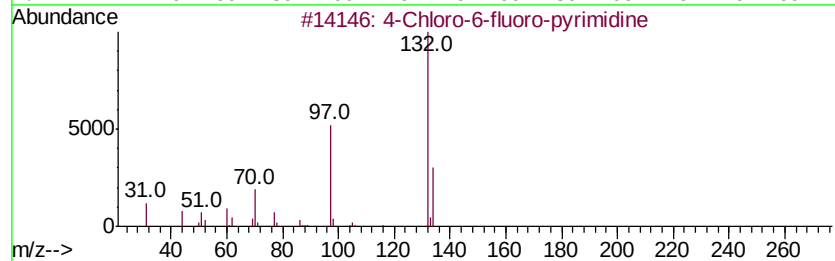
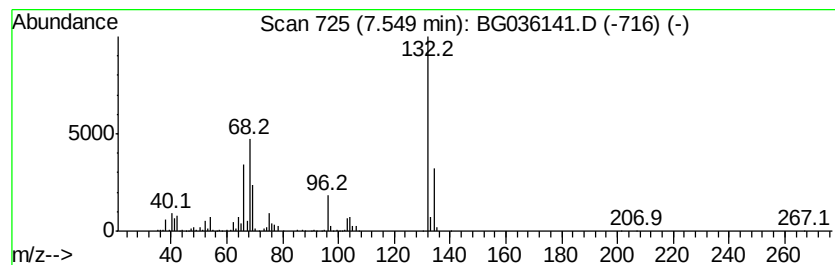
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown7.55 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.55 | 79.85 ng | 754380 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | Imidazole, 4,5-dicyano-1-methyl-    | 132 | C6H4N4    | 019485-35-9  | 25   |
| 3    |    | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 4    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 12   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\  
Data File : BG036141.D  
Acq On : 7 Aug 2018 00:01  
Operator : JU/SJ  
Sample : J4355-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

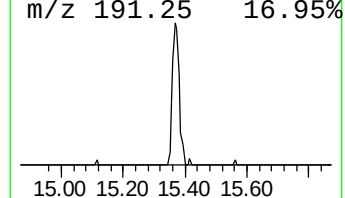
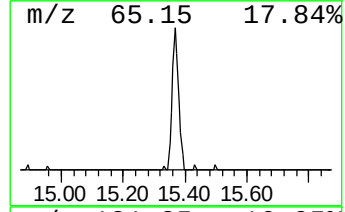
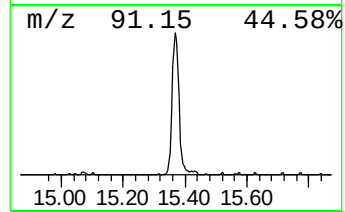
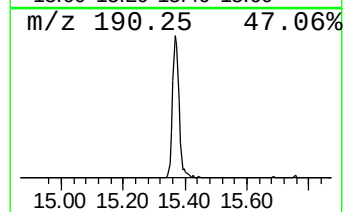
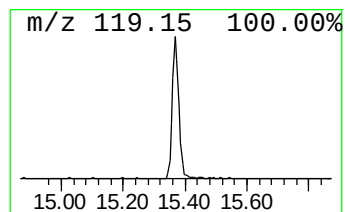
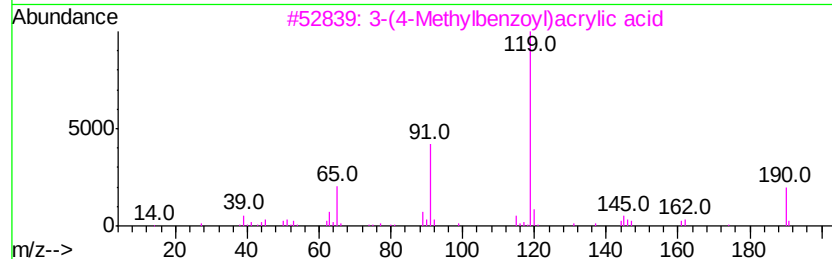
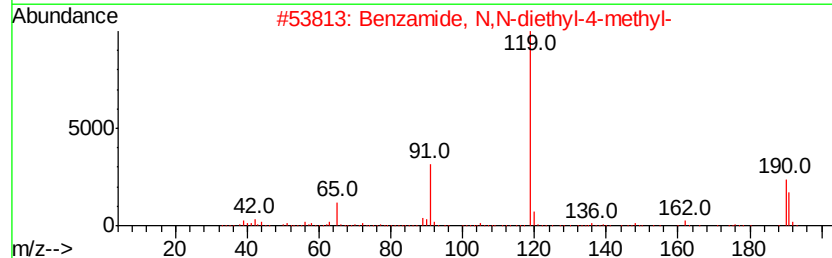
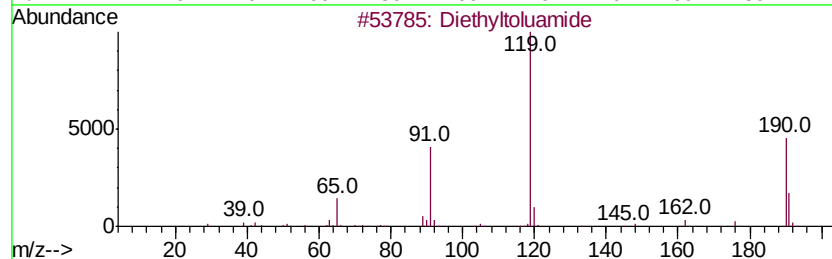
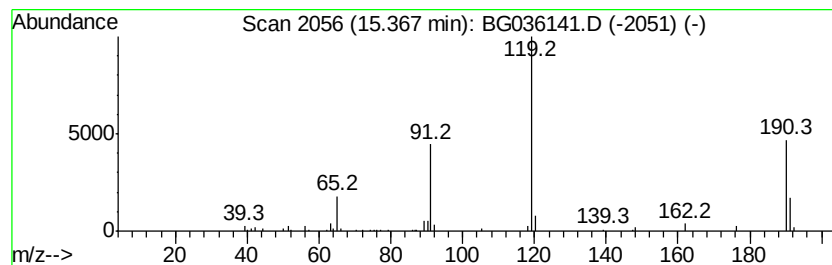
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Diethyltoluamide Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.37 | 6.87 ng | 125219 | Acenaphthene-d10 | 14.63 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | Diethyltoluamide                    | 191 | C12H17NO  | 000134-62-3  | 95   |
| 2         | Benzamide, N,N-diethyl-4-methyl-    | 191 | C12H17NO  | 002728-05-4  | 87   |
| 3         | 3-(4-Methylbenzoyl)acrylic acid     | 190 | C11H10O3  | 020972-36-5  | 72   |
| 4         | Benzoic acid, 3-methyl-, methyl ... | 150 | C9H10O2   | 000099-36-5  | 50   |
| 5         | Benzoic acid, 3-methyl-, pentafl... | 302 | C14H7F5O2 | 1000355-70-7 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG080618\  
Data File : BG036141.D  
Acq On : 7 Aug 2018 00:01  
Operator : JU/SJ  
Sample : J4355-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
WC-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propane, 2-methyl... | 5.13  | 4.9     | ng    | 46138    | 1                     | 8.01  | 188943 | 20.0 |
| unknown7.55          | 7.55  | 79.8    | ng    | 754380   | 1                     | 8.01  | 188943 | 20.0 |
| Diethyltoluamide     | 15.37 | 6.9     | ng    | 125219   | 3                     | 14.63 | 364713 | 20.0 |