

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\  
 Data File : BG036772.D  
 Acq On : 18 Sep 2018 4:03  
 Operator : JU/SJ  
 Sample : J4774-04  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-091418

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-BG082318.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         | 4.562       | 212           | 217         | 223          | rBV      | 46932          | 69950         | 1.78%           | 0.348%        |
| 2         | 5.161       | 310           | 319         | 326          | rBV      | 148254         | 221026        | 5.62%           | 1.100%        |
| 3         | 5.625       | 391           | 398         | 409          | rBV      | 929845         | 1485125       | 37.78%          | 7.388%        |
| 4         | 7.206       | 658           | 667         | 676          | rBV      | 874694         | 1508201       | 38.37%          | 7.503%        |
| 5         | 7.582       | 722           | 731         | 739          | rBV      | 952526         | 1614463       | 41.07%          | 8.032%        |
| 6         | 8.052       | 805           | 811         | 820          | rVB      | 205665         | 346919        | 8.83%           | 1.726%        |
| 7         | 8.375       | 858           | 866         | 874          | rVB      | 721222         | 1240915       | 31.57%          | 6.173%        |
| 8         | 9.209       | 1000          | 1008        | 1016         | rBV      | 623660         | 1093571       | 27.82%          | 5.440%        |
| 9         | 10.855      | 1279          | 1288        | 1304         | rBV      | 281863         | 499202        | 12.70%          | 2.483%        |
| 10        | 13.299      | 1696          | 1704        | 1711         | rBV      | 1604881        | 2506334       | 63.76%          | 12.469%       |
| 11        | 14.674      | 1931          | 1938        | 1948         | rBV2     | 423034         | 693563        | 17.64%          | 3.450%        |
| 12        | 16.160      | 2184          | 2191        | 2206         | rBV      | 1253903        | 1921054       | 48.87%          | 9.557%        |
| 13        | 17.417      | 2398          | 2405        | 2417         | rBV      | 604200         | 897245        | 22.83%          | 4.464%        |
| 14        | 20.026      | 2842          | 2849        | 2860         | rBV      | 2963668        | 3930823       | 100.00%         | 19.555%       |
| 15        | 21.683      | 3124          | 3131        | 3140         | rBV      | 631104         | 1020615       | 25.96%          | 5.077%        |
| 16        | 23.975      | 3516          | 3521        | 3527         | rVB4     | 22523          | 43864         | 1.12%           | 0.218%        |
| 17        | 24.891      | 3666          | 3677        | 3693         | rBV2     | 330062         | 1008111       | 25.65%          | 5.015%        |

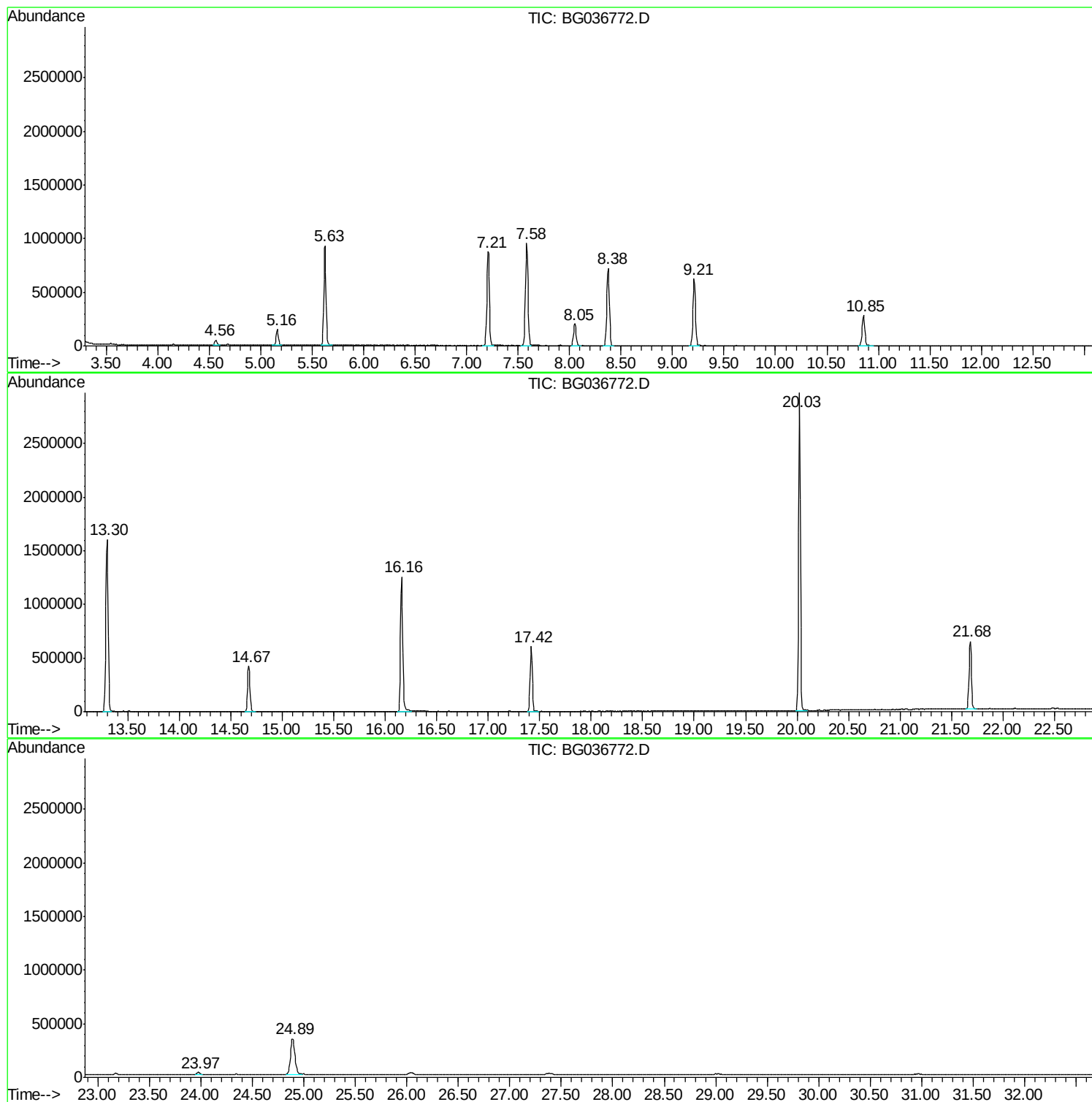
Sum of corrected areas: 20100981

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



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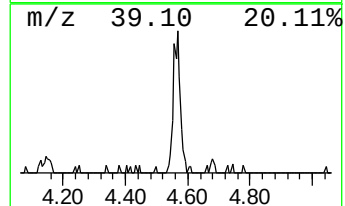
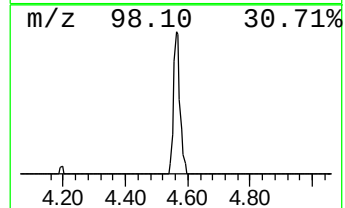
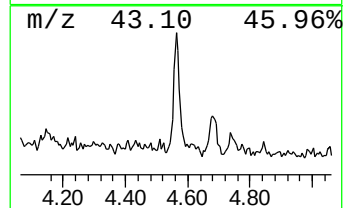
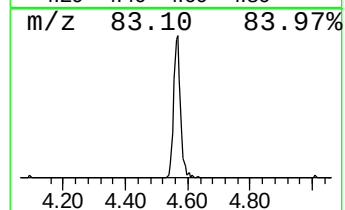
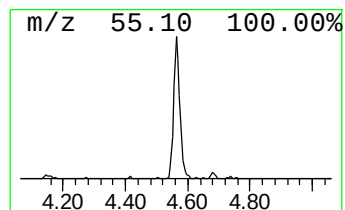
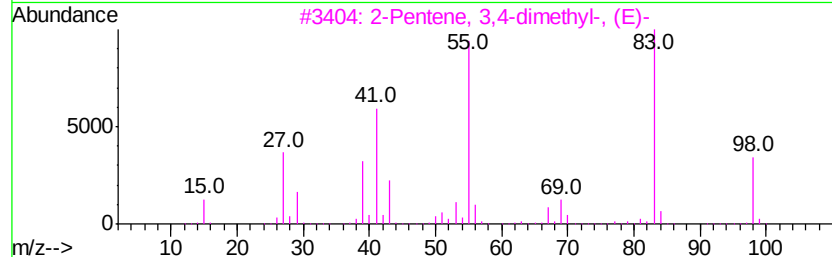
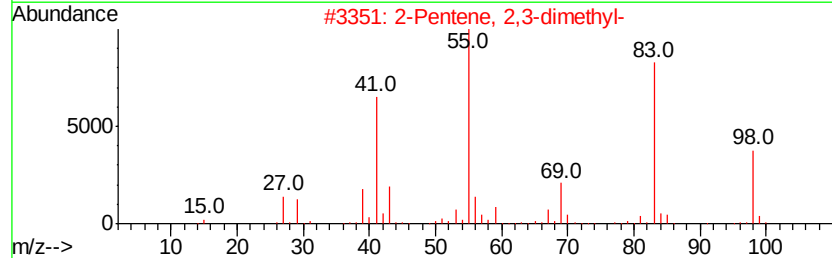
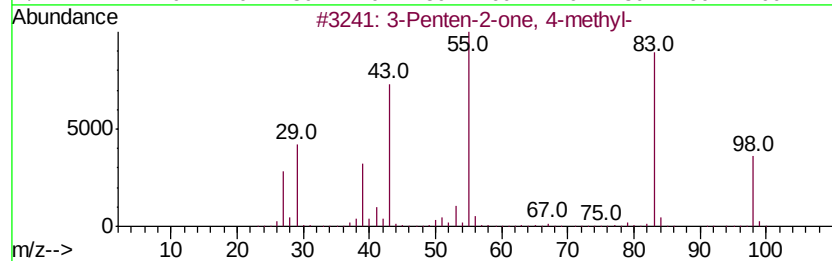
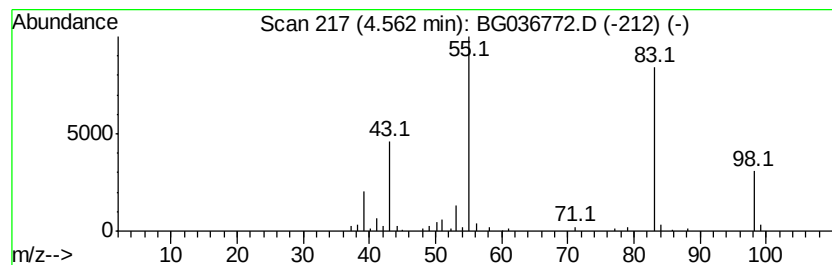
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.56 | 4.03 ng | 69950 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 83   |
| 2    |    |   | 2-Pentene, 2,3-dimethyl-       | 98 | C7H14   | 010574-37-5 | 78   |
| 3    |    |   | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 78   |
| 4    |    |   | 2-Pentene, 3,4-dimethyl-       | 98 | C7H14   | 024910-63-2 | 78   |
| 5    |    |   | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 78   |



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ClientSampled :  
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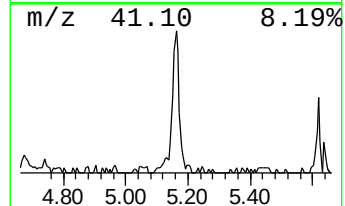
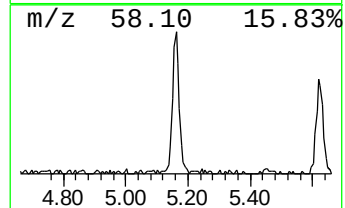
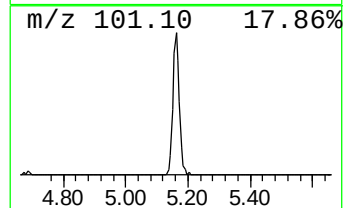
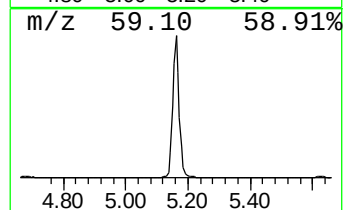
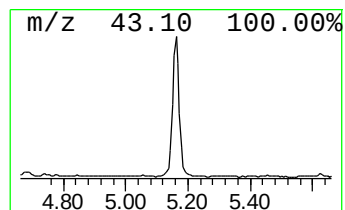
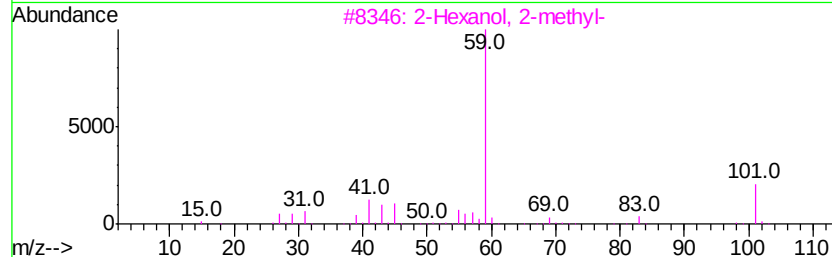
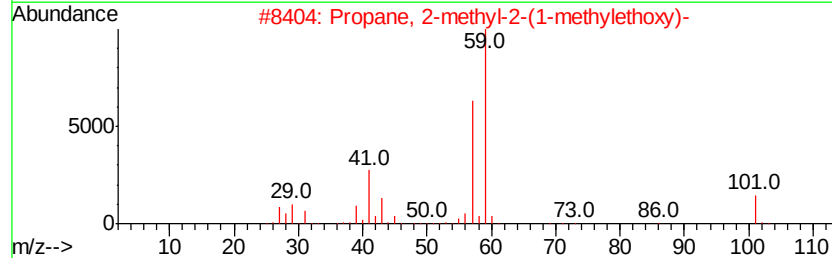
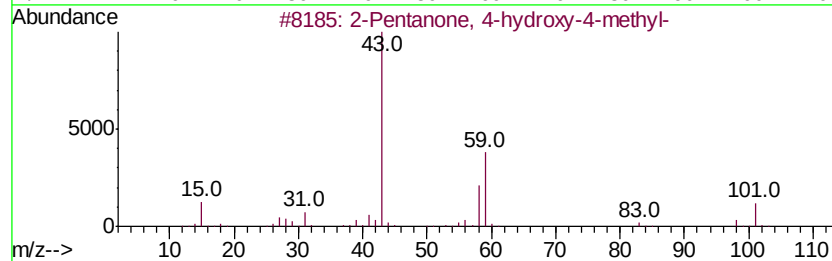
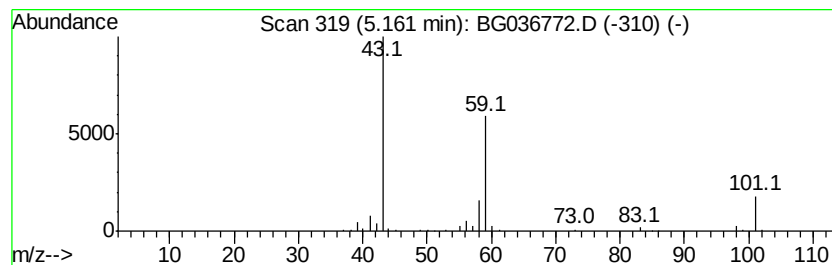
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.16 | 12.74 ng | 221026 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O  | 017348-59-3 | 42   |
| 3    |    | 2-Hexanol, 2-methyl-                | 116 | C7H16O  | 000625-23-0 | 28   |
| 4    |    | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 10   |
| 5    |    | Propane, 2-ethoxy-2-methyl-         | 102 | C6H14O  | 000637-92-3 | 9    |



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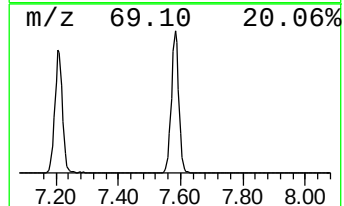
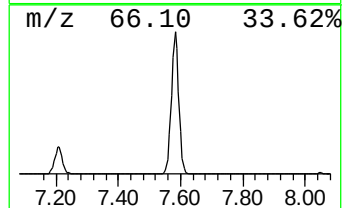
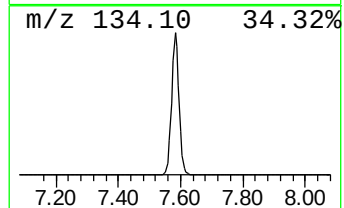
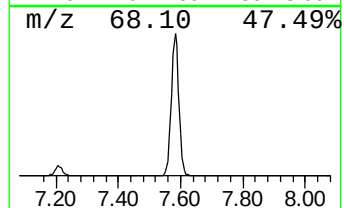
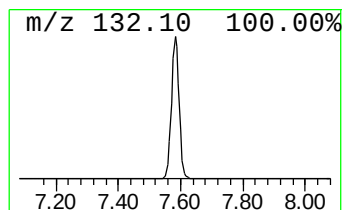
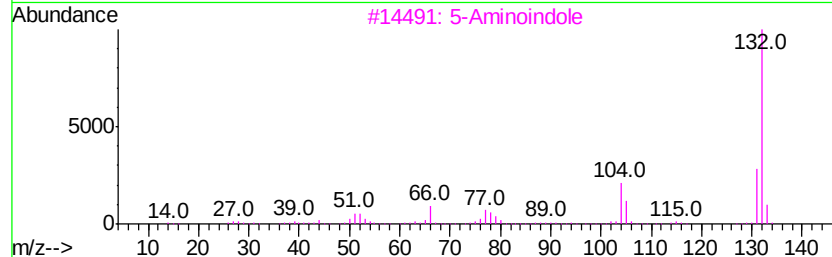
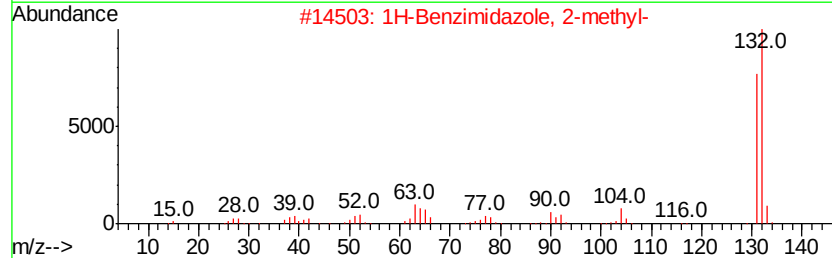
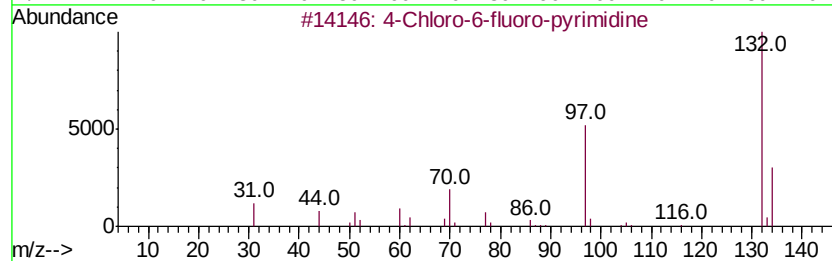
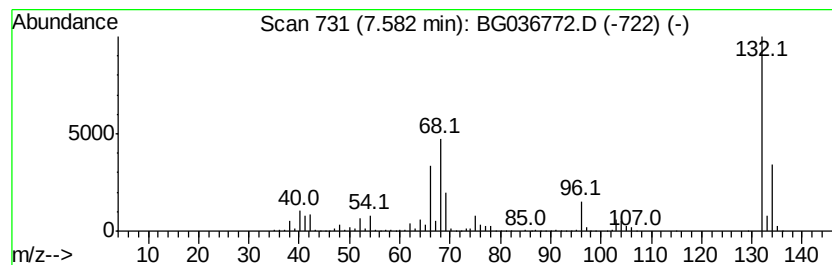
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.58 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.58 | 93.07 ng | 1614460 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 22   |
| 4    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 5    |    | Cyclopropanamine, 1-phenyl-  | 133 | C9H11N    | 1000351-26-2 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 3-Penten-2-one, 4... | 4.56 | 4.0     | ng    | 69950    | 1                     | 8.05 | 346919 | 20.0 |
| 2-Pentanone, 4-hy... | 5.16 | 12.7    | ng    | 221026   | 1                     | 8.05 | 346919 | 20.0 |
| unknown7.58          | 7.58 | 93.1    | ng    | 1614460  | 1                     | 8.05 | 346919 | 20.0 |