

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\  
 Data File : BG019980.D  
 Acq On : 7 Dec 2015 14:13  
 Operator : UM/NP  
 Sample : PB87054BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB87054BL

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

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

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG120215.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         | 2.991       | 21            | 26          | 46           | rVB      | 1367342        | 1833295       | 100.00%         | 18.722%       |
| 2         | 5.189       | 394           | 400         | 409          | rVB      | 64785          | 97975         | 5.34%           | 1.001%        |
| 3         | 5.659       | 472           | 480         | 489          | rBV      | 336866         | 514500        | 28.06%          | 5.254%        |
| 4         | 7.263       | 745           | 753         | 764          | rBV      | 353026         | 582652        | 31.78%          | 5.950%        |
| 5         | 7.645       | 809           | 818         | 825          | rBV      | 332712         | 562776        | 30.70%          | 5.747%        |
| 6         | 8.115       | 891           | 898         | 905          | rVB      | 70890          | 116058        | 6.33%           | 1.185%        |
| 7         | 8.438       | 946           | 953         | 961          | rBV      | 244823         | 407372        | 22.22%          | 4.160%        |
| 8         | 9.278       | 1088          | 1096        | 1108         | rVB      | 204479         | 361825        | 19.74%          | 3.695%        |
| 9         | 10.929      | 1371          | 1377        | 1385         | rVB      | 99969          | 180328        | 9.84%           | 1.842%        |
| 10        | 13.367      | 1785          | 1792        | 1800         | rBV      | 638092         | 970444        | 52.93%          | 9.910%        |
| 11        | 14.742      | 2020          | 2026        | 2034         | rVB2     | 184585         | 295105        | 16.10%          | 3.014%        |
| 12        | 16.229      | 2272          | 2279        | 2293         | rBV      | 509108         | 799868        | 43.63%          | 8.168%        |
| 13        | 17.486      | 2486          | 2493        | 2500         | rVB2     | 257264         | 388934        | 21.22%          | 3.972%        |
| 14        | 20.089      | 2930          | 2936        | 2941         | rBV      | 1323559        | 1730684       | 94.40%          | 17.674%       |
| 15        | 21.758      | 3213          | 3220        | 3230         | rVB      | 310984         | 498570        | 27.20%          | 5.091%        |
| 16        | 25.042      | 3768          | 3779        | 3792         | rBV      | 156248         | 452049        | 24.66%          | 4.616%        |

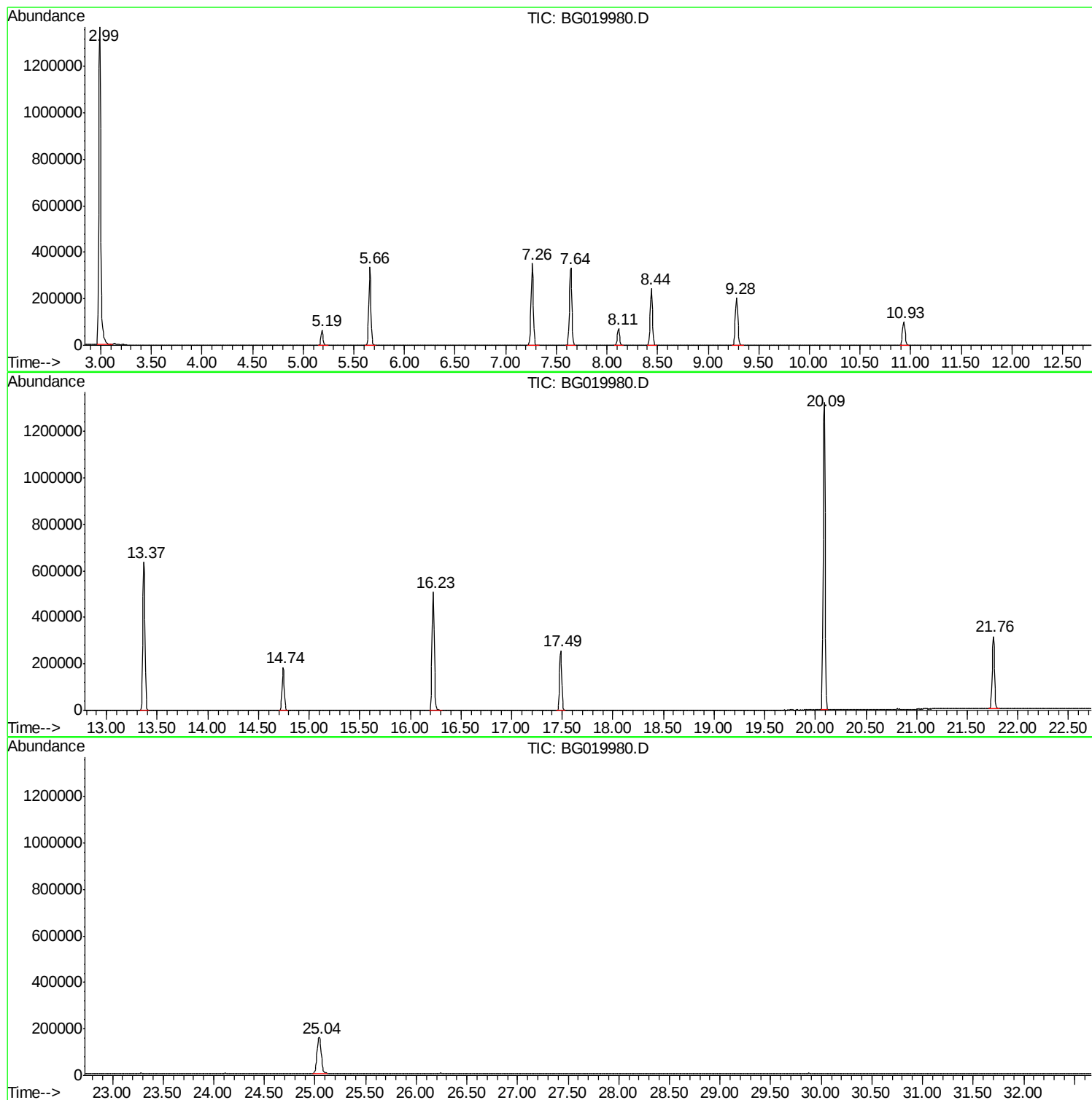
Sum of corrected areas: 9792435

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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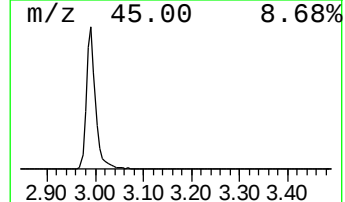
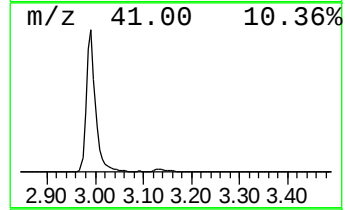
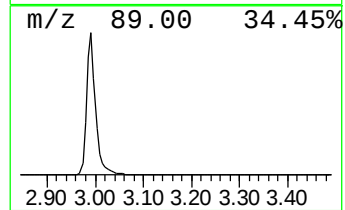
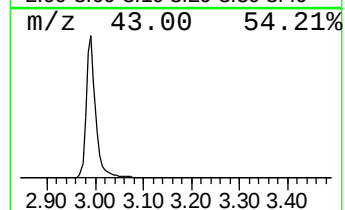
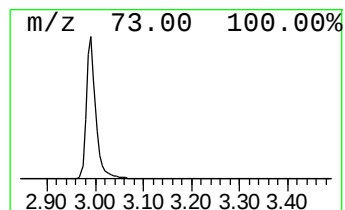
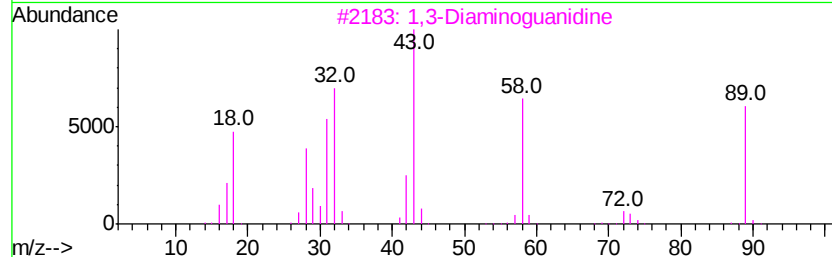
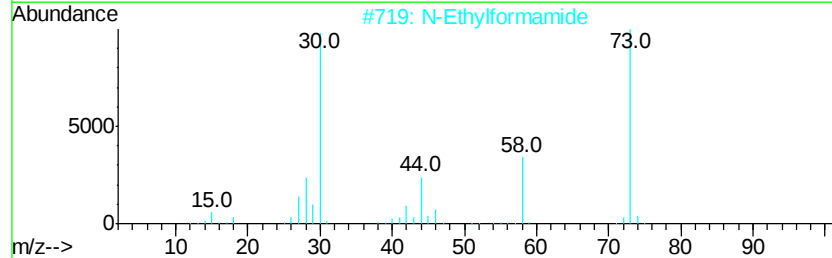
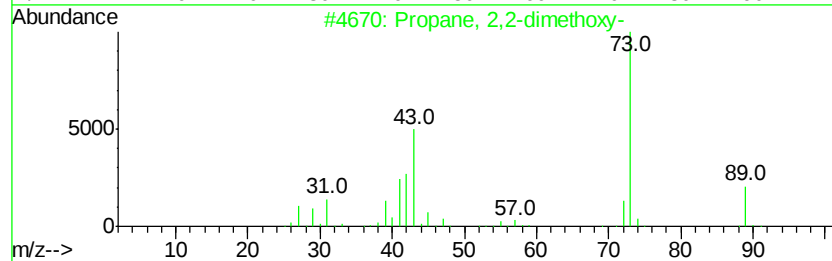
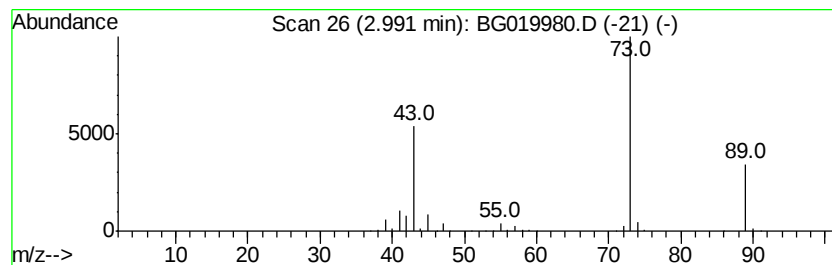
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 2.99 | 315.93 ng | 1833300 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------------|--------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-             | 104 | C5H12O2       | 000077-76-9  | 56   |
| 2    |    | N-Ethylformamide                    | 73  | C3H7NO        | 000627-45-2  | 9    |
| 3    |    | 1,3-Diaminoquanidine                | 89  | CH7N5         | 004364-78-7  | 9    |
| 4    |    | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO      | 100244-09-5  | 9    |
| 5    |    | 1,3-Dioxolane, 2-(3-bromo-5,5,5-... | 352 | C10H16BrCl3O2 | 1000115-31-4 | 9    |



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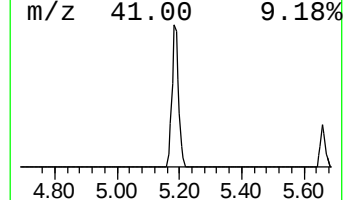
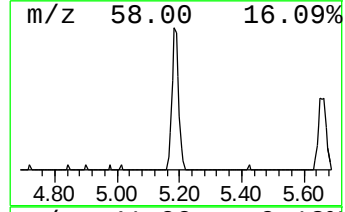
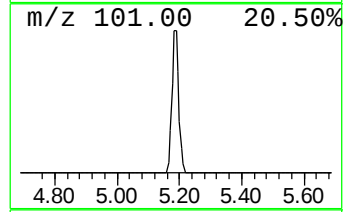
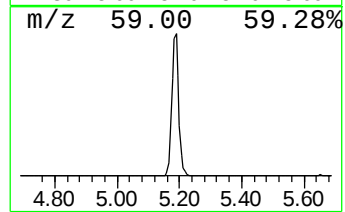
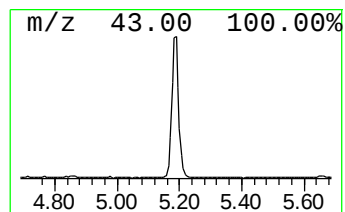
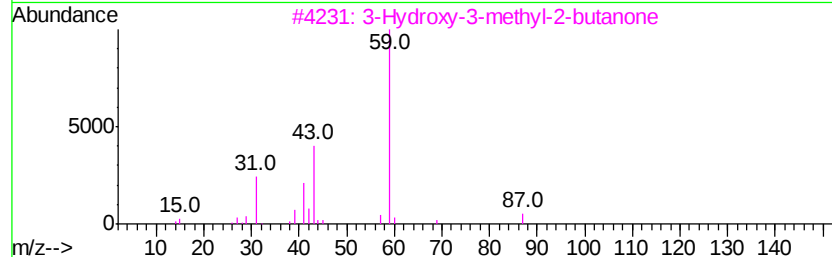
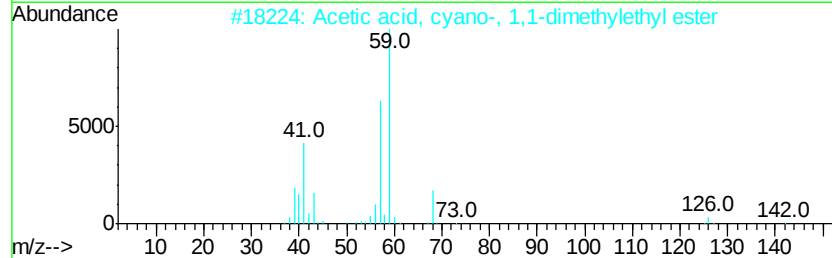
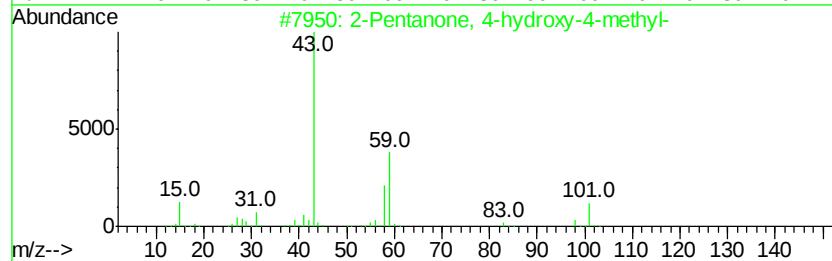
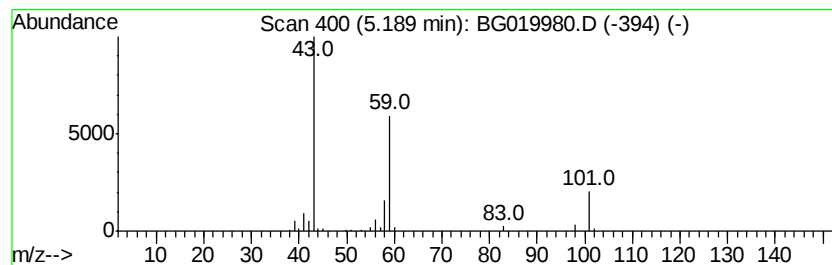
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc  | Area  | Relative to ISTD       | R.T. |
|------|----------|-------|------------------------|------|
| 5.19 | 16.88 ng | 97975 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    | 3-Hydroxy-3-methyl-2-butanone        | 102 | C5H10O2  | 000115-22-0 | 17   |
| 4    |    | Acetone                              | 58  | C3H6O    | 000067-64-1 | 10   |
| 5    |    | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |



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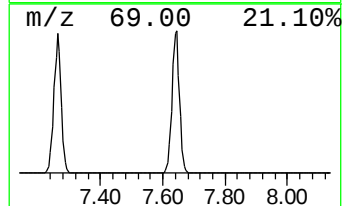
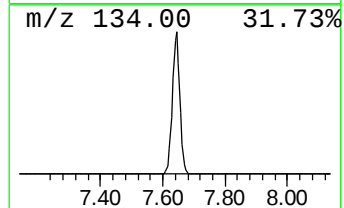
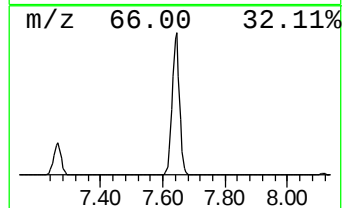
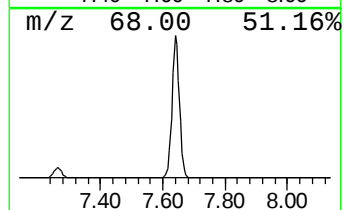
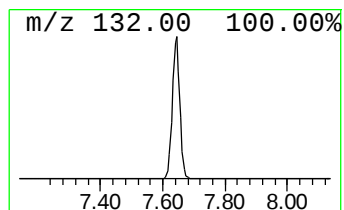
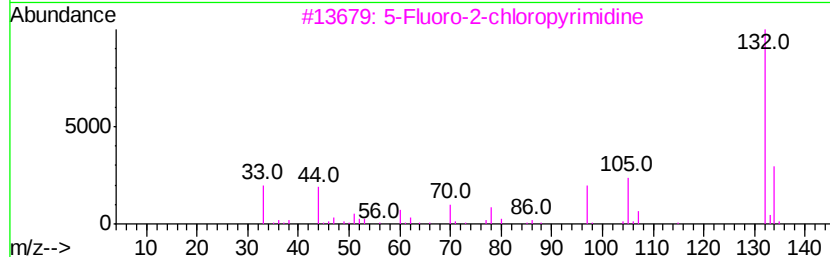
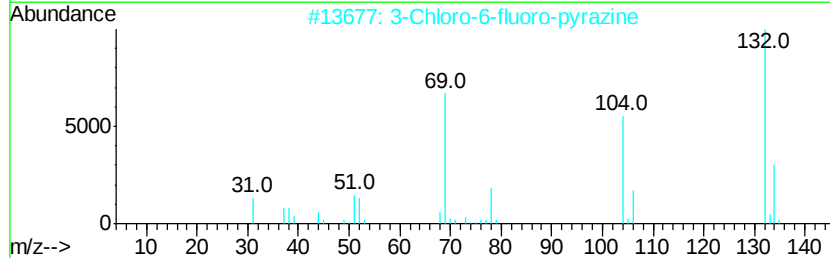
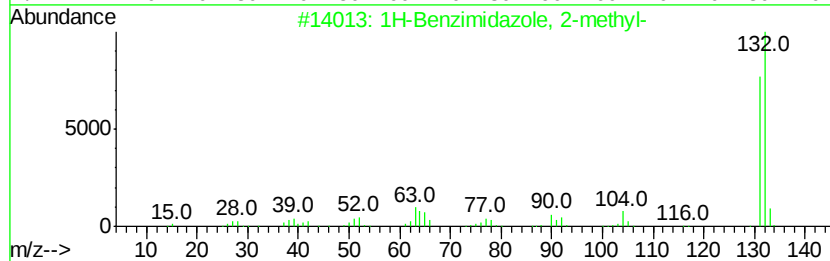
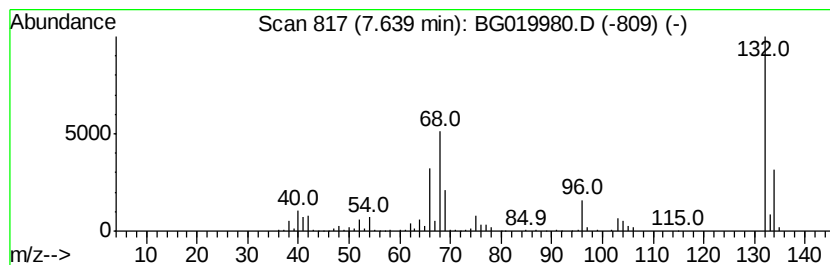
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.64 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.64 | 96.98 ng | 562776 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propane, 2,2-dime... | 2.99 | 315.9   | ng    | 1833300  | 1                     | 8.11 | 116058 | 20.0 |
| 2-Pentanone, 4-hy... | 5.19 | 16.9    | ng    | 97975    | 1                     | 8.11 | 116058 | 20.0 |
| unknown7.64          | 7.64 | 97.0    | ng    | 562776   | 1                     | 8.11 | 116058 | 20.0 |