

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051515\  
 Data File : BG017176.D  
 Acq On : 15 May 2015 15:30  
 Operator : TP/IZ  
 Sample : PB83400BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83400BL

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-BG051315.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         | 4.811       | 356           | 361         | 369          | rBV      | 259742         | 362063        | 10.13%          | 1.892%        |
| 2         | 5.299       | 438           | 444         | 454          | rBV      | 985610         | 1412491       | 39.52%          | 7.383%        |
| 3         | 5.892       | 540           | 545         | 552          | rBV      | 25453          | 37486         | 1.05%           | 0.196%        |
| 4         | 6.909       | 711           | 718         | 731          | rBV      | 1031412        | 1565873       | 43.82%          | 8.185%        |
| 5         | 7.250       | 769           | 776         | 784          | rBV      | 955918         | 1513603       | 42.35%          | 7.912%        |
| 6         | 7.702       | 847           | 853         | 862          | rVB      | 243879         | 371765        | 10.40%          | 1.943%        |
| 7         | 8.025       | 900           | 908         | 916          | rVB      | 695407         | 1073960       | 30.05%          | 5.614%        |
| 8         | 8.865       | 1044          | 1051        | 1059         | rBV      | 590060         | 942599        | 26.38%          | 4.927%        |
| 9         | 10.499      | 1322          | 1329        | 1338         | rBV      | 311315         | 515893        | 14.44%          | 2.697%        |
| 10        | 12.978      | 1744          | 1751        | 1760         | rBV      | 1402455        | 2002187       | 56.02%          | 10.465%       |
| 11        | 14.359      | 1980          | 1986        | 1994         | rBV2     | 496470         | 733785        | 20.53%          | 3.835%        |
| 12        | 15.851      | 2233          | 2240        | 2251         | rBV      | 1334163        | 1878368       | 52.56%          | 9.818%        |
| 13        | 17.109      | 2447          | 2454        | 2462         | rBV      | 707335         | 992707        | 27.78%          | 5.189%        |
| 14        | 19.741      | 2896          | 2902        | 2909         | rBV      | 2975945        | 3573786       | 100.00%         | 18.680%       |
| 15        | 21.292      | 3160          | 3166        | 3172         | rBV      | 903740         | 1093163       | 30.59%          | 5.714%        |
| 16        | 23.560      | 3544          | 3552        | 3560         | rBV2     | 561116         | 1061911       | 29.71%          | 5.551%        |

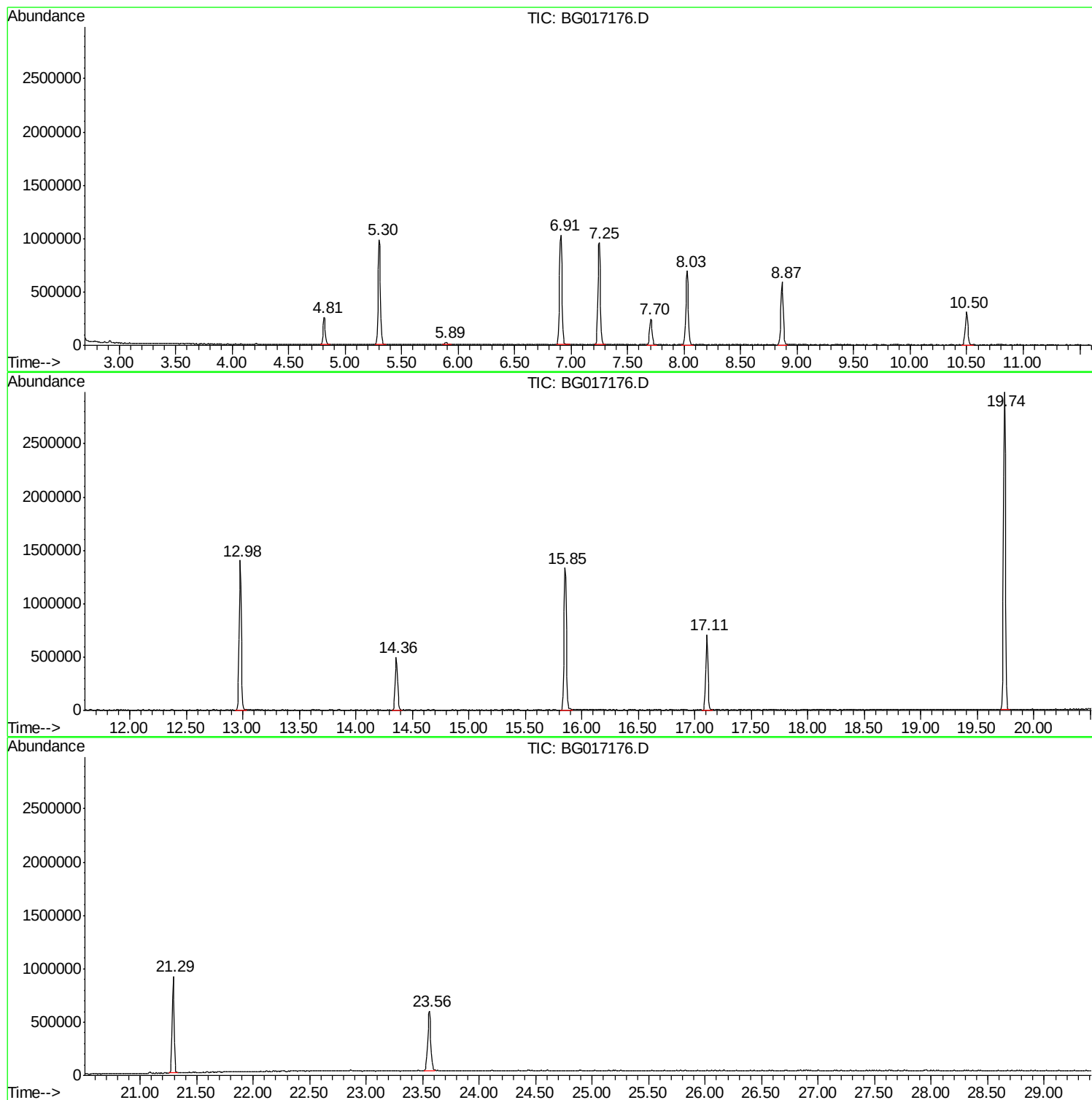
Sum of corrected areas: 19131640

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.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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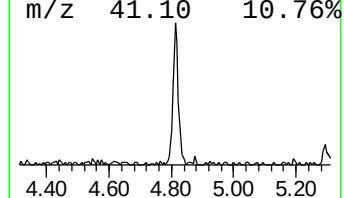
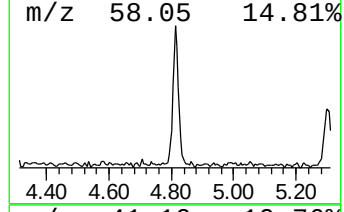
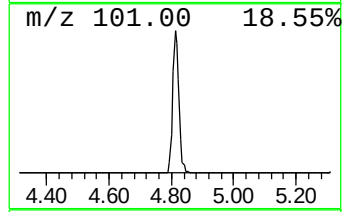
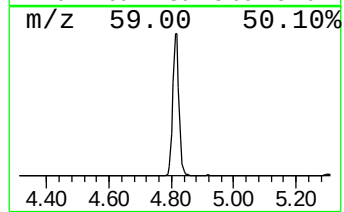
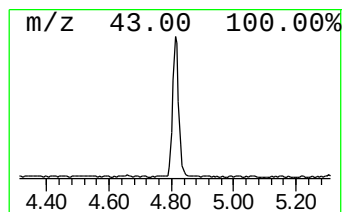
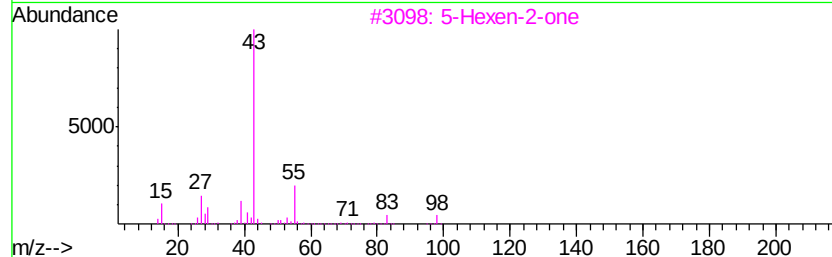
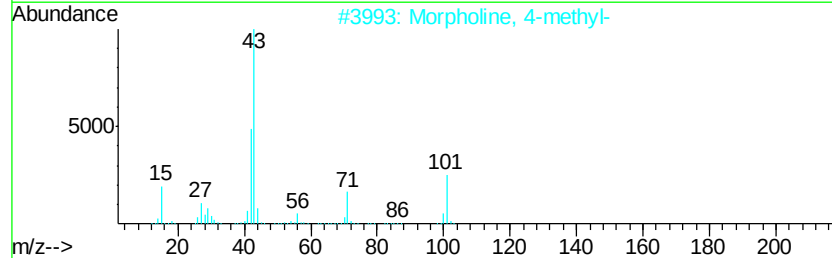
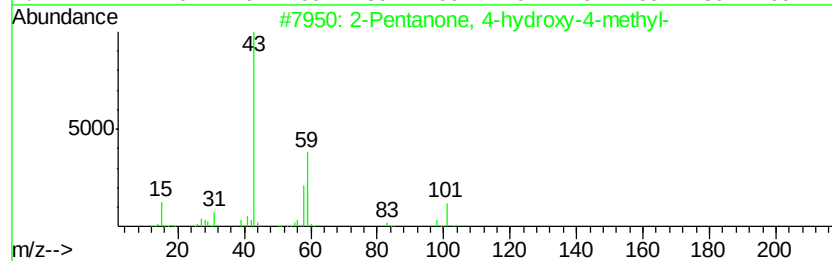
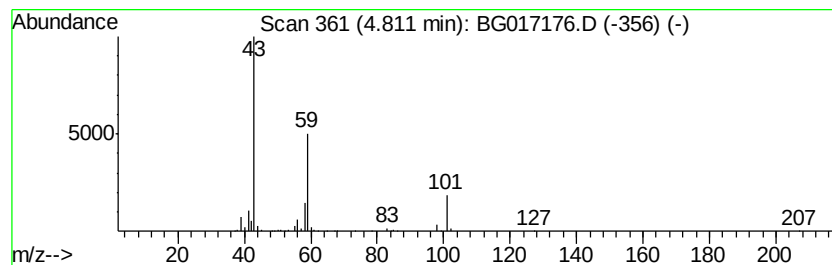
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.81 | 19.48 ng | 362063 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    |   | Morpholine, 4-methyl-              | 101 | C5H11NO | 000109-02-4 | 9    |
| 3    |    |   | 5-Hexen-2-one                      | 98  | C6H10O  | 000109-49-9 | 9    |
| 4    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9    |
| 5    |    |   | Thiocyanic acid, propyl ester      | 101 | C4H7NS  | 004251-16-5 | 9    |



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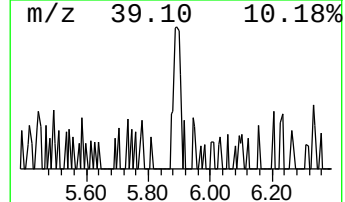
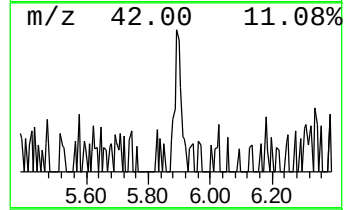
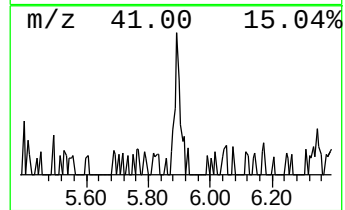
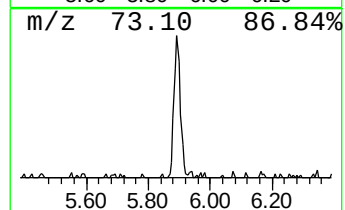
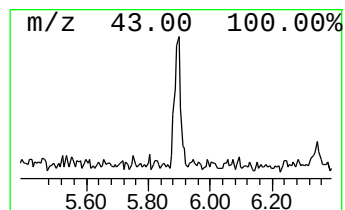
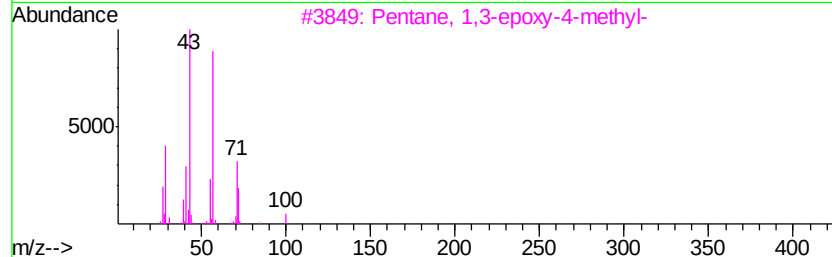
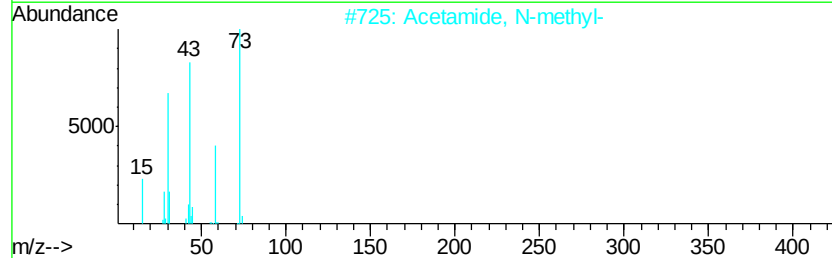
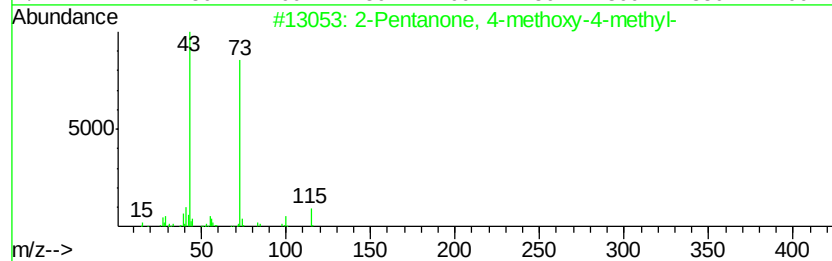
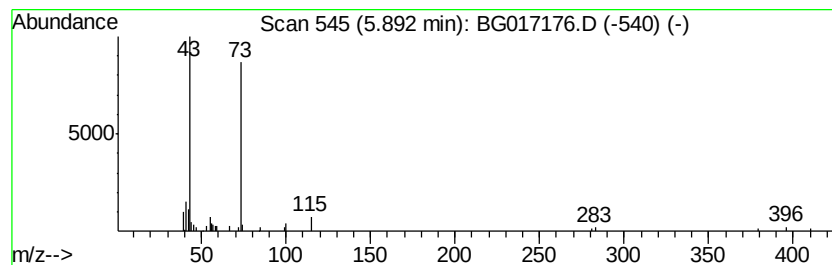
TIC Library : C:\DATABASE\NIST02.L  
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Peak Number 2 unknown5.89 Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.89 | 2.02 ng | 37486 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-methoxy-4-methyl- | 130 | C7H14O2      | 000107-70-0 | 59      |      |      |
| 2    | Acetamide, N-methyl-             | 73  | C3H7NO       | 000079-16-3 | 42      |      |      |
| 3    | Pentane, 1,3-epoxy-4-methyl-     | 100 | C6H12O       | 015045-60-0 | 32      |      |      |
| 4    | 2-Methyl-2,4-dimethoxybutane     | 132 | C7H16O2      | 039836-89-0 | 16      |      |      |
| 5    | 2-Hexanone, 4-methyl-            | 114 | C7H14O       | 000105-42-0 | 12      |      |      |



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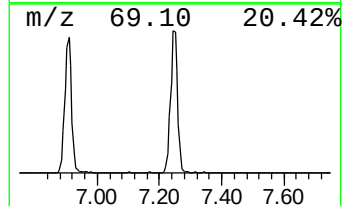
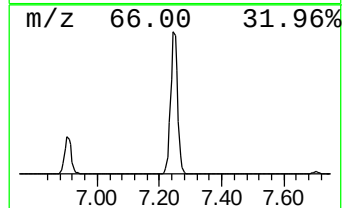
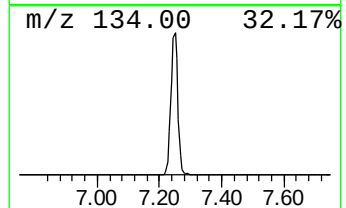
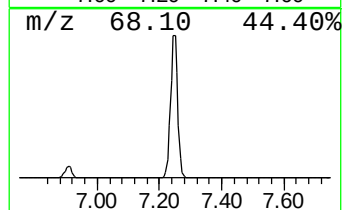
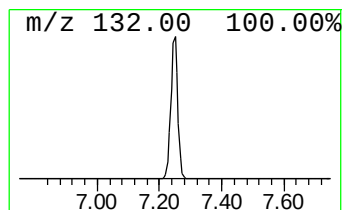
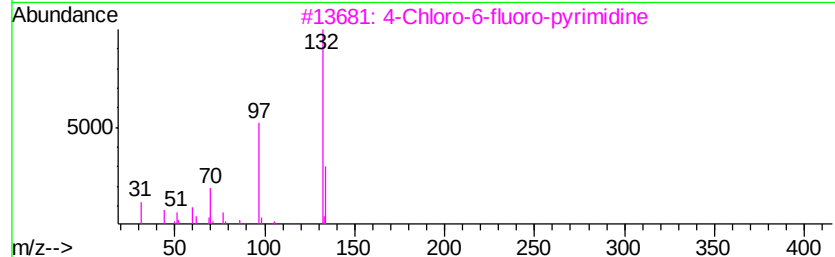
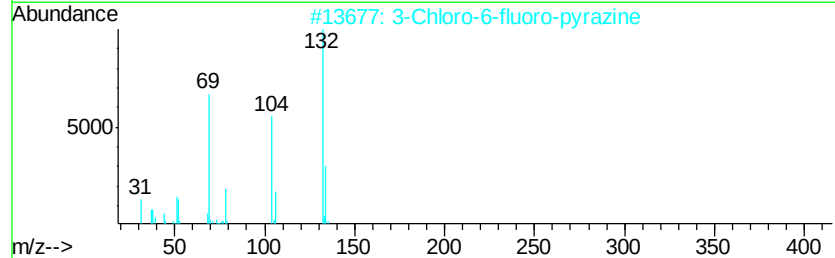
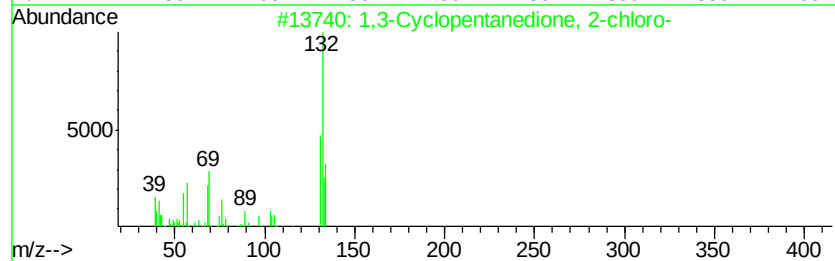
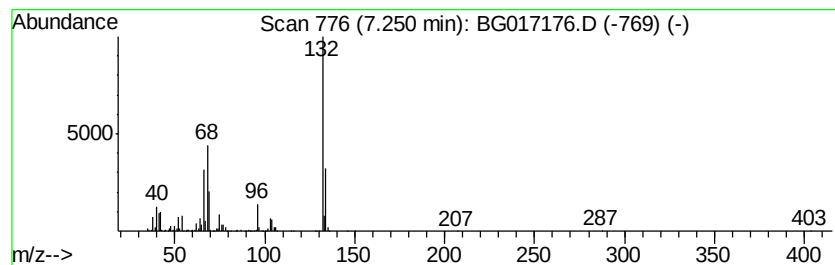
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.25 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.25 | 81.43 ng | 1513600 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 32   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 5    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 22   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.81 | 19.5    | ng    | 362063   | 1                     | 7.70 | 371765 | 20.0 |
| unknown5.89          | 5.89 | 2.0     | ng    | 37486    | 1                     | 7.70 | 371765 | 20.0 |
| unknown7.25          | 7.25 | 81.4    | ng    | 1513600  | 1                     | 7.70 | 371765 | 20.0 |