

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060616\  
 Data File : BG022173.D  
 Acq On : 6 Jun 2016 17:43  
 Operator : UM/SJ  
 Sample : PB91111BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91111BL

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:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.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         | 2.985       | 20            | 25          | 35           | rVB      | 48129          | 75836         | 4.08%           | 0.950%        |
| 2         | 5.188       | 395           | 400         | 413          | rVB2     | 23975          | 44434         | 2.39%           | 0.557%        |
| 3         | 5.670       | 475           | 482         | 495          | rBV      | 250211         | 482909        | 25.99%          | 6.049%        |
| 4         | 7.280       | 747           | 756         | 770          | rBV      | 261271         | 526969        | 28.36%          | 6.601%        |
| 5         | 7.650       | 811           | 819         | 837          | rBV      | 292725         | 579086        | 31.17%          | 7.254%        |
| 6         | 8.120       | 891           | 899         | 908          | rBV      | 65157          | 127687        | 6.87%           | 1.599%        |
| 7         | 8.443       | 947           | 954         | 965          | rBV      | 227301         | 458108        | 24.65%          | 5.739%        |
| 8         | 9.295       | 1091          | 1099        | 1113         | rBV      | 125429         | 293222        | 15.78%          | 3.673%        |
| 9         | 10.940      | 1371          | 1379        | 1391         | rBV      | 83377          | 192535        | 10.36%          | 2.412%        |
| 10        | 13.372      | 1785          | 1793        | 1806         | rBV      | 516497         | 942986        | 50.75%          | 11.812%       |
| 11        | 14.747      | 2019          | 2027        | 2044         | rBV2     | 170484         | 324771        | 17.48%          | 4.068%        |
| 12        | 16.234      | 2272          | 2280        | 2292         | rBV      | 377760         | 663438        | 35.70%          | 8.311%        |
| 13        | 17.491      | 2488          | 2494        | 2507         | rBV2     | 230384         | 415880        | 22.38%          | 5.210%        |
| 14        | 20.082      | 2929          | 2935        | 2950         | rBV      | 1304664        | 1858110       | 100.00%         | 23.276%       |
| 15        | 21.768      | 3214          | 3222        | 3235         | rBV2     | 237011         | 506675        | 27.27%          | 6.347%        |
| 16        | 25.059      | 3769          | 3782        | 3796         | rBV3     | 148835         | 490373        | 26.39%          | 6.143%        |

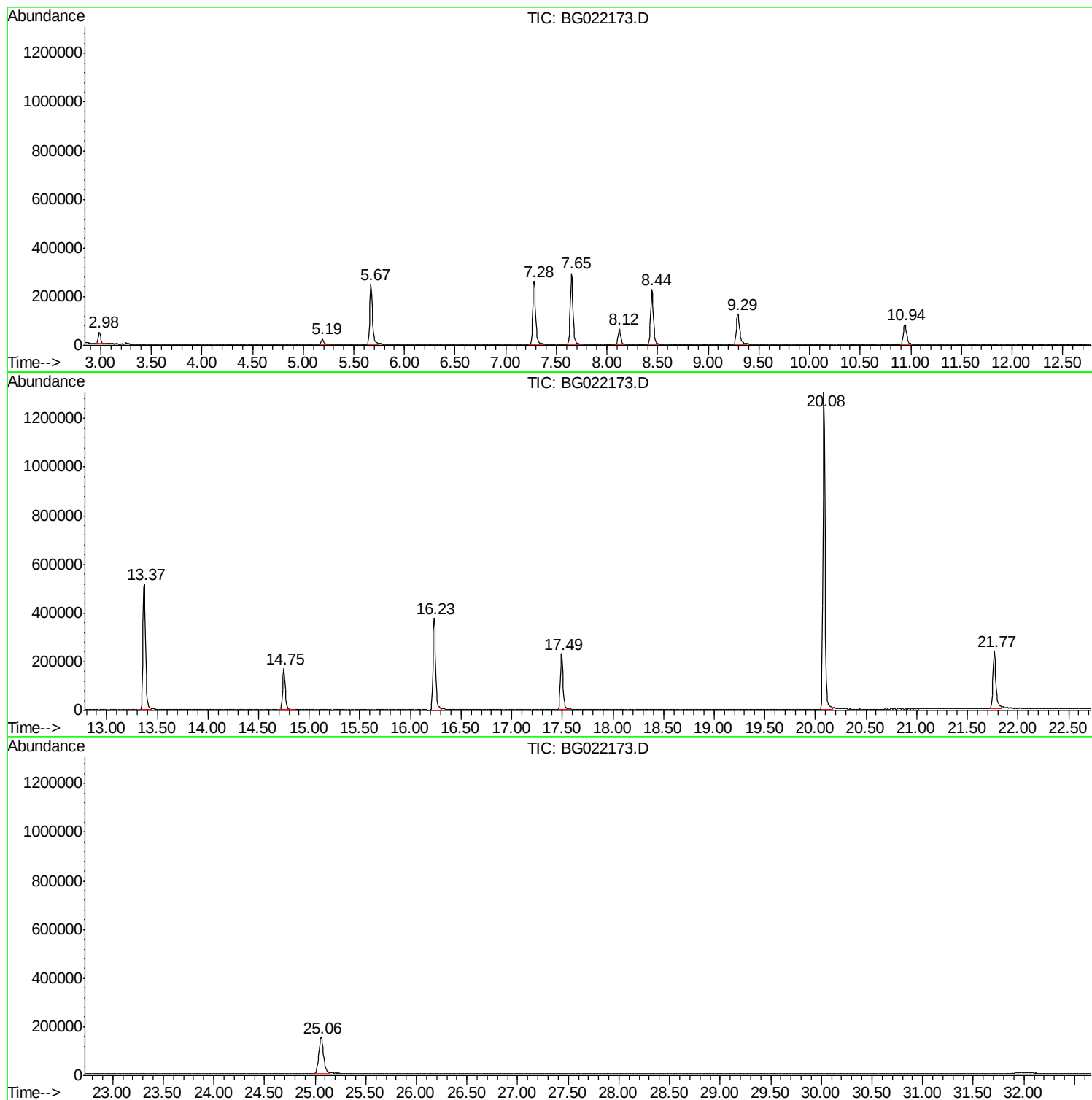
Sum of corrected areas: 7983019

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.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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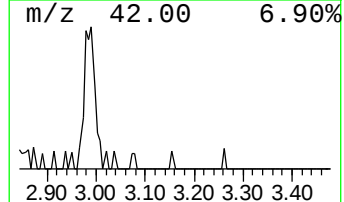
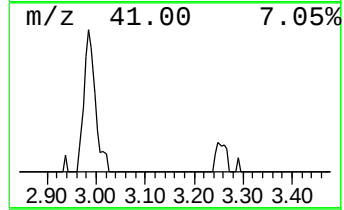
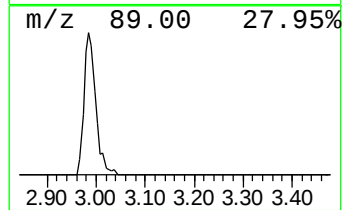
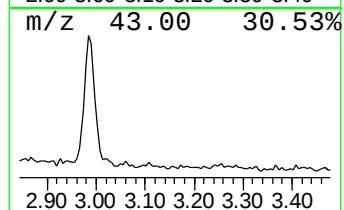
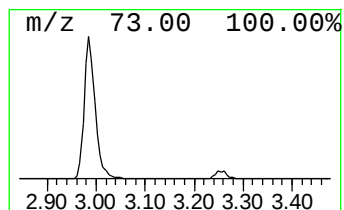
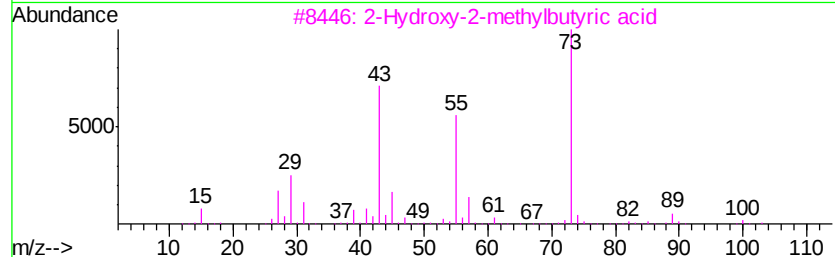
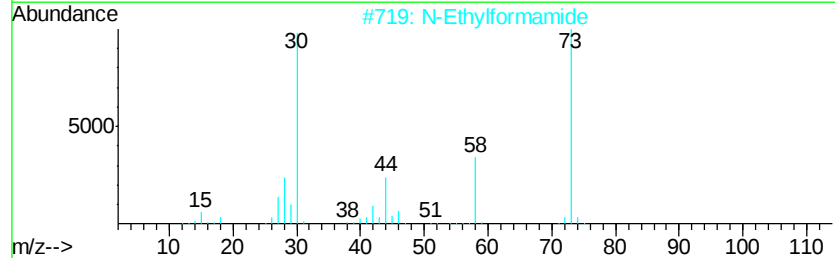
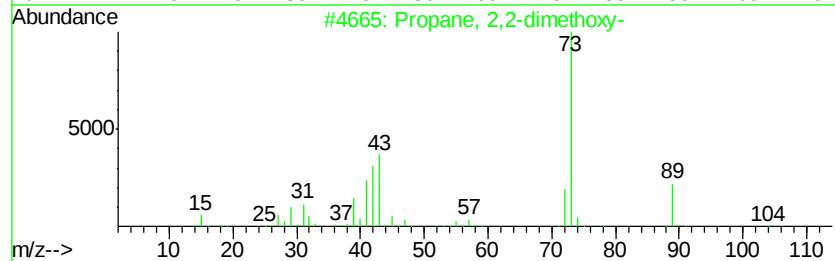
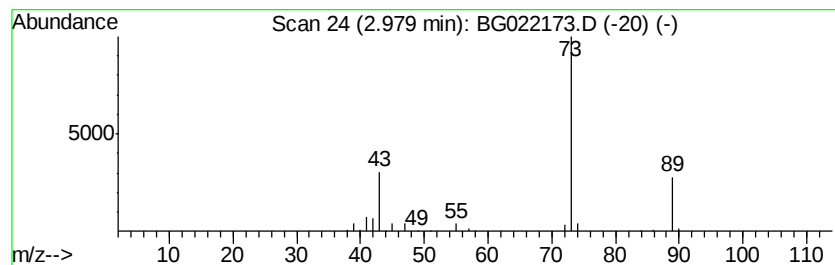
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

| R.T. | EstConc  | Area  | Relative to ISTD       | R.T. |
|------|----------|-------|------------------------|------|
| 2.98 | 11.88 ng | 75836 | 1,4-Dichlorobenzene-d4 | 8.12 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Propane, 2,2-dimethoxy-             | 104 | C5H12O2  | 000077-76-9  | 64   |
| 2    |    |   | N-Ethylformamide                    | 73  | C3H7NO   | 000627-45-2  | 9    |
| 3    |    |   | 2-Hydroxy-2-methylbutyric acid      | 118 | C5H10O3  | 003739-30-8  | 9    |
| 4    |    |   | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5  | 9    |
| 5    |    |   | Acetic acid, 3-[1,3]dioxolan-2-y... | 174 | C8H14O4  | 1000186-02-3 | 9    |



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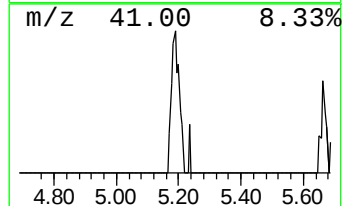
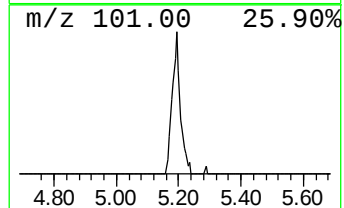
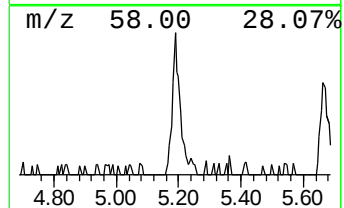
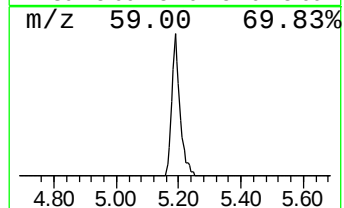
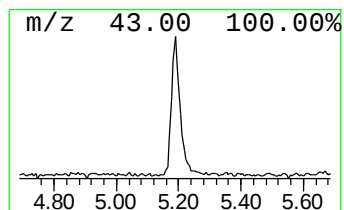
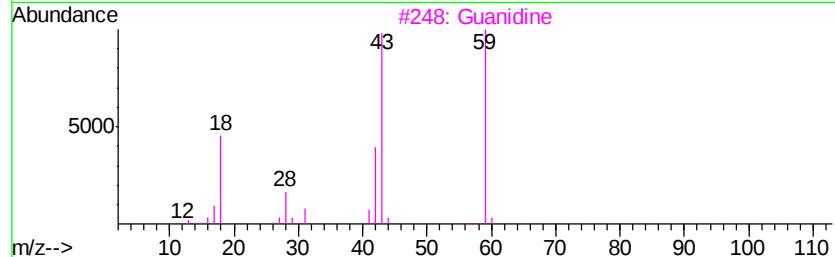
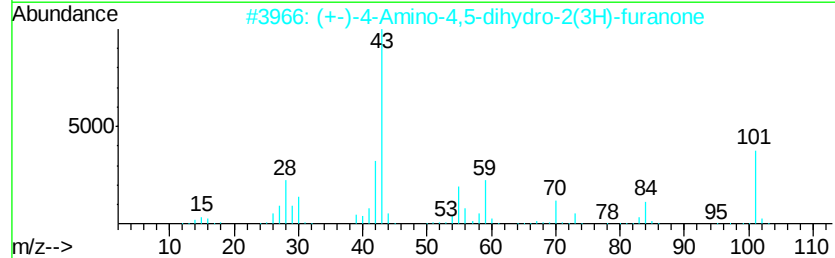
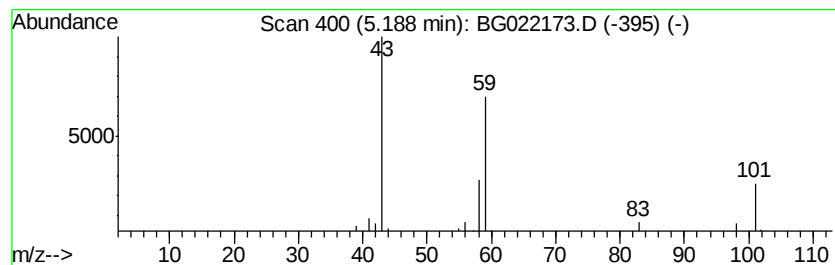
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.19 | 6.96 ng | 44434 | 1,4-Dichlorobenzene-d4 | 8.12 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 74   |
| 2    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 45   |
| 3    |    | Guanidine                          | 59  | CH5N3   | 000113-00-8 | 38   |
| 4    |    | Propane, 1-ethoxy-2-methyl-        | 102 | C6H14O  | 000627-02-1 | 16   |
| 5    |    | 2,3-Butanedione, monooxime         | 101 | C4H7NO2 | 000057-71-6 | 16   |



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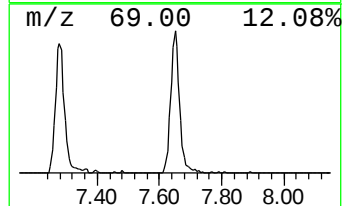
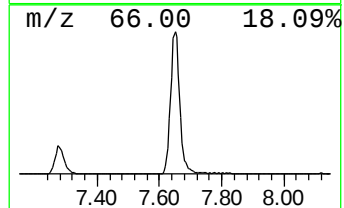
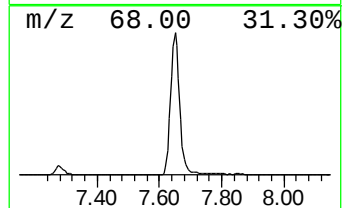
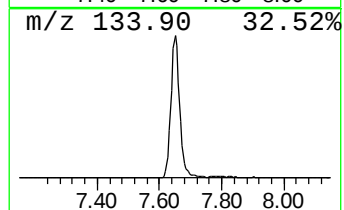
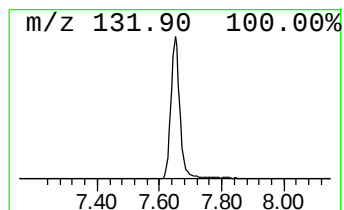
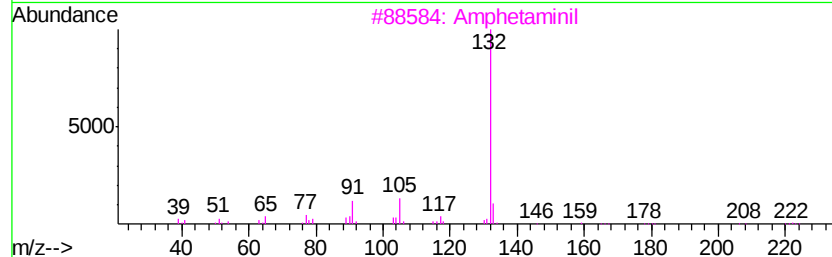
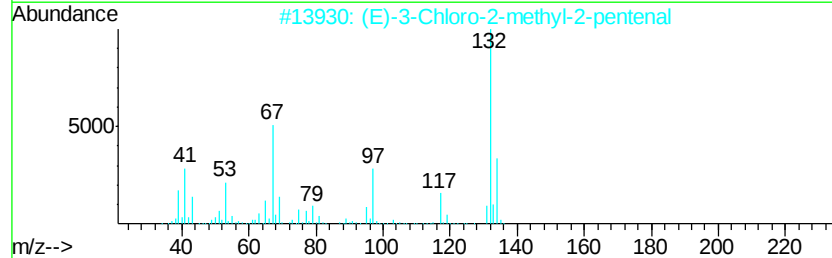
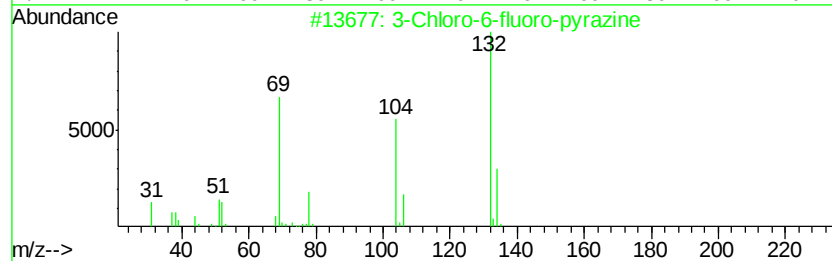
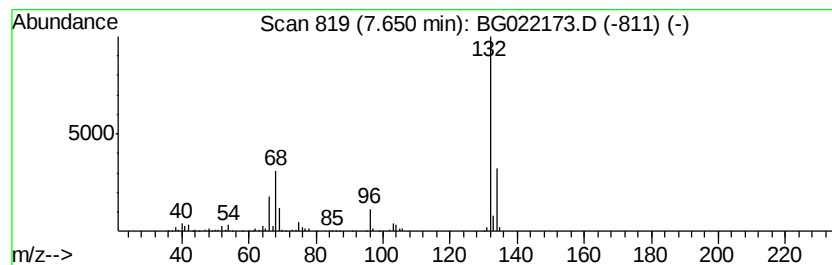
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Peak Number 3 unknown7.65 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.65 | 90.70 ng | 579086 | 1,4-Dichlorobenzene-d4 | 8.12 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 38   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 25   |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propane, 2,2-dime... | 2.98 | 11.9    | ng    | 75836    | 1                     | 8.12 | 127687 | 20.0 |
| 2-Pentanone, 4-hy... | 5.19 | 7.0     | ng    | 44434    | 1                     | 8.12 | 127687 | 20.0 |
| unknown7.65          | 7.65 | 90.7    | ng    | 579086   | 1                     | 8.12 | 127687 | 20.0 |