

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051915\  
 Data File : BG017203.D  
 Acq On : 19 May 2015 18:05  
 Operator : TP/IZ  
 Sample : G2278-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-11(16-18)

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-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         | 2.785       | 11            | 16          | 22           | rVV2     | 39749          | 62500         | 3.51%           | 0.630%        |
| 2         | 2.861       | 25            | 29          | 34           | rVB      | 70789          | 94654         | 5.32%           | 0.954%        |
| 3         | 4.806       | 354           | 360         | 365          | rBV      | 115329         | 160435        | 9.01%           | 1.617%        |
| 4         | 5.288       | 436           | 442         | 448          | rBV      | 283978         | 401550        | 22.56%          | 4.048%        |
| 5         | 6.898       | 709           | 716         | 728          | rVB      | 355099         | 554839        | 31.17%          | 5.593%        |
| 6         | 7.233       | 767           | 773         | 781          | rBV      | 307234         | 485823        | 27.29%          | 4.898%        |
| 7         | 7.697       | 845           | 852         | 858          | rBV      | 175726         | 280473        | 15.76%          | 2.827%        |
| 8         | 8.014       | 899           | 906         | 914          | rBV      | 212592         | 325382        | 18.28%          | 3.280%        |
| 9         | 8.854       | 1040          | 1049        | 1056         | rBV      | 222446         | 365970        | 20.56%          | 3.689%        |
| 10        | 10.488      | 1320          | 1327        | 1334         | rVB      | 234696         | 389513        | 21.88%          | 3.927%        |
| 11        | 12.703      | 1699          | 1704        | 1710         | rBV4     | 11956          | 19432         | 1.09%           | 0.196%        |
| 12        | 12.967      | 1743          | 1749        | 1756         | rVB      | 625849         | 921386        | 51.76%          | 9.289%        |
| 13        | 13.813      | 1887          | 1893        | 1902         | rBV      | 45665          | 68758         | 3.86%           | 0.693%        |
| 14        | 14.354      | 1978          | 1985        | 1993         | rBV2     | 356827         | 541022        | 30.39%          | 5.454%        |
| 15        | 15.846      | 2231          | 2239        | 2249         | rBV      | 587511         | 856173        | 48.10%          | 8.631%        |
| 16        | 17.103      | 2447          | 2453        | 2460         | rBV2     | 514562         | 738426        | 41.48%          | 7.444%        |
| 17        | 18.002      | 2602          | 2606        | 2611         | rBV5     | 30364          | 48784         | 2.74%           | 0.492%        |
| 18        | 19.736      | 2895          | 2901        | 2908         | rVB      | 1517766        | 1779984       | 100.00%         | 17.944%       |
| 19        | 21.005      | 3113          | 3117        | 3123         | rBV2     | 47614          | 80703         | 4.53%           | 0.814%        |
| 20        | 21.204      | 3148          | 3151        | 3155         | rVB5     | 16657          | 21716         | 1.22%           | 0.219%        |
| 21        | 21.287      | 3160          | 3165        | 3174         | rVB      | 703145         | 859428        | 48.28%          | 8.664%        |
| 22        | 22.338      | 3342          | 3344        | 3350         | rVB7     | 28450          | 38408         | 2.16%           | 0.387%        |
| 23        | 23.549      | 3544          | 3550        | 3560         | rVB      | 419135         | 824276        | 46.31%          | 8.310%        |

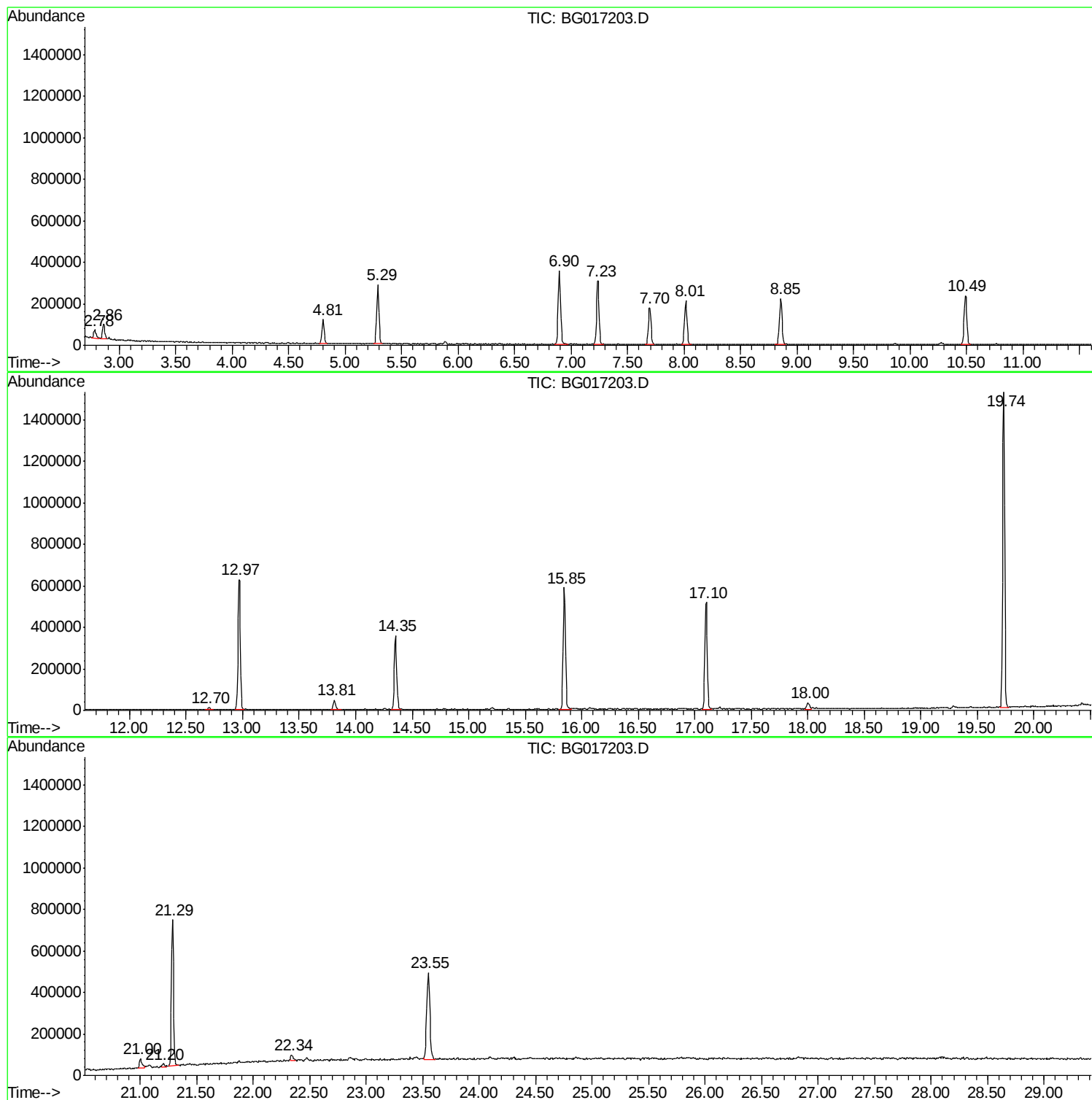
Sum of corrected areas: 9919635

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Instrument :  
BNA\_G  
ClientSampleId :  
MW-11(16-18)

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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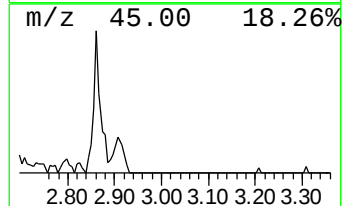
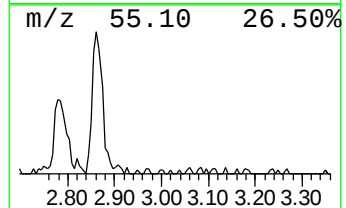
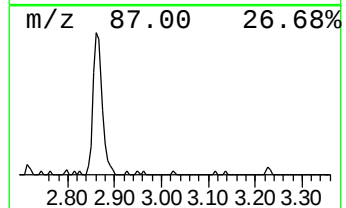
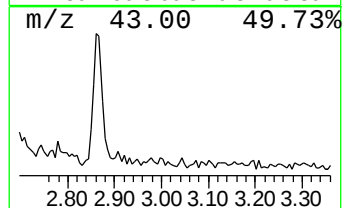
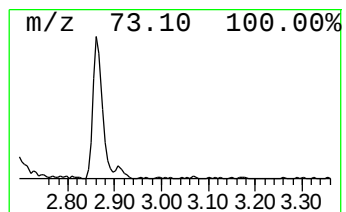
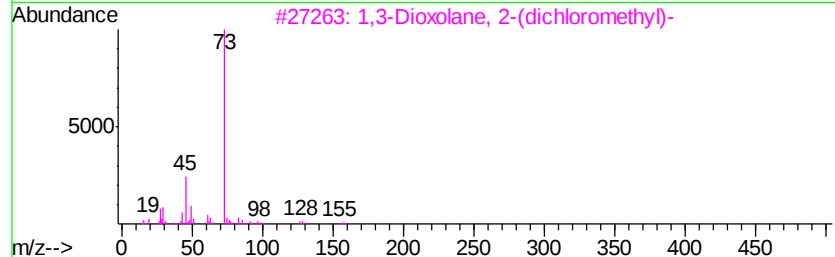
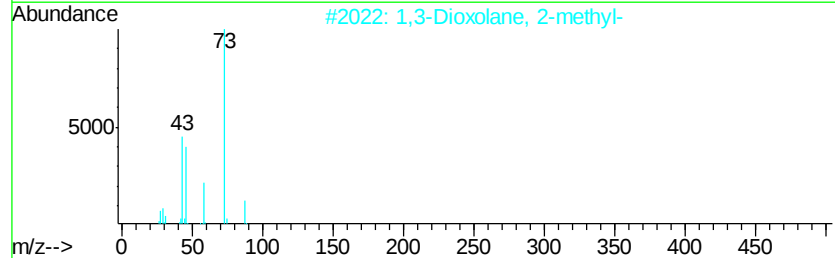
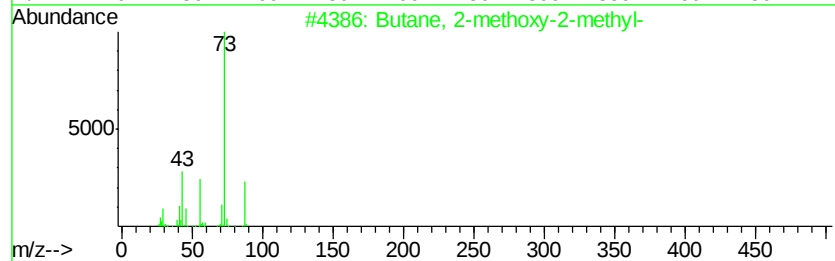
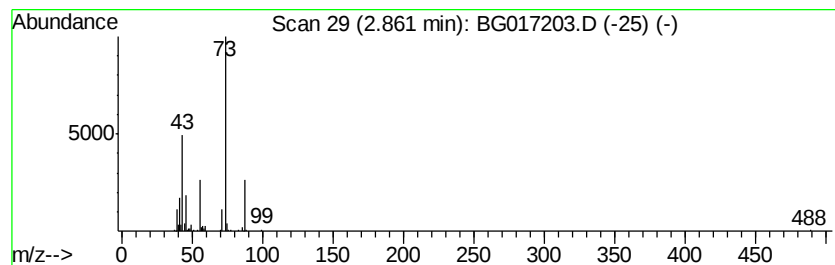
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 2.86 | 6.75 ng | 94654 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-        | 102 | C6H14O    | 000994-05-8 | 50   |
| 2    |    |   | 1,3-Dioxolane, 2-methyl-           | 88  | C4H8O2    | 000497-26-7 | 35   |
| 3    |    |   | 1,3-Dioxolane, 2-(dichloromethyl)- | 156 | C4H6Cl2O2 | 002612-35-3 | 25   |
| 4    |    |   | Silane, tetramethyl-               | 88  | C4H12Si   | 000075-76-3 | 22   |
| 5    |    |   | 2-Hydroxy-2-methylbutyric acid     | 118 | C5H10O3   | 003739-30-8 | 10   |



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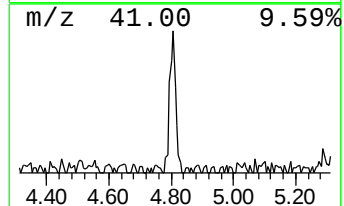
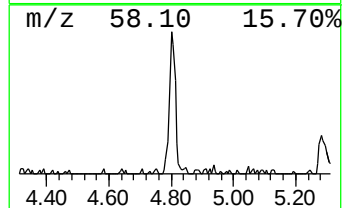
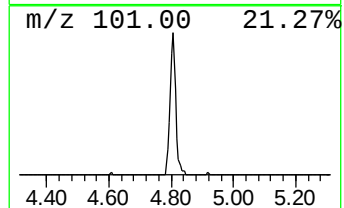
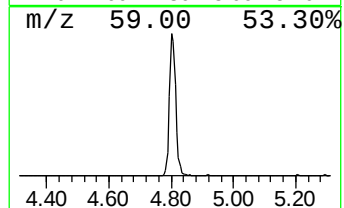
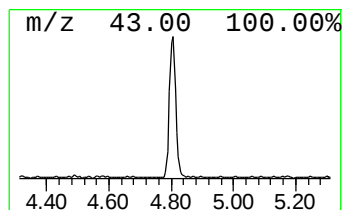
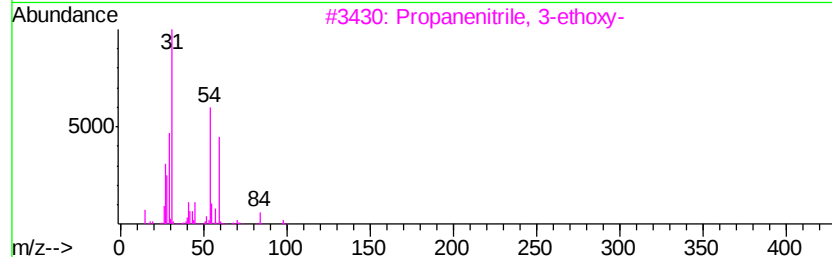
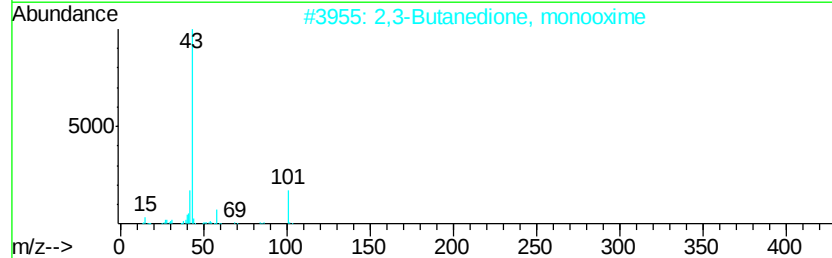
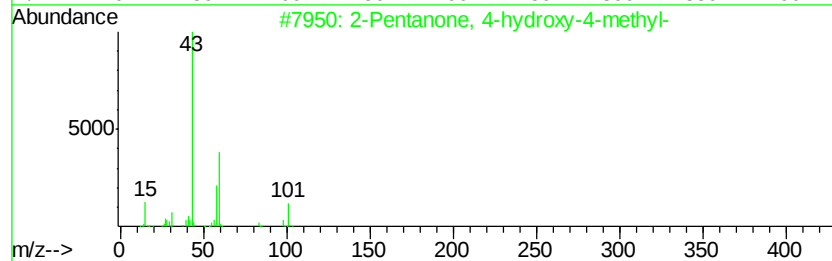
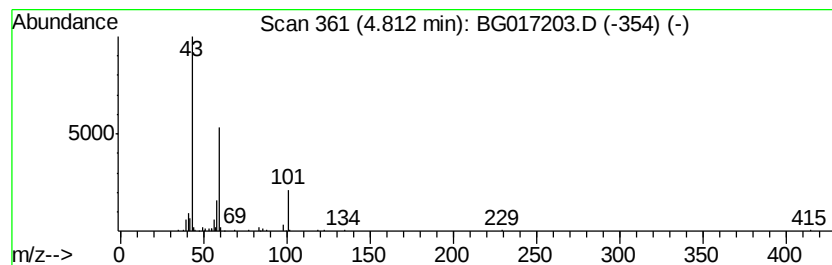
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.81 | 11.44 ng | 160435 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2  | 000057-71-6 | 35   |
| 3    |    | Propanenitrile, 3-ethoxy-        | 99  | C5H9NO   | 002141-62-0 | 9    |
| 4    |    | Dimethadione                     | 129 | C5H7NO3  | 000695-53-4 | 9    |
| 5    |    | n-Octanoic acid isopropyl ester  | 186 | C11H22O2 | 005458-59-3 | 9    |



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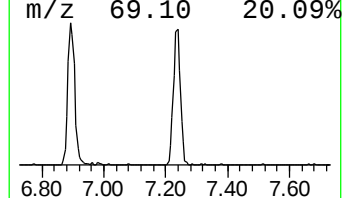
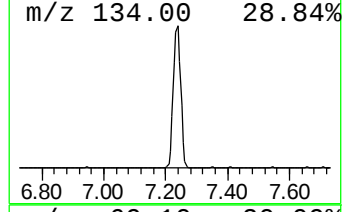
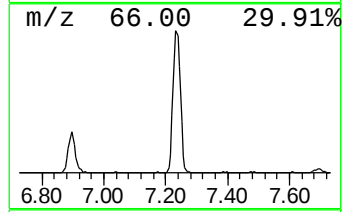
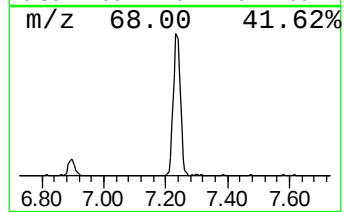
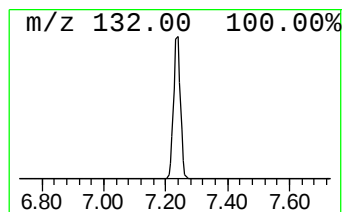
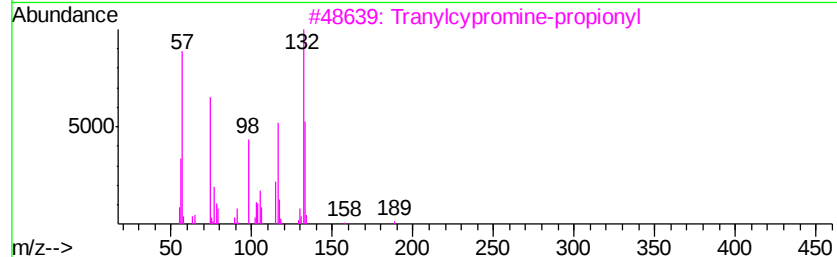
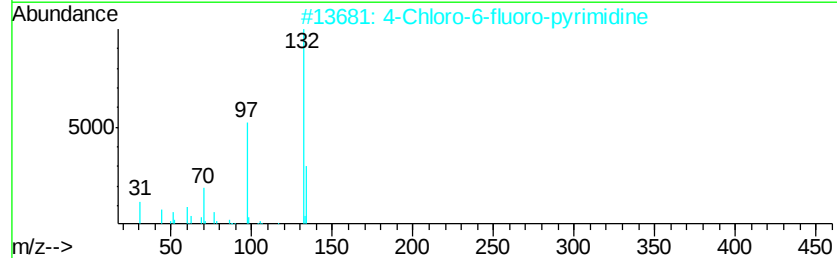
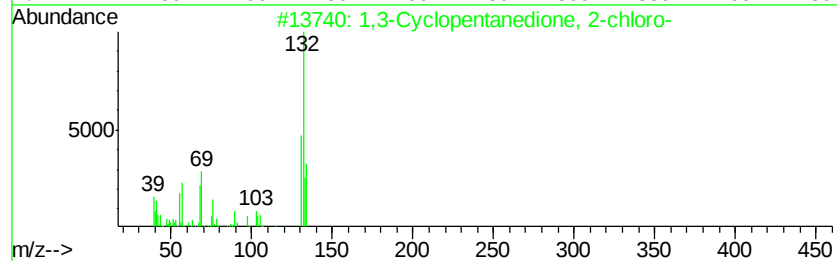
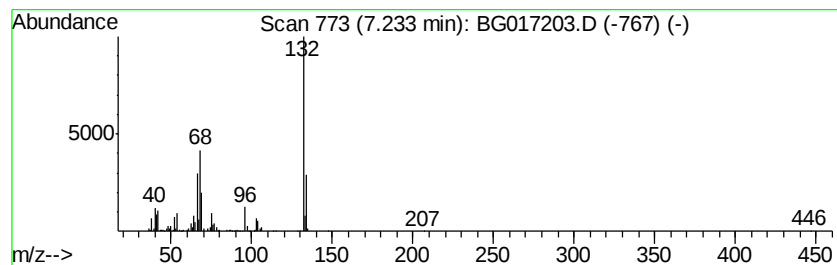
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown7.23 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.23 | 34.64 ng | 485823 | 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  | 35   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine       | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | Tranylcypromine-propionyl          | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 4    |    | 5-Fluoro-2-chloropyrimidine        | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 5    |    | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 12   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.86 | 6.8     | ng    | 94654    | 1                     | 7.70 | 280473 | 20.0 |
| 2-Pentanone, 4-hy... | 4.81 | 11.4    | ng    | 160435   | 1                     | 7.70 | 280473 | 20.0 |
| unknown7.23          | 7.23 | 34.6    | ng    | 485823   | 1                     | 7.70 | 280473 | 20.0 |