

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051915\  
 Data File : BG017201.D  
 Acq On : 19 May 2015 16:56  
 Operator : TP/IZ  
 Sample : PB83480BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83480BL

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         | 4.798       | 354           | 359         | 368          | rVB      | 335827         | 455557        | 14.25%          | 2.710%        |
| 2         | 5.285       | 436           | 442         | 450          | rBV      | 953792         | 1309725       | 40.98%          | 7.792%        |
| 3         | 5.879       | 539           | 543         | 550          | rVB      | 30387          | 45248         | 1.42%           | 0.269%        |
| 4         | 6.895       | 708           | 716         | 730          | rBV      | 943890         | 1419063       | 44.40%          | 8.442%        |
| 5         | 7.236       | 767           | 774         | 780          | rBV      | 909401         | 1391550       | 43.54%          | 8.278%        |
| 6         | 7.694       | 845           | 852         | 858          | rBV      | 197747         | 316820        | 9.91%           | 1.885%        |
| 7         | 8.011       | 898           | 906         | 914          | rBV      | 641719         | 1008627       | 31.56%          | 6.000%        |
| 8         | 8.857       | 1041          | 1050        | 1056         | rBV      | 528506         | 852519        | 26.67%          | 5.072%        |
| 9         | 10.491      | 1320          | 1328        | 1335         | rBV      | 251170         | 413742        | 12.95%          | 2.461%        |
| 10        | 12.970      | 1742          | 1750        | 1759         | rBV      | 1203411        | 1744099       | 54.57%          | 10.376%       |
| 11        | 14.357      | 1979          | 1986        | 1993         | rBV2     | 355719         | 555141        | 17.37%          | 3.303%        |
| 12        | 15.849      | 2233          | 2240        | 2246         | rBV      | 1204529        | 1656499       | 51.83%          | 9.855%        |
| 13        | 17.101      | 2446          | 2453        | 2461         | rBV2     | 524131         | 753548        | 23.58%          | 4.483%        |
| 14        | 19.739      | 2895          | 2902        | 2907         | rBV      | 2636039        | 3196025       | 100.00%         | 19.013%       |
| 15        | 21.290      | 3161          | 3166        | 3175         | rVB      | 711453         | 871972        | 27.28%          | 5.187%        |
| 16        | 23.558      | 3545          | 3552        | 3559         | rBV2     | 425009         | 819169        | 25.63%          | 4.873%        |

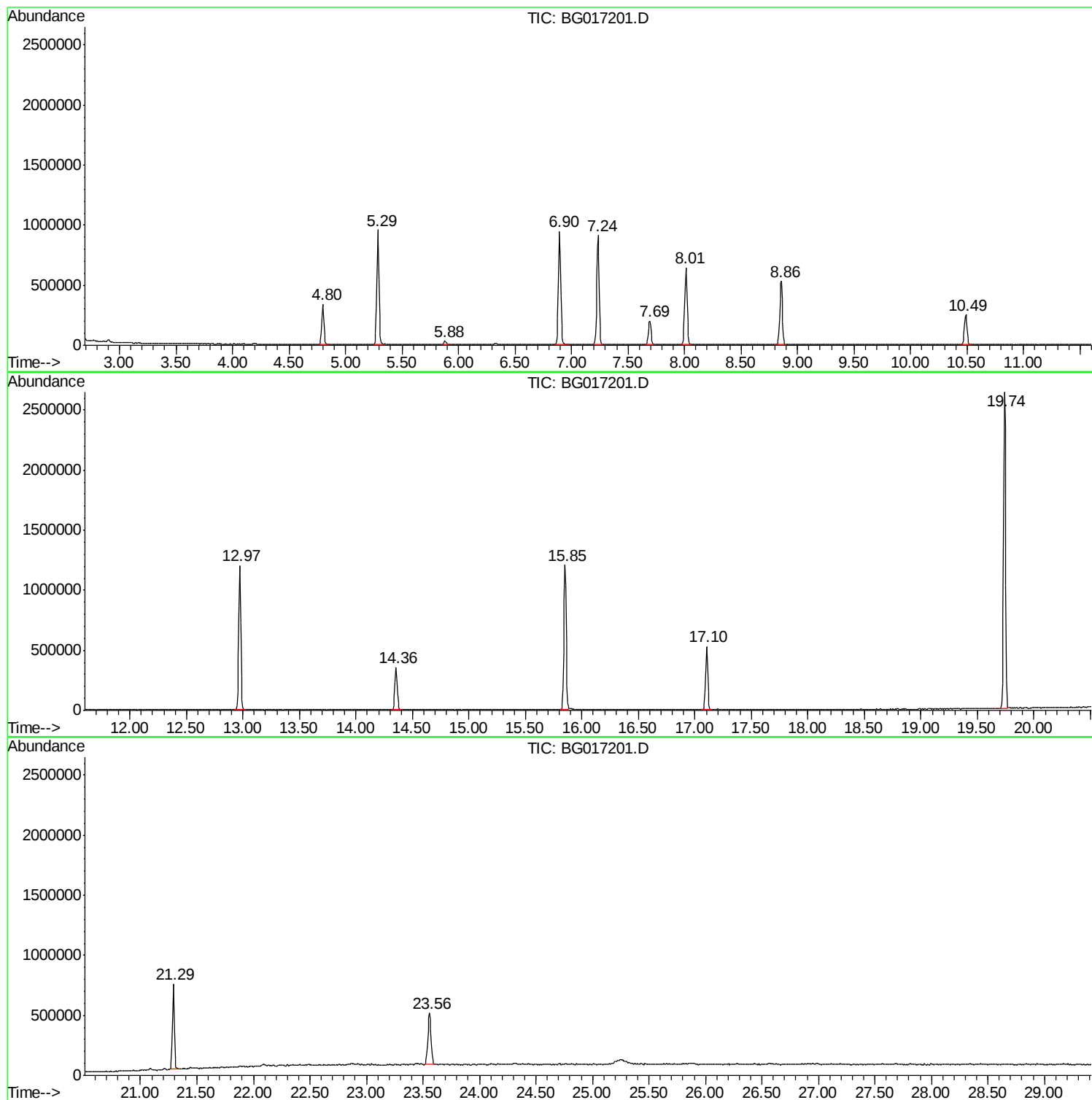
Sum of corrected areas: 16809304

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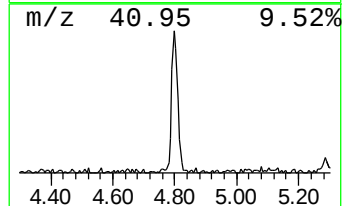
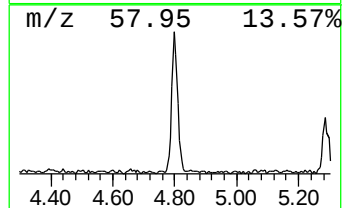
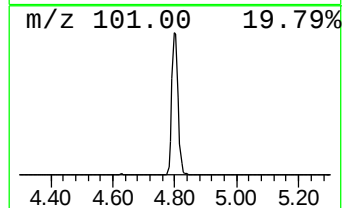
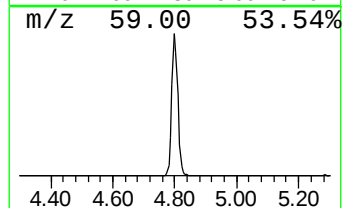
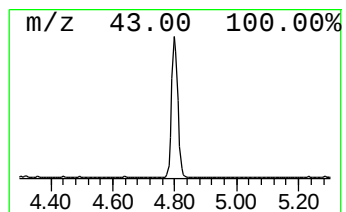
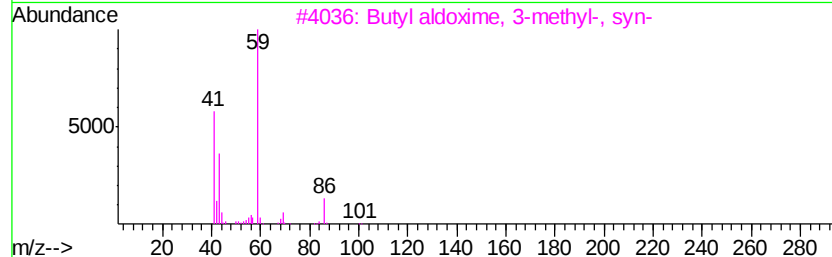
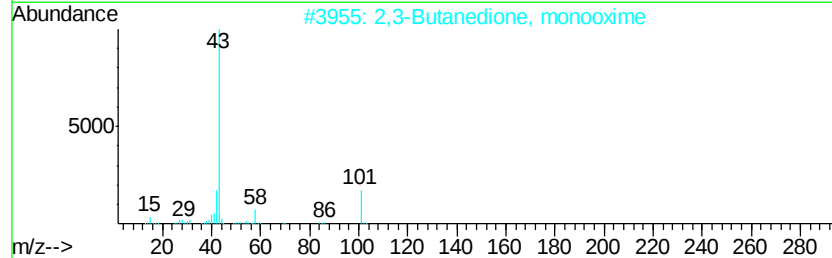
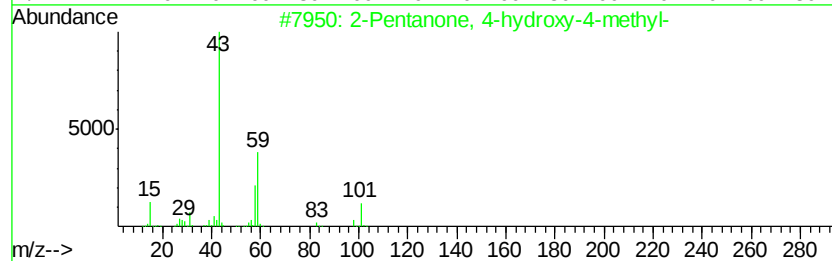
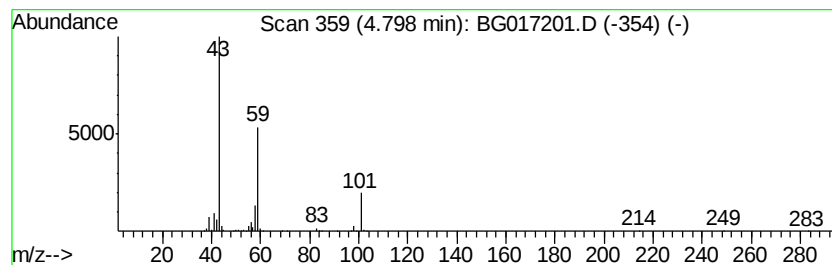
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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. |
|------|----------|--------|------------------------|------|
| 4.80 | 28.76 ng | 455557 | 1,4-Dichlorobenzene-d4 | 7.69 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 40   |
| 2    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 35   |
| 3    |    |   | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO | 005780-40-5 | 17   |
| 4    |    |   | 1-Butene, 4-ethoxy-              | 100 | C6H12O  | 044611-46-3 | 17   |
| 5    |    |   | Acetic acid, 2-propenyl ester    | 100 | C5H8O2  | 000591-87-7 | 9    |



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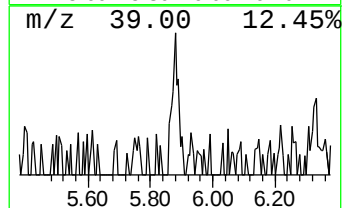
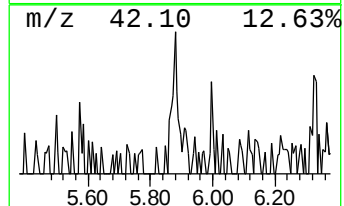
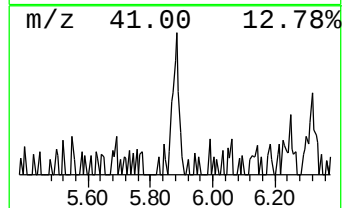
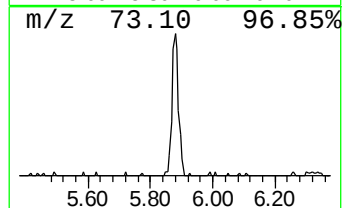
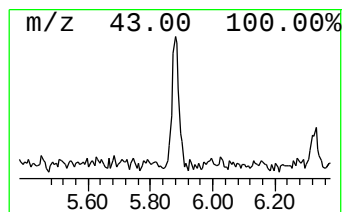
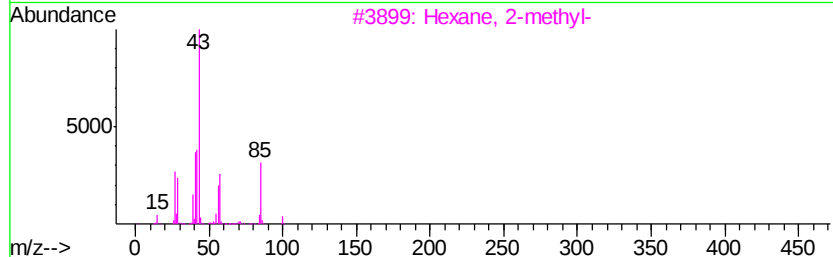
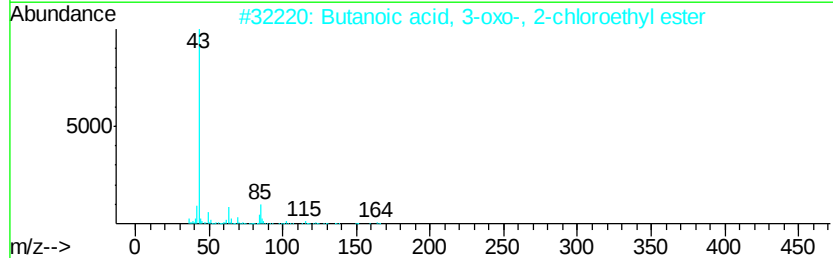
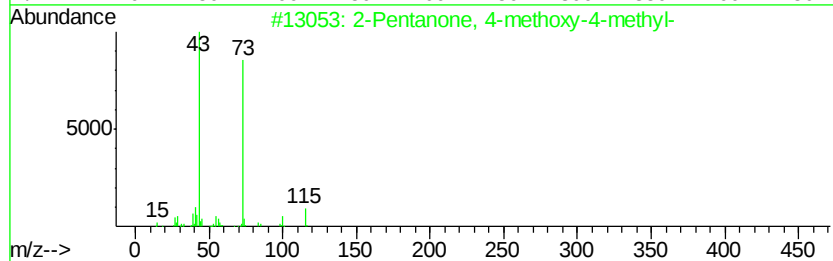
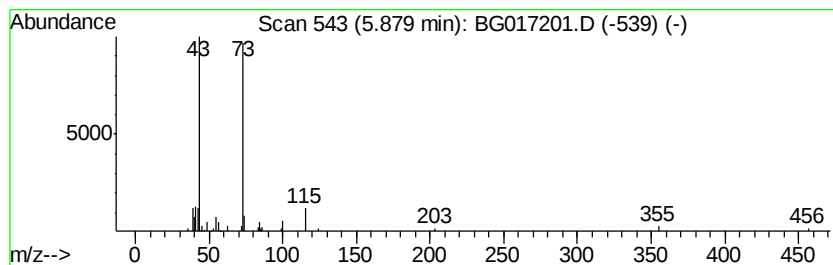
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Peak Number 2 unknown5.88 Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.88 | 2.86 ng | 45248 | 1,4-Dichlorobenzene-d4 | 7.69 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-methoxy-4-methyl-    | 130 | C7H14O2  | 000107-70-0 | 53   |
| 2    |    |   | Butanoic acid, 3-oxo-, 2-chloroe... | 164 | C6H9ClO3 | 054527-68-3 | 17   |
| 3    |    |   | Hexane, 2-methyl-                   | 100 | C7H16    | 000591-76-4 | 16   |
| 4    |    |   | N-Ethylformamide                    | 73  | C3H7NO   | 000627-45-2 | 9    |
| 5    |    |   | 1-Propene-1-thiol                   | 74  | C3H6S    | 000925-89-3 | 9    |



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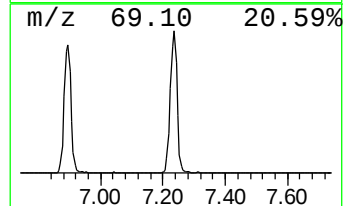
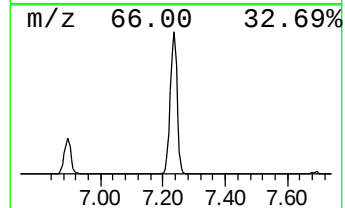
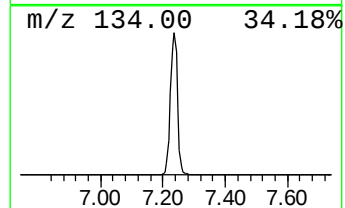
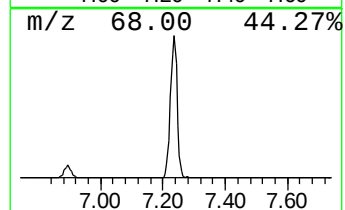
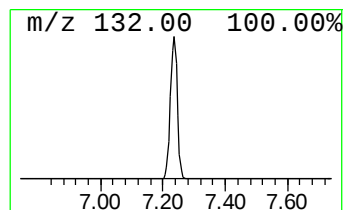
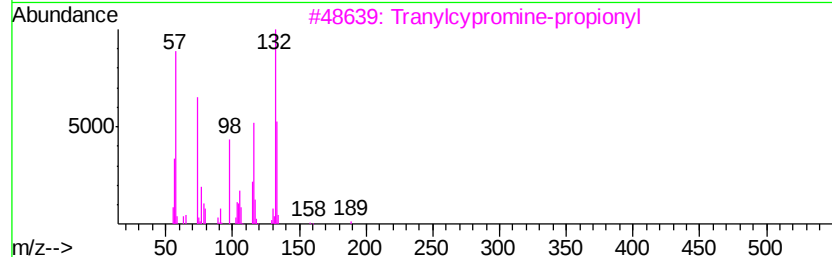
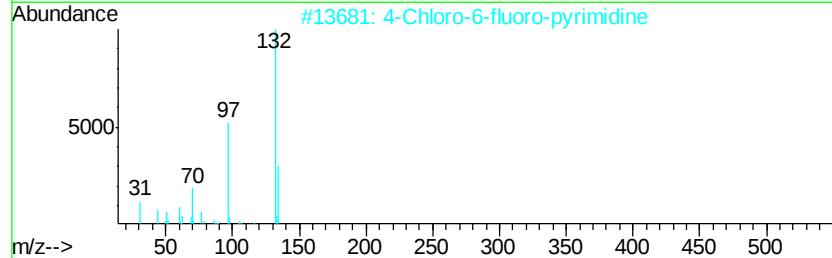
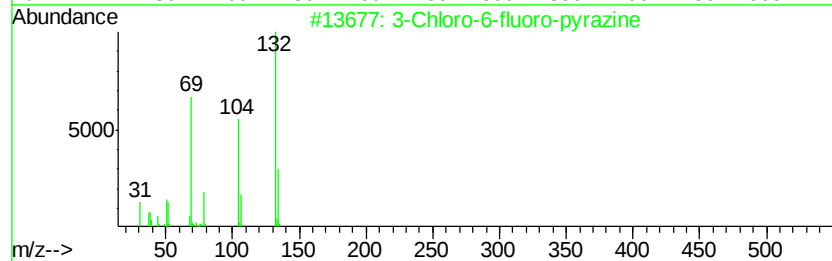
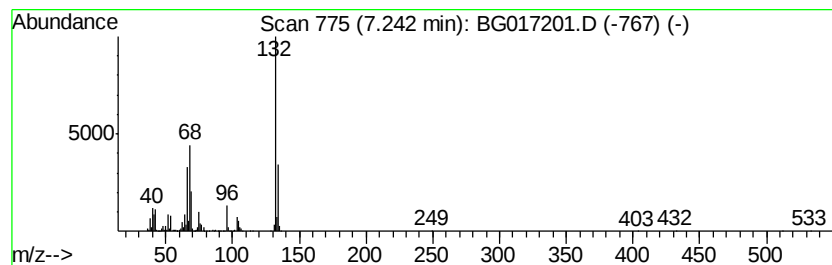
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.24 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.24 | 87.84 ng | 1391550 | 1,4-Dichlorobenzene-d4 | 7.69 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 4    |    | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6  | 22   |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 16   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.80 | 28.8    | ng    | 455557   | 1                     | 7.69 | 316820 | 20.0 |
| unknown5.88          | 5.88 | 2.9     | ng    | 45248    | 1                     | 7.69 | 316820 | 20.0 |
| unknown7.24          | 7.24 | 87.8    | ng    | 1391550  | 1                     | 7.69 | 316820 | 20.0 |