

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\  
 Data File : BG031806.D  
 Acq On : 27 Dec 2017 21:07  
 Operator : SJ/JU  
 Sample : I7058-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 122117-SIDI-F-U-B

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-BG122117.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         | 3.434       | 20            | 25          | 36           | rBV2     | 76301          | 151260        | 3.91%           | 1.085%        |
| 2         | 3.522       | 36            | 40          | 51           | rVB2     | 33514          | 56649         | 1.46%           | 0.406%        |
| 3         | 6.224       | 492           | 500         | 509          | rBV      | 151957         | 262337        | 6.78%           | 1.882%        |
| 4         | 7.899       | 778           | 785         | 796          | rVB      | 97417          | 183123        | 4.73%           | 1.314%        |
| 5         | 8.310       | 848           | 855         | 864          | rBV      | 311626         | 567992        | 14.67%          | 4.075%        |
| 6         | 8.804       | 929           | 939         | 947          | rBV      | 126245         | 216387        | 5.59%           | 1.553%        |
| 7         | 9.139       | 989           | 996         | 1007         | rBV      | 469804         | 873104        | 22.56%          | 6.264%        |
| 8         | 10.002      | 1134          | 1143        | 1152         | rBV      | 319009         | 592568        | 15.31%          | 4.251%        |
| 9         | 11.689      | 1422          | 1430        | 1441         | rVB      | 167433         | 320185        | 8.27%           | 2.297%        |
| 10        | 14.062      | 1827          | 1834        | 1845         | rVB      | 1356867        | 2174084       | 56.16%          | 15.598%       |
| 11        | 15.431      | 2061          | 2067        | 2075         | rVB2     | 326229         | 546520        | 14.12%          | 3.921%        |
| 12        | 16.906      | 2311          | 2318        | 2326         | rBV      | 761578         | 1233363       | 31.86%          | 8.849%        |
| 13        | 18.163      | 2525          | 2532        | 2540         | rBV2     | 488475         | 787378        | 20.34%          | 5.649%        |
| 14        | 20.696      | 2957          | 2963        | 2972         | rBV      | 2788918        | 3870978       | 100.00%         | 27.773%       |
| 15        | 22.059      | 3190          | 3195        | 3200         | rBV3     | 28756          | 51279         | 1.32%           | 0.368%        |
| 16        | 22.511      | 3264          | 3272        | 3281         | rBV2     | 548781         | 1016076       | 26.25%          | 7.290%        |
| 17        | 26.266      | 3898          | 3911        | 3927         | rBV2     | 311218         | 1034609       | 26.73%          | 7.423%        |

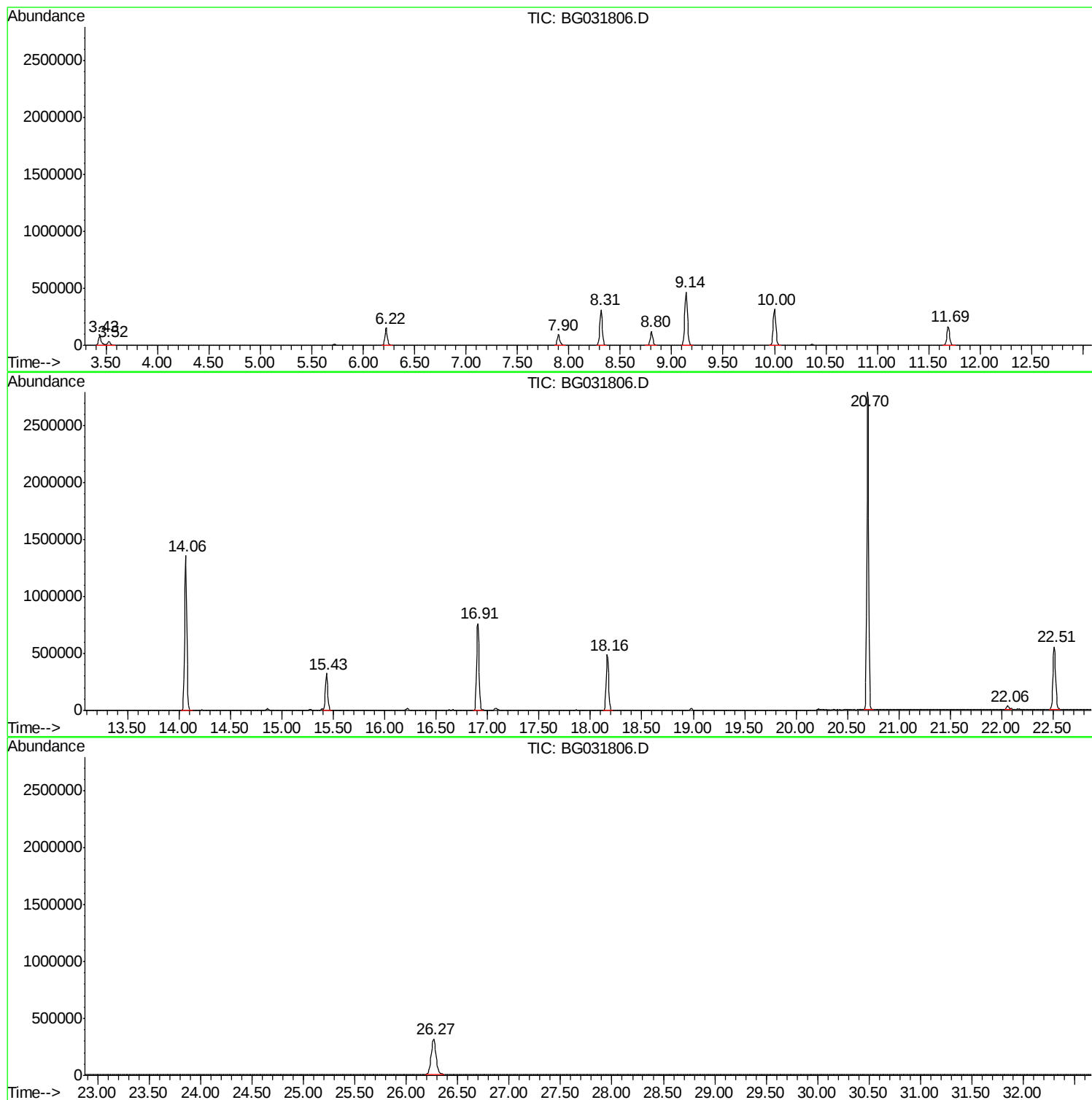
Sum of corrected areas: 13937892

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TIC Library : C:\Database\NIST11.L  
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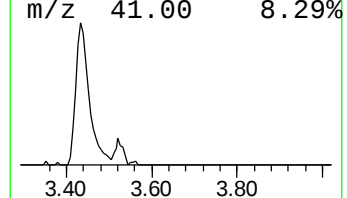
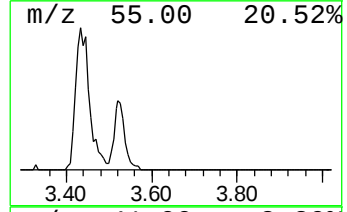
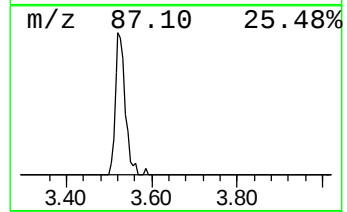
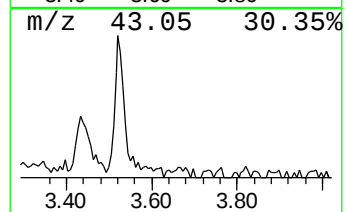
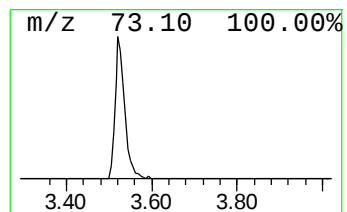
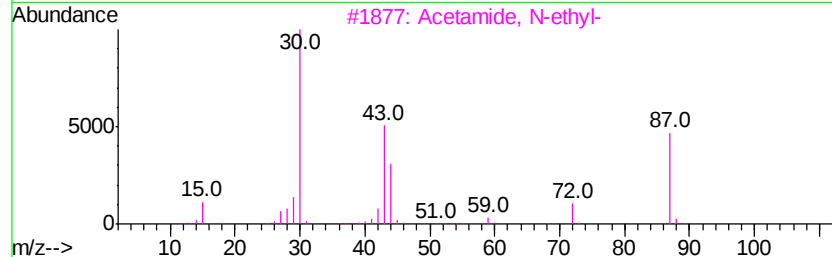
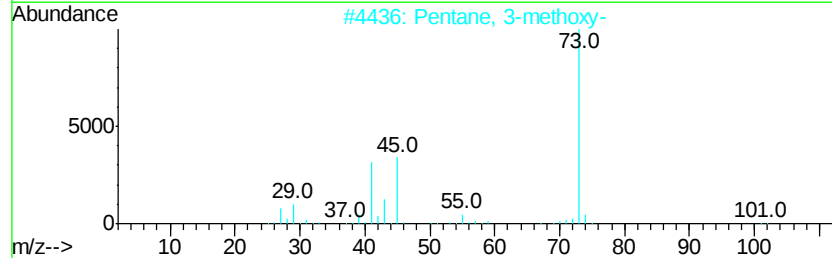
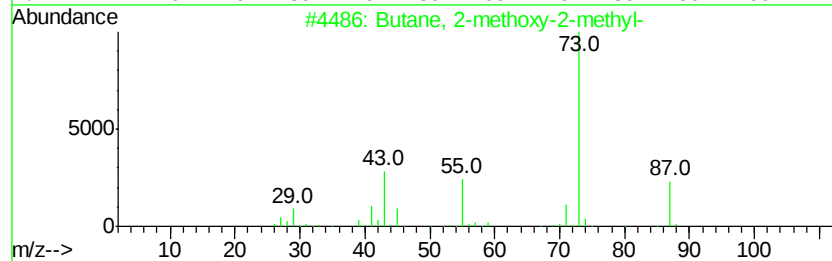
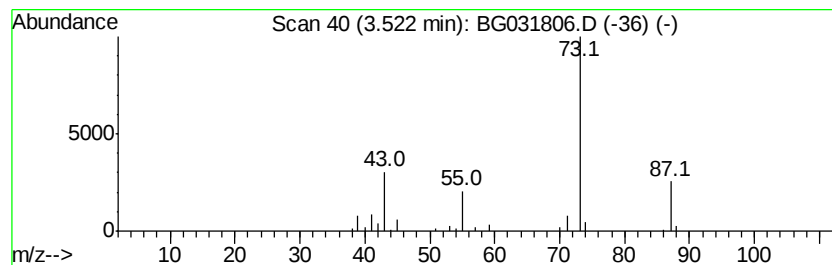
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M  
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TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 3.52 | 5.24 ng | 56649 | 1,4-Dichlorobenzene-d4 | 8.80 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 25   |
| 3    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 16   |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 9    |



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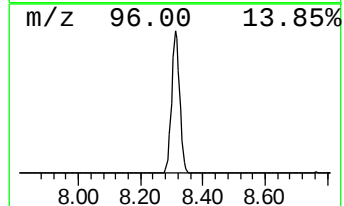
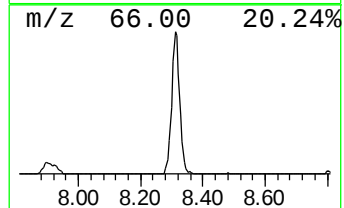
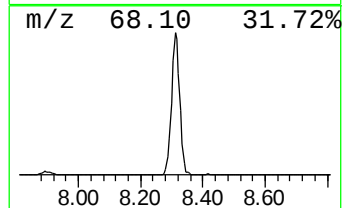
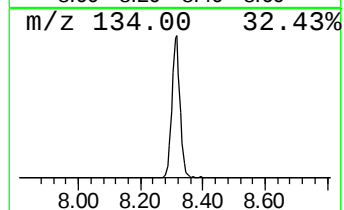
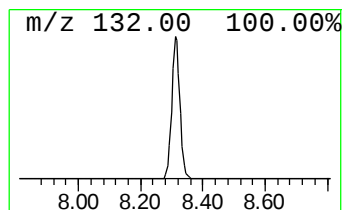
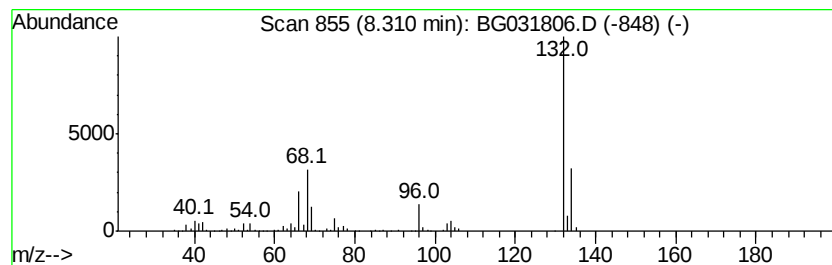
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Peak Number 3 unknown8.31 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.31 | 52.50 ng | 567992 | 1,4-Dichlorobenzene-d4 | 8.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.52 | 5.2     | ng    | 56649    | 1                     | 8.80 | 216387 | 20.0 |
| unknown8.31          | 8.31 | 52.5    | ng    | 567992   | 1                     | 8.80 | 216387 | 20.0 |