

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061016\  
 Data File : BG022299.D  
 Acq On : 10 Jun 2016 22:23  
 Operator : UM/SJ  
 Sample : PB91195BL  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB91195BL

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         | 5.178       | 391           | 398         | 408          | rVB      | 16843          | 33535         | 1.89%           | 0.415%        |
| 2         | 5.654       | 472           | 479         | 492          | rBV      | 306133         | 565313        | 31.92%          | 7.003%        |
| 3         | 7.264       | 746           | 753         | 769          | rBV      | 316591         | 629082        | 35.52%          | 7.793%        |
| 4         | 7.634       | 808           | 816         | 828          | rBV      | 340008         | 656071        | 37.05%          | 8.127%        |
| 5         | 8.104       | 889           | 896         | 905          | rBV2     | 62377          | 122114        | 6.90%           | 1.513%        |
| 6         | 8.427       | 940           | 951         | 963          | rBV      | 251344         | 502261        | 28.36%          | 6.222%        |
| 7         | 9.279       | 1087          | 1096        | 1108         | rBV      | 163842         | 360749        | 20.37%          | 4.469%        |
| 8         | 10.924      | 1369          | 1376        | 1387         | rBV      | 93014          | 195956        | 11.07%          | 2.427%        |
| 9         | 13.356      | 1783          | 1790        | 1804         | rBV      | 586854         | 1047814       | 59.17%          | 12.980%       |
| 10        | 14.737      | 2017          | 2025        | 2038         | rBV2     | 169814         | 305842        | 17.27%          | 3.789%        |
| 11        | 16.224      | 2271          | 2278        | 2292         | rBV      | 423053         | 727796        | 41.10%          | 9.015%        |
| 12        | 17.481      | 2485          | 2492        | 2505         | rBV      | 204909         | 374092        | 21.13%          | 4.634%        |
| 13        | 20.078      | 2927          | 2934        | 2945         | rBV      | 1202884        | 1770844       | 100.00%         | 21.936%       |
| 14        | 21.758      | 3213          | 3220        | 3229         | rBV2     | 212113         | 398616        | 22.51%          | 4.938%        |
| 15        | 25.043      | 3767          | 3779        | 3796         | rBV3     | 118124         | 382702        | 21.61%          | 4.741%        |

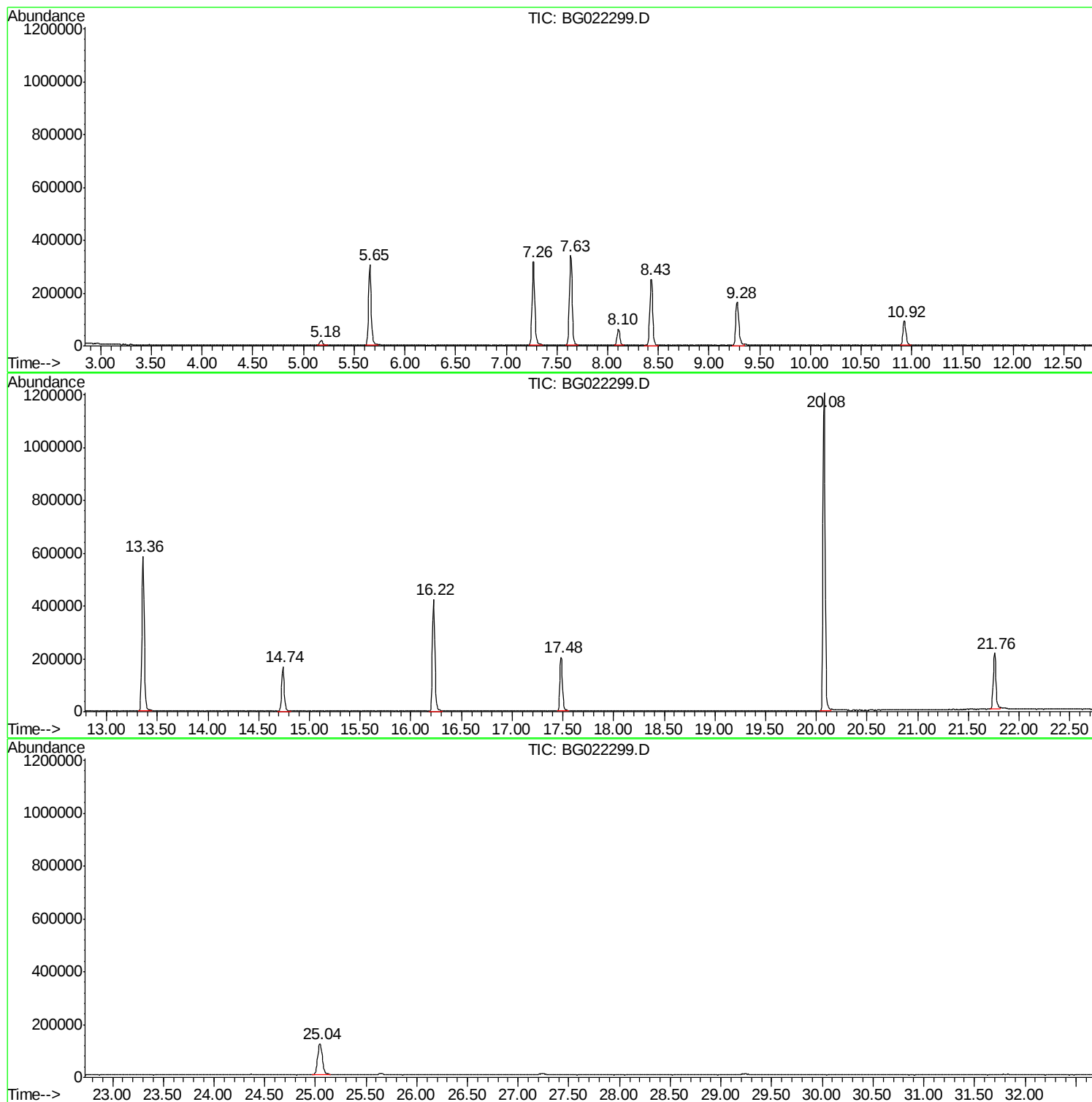
Sum of corrected areas: 8072787

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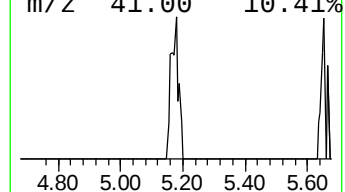
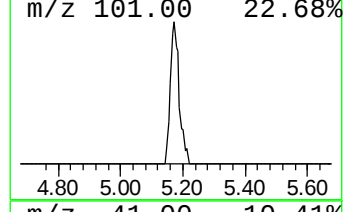
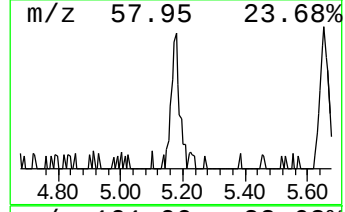
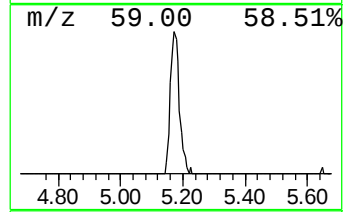
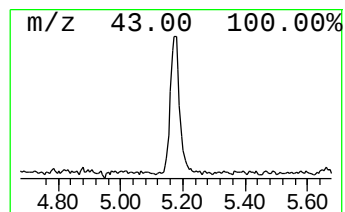
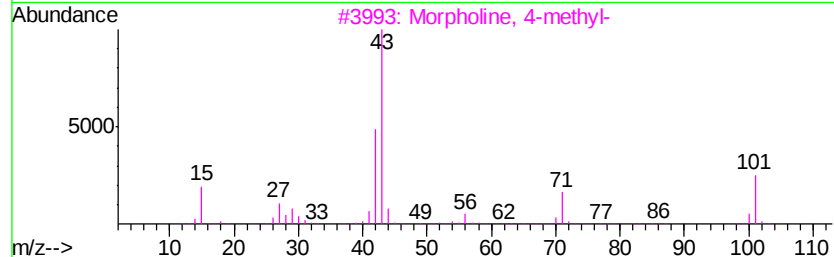
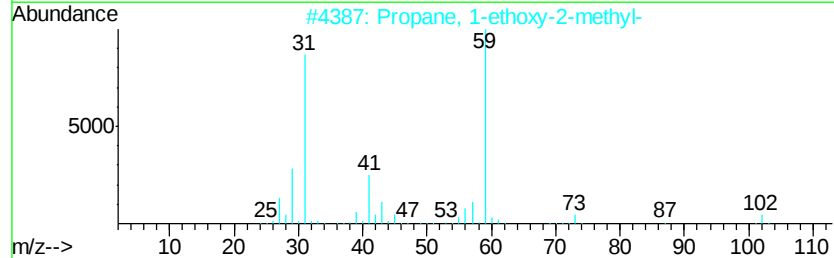
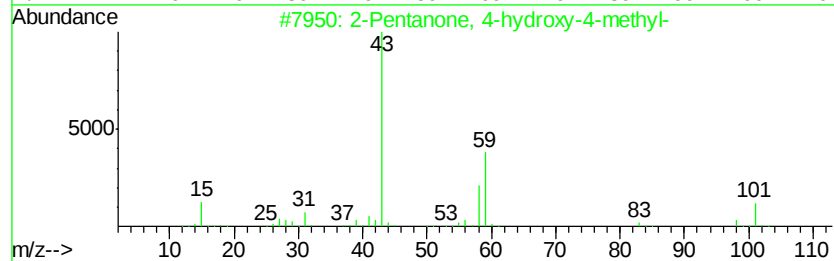
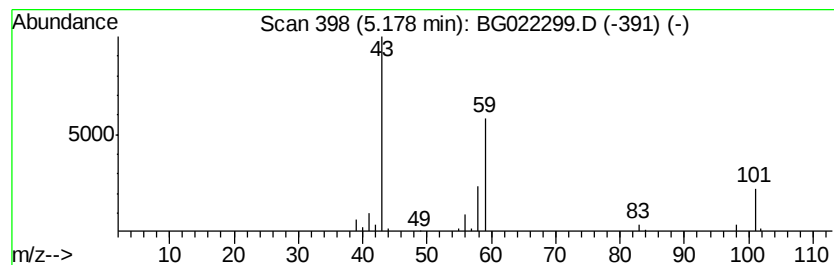
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|-------|------------------------|------|
| 5.18 | 5.49 ng | 33535 | 1,4-Dichlorobenzene-d4 | 8.10 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 72   |
| 2    |    |   | Propane, 1-ethoxy-2-methyl-      | 102 | C6H14O  | 000627-02-1 | 12   |
| 3    |    |   | Morpholine, 4-methyl-            | 101 | C5H11NO | 000109-02-4 | 9    |
| 4    |    |   | Diacetamide                      | 101 | C4H7NO2 | 000625-77-4 | 9    |
| 5    |    |   | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |



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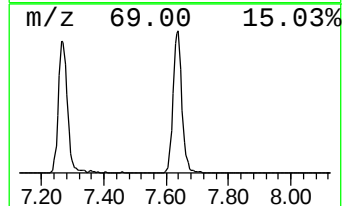
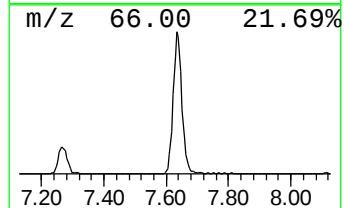
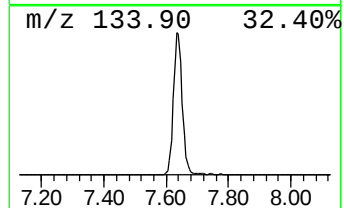
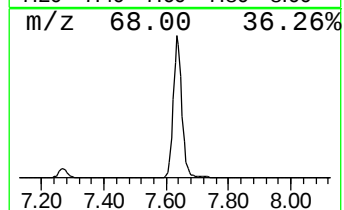
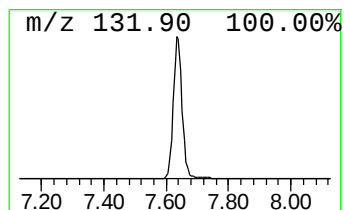
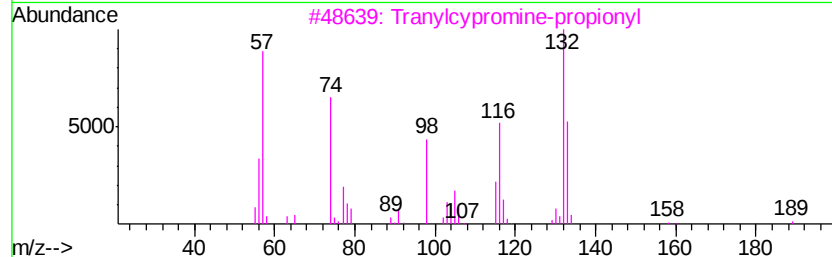
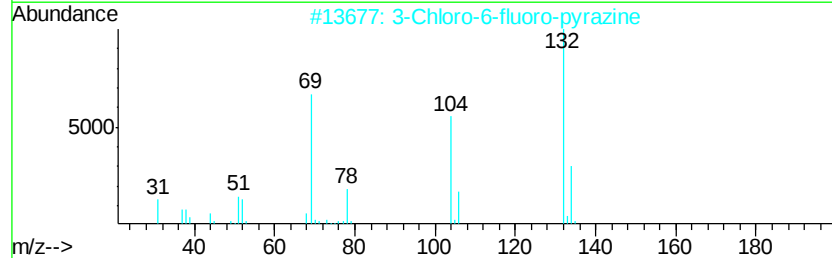
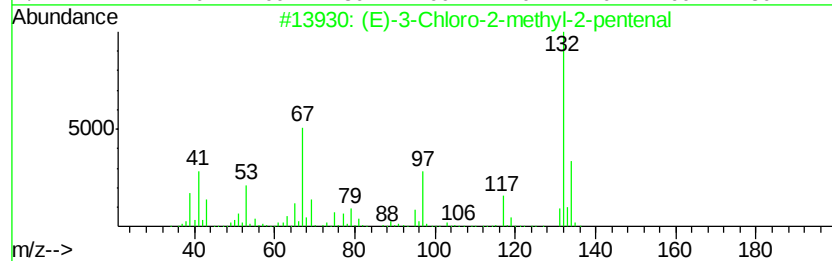
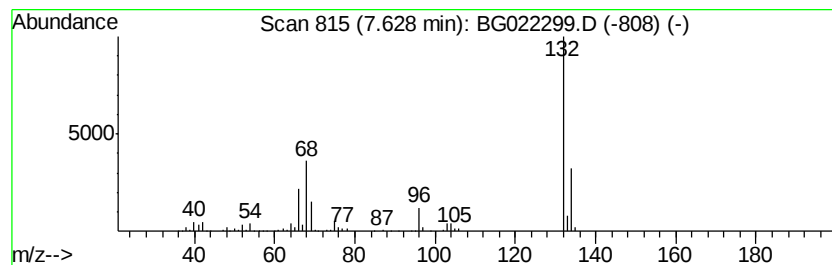
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Peak Number 2 unknown7.63 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 7.63 | 107.45 ng | 656071 | 1,4-Dichlorobenzene-d4 | 8.10 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 35   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 5    |    | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3    | 000372-38-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.18 | 5.5     | ng    | 33535    | 1                     | 8.10 | 122114 | 20.0 |
| unknown7.63          | 7.63 | 107.5   | ng    | 656071   | 1                     | 8.10 | 122114 | 20.0 |