

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\  
 Data File : BG025547.D  
 Acq On : 20 Jan 2017 20:42  
 Operator : UM/SJ  
 Sample : I1346-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FIELDBLANK-11817

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-BG122116.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         | 5.237       | 399           | 408         | 417          | rBV      | 148032         | 254186        | 3.48%           | 0.967%        |
| 2         | 5.719       | 484           | 490         | 501          | rBV      | 497330         | 922423        | 12.63%          | 3.510%        |
| 3         | 7.341       | 759           | 766         | 777          | rBV3     | 306897         | 621529        | 8.51%           | 2.365%        |
| 4         | 7.711       | 821           | 829         | 840          | rBV      | 969731         | 1803430       | 24.69%          | 6.861%        |
| 5         | 8.181       | 901           | 909         | 915          | rBV      | 206063         | 368170        | 5.04%           | 1.401%        |
| 6         | 8.504       | 956           | 964         | 972          | rBV      | 835229         | 1524816       | 20.87%          | 5.801%        |
| 7         | 9.368       | 1103          | 1111        | 1123         | rBV      | 731747         | 1480968       | 20.27%          | 5.635%        |
| 8         | 11.007      | 1382          | 1390        | 1402         | rBV      | 228927         | 504036        | 6.90%           | 1.918%        |
| 9         | 13.428      | 1795          | 1802        | 1812         | rBV      | 2056813        | 3353395       | 45.91%          | 12.759%       |
| 10        | 14.809      | 2030          | 2037        | 2049         | rVB      | 433194         | 750651        | 10.28%          | 2.856%        |
| 11        | 16.301      | 2284          | 2291        | 2305         | rBV      | 1940524        | 3272216       | 44.80%          | 12.450%       |
| 12        | 17.558      | 2499          | 2505        | 2513         | rBV      | 587106         | 1002581       | 13.73%          | 3.814%        |
| 13        | 20.138      | 2938          | 2944        | 2954         | rBV      | 5536204        | 7304630       | 100.00%         | 27.792%       |
| 14        | 21.847      | 3228          | 3235        | 3246         | rBV      | 877233         | 1585913       | 21.71%          | 6.034%        |
| 15        | 25.232      | 3800          | 3811        | 3824         | rBV2     | 471925         | 1534579       | 21.01%          | 5.839%        |

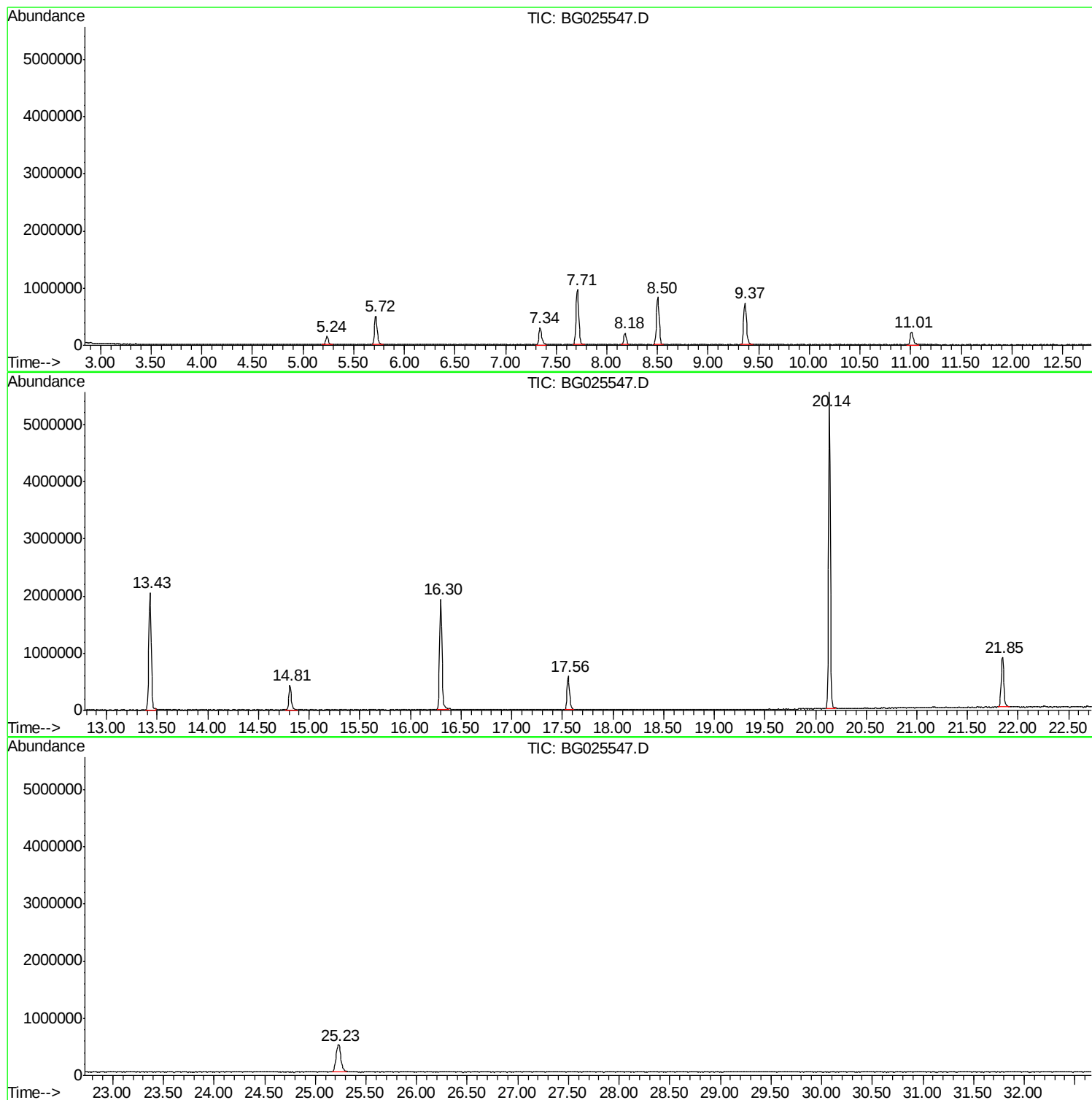
Sum of corrected areas: 26283523

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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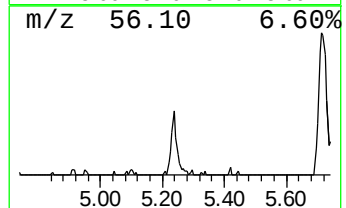
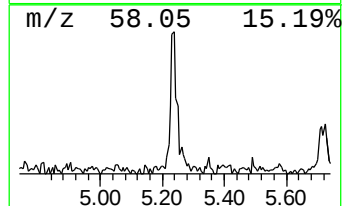
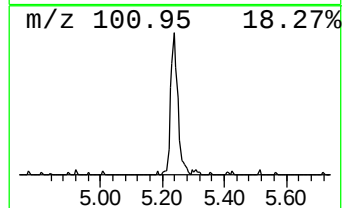
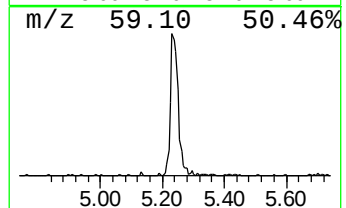
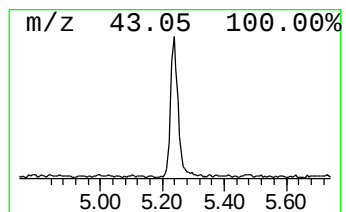
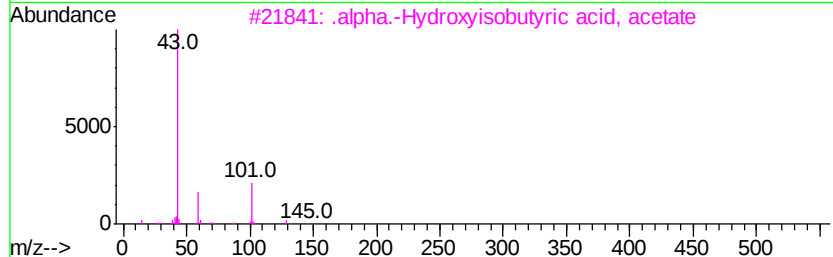
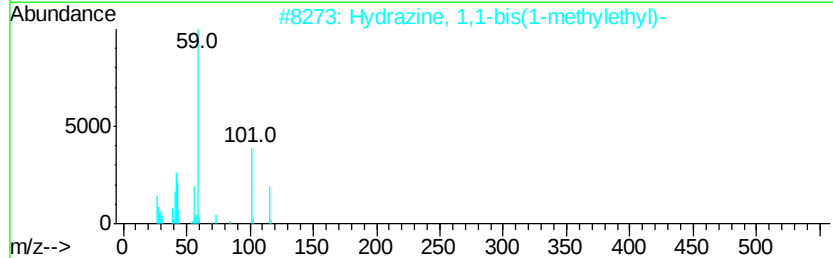
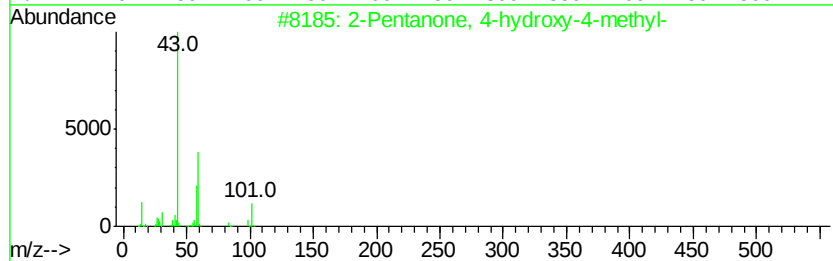
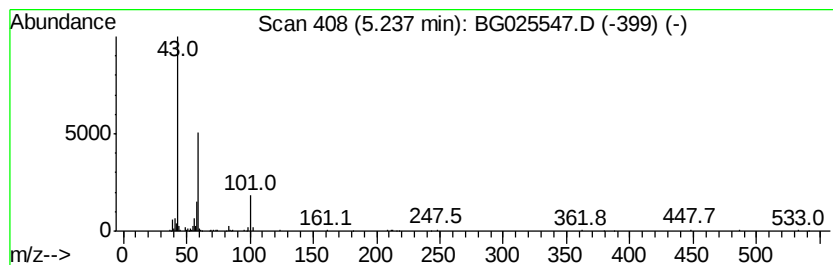
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M  
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TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 5.24 | 13.81 ng | 254186 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2  | 53   |
| 2    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2 | 000921-14-2  | 37   |
| 3    |    |   | .alpha.-Hydroxyisobutyric acid, ... | 146 | C6H10O4 | 1000374-31-3 | 12   |
| 4    |    |   | Formamide, N,N-diethyl-             | 101 | C5H11NO | 000617-84-5  | 9    |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6  | 9    |



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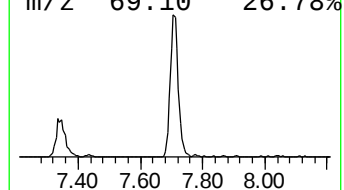
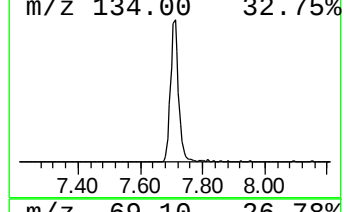
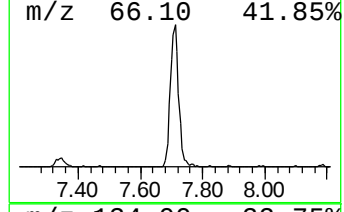
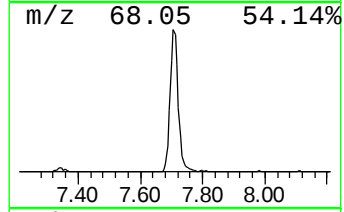
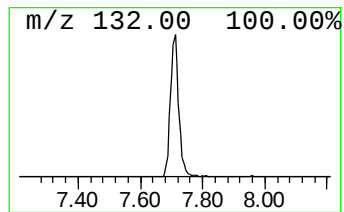
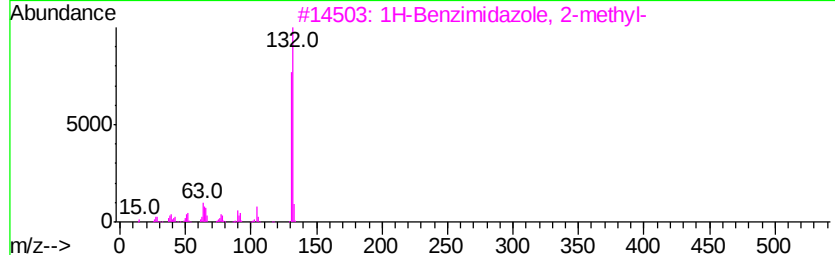
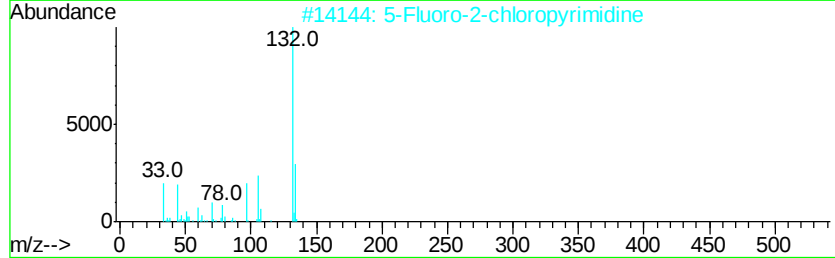
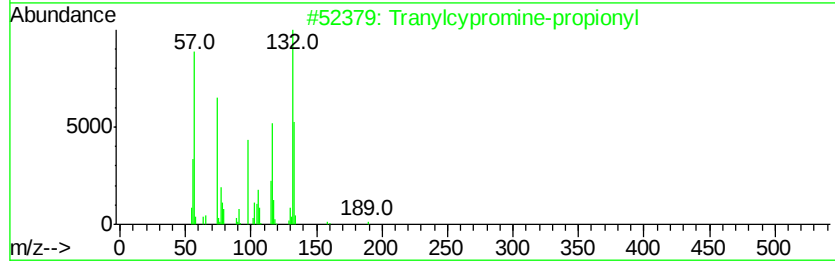
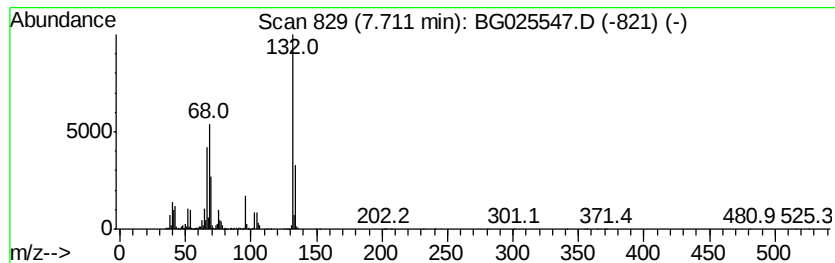
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Peak Number 2 unknown7.71 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.71 | 97.97 ng | 1803430 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Tranvlcvpromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 10   |
| 3    |    | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6  | 10   |
| 4    |    | Imidazole, 4,5-dicvano-1-methyl-    | 132 | C6H4N4    | 019485-35-9  | 9    |
| 5    |    | 1,1-Difluoro-3-methyl-1-silacycl... | 134 | C5H8F2Si  | 054077-66-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|----------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                      |      |         |       |          | #                       | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.24 | 13.8    | ng    | 254186   | 1                       | 8.18 | 368170 | 20.0 |
| unknown7.71          | 7.71 | 98.0    | ng    | 1803430  | 1                       | 8.18 | 368170 | 20.0 |