

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\  
 Data File : BG031509.D  
 Acq On : 13 Dec 2017 2:26  
 Operator : SJ/JU  
 Sample : I6764-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MAP-8-E(7-8)

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-BG121117.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         | 5.185       | 317           | 323         | 334          | rBV      | 62652          | 101300        | 1.94%           | 0.469%        |
| 2         | 5.673       | 399           | 406         | 419          | rBV      | 732162         | 1276207       | 24.50%          | 5.914%        |
| 3         | 7.282       | 672           | 680         | 696          | rBV      | 765066         | 1462773       | 28.08%          | 6.779%        |
| 4         | 7.647       | 734           | 742         | 758          | rBV      | 772558         | 1393687       | 26.75%          | 6.459%        |
| 5         | 8.105       | 814           | 820         | 828          | rBV      | 170834         | 302731        | 5.81%           | 1.403%        |
| 6         | 8.434       | 868           | 876         | 890          | rBV      | 584650         | 1074787       | 20.63%          | 4.981%        |
| 7         | 9.274       | 1012          | 1019        | 1034         | rBV      | 393327         | 815808        | 15.66%          | 3.781%        |
| 8         | 10.925      | 1291          | 1300        | 1318         | rBV      | 222021         | 463155        | 8.89%           | 2.146%        |
| 9         | 13.352      | 1706          | 1713        | 1726         | rBV      | 1481979        | 2418910       | 46.43%          | 11.210%       |
| 10        | 14.180      | 1846          | 1854        | 1875         | rBV      | 78148          | 162080        | 3.11%           | 0.751%        |
| 11        | 14.733      | 1942          | 1948        | 1959         | rBV2     | 439101         | 734844        | 14.11%          | 3.405%        |
| 12        | 16.219      | 2195          | 2201        | 2215         | rBV      | 1162926        | 1941613       | 37.27%          | 8.998%        |
| 13        | 17.476      | 2408          | 2415        | 2431         | rBV2     | 680710         | 1115550       | 21.41%          | 5.170%        |
| 14        | 20.067      | 2850          | 2856        | 2866         | rBV      | 3950888        | 5209539       | 100.00%         | 24.142%       |
| 15        | 21.354      | 3071          | 3075        | 3088         | rBV3     | 55180          | 135202        | 2.60%           | 0.627%        |
| 16        | 21.748      | 3135          | 3142        | 3152         | rBV      | 871059         | 1528314       | 29.34%          | 7.083%        |
| 17        | 25.032      | 3690          | 3701        | 3714         | rVB2     | 494554         | 1442043       | 27.68%          | 6.683%        |

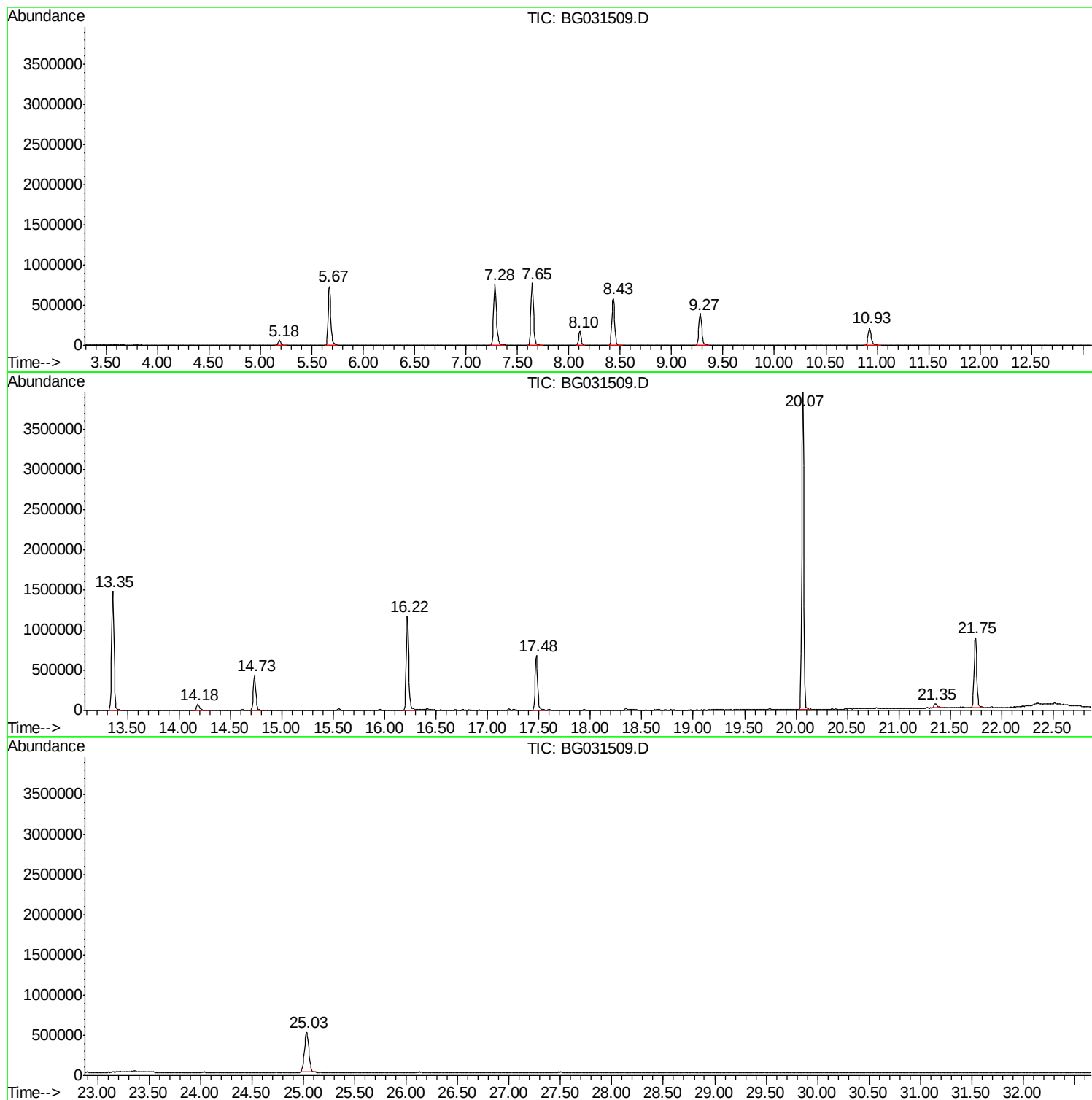
Sum of corrected areas: 21578543

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.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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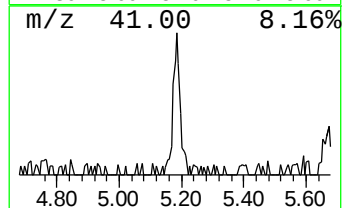
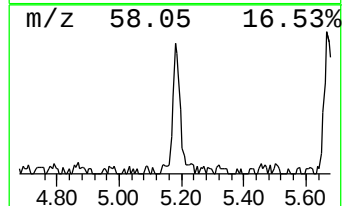
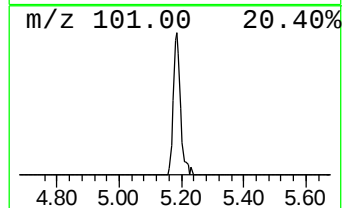
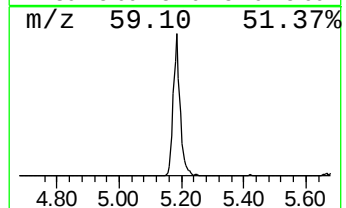
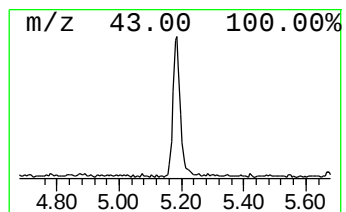
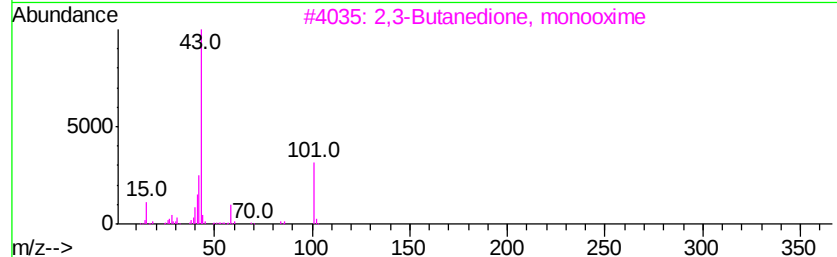
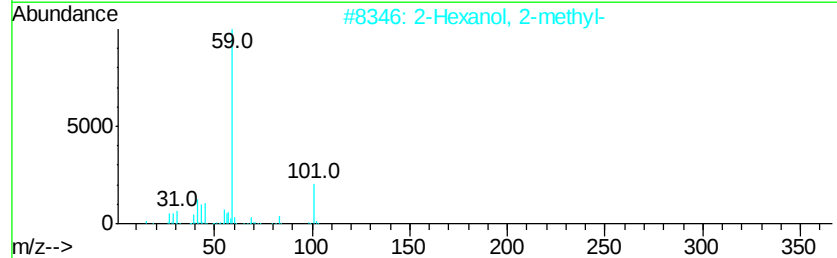
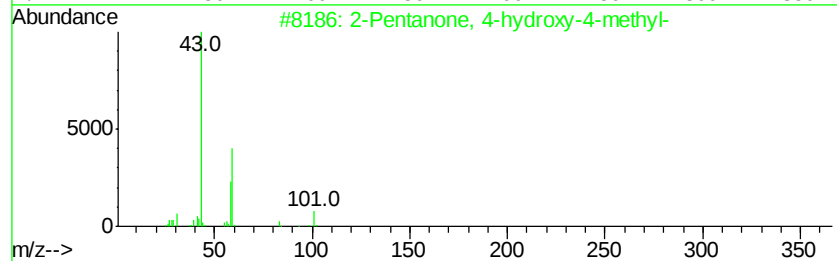
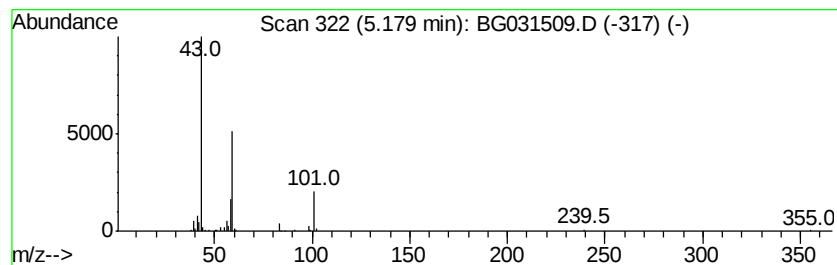
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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 | 6.69 ng | 101300 | 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 | 64   |
| 2    |      | 2-Hexanol, 2-methyl-             | 116 | C7H16O  | 000625-23-0 | 53   |
| 3    |      | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 35   |
| 4    |      | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO | 005780-40-5 | 25   |
| 5    |      | 3-Hexanol, 4-methyl-             | 116 | C7H16O  | 000615-29-2 | 25   |



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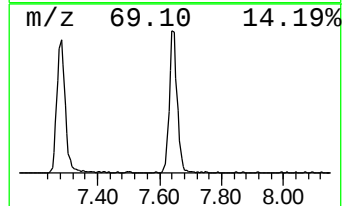
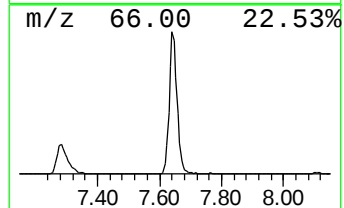
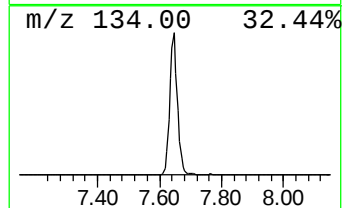
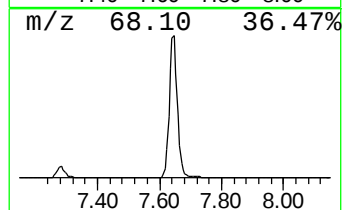
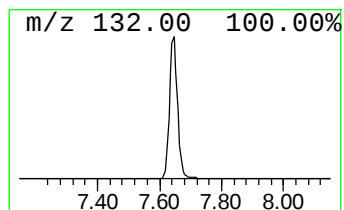
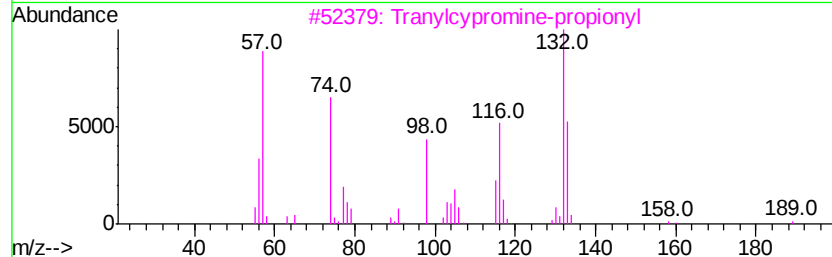
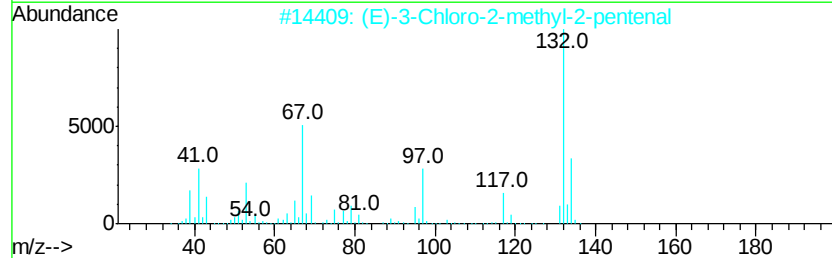
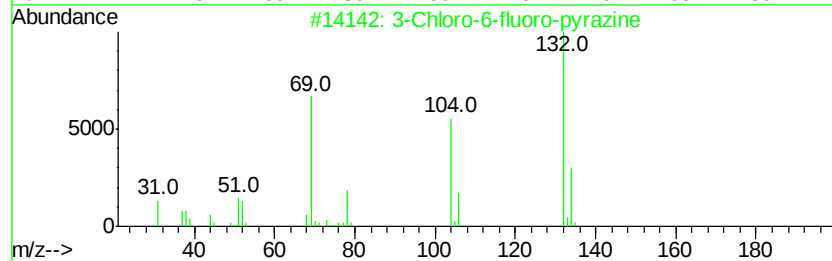
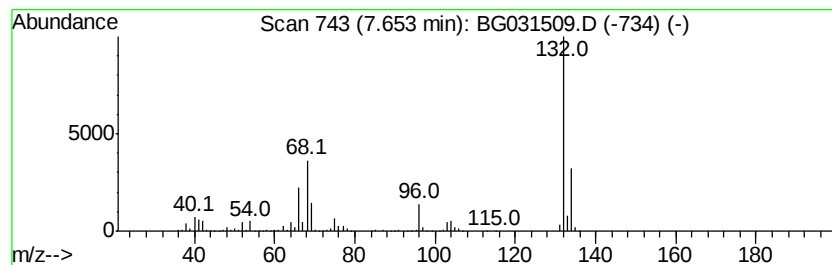
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Peak Number 2 unknown7.65 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.65 | 92.07 ng | 1393690 | 1,4-Dichlorobenzene-d4 | 8.10 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 3    |    | Tranvlcyproline-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.18 | 6.7     | ng    | 101300   | 1                     | 8.10 | 302731 | 20.0 |
| unknown7.65          | 7.65 | 92.1    | ng    | 1393690  | 1                     | 8.10 | 302731 | 20.0 |