

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061215\  
 Data File : BG017649.D  
 Acq On : 12 Jun 2015 22:28  
 Operator : TP/IZ  
 Sample : G2627-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-27

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG061215.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         | 5.114       | 408           | 413         | 419          | rVB3     | 46465          | 70814         | 11.93%          | 2.005%        |
| 2         | 6.741       | 685           | 690         | 699          | rBV      | 40014          | 66911         | 11.27%          | 1.894%        |
| 3         | 7.070       | 740           | 746         | 753          | rBV2     | 62140          | 101802        | 17.14%          | 2.882%        |
| 4         | 7.523       | 817           | 823         | 832          | rBV      | 91034          | 144564        | 24.35%          | 4.093%        |
| 5         | 7.846       | 873           | 878         | 886          | rVB2     | 59812          | 94852         | 15.97%          | 2.686%        |
| 6         | 8.698       | 1017          | 1023        | 1037         | rBV      | 30444          | 55684         | 9.38%           | 1.577%        |
| 7         | 10.325      | 1291          | 1300        | 1311         | rBV      | 85108          | 172318        | 29.02%          | 4.879%        |
| 8         | 12.822      | 1719          | 1725        | 1735         | rBV      | 95146          | 165497        | 27.87%          | 4.686%        |
| 9         | 14.209      | 1955          | 1961        | 1974         | rVB2     | 162679         | 248736        | 41.89%          | 7.042%        |
| 10        | 15.713      | 2210          | 2217        | 2225         | rBV2     | 102929         | 170545        | 28.72%          | 4.829%        |
| 11        | 16.747      | 2388          | 2393        | 2396         | rBV      | 4019           | 6491          | 1.09%           | 0.184%        |
| 12        | 16.965      | 2424          | 2430        | 2442         | rBV2     | 246294         | 396285        | 66.74%          | 11.220%       |
| 13        | 19.603      | 2874          | 2879        | 2889         | rBV      | 364953         | 483201        | 81.37%          | 13.681%       |
| 14        | 20.960      | 3106          | 3110        | 3115         | rVB6     | 12747          | 15806         | 2.66%           | 0.448%        |
| 15        | 21.083      | 3127          | 3131        | 3138         | rBV5     | 22881          | 37469         | 6.31%           | 1.061%        |
| 16        | 21.160      | 3140          | 3144        | 3155         | rVB      | 436596         | 593811        | 100.00%         | 16.812%       |
| 17        | 21.442      | 3189          | 3192        | 3193         | rBV3     | 8688           | 8840          | 1.49%           | 0.250%        |
| 18        | 21.735      | 3240          | 3242        | 3247         | rVB6     | 8765           | 10014         | 1.69%           | 0.284%        |
| 19        | 21.906      | 3269          | 3271        | 3273         | rBV2     | 6345           | 7109          | 1.20%           | 0.201%        |
| 20        | 22.946      | 3447          | 3448        | 3450         | rBV2     | 6988           | 6601          | 1.11%           | 0.187%        |
| 21        | 22.993      | 3454          | 3456        | 3458         | rVV3     | 7483           | 6153          | 1.04%           | 0.174%        |
| 22        | 23.022      | 3458          | 3461        | 3463         | rVV4     | 6686           | 7426          | 1.25%           | 0.210%        |
| 23        | 23.363      | 3512          | 3519        | 3529         | rBV      | 289699         | 564032        | 94.99%          | 15.969%       |
| 24        | 23.522      | 3544          | 3546        | 3549         | rBV4     | 8549           | 7528          | 1.27%           | 0.213%        |
| 25        | 24.321      | 3680          | 3682        | 3685         | rBV3     | 6935           | 8621          | 1.45%           | 0.244%        |
| 26        | 24.526      | 3714          | 3717        | 3720         | rBV5     | 6538           | 8001          | 1.35%           | 0.227%        |
| 27        | 24.961      | 3790          | 3791        | 3798         | rVB7     | 8785           | 9811          | 1.65%           | 0.278%        |
| 28        | 25.925      | 3952          | 3955        | 3957         | rBV3     | 6550           | 7571          | 1.27%           | 0.214%        |
| 29        | 25.948      | 3957          | 3959        | 3962         | rVB4     | 10288          | 9721          | 1.64%           | 0.275%        |
| 30        | 25.977      | 3962          | 3964        | 3965         | rBV2     | 7911           | 6206          | 1.05%           | 0.176%        |
| 31        | 26.189      | 3998          | 4000        | 4003         | rBV4     | 5845           | 5984          | 1.01%           | 0.169%        |
| 32        | 26.976      | 4132          | 4134        | 4139         | rVB4     | 9129           | 8791          | 1.48%           | 0.249%        |
| 33        | 27.023      | 4139          | 4142        | 4143         | rBV3     | 7610           | 7365          | 1.24%           | 0.209%        |
| 34        | 27.869      | 4284          | 4286        | 4290         | rVB5     | 9889           | 11130         | 1.87%           | 0.315%        |

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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-BG061215.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 35 | 29.074 | 4489 | 4491 | 4496 | rVB5 | 5750 | 6287 | 1.06% | 0.178% |
|----|--------|------|------|------|------|------|------|-------|--------|

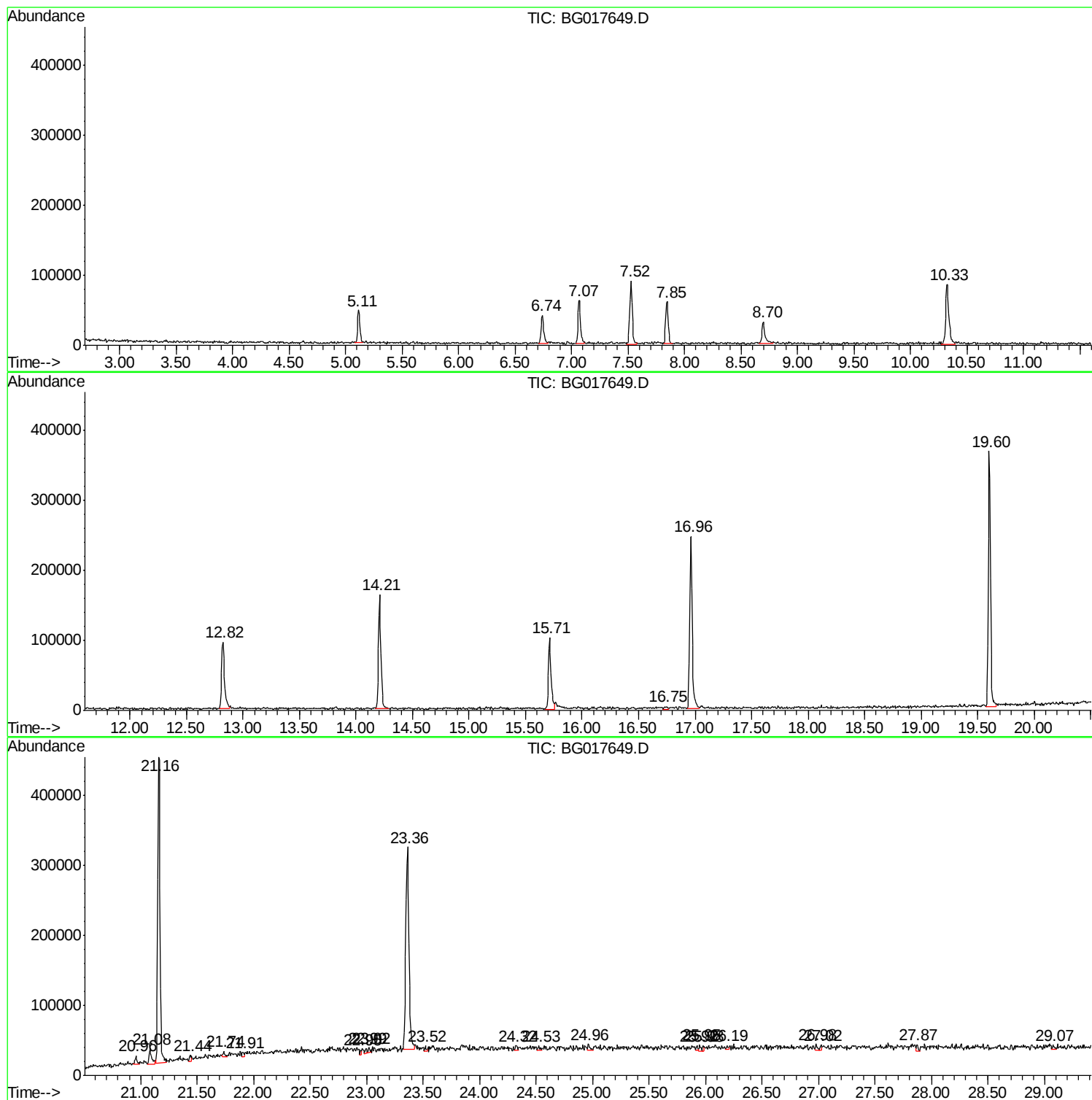
Sum of corrected areas: 3531977

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG061215.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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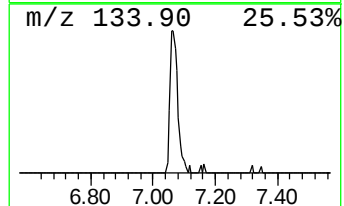
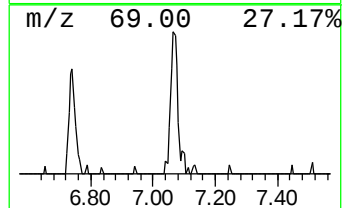
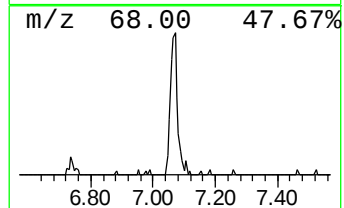
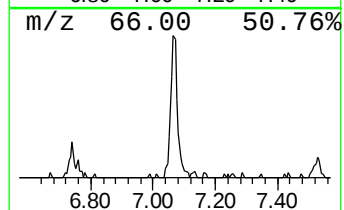
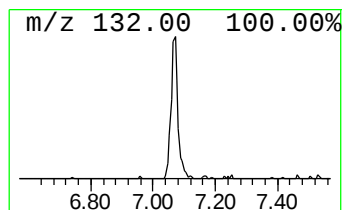
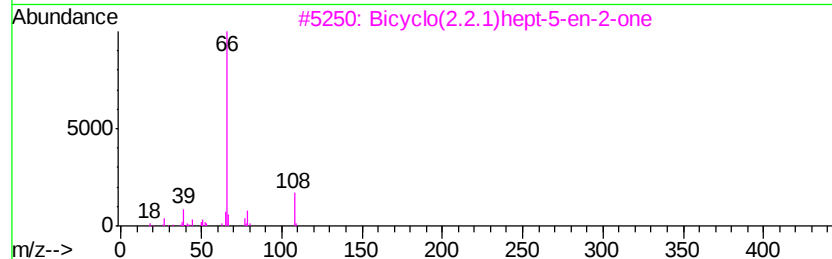
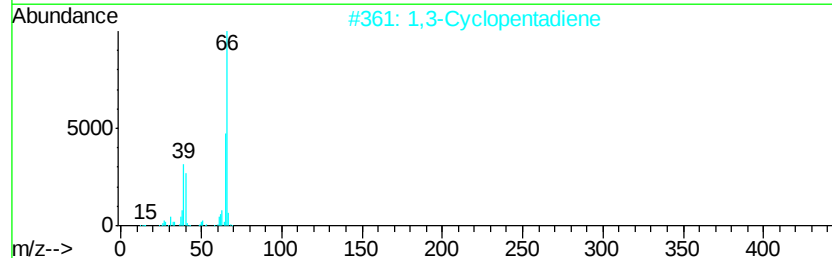
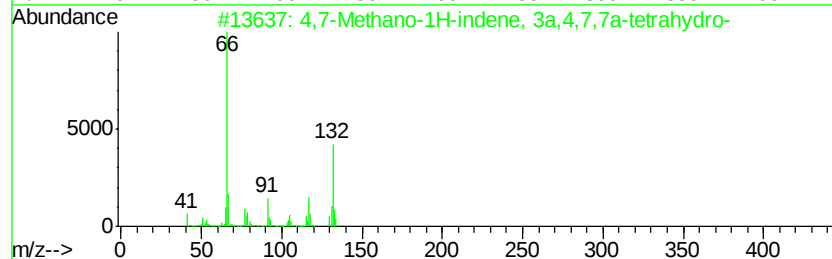
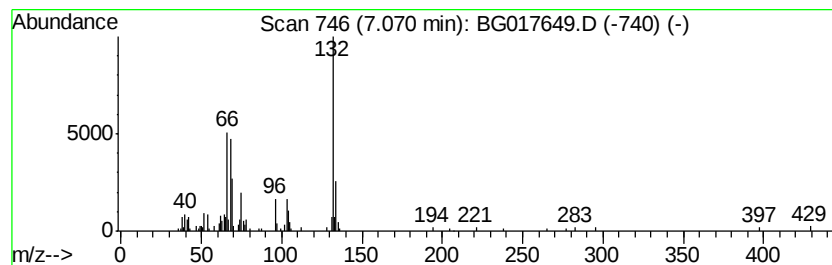
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.07 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.07 | 14.08 ng | 101802 | 1,4-Dichlorobenzene-d4 | 7.53 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 4,7-Methano-1H-indene, 3a,4,7,7a... | 132 | C10H12   | 000077-73-6 | 36   |
| 2    |    | 1,3-Cyclopentadiene                 | 66  | C5H6     | 000542-92-7 | 17   |
| 3    |    | Bicyclo(2.2.1)hept-5-en-2-one       | 108 | C7H8O    | 000694-98-4 | 17   |
| 4    |    | Bicyclo[2.2.1]hept-5-ene-2-carbo... | 153 | C8H11NO2 | 092511-32-5 | 17   |
| 5    |    | Bicyclo(2.2.1)hept-5-ene-2-carbo... | 119 | C8H9N    | 002888-90-6 | 17   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.07      | 7.07 | 14.1    | ng    | 101802   | 1                     | 7.53 | 144564 | 20.0 |