

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\  
 Data File : BM016656.D  
 Acq On : 04 Sep 2018 21:07  
 Operator : SJ/JU  
 Sample : J4759-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 083018-SIDI-E-D-S

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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM082118.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         | 5.546       | 380           | 384         | 405          | rBV2     | 267003         | 551991        | 6.90%           | 1.993%        |
| 2         | 7.181       | 658           | 662         | 669          | rBV2     | 146959         | 270606        | 3.38%           | 0.977%        |
| 3         | 7.522       | 715           | 720         | 737          | rBV      | 753709         | 1359628       | 16.99%          | 4.910%        |
| 4         | 7.999       | 795           | 801         | 813          | rBV      | 279368         | 506578        | 6.33%           | 1.829%        |
| 5         | 8.310       | 846           | 854         | 870          | rBV      | 1505588        | 2526441       | 31.57%          | 9.124%        |
| 6         | 9.181       | 995           | 1002        | 1015         | rBV      | 825760         | 1476230       | 18.45%          | 5.331%        |
| 7         | 10.798      | 1271          | 1277        | 1286         | rBV      | 281162         | 530911        | 6.63%           | 1.917%        |
| 8         | 13.251      | 1687          | 1694        | 1710         | rBV      | 3333383        | 4610709       | 57.61%          | 16.651%       |
| 9         | 14.104      | 1833          | 1839        | 1851         | rBV2     | 77225          | 130769        | 1.63%           | 0.472%        |
| 10        | 14.639      | 1921          | 1930        | 1939         | rBV2     | 433878         | 702862        | 8.78%           | 2.538%        |
| 11        | 16.133      | 2177          | 2184        | 2205         | rBV      | 1739822        | 2751753       | 34.38%          | 9.938%        |
| 12        | 17.380      | 2391          | 2396        | 2408         | rBV2     | 595042         | 964903        | 12.06%          | 3.485%        |
| 13        | 18.233      | 2536          | 2541        | 2546         | rBV5     | 60375          | 85284         | 1.07%           | 0.308%        |
| 14        | 19.968      | 2831          | 2836        | 2845         | rBV      | 7216818        | 8003346       | 100.00%         | 28.904%       |
| 15        | 21.527      | 3097          | 3101        | 3111         | rBV      | 1064082        | 1471542       | 18.39%          | 5.314%        |
| 16        | 23.803      | 3482          | 3488        | 3495         | rBV      | 847904         | 1746135       | 21.82%          | 6.306%        |

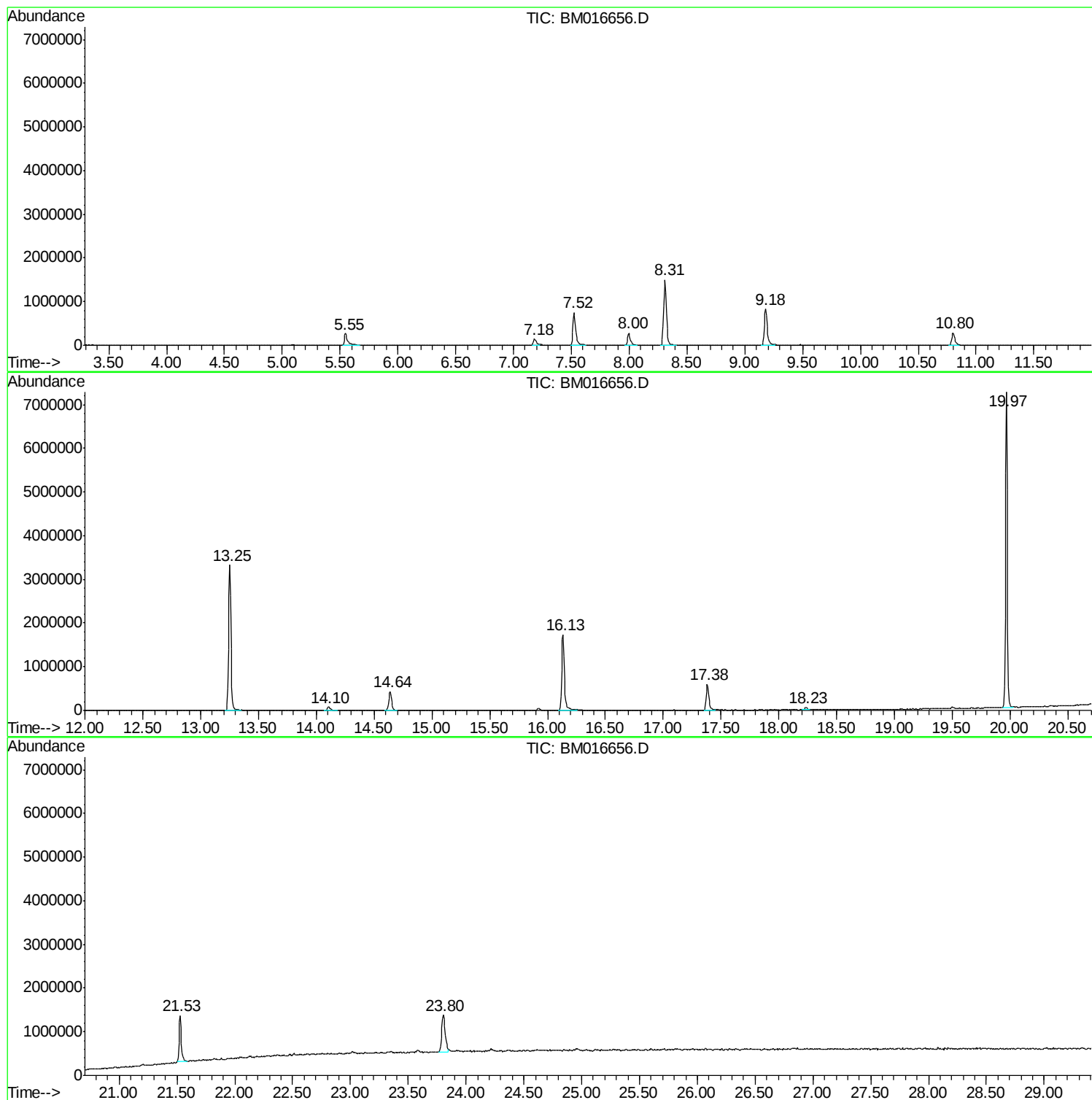
Sum of corrected areas: 27689688

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.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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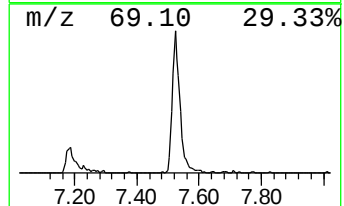
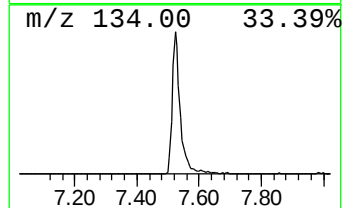
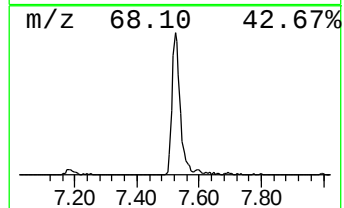
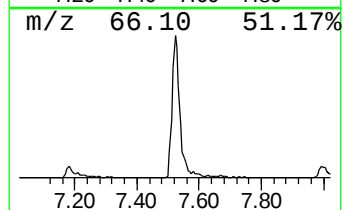
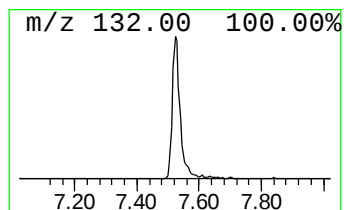
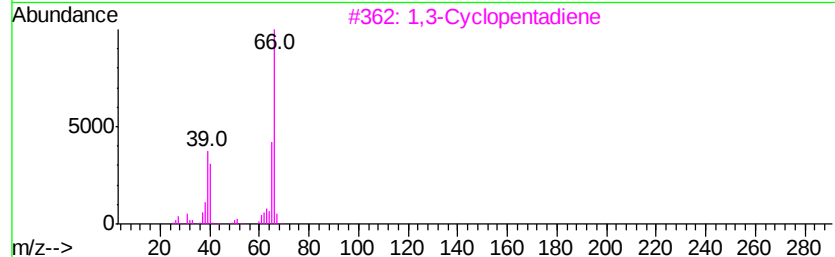
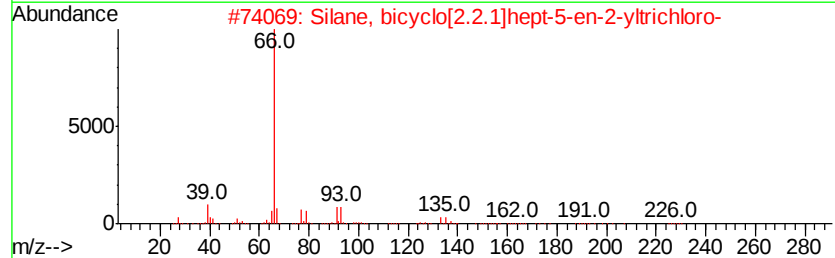
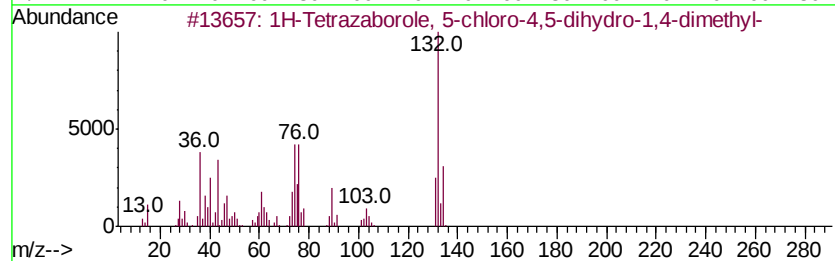
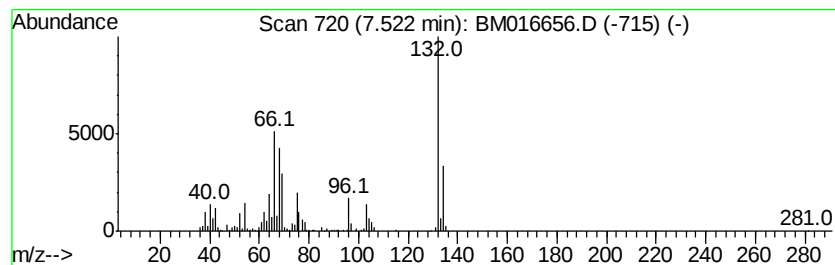
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.52 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.52 | 53.68 ng | 1359630 | 1,4-Dichlorobenzene-d4 | 8.00 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1H-Tetrazaborole, 5-chloro-4,5-d... | 132 | C2H6BClN4 | 021960-49-6  | 27   |
| 2    |    | Silane, bicyclo[2.2.1]hept-5-en-... | 226 | C7H9Cl3Si | 014319-64-3  | 16   |
| 3    |    | 1,3-Cyclopentadiene                 | 66  | C5H6      | 000542-92-7  | 16   |
| 4    |    | The first isomer tricyclopentadiene | 198 | C15H18    | 1000222-21-0 | 16   |
| 5    |    | 1,4,4a,8a-Tetrahydro-1,4-methano... | 174 | C11H10O2  | 001200-89-1  | 16   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.52      | 7.52 | 53.7    | ng    | 1359630  | 1                     | 8.00 | 506578 | 20.0 |