

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\  
 Data File : BM016531.D  
 Acq On : 22 Aug 2018 22:47  
 Operator : SJ/JU  
 Sample : J4525-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 081518-DBRI-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         | 5.557       | 381           | 386         | 401          | rBV      | 569083         | 1038933       | 4.39%           | 1.583%        |
| 2         | 7.193       | 659           | 664         | 681          | rBV      | 330686         | 624322        | 2.64%           | 0.951%        |
| 3         | 7.540       | 717           | 723         | 738          | rBV      | 1449764        | 2556031       | 10.79%          | 3.895%        |
| 4         | 8.016       | 798           | 804         | 816          | rBV      | 469350         | 859101        | 3.63%           | 1.309%        |
| 5         | 8.334       | 851           | 858         | 871          | rBV      | 2702595        | 4441653       | 18.75%          | 6.769%        |
| 6         | 9.198       | 999           | 1005        | 1018         | rBV      | 1549934        | 2716054       | 11.47%          | 4.139%        |
| 7         | 10.822      | 1275          | 1281        | 1295         | rBV      | 502017         | 960514        | 4.05%           | 1.464%        |
| 8         | 13.275      | 1689          | 1698        | 1711         | rBV      | 7982979        | 10403586      | 43.92%          | 15.854%       |
| 9         | 14.657      | 1924          | 1933        | 1944         | rBV2     | 1005862        | 1559306       | 6.58%           | 2.376%        |
| 10        | 16.151      | 2181          | 2187        | 2202         | rBV      | 5154237        | 7051523       | 29.77%          | 10.746%       |
| 11        | 17.398      | 2394          | 2399        | 2410         | rBV      | 1643706        | 2364988       | 9.98%           | 3.604%        |
| 12        | 19.992      | 2834          | 2840        | 2850         | rBV      | 21024265       | 23687604      | 100.00%         | 36.097%       |
| 13        | 21.539      | 3099          | 3103        | 3114         | rBV      | 2608889        | 3591186       | 15.16%          | 5.473%        |
| 14        | 23.833      | 3486          | 3493        | 3503         | rBV      | 1833834        | 3767219       | 15.90%          | 5.741%        |

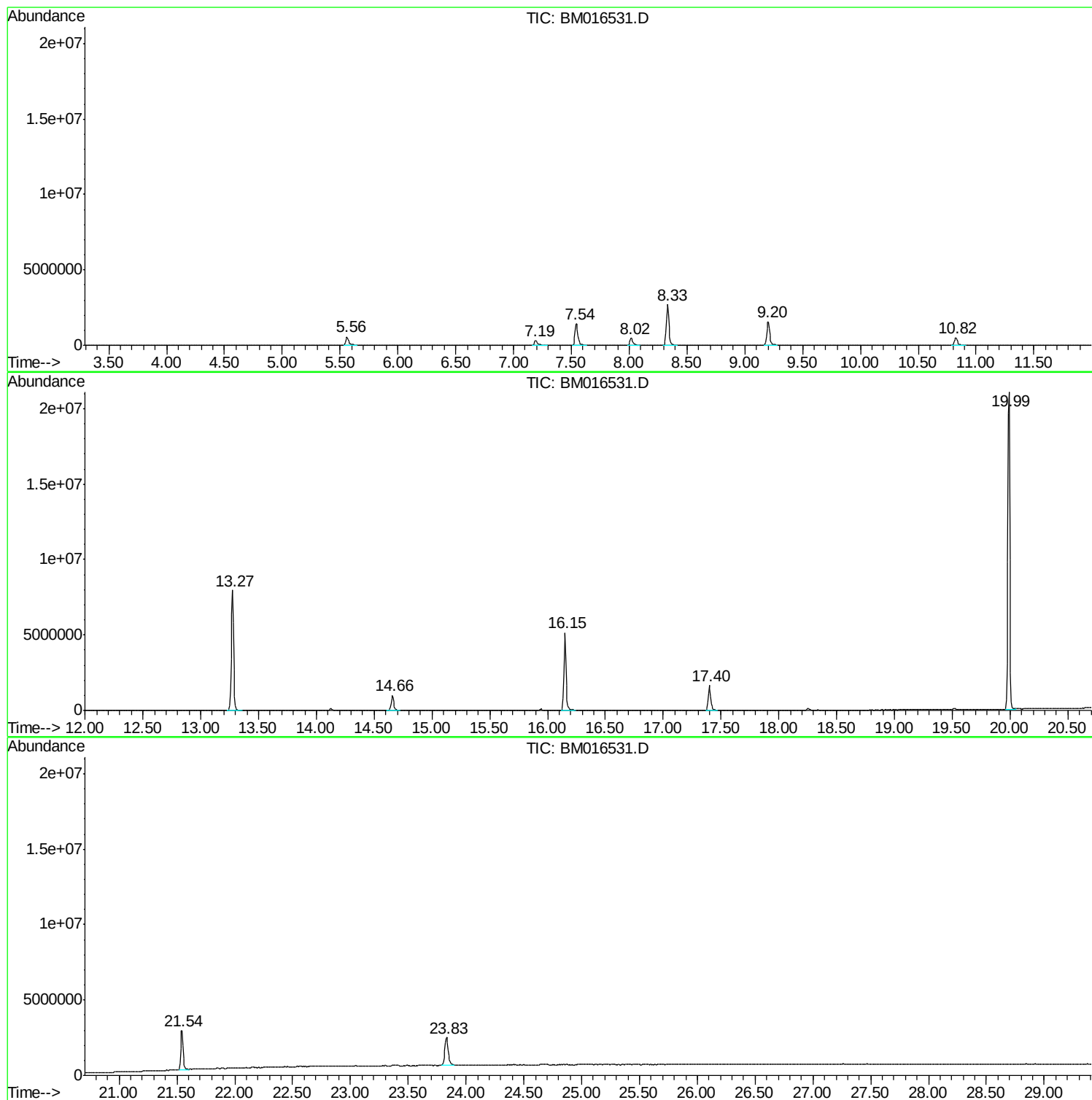
Sum of corrected areas: 65622020

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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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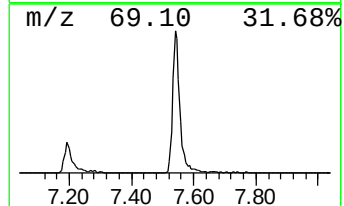
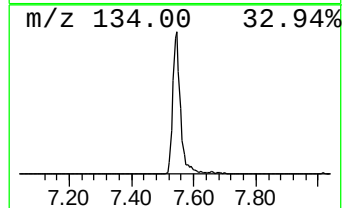
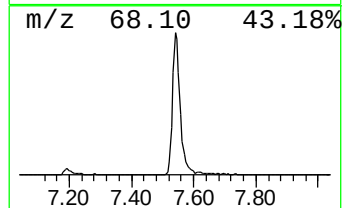
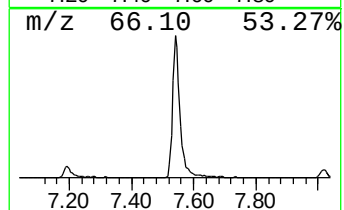
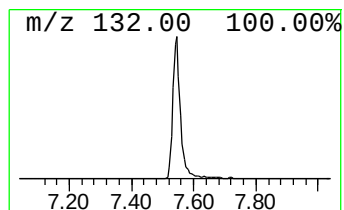
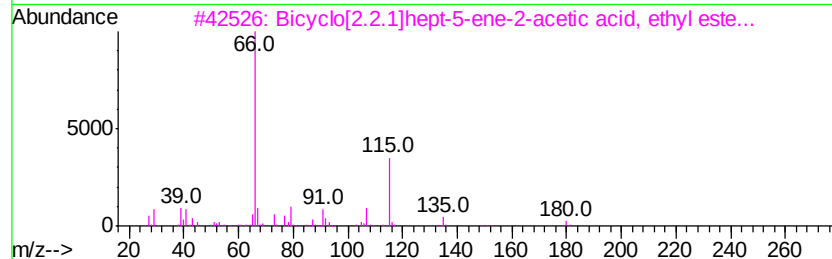
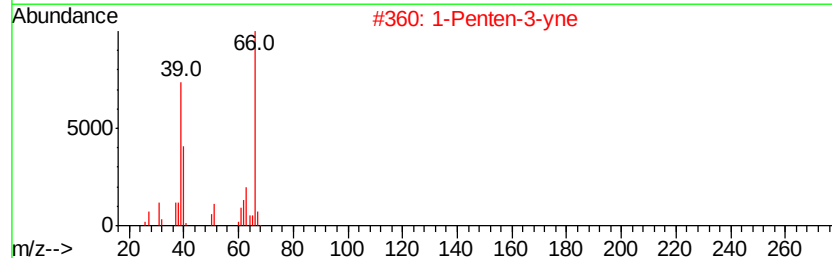
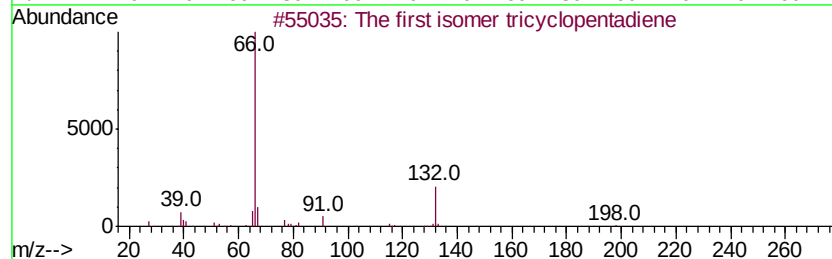
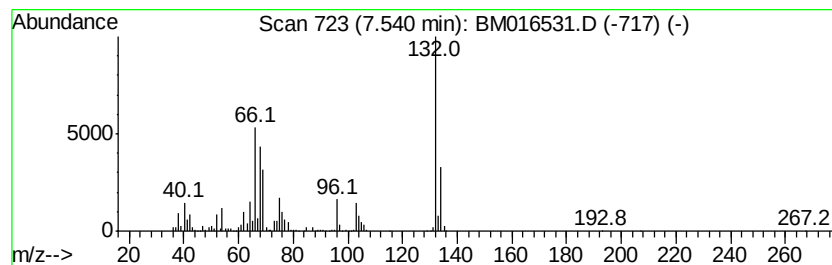
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.54 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.54 | 59.50 ng | 2556030 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | The first isomer tricyclopentadiene | 198 | C15H18   | 1000222-21-0 | 38   |
| 2    |    | 1-Penten-3-yne                      | 66  | C5H6     | 000646-05-9  | 30   |
| 3    |    | Bicyclo[2.2.1]hept-5-ene-2-aceti... | 180 | C11H16O2 | 074876-17-8  | 27   |
| 4    |    | Tricyclo[4.2.1.0<2,5>]non-3-ene     | 120 | C9H12    | 007078-40-2  | 16   |
| 5    |    | 1H-Indene, 3a,4,7,7a-tetrahydro-    | 120 | C9H12    | 003048-65-5  | 16   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.54      | 7.54 | 59.5    | ng    | 2556030  | 1                     | 8.02 | 859101 | 20.0 |