

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\  
Data File : BM018711.D  
Acq On : 01 Feb 2019 18:13  
Operator : JU/SJ  
Sample : PB116742BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB116742BL

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-BM010919.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         | 4.869       | 299           | 303         | 311          | rBV      | 214261         | 294964        | 2.51%           | 0.406%        |
| 2         | 5.310       | 372           | 378         | 390          | rBV      | 4541807        | 6390323       | 54.40%          | 8.785%        |
| 3         | 6.899       | 641           | 648         | 659          | rBV      | 4181056        | 6616669       | 56.33%          | 9.097%        |
| 4         | 7.257       | 701           | 709         | 720          | rBV      | 4598634        | 7318574       | 62.31%          | 10.061%       |
| 5         | 7.722       | 780           | 788         | 797          | rBV      | 947316         | 1493474       | 12.71%          | 2.053%        |
| 6         | 8.040       | 834           | 842         | 855          | rBV      | 3572774        | 5812301       | 49.48%          | 7.991%        |
| 7         | 8.887       | 978           | 986         | 1000         | rBV      | 2562144        | 4182955       | 35.61%          | 5.751%        |
| 8         | 10.510      | 1254          | 1262        | 1276         | rBV      | 1122424        | 1915651       | 16.31%          | 2.634%        |
| 9         | 12.986      | 1676          | 1683        | 1698         | rBV      | 6699409        | 9617956       | 81.88%          | 13.223%       |
| 10        | 14.369      | 1911          | 1918        | 1933         | rBV2     | 1496217        | 2313463       | 19.70%          | 3.181%        |
| 11        | 15.869      | 2166          | 2173        | 2195         | rBV      | 4522278        | 6708878       | 57.12%          | 9.223%        |
| 12        | 17.121      | 2380          | 2386        | 2396         | rBV      | 1789020        | 2529258       | 21.53%          | 3.477%        |
| 13        | 18.004      | 2532          | 2536        | 2548         | rBV      | 121337         | 210744        | 1.79%           | 0.290%        |
| 14        | 19.757      | 2828          | 2834        | 2842         | rBV      | 9260791        | 11745944      | 100.00%         | 16.148%       |
| 15        | 21.315      | 3094          | 3099        | 3105         | rBV      | 2049709        | 2757860       | 23.48%          | 3.791%        |
| 16        | 23.574      | 3478          | 3483        | 3494         | rVB      | 1494211        | 2829541       | 24.09%          | 3.890%        |

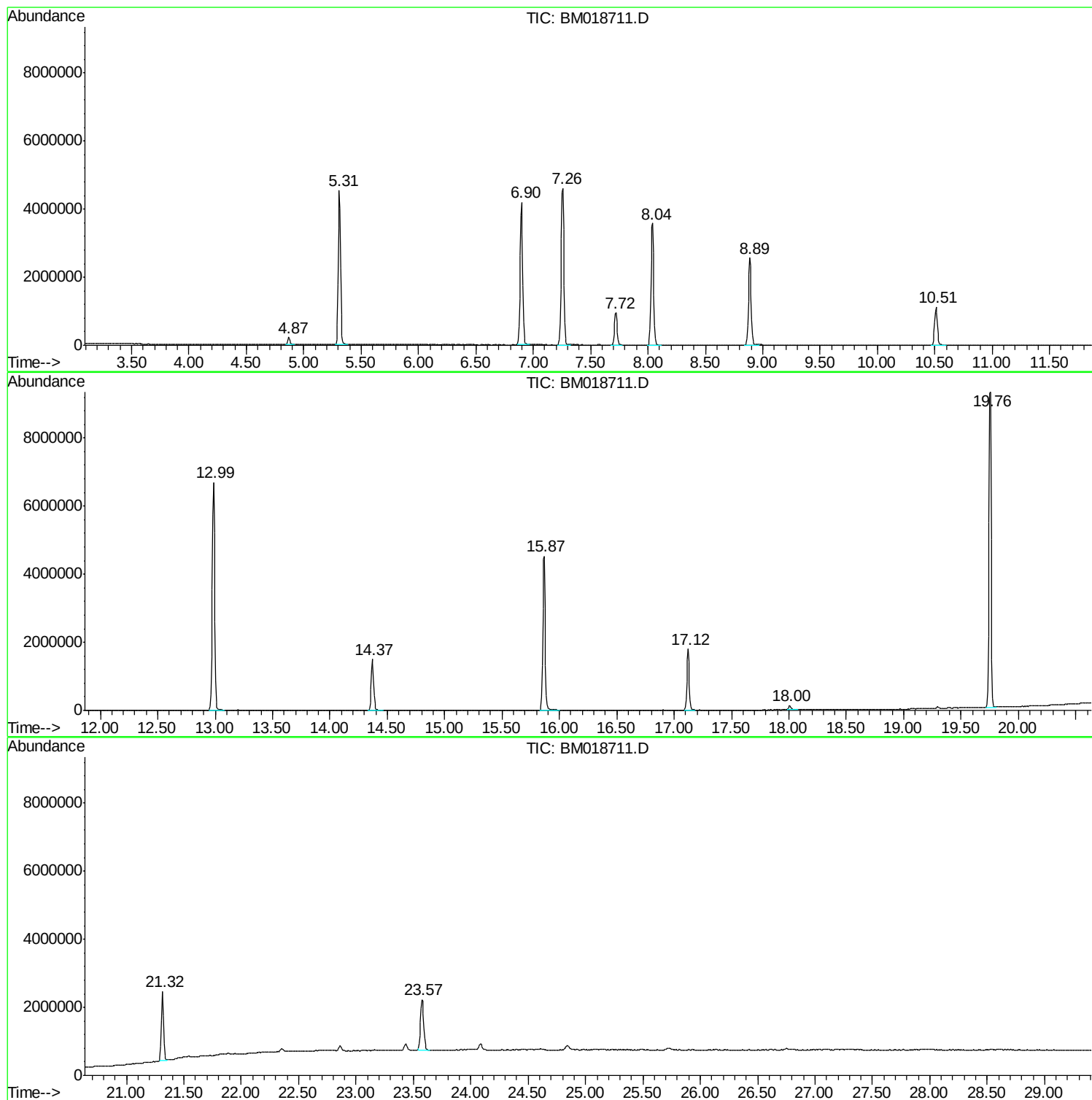
Sum of corrected areas: 72738555

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\  
Data File : BM018711.D  
Acq On : 01 Feb 2019 18:13  
Operator : JU/SJ  
Sample : PB116742BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB116742BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\  
Data File : BM018711.D  
Acq On : 01 Feb 2019 18:13  
Operator : JU/SJ  
Sample : PB116742BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB116742BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

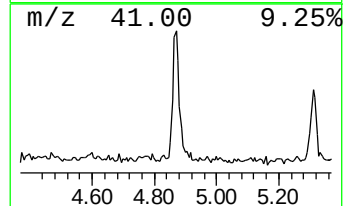
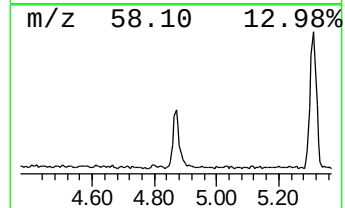
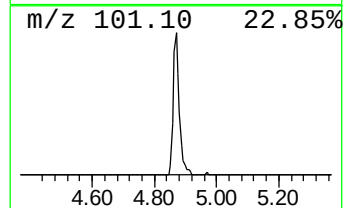
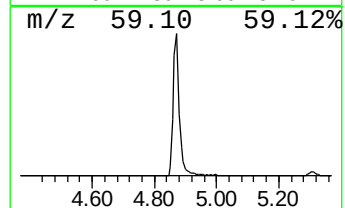
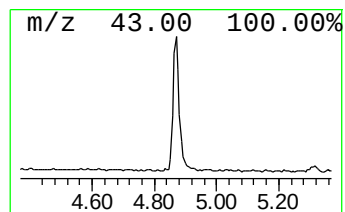
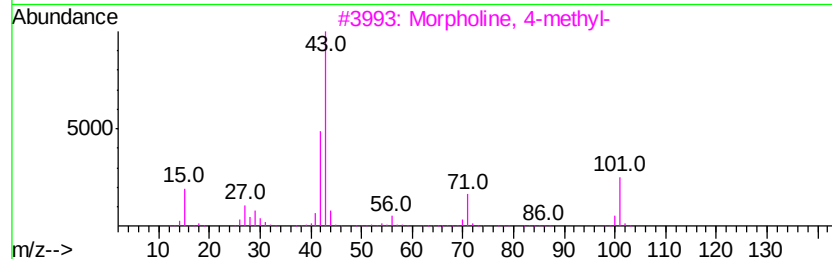
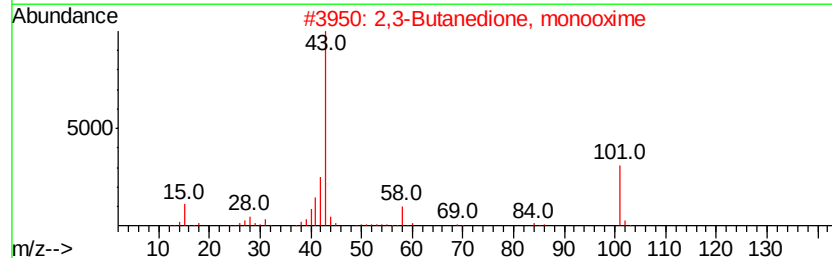
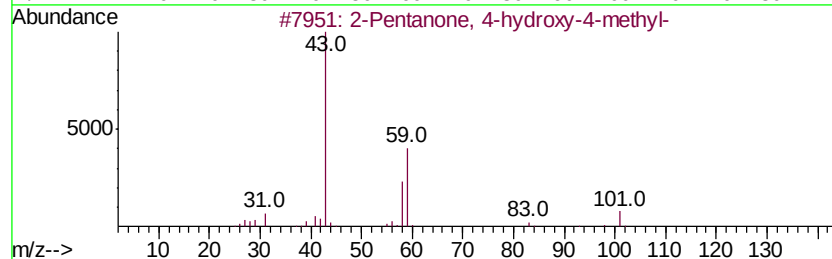
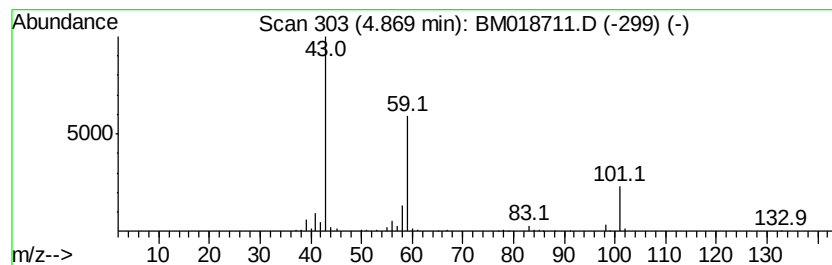
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.87 | 3.95 ng | 294964 | 1,4-Dichlorobenzene-d4 | 7.72 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2    | 000123-42-2 | 72   |
| 2    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2    | 000057-71-6 | 17   |
| 3    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO    | 000109-02-4 | 9    |
| 4    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2    | 016504-58-8 | 9    |
| 5    |    |   | N,N'-Bis(2-methyl-2-nitrosopenta... | 258 | C12H22N2O4 | 094514-30-4 | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\  
 Data File : BM018711.D  
 Acq On : 01 Feb 2019 18:13  
 Operator : JU/SJ  
 Sample : PB116742BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB116742BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

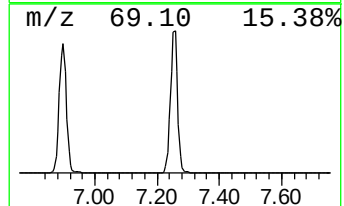
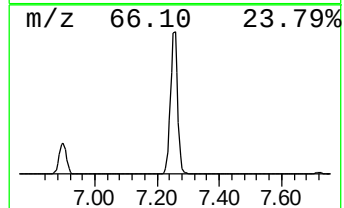
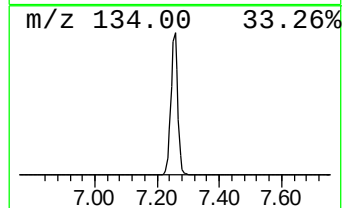
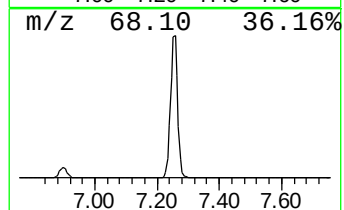
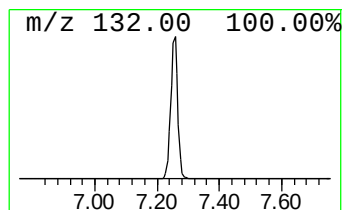
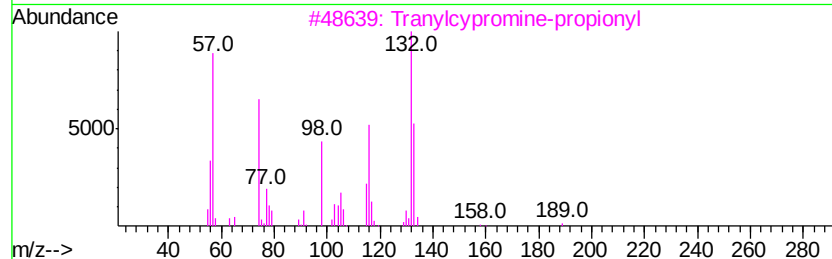
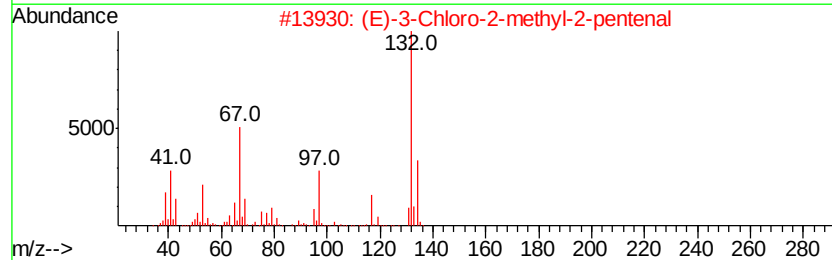
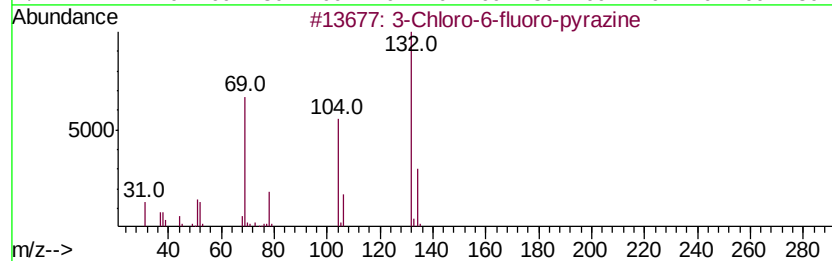
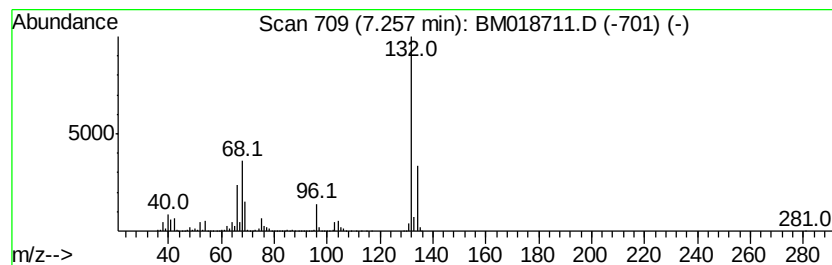
TIC Library : C:\DATABASE\NIST02.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 2 unknown7.26 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.26 | 98.01 ng | 7318570 | 1,4-Dichlorobenzene-d4 | 7.72 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 16   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM020119\  
Data File : BM018711.D  
Acq On : 01 Feb 2019 18:13  
Operator : JU/SJ  
Sample : PB116742BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB116742BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM010919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.87 | 4.0     | ng    | 294964   | 1                     | 7.72 | 1493470 | 20.0 |
| unknown7.26          | 7.26 | 98.0    | ng    | 7318570  | 1                     | 7.72 | 1493470 | 20.0 |