

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\  
 Data File : BM011049.D  
 Acq On : 28 Jul 2017 19:31  
 Operator : SJ/JU  
 Sample : PB101037BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101037BL

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\_M\METHODS\8270-BM072617.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         | 4.010       | 204           | 208         | 214          | rBV      | 173252         | 212519        | 1.58%           | 0.265%        |
| 2         | 4.587       | 301           | 306         | 314          | rBV      | 833957         | 1093898       | 8.12%           | 1.362%        |
| 3         | 5.028       | 374           | 381         | 394          | rBV      | 5353108        | 7032722       | 52.21%          | 8.758%        |
| 4         | 6.587       | 636           | 646         | 657          | rBV      | 5013085        | 7518255       | 55.81%          | 9.363%        |
| 5         | 6.928       | 696           | 704         | 717          | rBV      | 5096788        | 7452739       | 55.33%          | 9.281%        |
| 6         | 7.387       | 773           | 782         | 793          | rBV      | 977119         | 1473668       | 10.94%          | 1.835%        |
| 7         | 7.698       | 828           | 835         | 843          | rBV      | 3836472        | 5861051       | 43.51%          | 7.299%        |
| 8         | 8.534       | 969           | 977         | 985          | rBV      | 3129097        | 4928588       | 36.59%          | 6.138%        |
| 9         | 10.145      | 1242          | 1251        | 1258         | rBV      | 1130778        | 1858185       | 13.79%          | 2.314%        |
| 10        | 12.651      | 1670          | 1677        | 1684         | rBV      | 7501865        | 10765364      | 79.92%          | 13.407%       |
| 11        | 14.045      | 1906          | 1914        | 1924         | rVB2     | 1580466        | 2436750       | 18.09%          | 3.035%        |
| 12        | 15.545      | 2162          | 2169        | 2179         | rBV      | 6771830        | 9255193       | 68.71%          | 11.526%       |
| 13        | 16.798      | 2376          | 2382        | 2391         | rBV      | 2083439        | 2935354       | 21.79%          | 3.656%        |
| 14        | 19.462      | 2829          | 2835        | 2843         | rBV      | 10764268       | 13470648      | 100.00%         | 16.776%       |
| 15        | 21.021      | 3095          | 3100        | 3105         | rBV      | 1969655        | 2450744       | 18.19%          | 3.052%        |
| 16        | 23.133      | 3453          | 3459        | 3467         | rVB2     | 833280         | 1552622       | 11.53%          | 1.934%        |

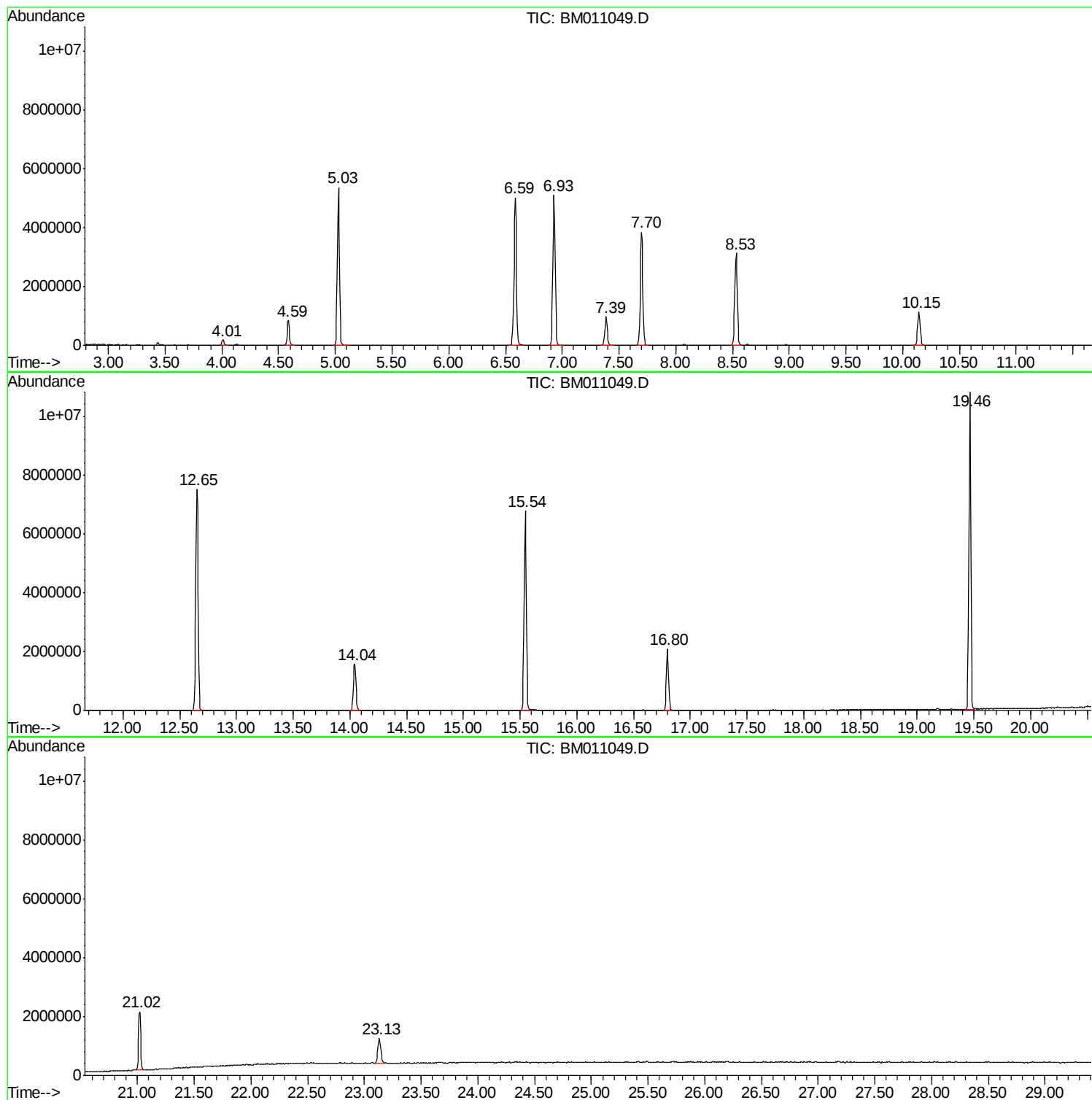
Sum of corrected areas: 80298300

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\  
Data File : BM011049.D  
Acq On : 28 Jul 2017 19:31  
Operator : SJ/JU  
Sample : PB101037BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB101037BL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\  
Data File : BM011049.D  
Acq On : 28 Jul 2017 19:31  
Operator : SJ/JU  
Sample : PB101037BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB101037BL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

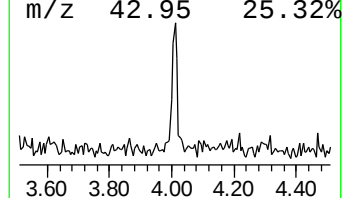
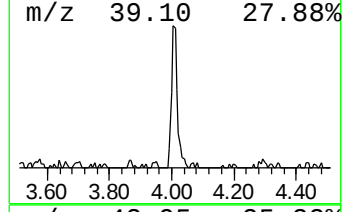
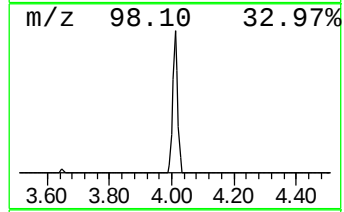
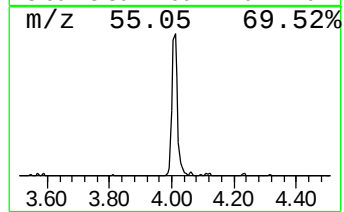
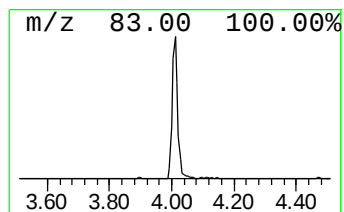
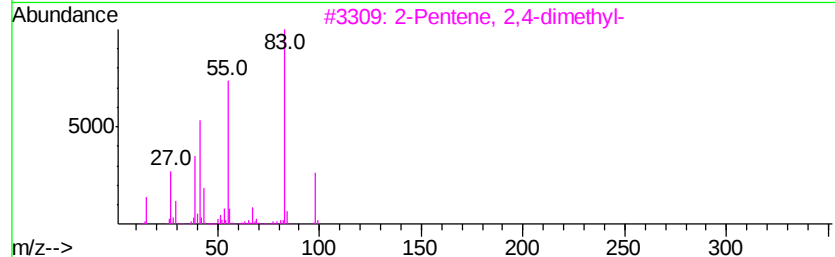
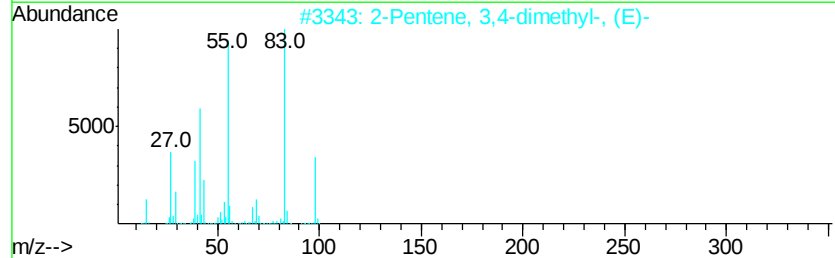
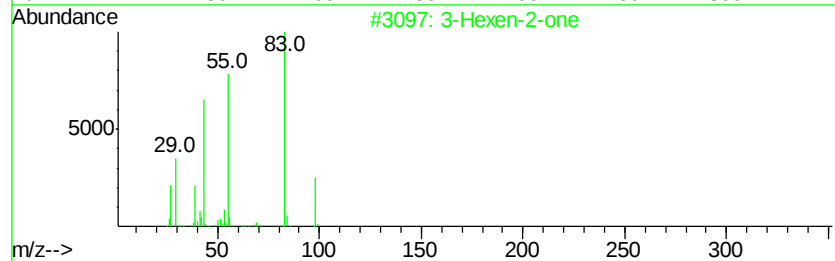
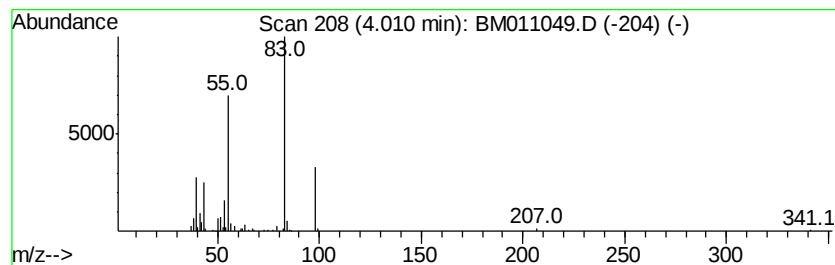
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 3-Hexen-2-one Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.01 | 2.88 ng | 212519 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|--------------------------------|----|---------|-------------|------|
| 1    | 5  | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 87   |
| 2    |    | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 86   |
| 3    |    | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 86   |
| 4    |    | 2-Pentene, 4,4-dimethyl-, (E)- | 98 | C7H14   | 000690-08-4 | 86   |
| 5    |    | Furan, 2-methoxy-              | 98 | C5H6O2  | 025414-22-6 | 78   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\  
Data File : BM011049.D  
Acq On : 28 Jul 2017 19:31  
Operator : SJ/JU  
Sample : PB101037BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB101037BL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

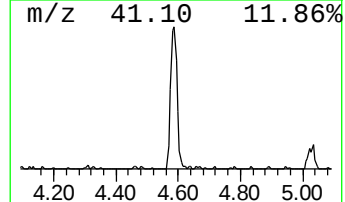
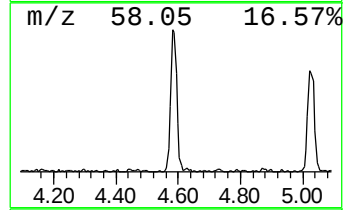
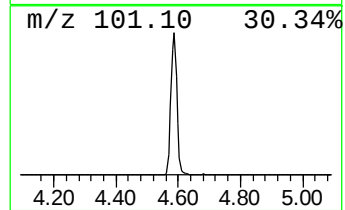
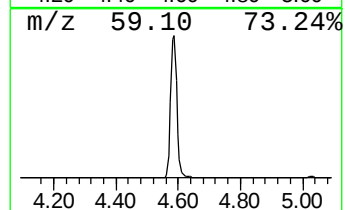
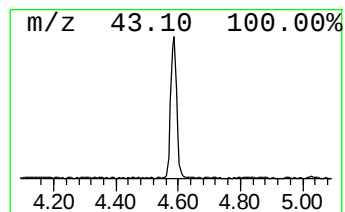
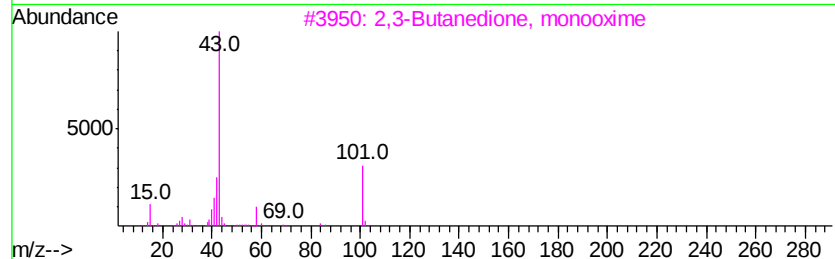
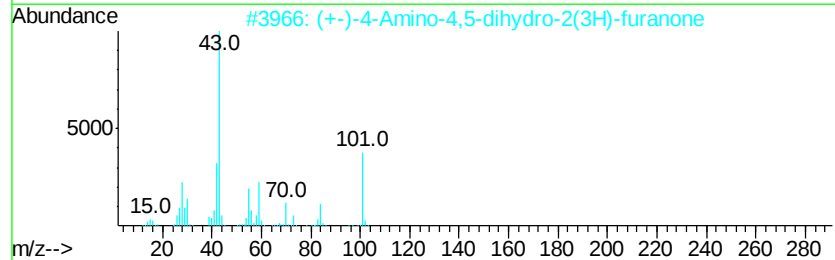
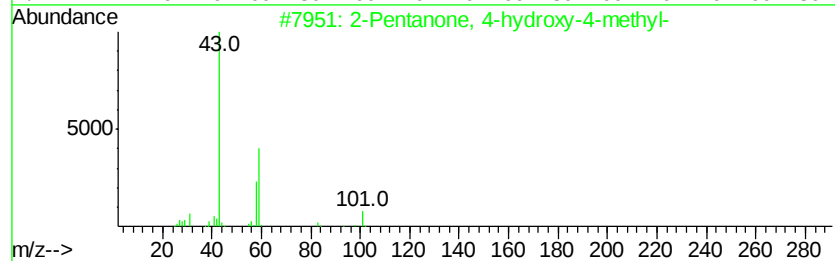
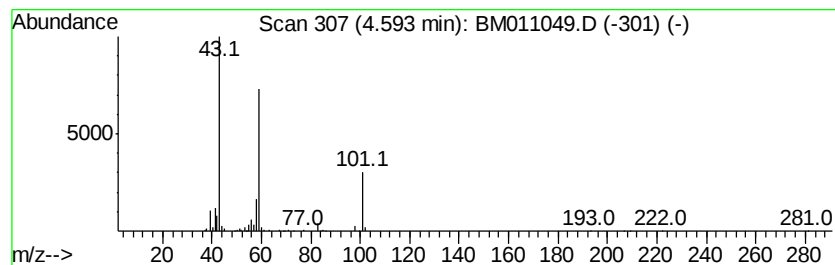
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 4.59 | 14.85 ng | 1093900 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of | Tentative ID                           | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-       | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | (+)-4-Amino-4,5-dihydro-2(3H)-furanone | 101 | C4H7NO2  | 016504-58-8 | 47   |
| 3    |    | 2,3-Butanedione, monooxime             | 101 | C4H7NO2  | 000057-71-6 | 38   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethyl-     | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 5    |    | 4-Methoxy-1-pentene                    | 100 | C6H12O   | 098386-09-5 | 12   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\  
Data File : BM011049.D  
Acq On : 28 Jul 2017 19:31  
Operator : SJ/JU  
Sample : PB101037BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
PB101037BL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

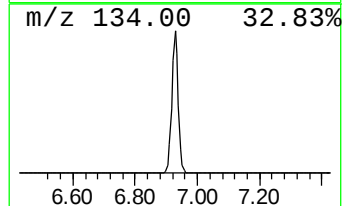
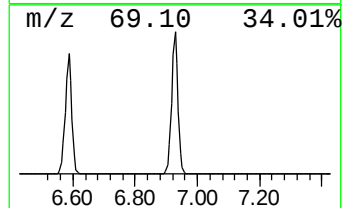
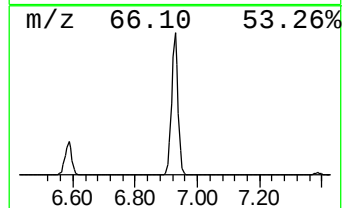
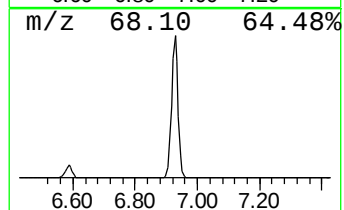
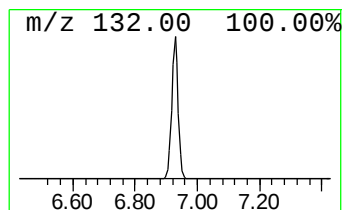
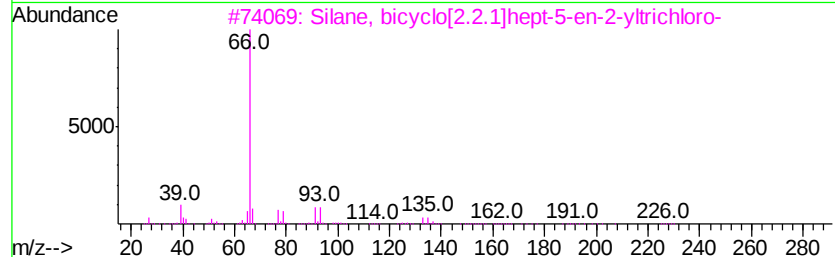
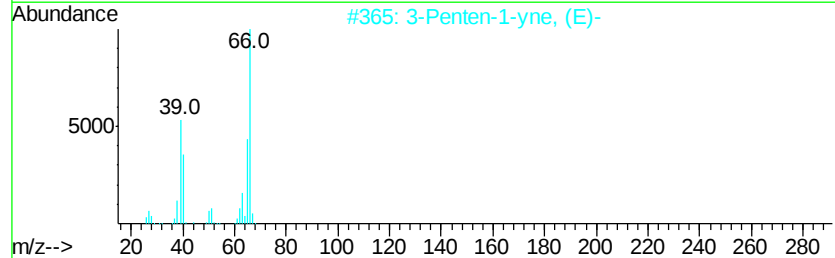
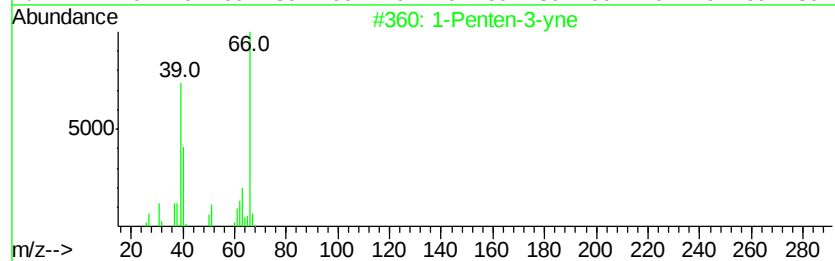
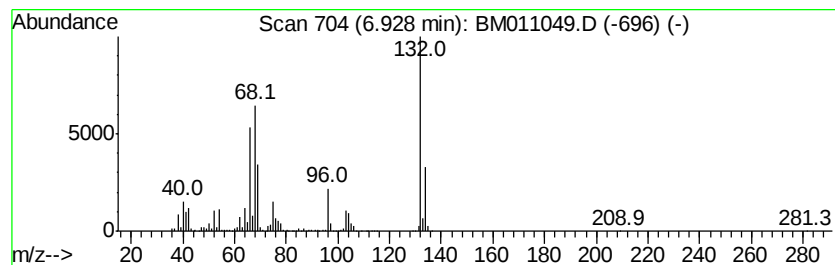
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown6.93 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.93 | 101.15 ng | 7452740 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 1-Penten-3-yne                      | 66  | C5H6      | 000646-05-9 | 38   |
| 2    |    | 3-Penten-1-yne, (E)-                | 66  | C5H6      | 002004-69-5 | 35   |
| 3    |    | Silane, bicyclo[2.2.1]hept-5-en-... | 226 | C7H9Cl3Si | 014319-64-3 | 25   |
| 4    |    | 3-Oxabicyclo[3.2.0]hept-6-ene-2,... | 138 | C7H6O3    | 064197-88-2 | 25   |
| 5    |    | 1,4,4a,8a-Tetrahydro-1,4-methano... | 174 | C11H10O2  | 001200-89-1 | 17   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072817\  
Data File : BM011049.D  
Acq On : 28 Jul 2017 19:31  
Operator : SJ/JU  
Sample : PB101037BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB101037BL

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM072617.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 |
| 3-Hexen-2-one        | 4.01 | 2.9     | ng    | 212519   | 1                     | 7.39 | 1473670 | 20.0 |
| 2-Pentanone, 4-hy... | 4.59 | 14.9    | ng    | 1093900  | 1                     | 7.39 | 1473670 | 20.0 |
| unknown6.93          | 6.93 | 101.2   | ng    | 7452740  | 1                     | 7.39 | 1473670 | 20.0 |