

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060815\  
 Data File : BG017563.D  
 Acq On : 9 Jun 2015 7:12  
 Operator : TP/IZ  
 Sample : G2508-13  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ABSLOPE-3(0-2)

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-BG060315.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         | 2.741       | 5             | 9           | 13           | rBV      | 46938          | 57771         | 4.86%           | 0.788%        |
| 2         | 4.704       | 339           | 343         | 349          | rVB      | 38083          | 49610         | 4.17%           | 0.677%        |
| 3         | 5.197       | 421           | 427         | 434          | rBV      | 350408         | 496894        | 41.79%          | 6.782%        |
| 4         | 6.813       | 695           | 702         | 712          | rBV      | 370198         | 574350        | 48.30%          | 7.839%        |
| 5         | 7.148       | 751           | 759         | 769          | rBV      | 391555         | 591632        | 49.75%          | 8.075%        |
| 6         | 7.600       | 831           | 836         | 843          | rVB2     | 80386          | 122941        | 10.34%          | 1.678%        |
| 7         | 7.923       | 884           | 891         | 900          | rBV      | 273532         | 425077        | 35.75%          | 5.801%        |
| 8         | 8.769       | 1027          | 1035        | 1046         | rBV      | 232101         | 378341        | 31.82%          | 5.164%        |
| 9         | 10.397      | 1305          | 1312        | 1321         | rBV      | 102504         | 167436        | 14.08%          | 2.285%        |
| 10        | 12.888      | 1728          | 1736        | 1747         | rBV      | 522300         | 761701        | 64.06%          | 10.396%       |
| 11        | 13.734      | 1874          | 1880        | 1890         | rBV      | 40956          | 60269         | 5.07%           | 0.823%        |
| 12        | 14.269      | 1963          | 1971        | 1981         | rBV2     | 153317         | 243221        | 20.45%          | 3.319%        |
| 13        | 15.773      | 2219          | 2227        | 2240         | rBV      | 528866         | 749038        | 62.99%          | 10.223%       |
| 14        | 15.990      | 2260          | 2264        | 2271         | rBV2     | 10921          | 19344         | 1.63%           | 0.264%        |
| 15        | 16.784      | 2394          | 2399        | 2404         | rBV2     | 8674           | 13798         | 1.16%           | 0.188%        |
| 16        | 17.024      | 2434          | 2440        | 2445         | rBV2     | 200735         | 289075        | 24.31%          | 3.945%        |
| 17        | 17.929      | 2589          | 2594        | 2600         | rBV2     | 33972          | 50359         | 4.24%           | 0.687%        |
| 18        | 19.216      | 2809          | 2813        | 2817         | rBV7     | 11709          | 18370         | 1.54%           | 0.251%        |
| 19        | 19.363      | 2834          | 2838        | 2841         | rBV2     | 15551          | 19287         | 1.62%           | 0.263%        |
| 20        | 19.475      | 2854          | 2857        | 2862         | rVB3     | 11530          | 13991         | 1.18%           | 0.191%        |
| 21        | 19.663      | 2883          | 2889        | 2895         | rBV      | 1012295        | 1189108       | 100.00%         | 16.229%       |
| 22        | 20.356      | 3004          | 3007        | 3012         | rVB      | 129434         | 152311        | 12.81%          | 2.079%        |
| 23        | 20.409      | 3012          | 3016        | 3019         | rVB4     | 14108          | 17893         | 1.50%           | 0.244%        |
| 24        | 20.467      | 3023          | 3026        | 3030         | rVB5     | 11468          | 12226         | 1.03%           | 0.167%        |
| 25        | 20.926      | 3100          | 3104        | 3112         | rBV2     | 91527          | 129618        | 10.90%          | 1.769%        |
| 26        | 21.220      | 3148          | 3154        | 3159         | rBV      | 272476         | 354713        | 29.83%          | 4.841%        |
| 27        | 21.366      | 3176          | 3179        | 3184         | rVB6     | 19079          | 22956         | 1.93%           | 0.313%        |
| 28        | 23.446      | 3527          | 3533        | 3544         | rVB      | 172965         | 345764        | 29.08%          | 4.719%        |

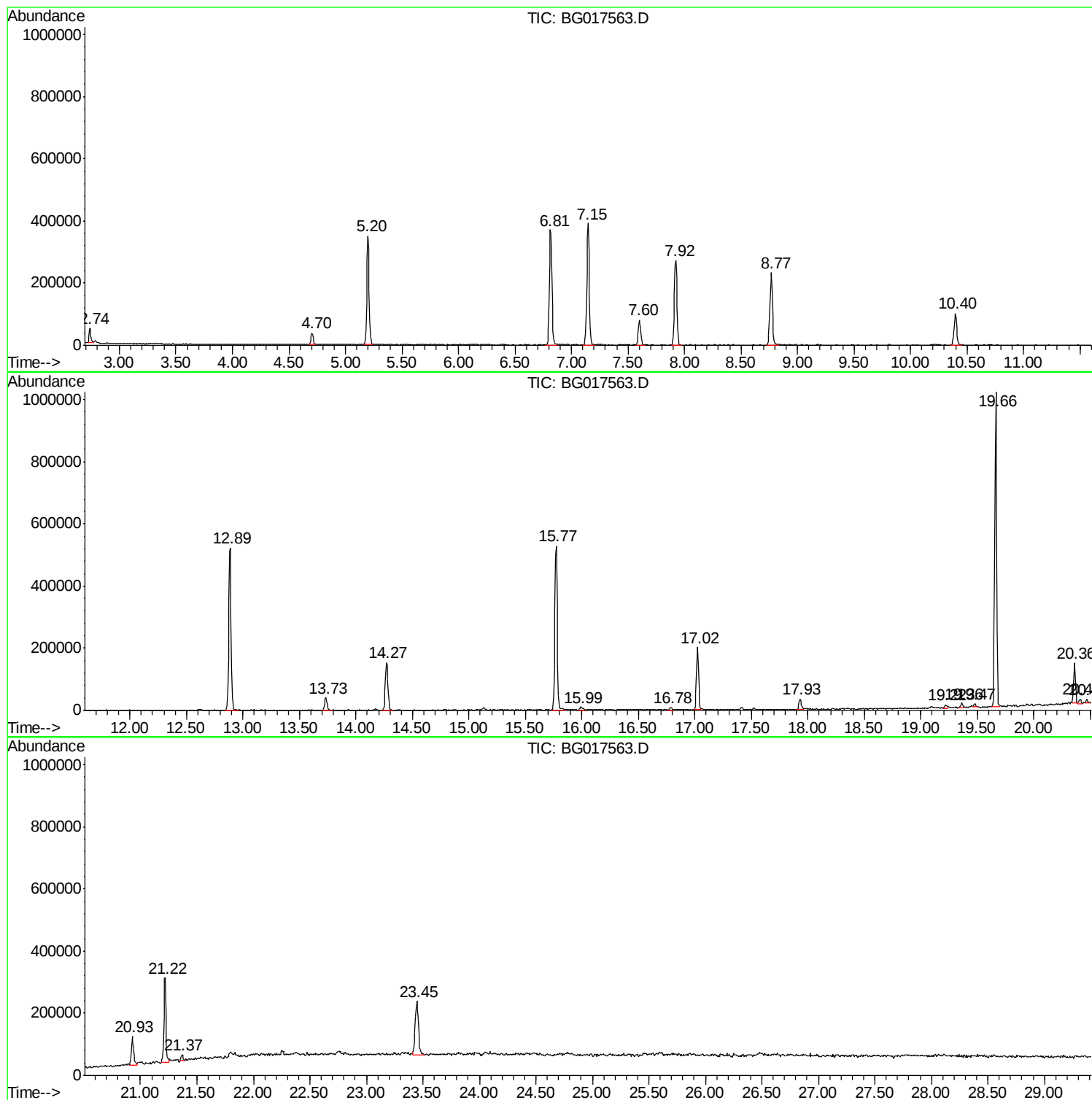
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ALS Vial : 23 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
ABSLOPE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.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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ClientSampleId :  
ABSLOPE-3(0-2)

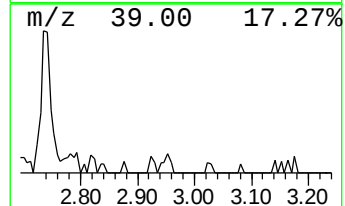
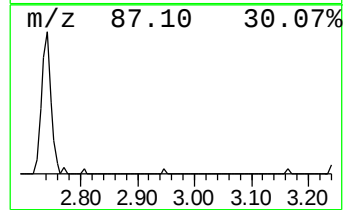
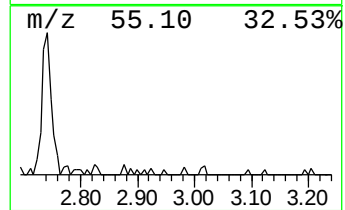
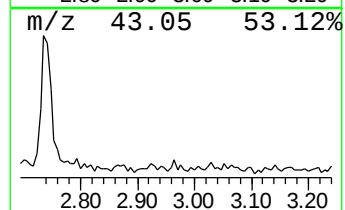
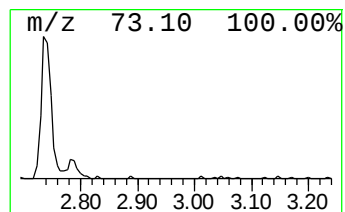
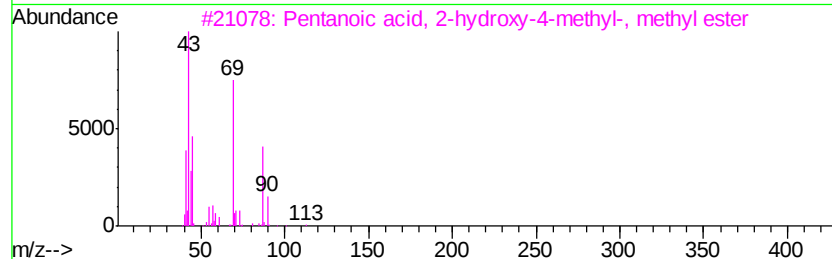
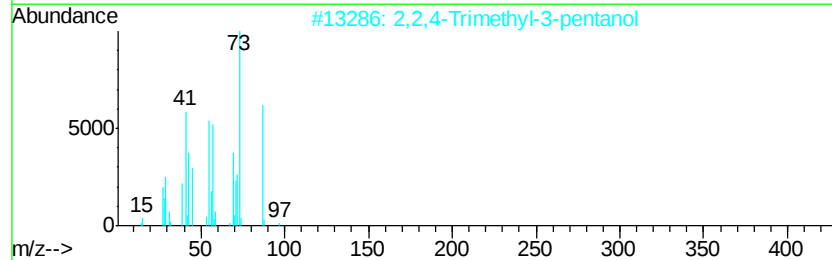
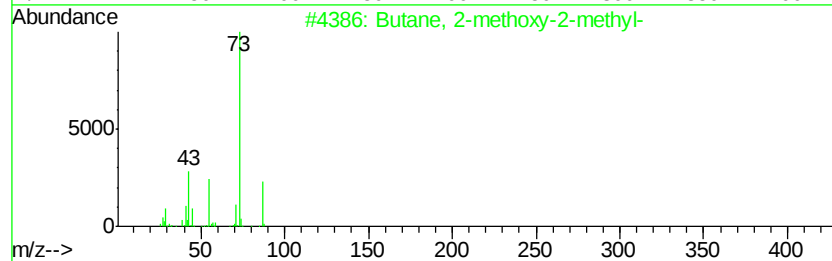
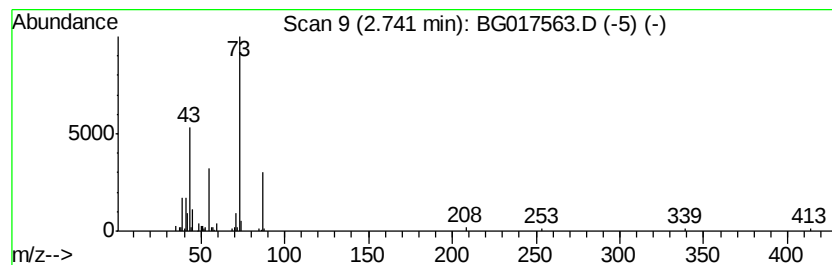
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 2.74 | 9.40 ng | 57771 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O   | 000994-05-8 | 50   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol          | 130 | C8H18O   | 005162-48-1 | 39   |
| 3    |    |   | Pentanoic acid, 2-hydroxy-4-meth... | 146 | C7H14O3  | 040348-72-9 | 23   |
| 4    |    |   | Butanoic acid, 2-hydroxy-2-methy... | 132 | C6H12O3  | 032793-34-3 | 12   |
| 5    |    |   | Lup-20(29)-ene-3,21,28-triol, 28... | 500 | C32H52O4 | 055401-94-0 | 10   |



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ClientSampleId :  
ABSLOPE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

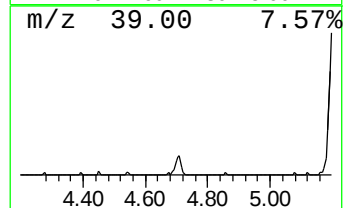
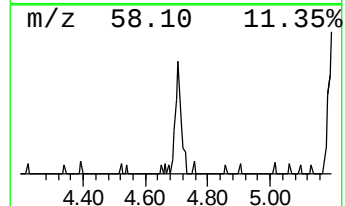
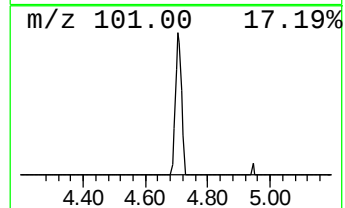
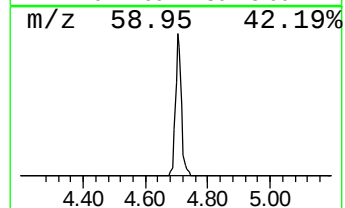
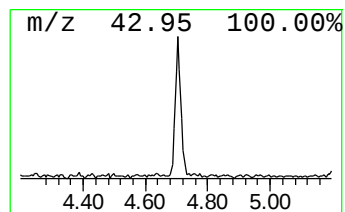
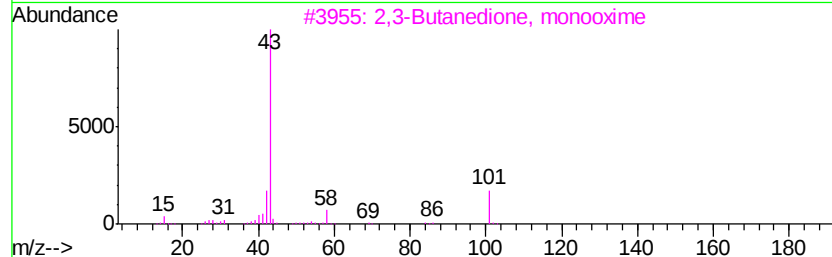
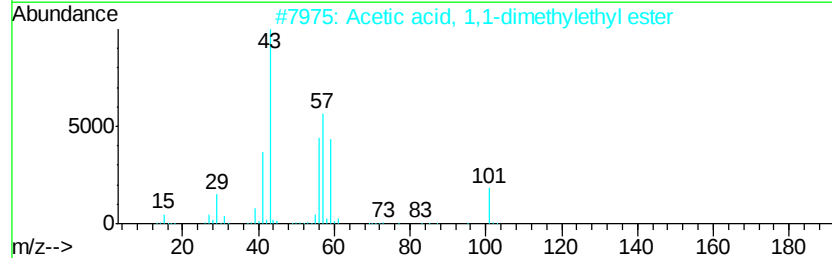
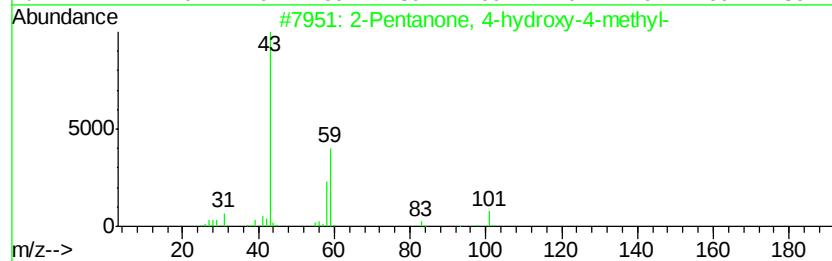
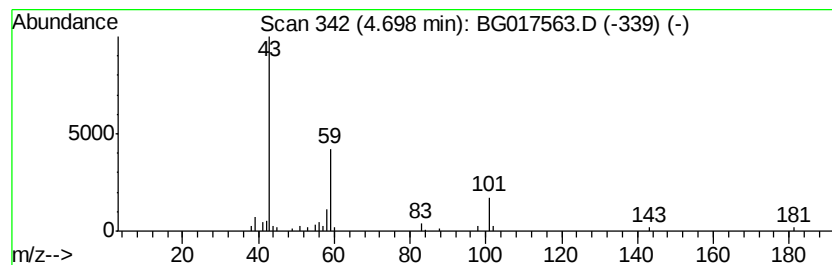
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.70 | 8.07 ng | 49610 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 42   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 38   |
| 3    |    | 2,3-Butanedione, monooxime          | 101 | C4H7N02  | 000057-71-6 | 25   |
| 4    |    | Acetamide, N-(aminocarbonyl)-       | 102 | C3H6N2O2 | 000591-07-1 | 9    |
| 5    |    | 2-Propanone, 1-chloro-              | 92  | C3H5ClO  | 000078-95-5 | 9    |



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Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ABSLOPE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

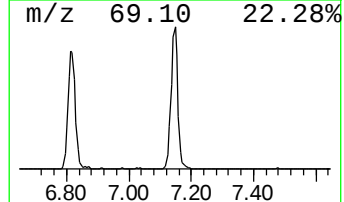
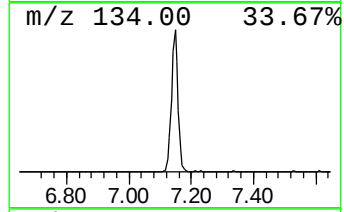
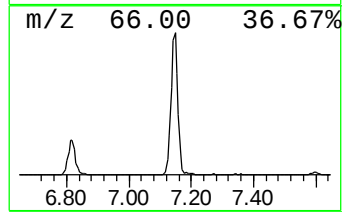
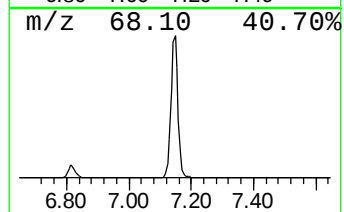
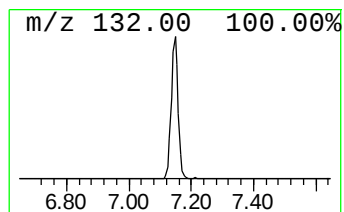
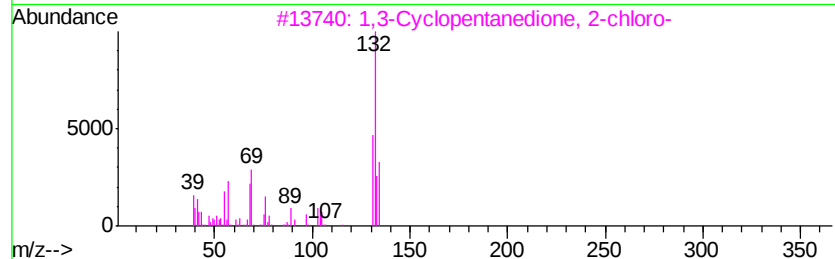
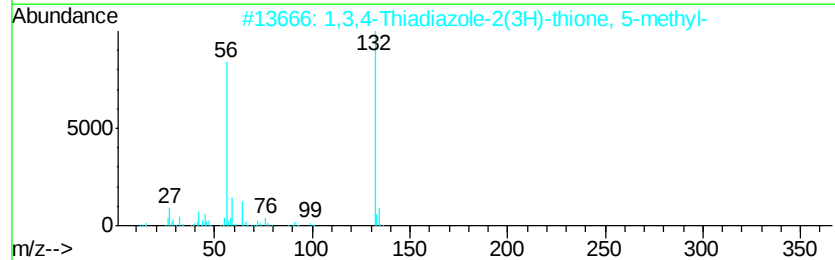
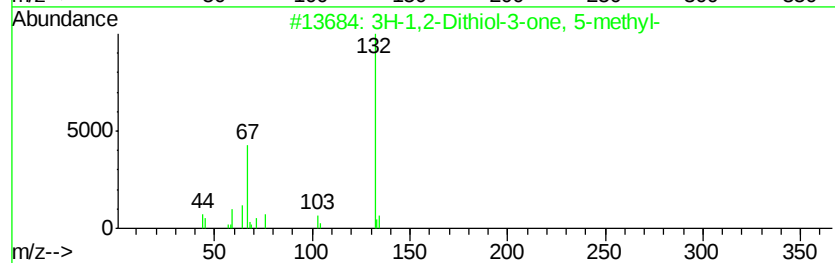
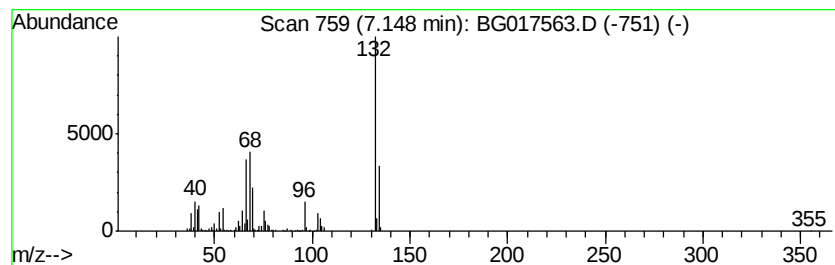
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.15 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.15 | 96.25 ng | 591632 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3H-1,2-Dithiol-3-one, 5-methyl-     | 132 | C4H4OS2   | 003620-08-4  | 27   |
| 2    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 27   |
| 3    |    | 1,3-Cyclopentanedione, 2-chloro-    | 132 | C5H5ClO2  | 014203-19-1  | 17   |
| 4    |    | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 5    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |



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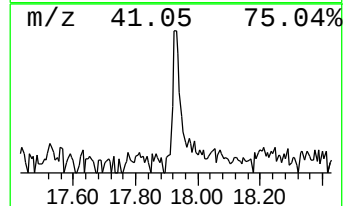
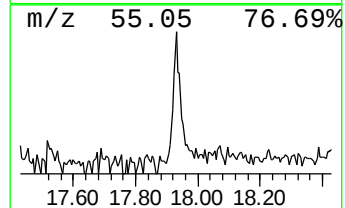
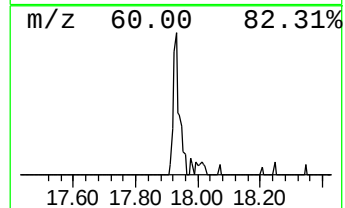
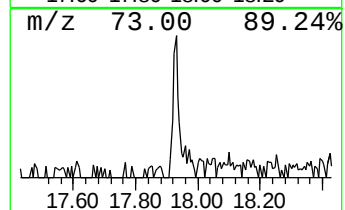
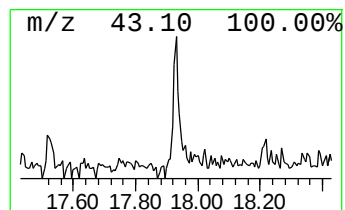
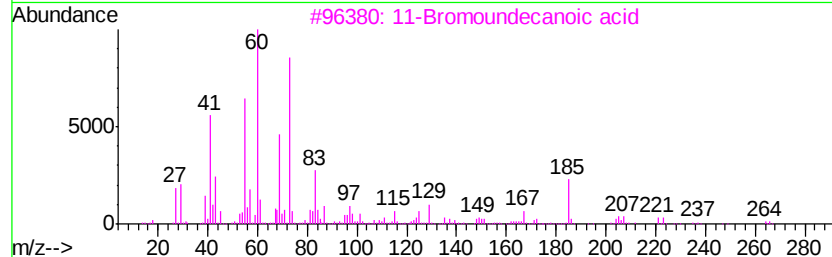
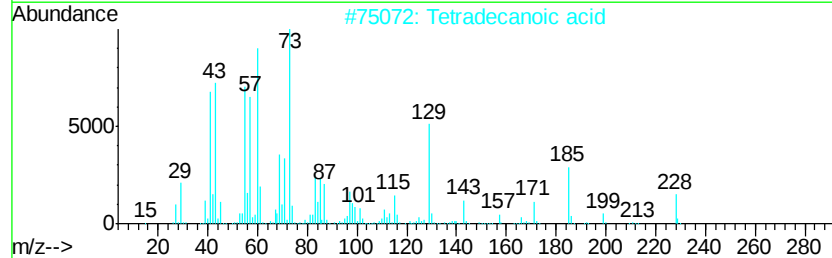
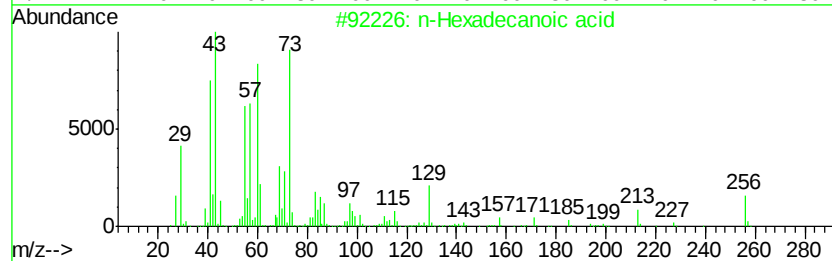
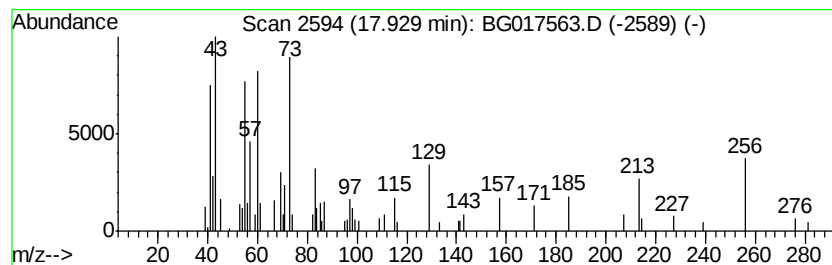
Instrument :  
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ClientSampleId :  
ABSLOPE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

| R.T.      | EstConc                 | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|-------|------------------|-------------|------|
| 17.93     | 3.48 ng                 | 50359 | Phenanthrene-d10 | 17.02       |      |
| Hit# of 5 | Tentative ID            | MW    | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid     | 256   | C16H32O2         | 000057-10-3 | 89   |
| 2         | Tetradecanoic acid      | 228   | C14H28O2         | 000544-63-8 | 62   |
| 3         | 11-Bromoundecanoic acid | 264   | C11H21BrO2       | 002834-05-1 | 47   |
| 4         | n-Decanoic acid         | 172   | C10H20O2         | 000334-48-5 | 47   |
| 5         | Pentadecanoic acid      | 242   | C15H30O2         | 001002-84-2 | 47   |



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ABSLOPE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

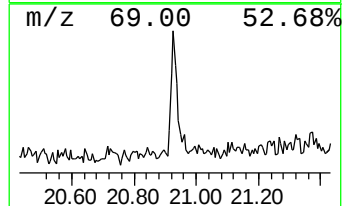
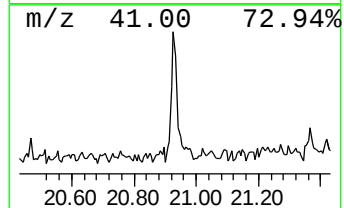
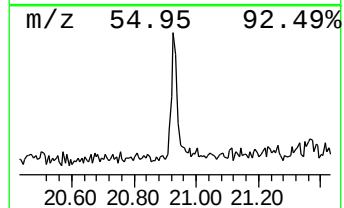
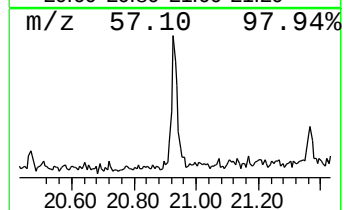
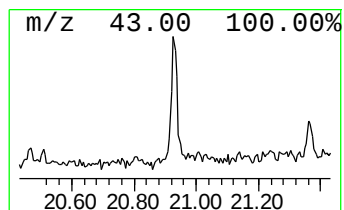
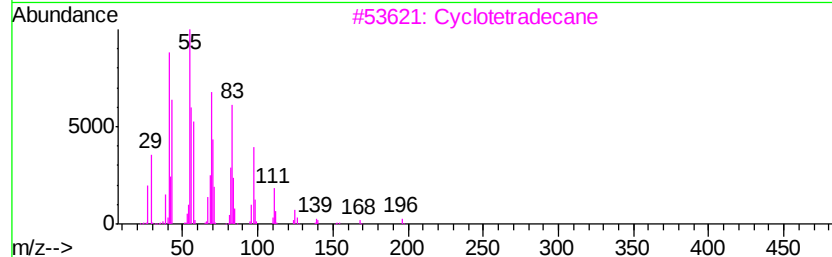
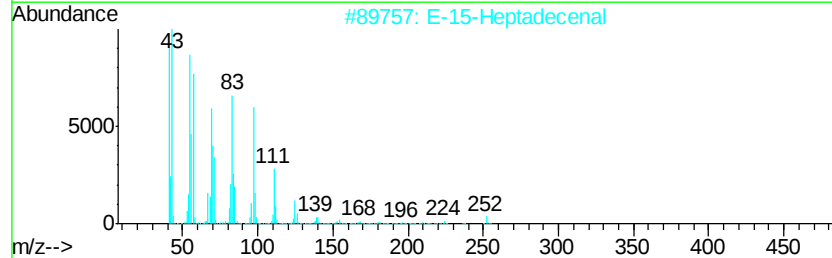
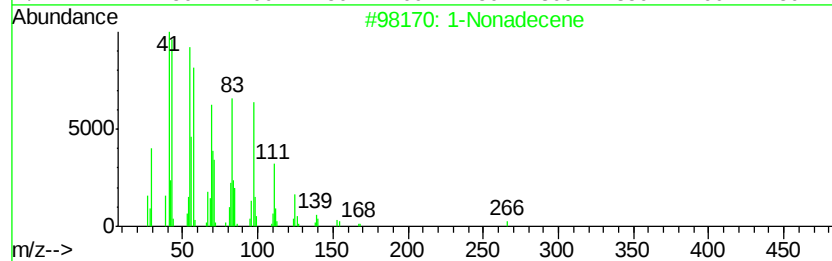
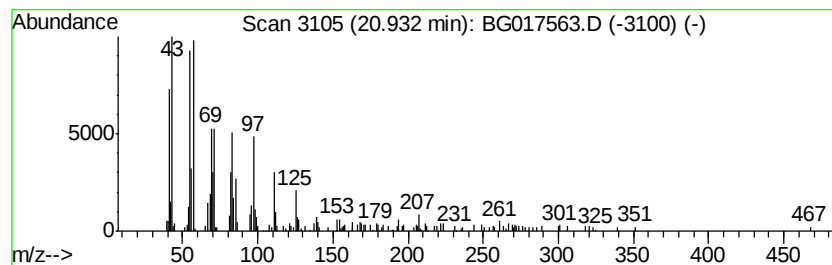
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 1-Nonadecene Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.93 | 7.31 ng | 129618 | Chrysene-d12     | 21.22 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5  | 96   |
| 2    |    | E-15-Heptadecenal                   | 252 | C17H32O    | 1000130-97-9 | 93   |
| 3    |    | Cyclotetradecane                    | 196 | C14H28     | 000295-17-0  | 86   |
| 4    |    | E-7-Octadecene                      | 252 | C18H36     | 1000130-92-0 | 86   |
| 5    |    | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2 | 079392-43-1  | 81   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060815\  
Data File : BG017563.D  
Acq On : 9 Jun 2015 7:12  
Operator : TP/IZ  
Sample : G2508-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ABSLOPE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.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 |
| Butane, 2-methoxy... | 2.74  | 9.4     | ng    | 57771    | 1                     | 7.60  | 122941 | 20.0 |
| 2-Pentanone, 4-hy... | 4.70  | 8.1     | ng    | 49610    | 1                     | 7.60  | 122941 | 20.0 |
| unknown7.15          | 7.15  | 96.3    | ng    | 591632   | 1                     | 7.60  | 122941 | 20.0 |
| n-Hexadecanoic acid  | 17.93 | 3.5     | ng    | 50359    | 4                     | 17.02 | 289075 | 20.0 |
| 1-Nonadecene         | 20.93 | 7.3     | ng    | 129618   | 5                     | 21.22 | 354713 | 20.0 |