

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060615\  
 Data File : BG017527.D  
 Acq On : 7 Jun 2015 10:31  
 Operator : TP/IZ  
 Sample : G2552-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SW-032

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\_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         | 2.759       | 9             | 12          | 17           | rVB      | 51311          | 67641         | 4.24%           | 0.796%        |
| 2         | 2.806       | 17            | 20          | 29           | rVB4     | 12893          | 20276         | 1.27%           | 0.239%        |
| 3         | 4.721       | 340           | 346         | 351          | rBV      | 44348          | 63160         | 3.96%           | 0.743%        |
| 4         | 5.215       | 424           | 430         | 446          | rBV      | 414210         | 597619        | 37.49%          | 7.034%        |
| 5         | 6.831       | 699           | 705         | 716          | rBV      | 455728         | 725660        | 45.53%          | 8.542%        |
| 6         | 7.165       | 755           | 762         | 771          | rBV      | 448696         | 689158        | 43.24%          | 8.112%        |
| 7         | 7.618       | 833           | 839         | 846          | rBV2     | 71852          | 111925        | 7.02%           | 1.317%        |
| 8         | 7.941       | 887           | 894         | 904          | rVB      | 305485         | 494401        | 31.02%          | 5.819%        |
| 9         | 8.781       | 1031          | 1037        | 1046         | rBV      | 271187         | 455542        | 28.58%          | 5.362%        |
| 10        | 10.415      | 1309          | 1315        | 1324         | rBV      | 89954          | 150700        | 9.45%           | 1.774%        |
| 11        | 12.906      | 1732          | 1739        | 1751         | rBV      | 764722         | 1084590       | 68.05%          | 12.766%       |
| 12        | 13.752      | 1875          | 1883        | 1892         | rBV2     | 43020          | 74505         | 4.67%           | 0.877%        |
| 13        | 14.292      | 1969          | 1975        | 1982         | rVB      | 153571         | 235778        | 14.79%          | 2.775%        |
| 14        | 15.791      | 2224          | 2230        | 2244         | rBV      | 717344         | 997592        | 62.59%          | 11.742%       |
| 15        | 17.042      | 2437          | 2443        | 2449         | rBV2     | 210917         | 292012        | 18.32%          | 3.437%        |
| 16        | 17.953      | 2591          | 2598        | 2605         | rBV5     | 20564          | 35709         | 2.24%           | 0.420%        |
| 17        | 19.686      | 2887          | 2893        | 2902         | rVB      | 1302411        | 1593913       | 100.00%         | 18.761%       |
| 18        | 20.949      | 3104          | 3108        | 3115         | rBV2     | 71975          | 95422         | 5.99%           | 1.123%        |
| 19        | 21.237      | 3151          | 3157        | 3162         | rBV      | 268963         | 343017        | 21.52%          | 4.038%        |
| 20        | 22.406      | 3351          | 3356        | 3362         | rVB4     | 26371          | 42131         | 2.64%           | 0.496%        |
| 21        | 23.476      | 3531          | 3538        | 3544         | rBV      | 184531         | 324921        | 20.39%          | 3.825%        |

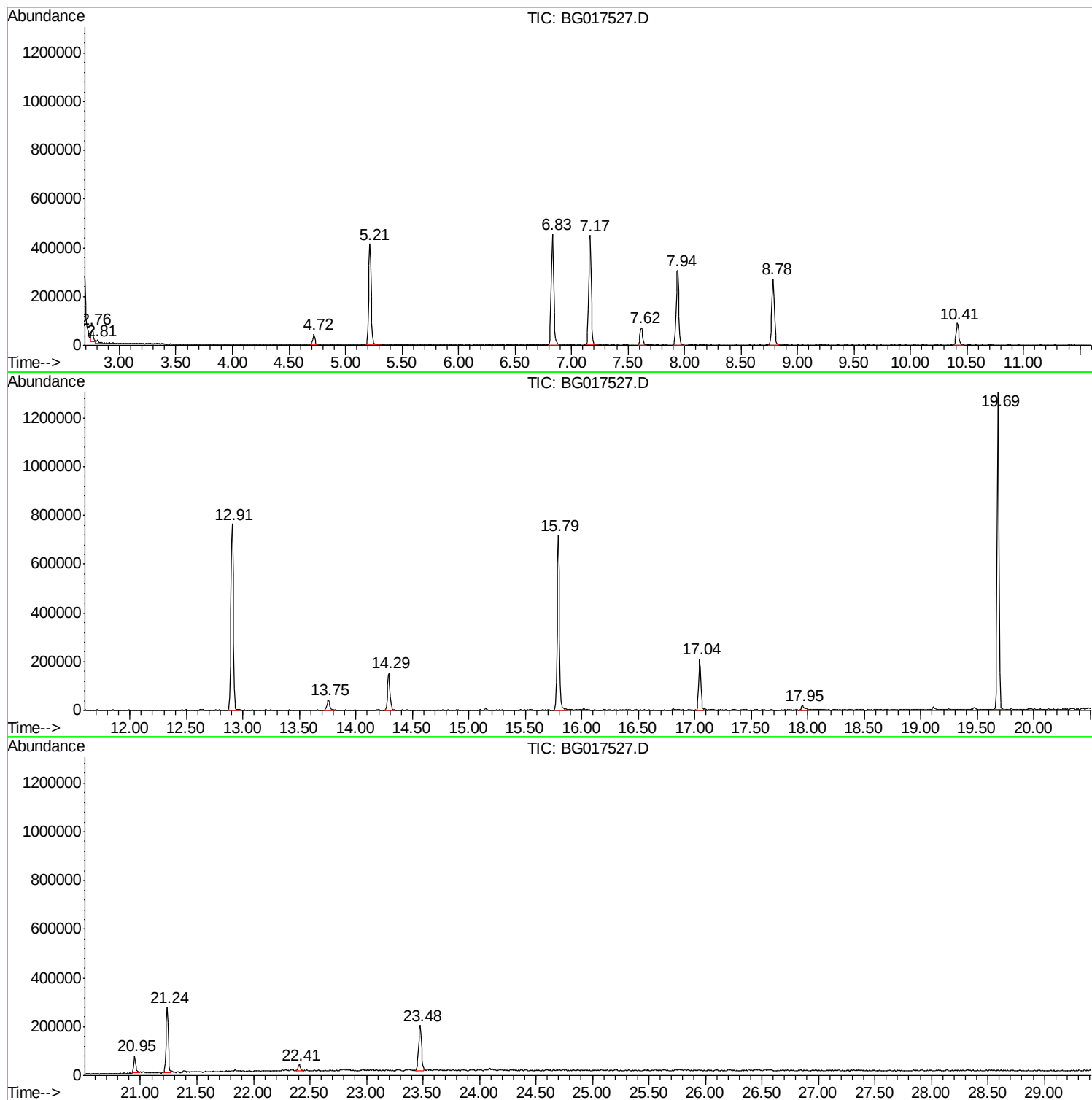
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Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060615\  
Data File : BG017527.D  
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Operator : TP/IZ  
Sample : G2552-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SW-032

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



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060615\  
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Sample : G2552-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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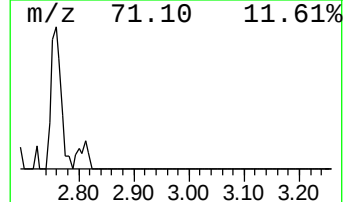
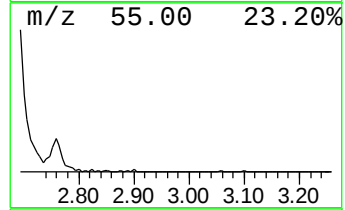
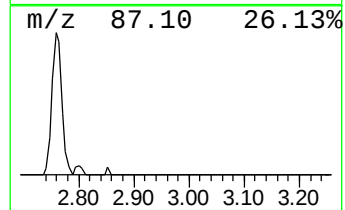
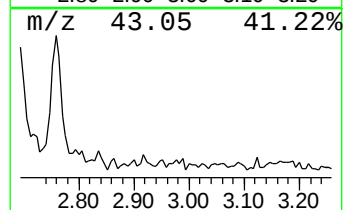
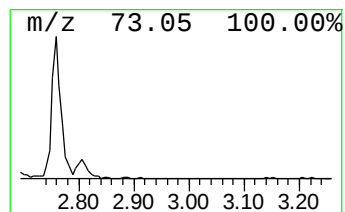
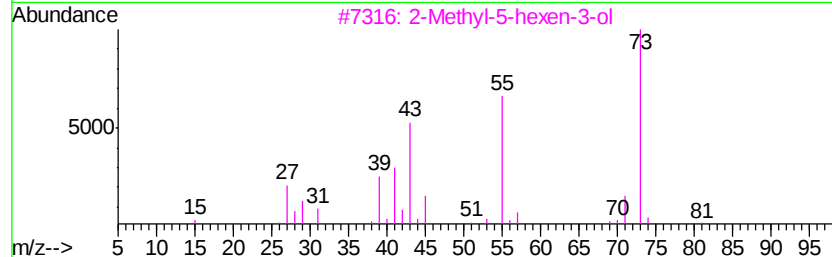
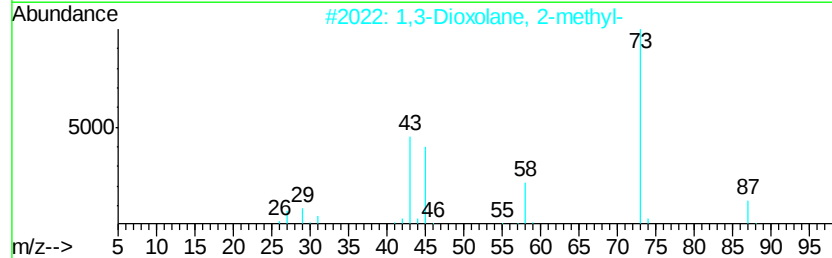
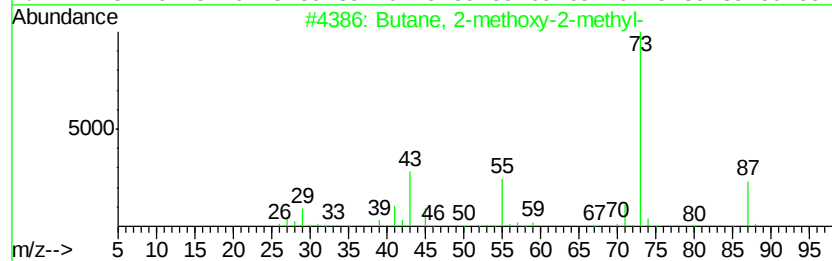
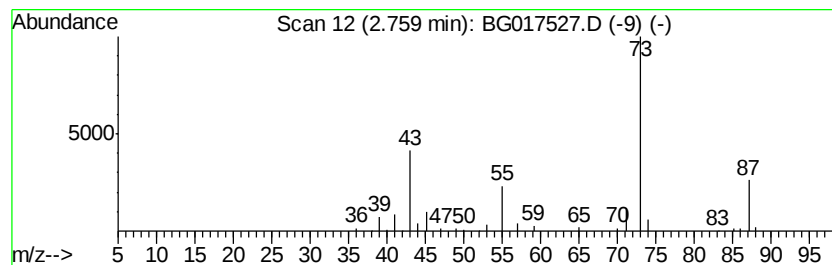
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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. |
|------|----------|-------|------------------------|------|
| 2.76 | 12.09 ng | 67641 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 38   |
| 3    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 25   |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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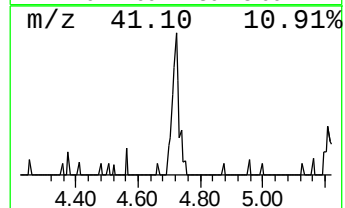
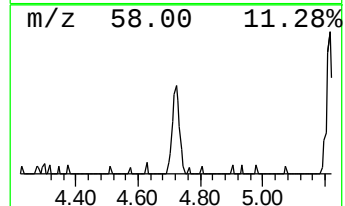
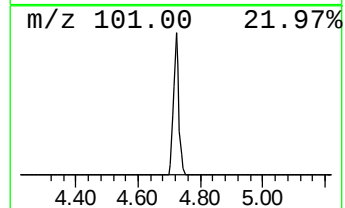
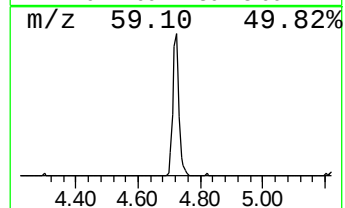
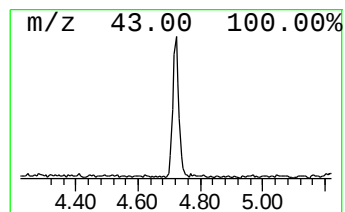
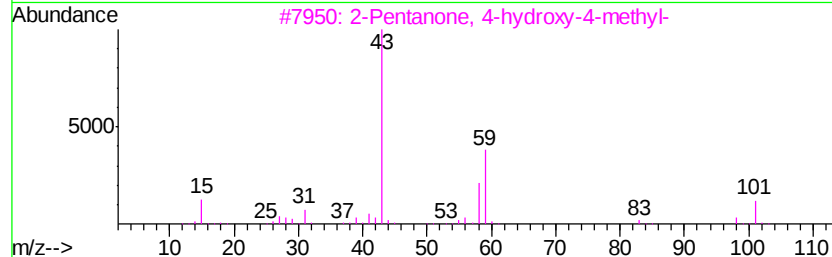
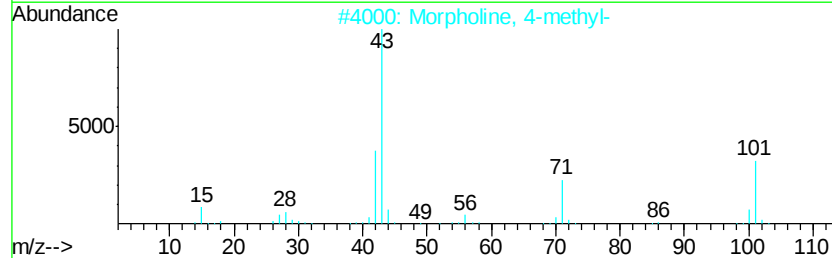
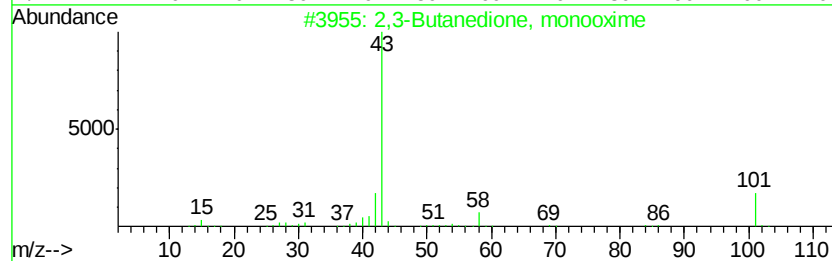
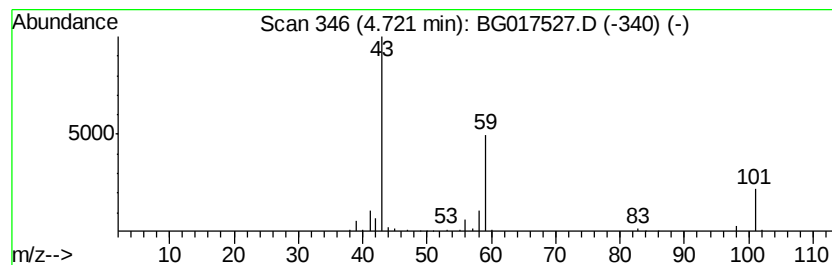
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown4.72 Concentration Rank 4

| R.T. | EstConc  | Area  | Relative to ISTD       | R.T. |
|------|----------|-------|------------------------|------|
| 4.72 | 11.29 ng | 63160 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 35   |
| 2    |    | Morpholine, 4-methyl-            | 101 | C5H11NO | 000109-02-4 | 9    |
| 3    |    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 9    |
| 4    |    | Methanecarbothiolic acid         | 76  | C2H4OS  | 000507-09-5 | 9    |
| 5    |    | 2-Pentanone                      | 86  | C5H10O  | 000107-87-9 | 9    |



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ALS Vial : 22 Sample Multiplier: 1

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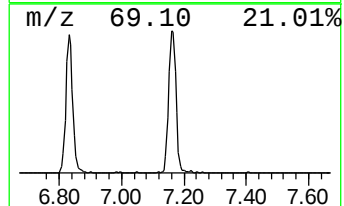
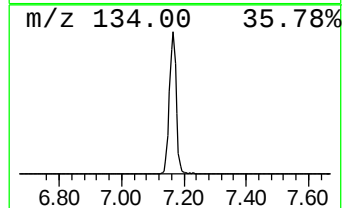
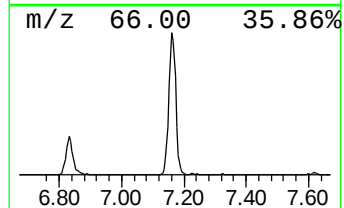
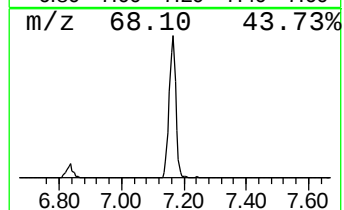
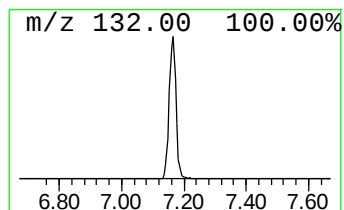
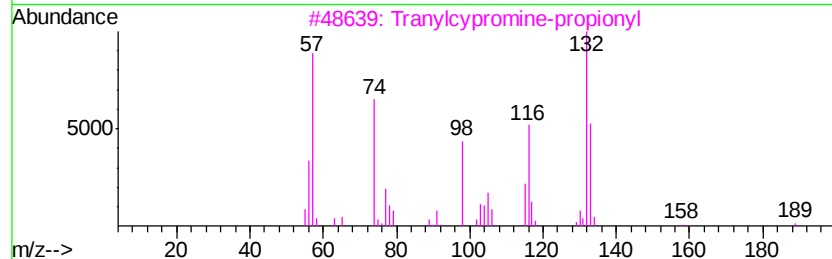
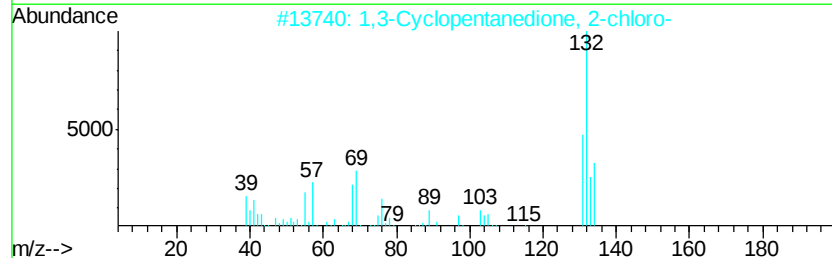
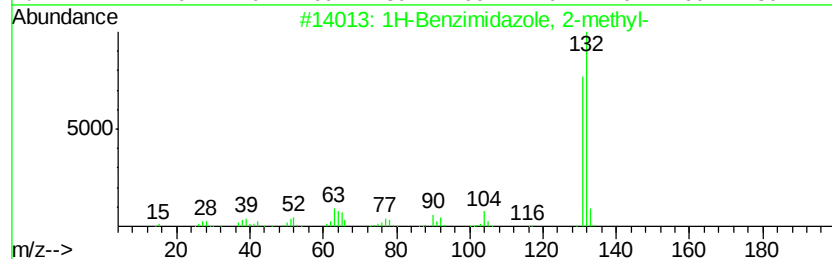
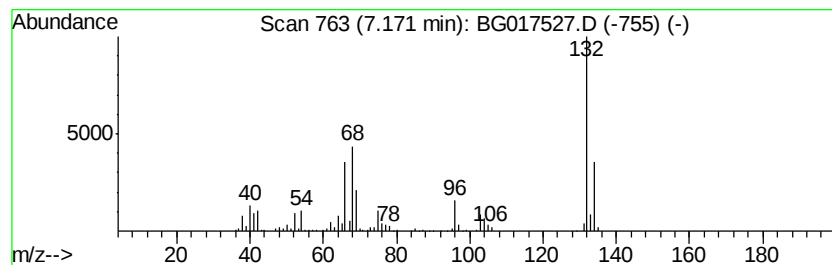
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 unknown7.17 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 7.17 | 123.15 ng | 689158 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 27   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 25   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 4    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 5    |    | 3H-1,2-Dithiol-3-one, 5-methyl-  | 132 | C4H4OS2   | 003620-08-4  | 12   |



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ClientSampleId :  
SW-032

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

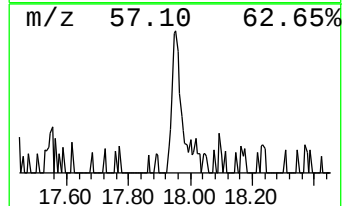
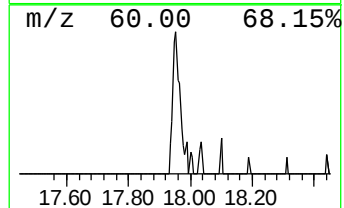
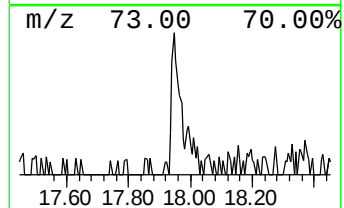
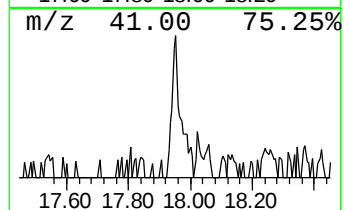
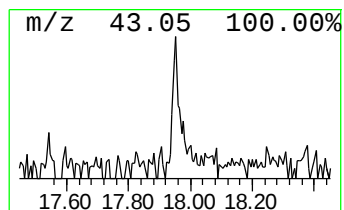
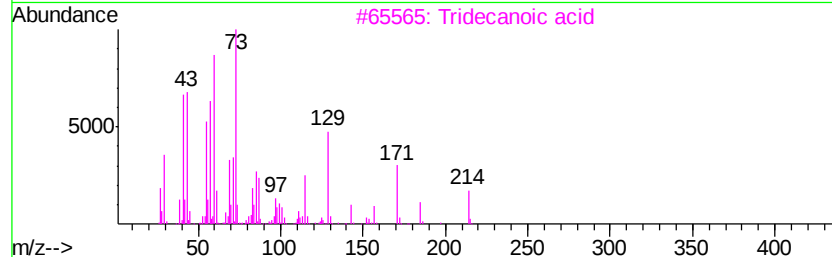
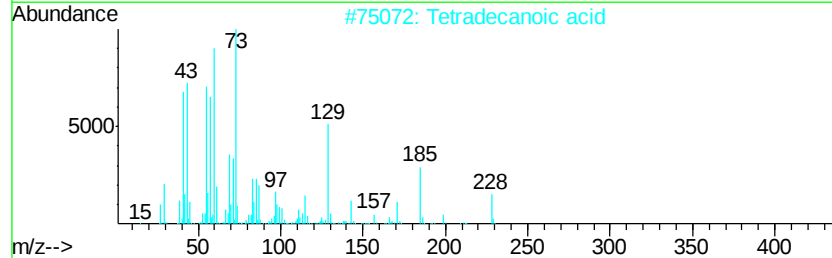
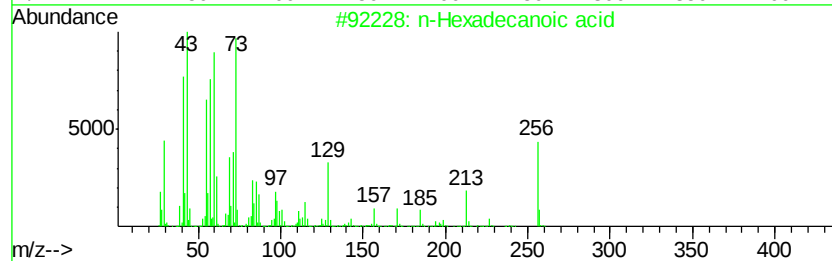
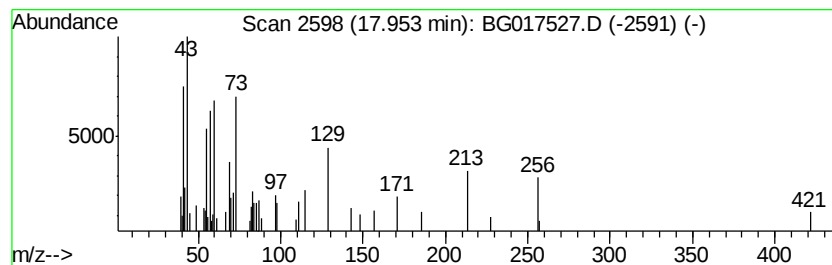
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown17.95 Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 17.95 | 2.45 ng | 35709 | Phenanthrene-d10 | 17.04 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|---------|---|-------------------------------------|-----|----------|-------------|------|
| 1       |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 46   |
| 2       |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 38   |
| 3       |   | Tridecanoic acid                    | 214 | C13H26O2 | 000638-53-9 | 35   |
| 4       |   | n-Decanoic acid                     | 172 | C10H20O2 | 000334-48-5 | 27   |
| 5       |   | l-(+)-Ascorbic acid 2,6-dihexade... | 652 | C38H68O8 | 028474-90-0 | 22   |



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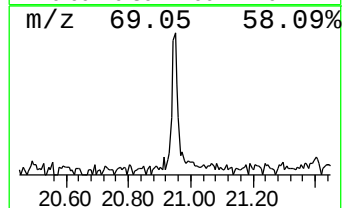
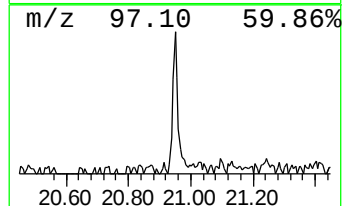
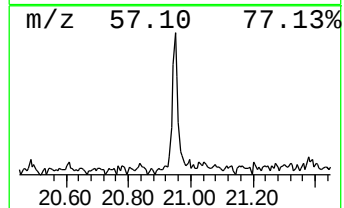
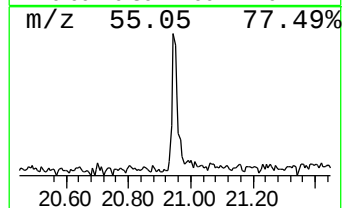
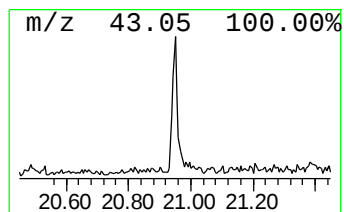
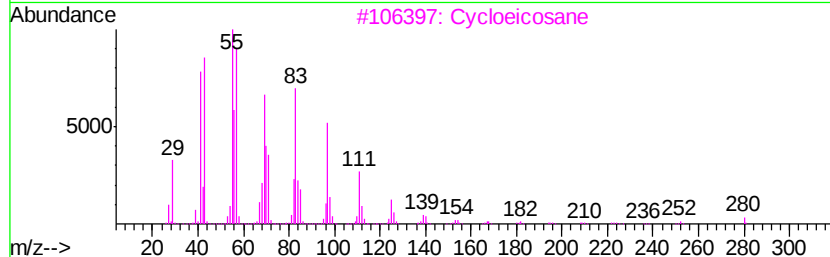
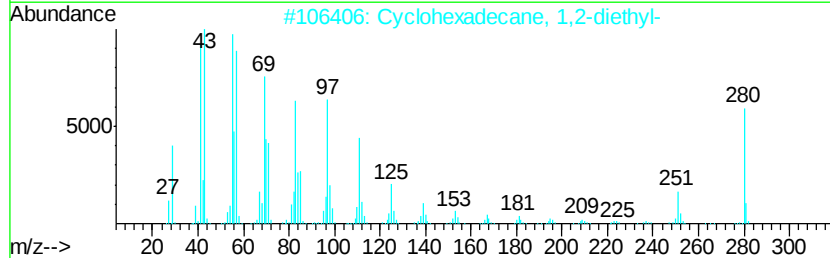
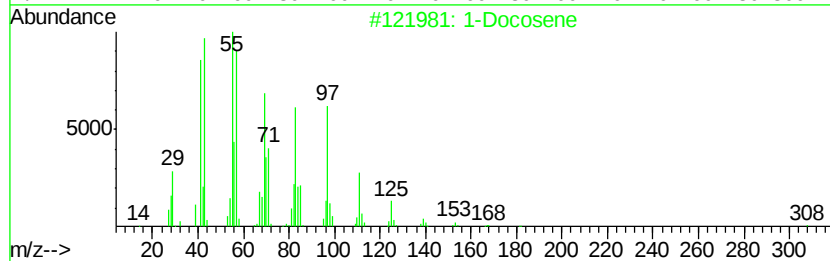
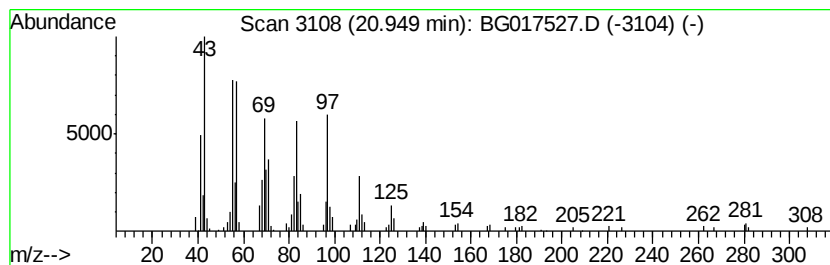
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 1-Docosene Concentration Rank 5

| R.T.      | EstConc                       | Area  | Relative to ISTD |              | R.T.  |
|-----------|-------------------------------|-------|------------------|--------------|-------|
| 20.95     | 5.56 ng                       | 95422 | Chrysene-d12     |              | 21.24 |
| Hit# of 5 | Tentative ID                  | MW    | MolForm          | CAS#         | Qual  |
| 1         | 1-Docosene                    | 308   | C22H44           | 001599-67-3  | 98    |
| 2         | Cyclohexadecane, 1,2-diethyl- | 280   | C20H40           | 1000155-85-3 | 93    |
| 3         | Cycloeicosane                 | 280   | C20H40           | 000296-56-0  | 92    |
| 4         | 1-Eicosene                    | 280   | C20H40           | 003452-07-1  | 87    |
| 5         | 3-Eicosene, (E)-              | 280   | C20H40           | 074685-33-9  | 83    |



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Sample : G2552-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SW-032

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

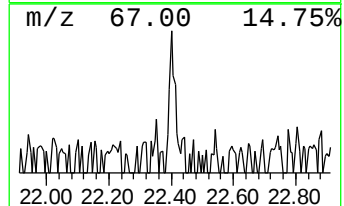
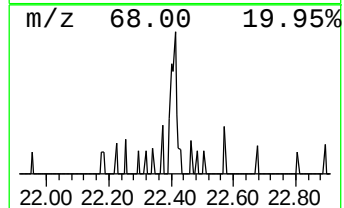
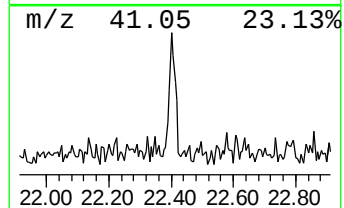
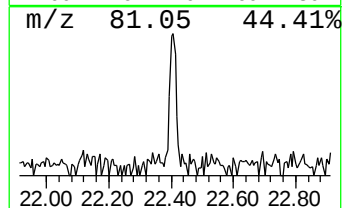
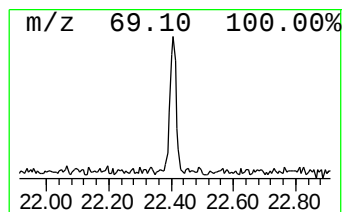
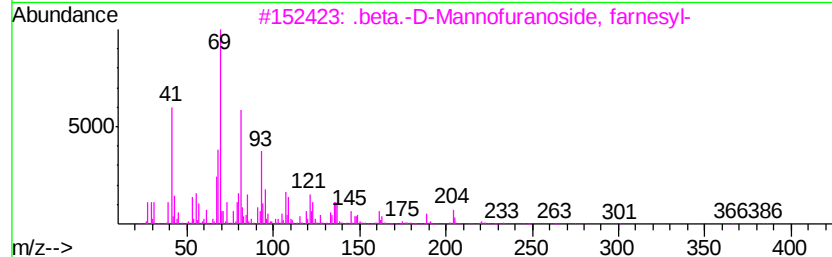
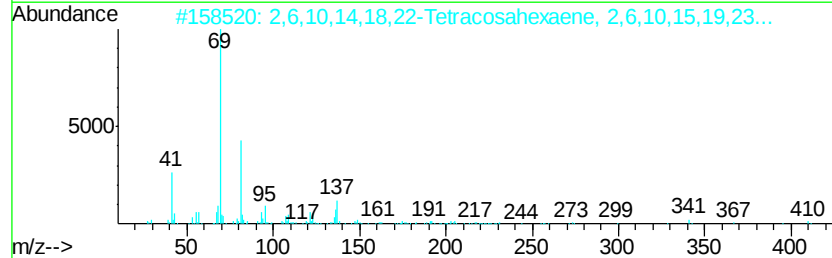
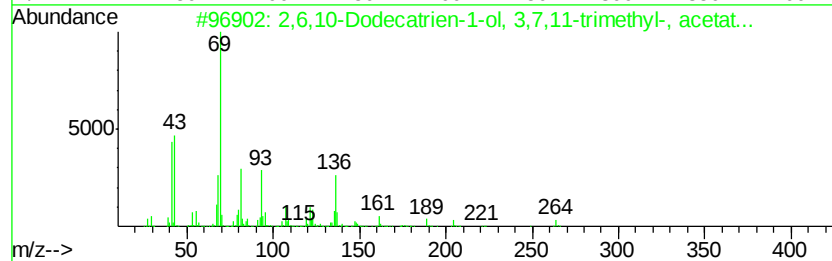
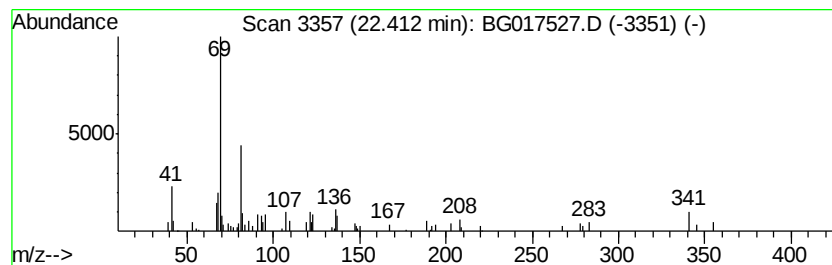
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 22.41 | 2.59 ng | 42131 | Perylene-d12     | 23.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 264 | C17H28O2 | 004128-17-0  | 72   |
| 2    |    | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50   | 000111-02-4  | 59   |
| 3    |    | .beta.-D-Mannofuranoside, farnesyl- | 384 | C21H36O6 | 1000155-15-5 | 59   |
| 4    |    | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O  | 004602-84-0  | 56   |
| 5    |    | 3,7,11-Tridecatrienitrile, 4,8...   | 231 | C16H25N  | 006006-01-5  | 50   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060615\  
Data File : BG017527.D  
Acq On : 7 Jun 2015 10:31  
Operator : TP/IZ  
Sample : G2552-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SW-032

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... | 2.76  | 12.1    | ng    | 67641    | 1                     | 7.62  | 111925 | 20.0 |
| unknown4.72          | 4.72  | 11.3    | ng    | 63160    | 1                     | 7.62  | 111925 | 20.0 |
| unknown7.17          | 7.17  | 123.2   | ng    | 689158   | 1                     | 7.62  | 111925 | 20.0 |
| unknown17.95         | 17.95 | 2.5     | ng    | 35709    | 4                     | 17.04 | 292012 | 20.0 |
| 1-Docosene           | 20.95 | 5.6     | ng    | 95422    | 5                     | 21.24 | 343017 | 20.0 |
| 2,6,10-Dodecatric... | 22.41 | 2.6     | ng    | 42131    | 6                     | 23.48 | 324921 | 20.0 |