

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\  
 Data File : BF082135.D  
 Acq On : 8 Oct 2015 19:09  
 Operator : UM/IZ  
 Sample : G3945-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MGP215BR-18-20

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\_F\METHODS\8270-BF092815.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         | 5.040       | 252           | 254         | 268          | rVB      | 588360         | 1040814       | 41.22%          | 4.869%        |
| 2         | 5.463       | 288           | 291         | 293          | rBV      | 1960528        | 2075917       | 82.21%          | 9.710%        |
| 3         | 6.491       | 378           | 381         | 384          | rBV      | 1445139        | 1976386       | 78.27%          | 9.245%        |
| 4         | 6.629       | 390           | 393         | 396          | rBV      | 2176288        | 2082108       | 82.46%          | 9.739%        |
| 5         | 6.857       | 411           | 413         | 416          | rBV      | 345513         | 427550        | 16.93%          | 2.000%        |
| 6         | 7.017       | 424           | 427         | 429          | rBV      | 1884818        | 1652194       | 65.43%          | 7.728%        |
| 7         | 7.429       | 460           | 463         | 469          | rBV      | 1161446        | 1227195       | 48.60%          | 5.740%        |
| 8         | 7.520       | 469           | 471         | 477          | rVB2     | 12135          | 31067         | 1.23%           | 0.145%        |
| 9         | 8.149       | 524           | 526         | 528          | rBV      | 675429         | 593076        | 23.49%          | 2.774%        |
| 10        | 9.097       | 606           | 609         | 611          | rBV      | 27637          | 32393         | 1.28%           | 0.152%        |
| 11        | 9.223       | 618           | 620         | 623          | rBV      | 2010618        | 2032746       | 80.50%          | 9.509%        |
| 12        | 9.623       | 652           | 655         | 657          | rBV      | 417609         | 375308        | 14.86%          | 1.756%        |
| 13        | 9.909       | 677           | 680         | 682          | rBV      | 515753         | 690119        | 27.33%          | 3.228%        |
| 14        | 10.309      | 713           | 715         | 716          | rBV      | 17477          | 26787         | 1.06%           | 0.125%        |
| 15        | 10.698      | 746           | 749         | 751          | rBV      | 1479105        | 1647872       | 65.26%          | 7.708%        |
| 16        | 10.800      | 757           | 758         | 763          | rVB      | 43903          | 53507         | 2.12%           | 0.250%        |
| 17        | 11.246      | 795           | 797         | 799          | rBV      | 29230          | 34481         | 1.37%           | 0.161%        |
| 18        | 11.395      | 807           | 810         | 812          | rBV      | 503606         | 705129        | 27.93%          | 3.298%        |
| 19        | 11.921      | 853           | 856         | 858          | rBV      | 37037          | 47099         | 1.87%           | 0.220%        |
| 20        | 12.983      | 946           | 949         | 951          | rBV      | 1939364        | 2525023       | 100.00%         | 11.811%       |
| 21        | 13.864      | 1024          | 1026        | 1036         | rBV      | 270524         | 348906        | 13.82%          | 1.632%        |
| 22        | 14.024      | 1038          | 1040        | 1043         | rBV      | 499476         | 668599        | 26.48%          | 3.127%        |
| 23        | 14.492      | 1077          | 1081        | 1088         | rBV3     | 17223          | 45165         | 1.79%           | 0.211%        |
| 24        | 14.778      | 1104          | 1106        | 1109         | rBV      | 69305          | 79023         | 3.13%           | 0.370%        |
| 25        | 14.869      | 1110          | 1114        | 1116         | rVB2     | 20328          | 40134         | 1.59%           | 0.188%        |
| 26        | 15.258      | 1146          | 1148        | 1151         | rBV      | 25594          | 35056         | 1.39%           | 0.164%        |
| 27        | 15.464      | 1164          | 1166        | 1179         | rBV      | 320265         | 560756        | 22.21%          | 2.623%        |
| 28        | 15.727      | 1187          | 1189        | 1193         | rVB      | 35579          | 56941         | 2.26%           | 0.266%        |
| 29        | 15.967      | 1207          | 1210        | 1214         | rBV3     | 14114          | 38880         | 1.54%           | 0.182%        |
| 30        | 16.287      | 1234          | 1238        | 1242         | rBV2     | 36696          | 69106         | 2.74%           | 0.323%        |
| 31        | 16.950      | 1292          | 1296        | 1302         | rVB2     | 24213          | 59792         | 2.37%           | 0.280%        |
| 32        | 17.773      | 1362          | 1368        | 1373         | rBV      | 14749          | 41927         | 1.66%           | 0.196%        |
| 33        | 18.767      | 1450          | 1455        | 1463         | rVB3     | 7876           | 29946         | 1.19%           | 0.140%        |
| 34        | 20.013      | 1557          | 1564        | 1572         | rBV2     | 5328           | 27136         | 1.07%           | 0.127%        |

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ClientSampleId :  
MGP215BR-18-20

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\_F\METHODS\8270-BF092815.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

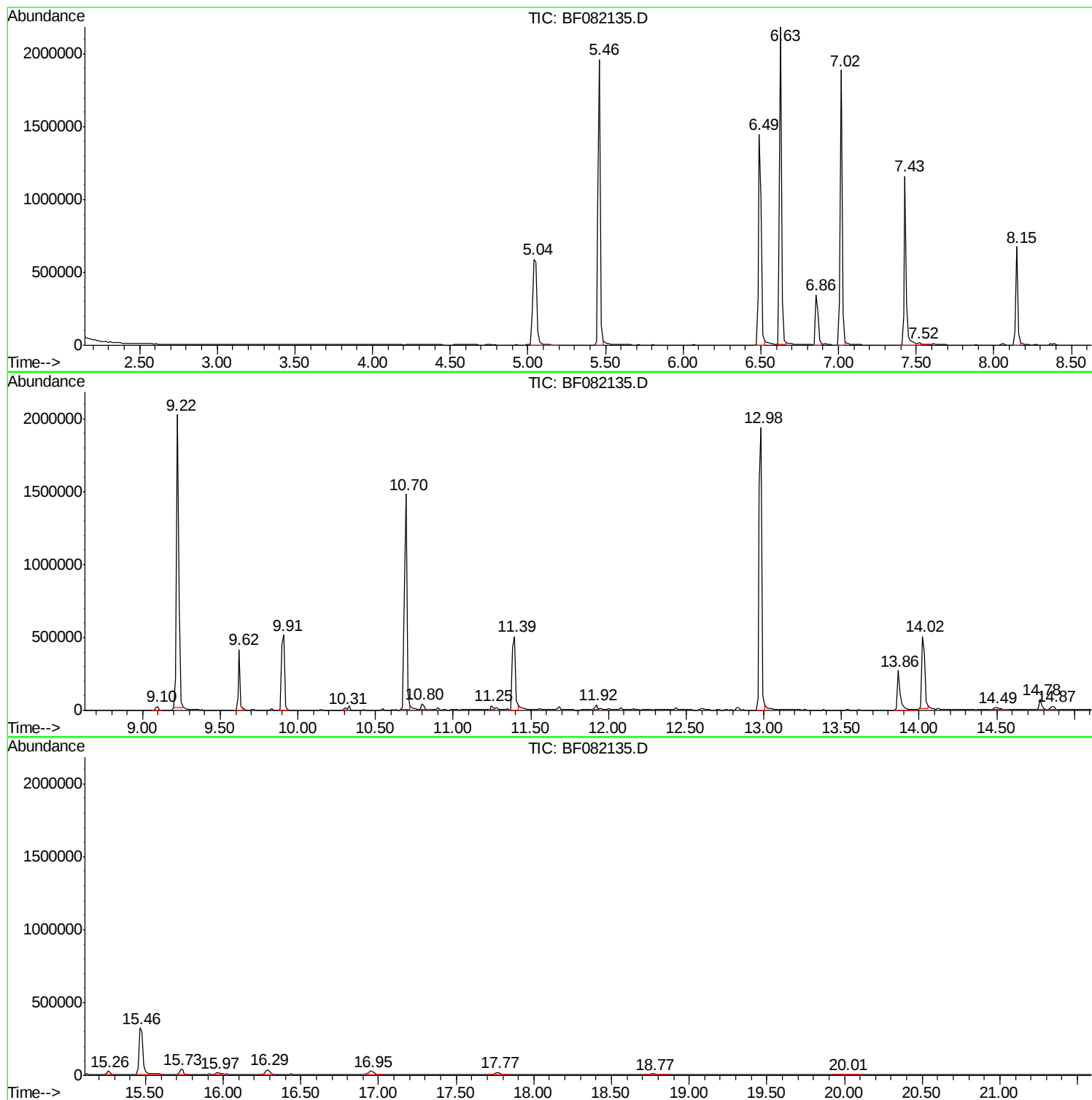
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

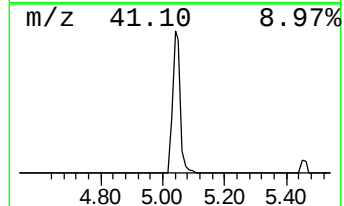
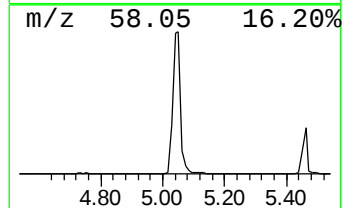
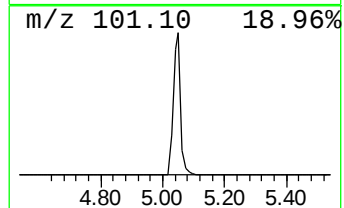
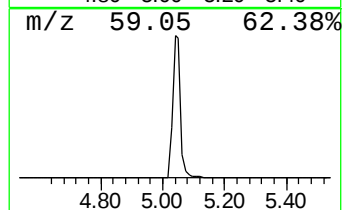
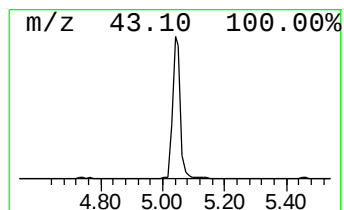
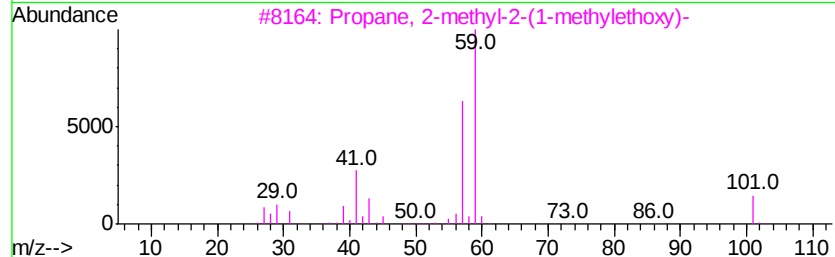
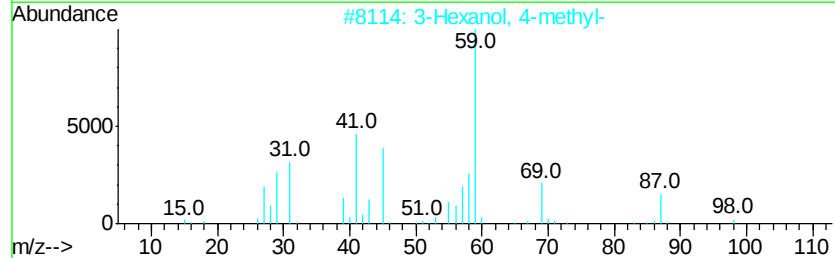
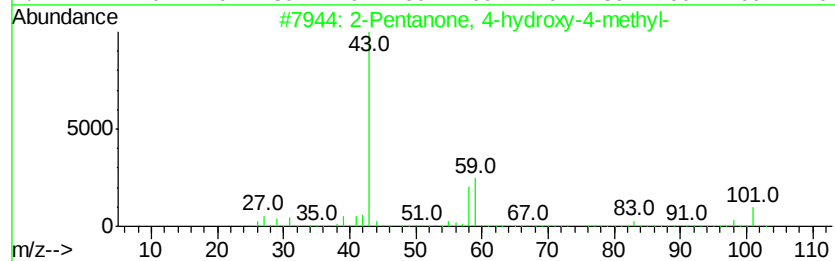
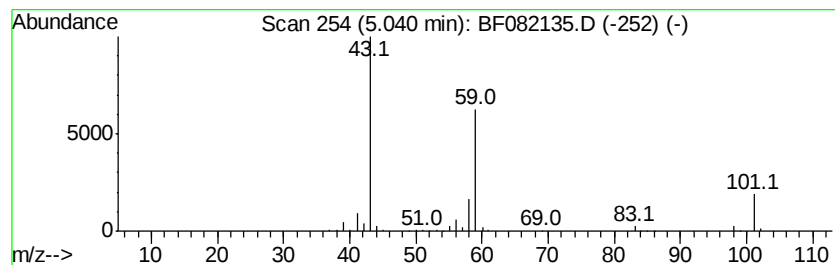
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.04 | 48.69 ng | 1040810 | 1,4-Dichlorobenzene-d4 | 6.86 |

| Hit# of | 5                                     | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-      | 116          | C6H12O2  | 000123-42-2 | 59   |      |
| 2       | 3-Hexanol, 4-methyl-                  | 116          | C7H16O   | 000615-29-2 | 33   |      |
| 3       | Propane, 2-methyl-2-(1-methylethoxy)- | 116          | C7H16O   | 017348-59-3 | 33   |      |
| 4       | 2-Hexanol, 2-methyl-                  | 116          | C7H16O   | 000625-23-0 | 28   |      |
| 5       | Acetic acid, cyano-, 1,1-dimethyl-    | 141          | C7H11NO2 | 001116-98-9 | 25   |      |



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ClientSampleId :  
MGP215BR-18-20

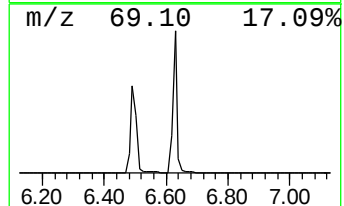
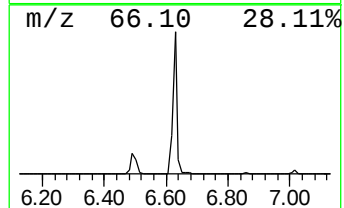
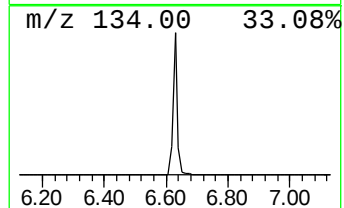
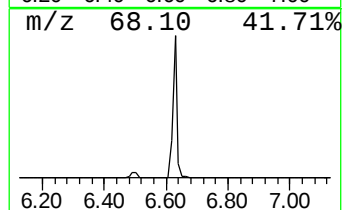
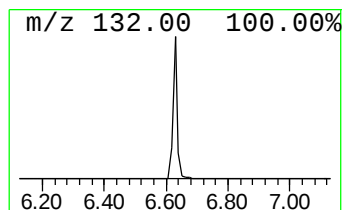
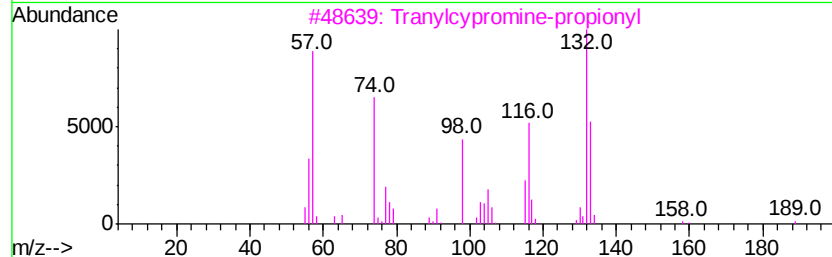
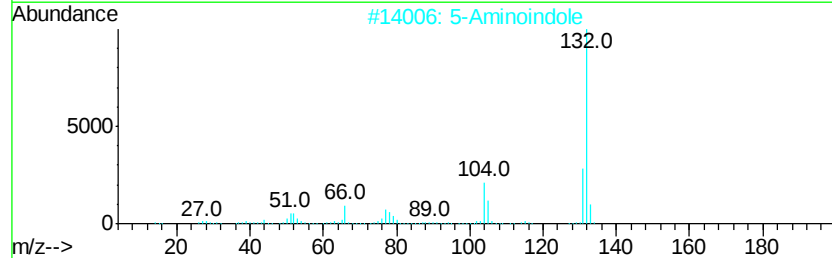
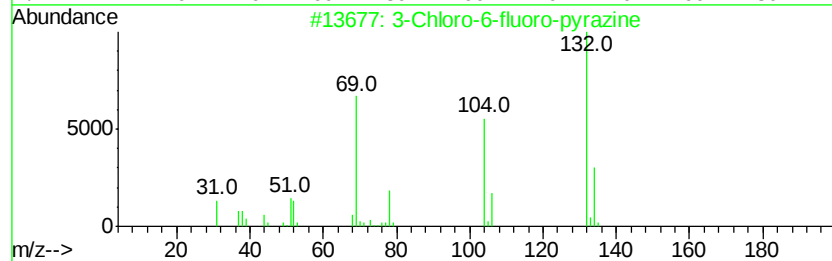
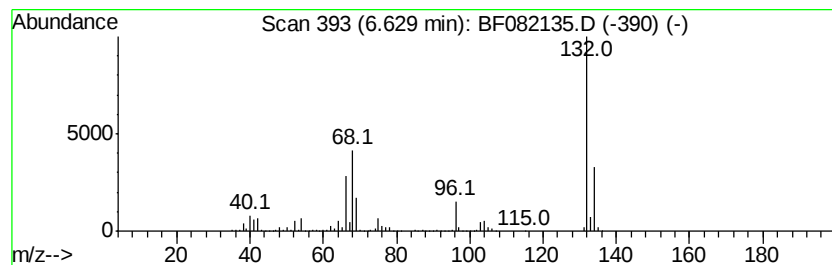
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.63 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.63 | 97.40 ng | 2082110 | 1,4-Dichlorobenzene-d4 | 6.86 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |



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Instrument :  
BNA\_F  
ClientSampleId :  
MGP215BR-18-20

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

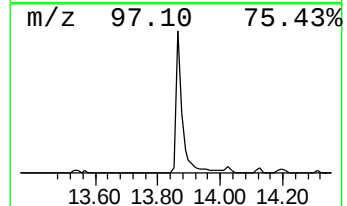
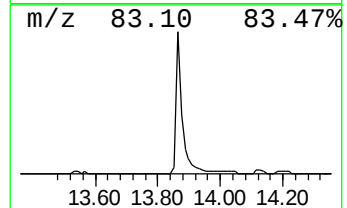
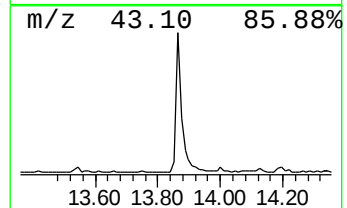
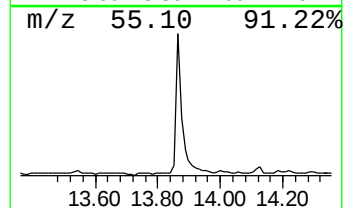
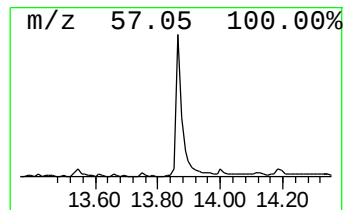
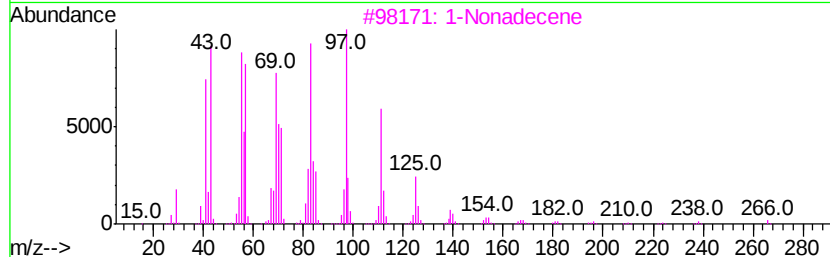
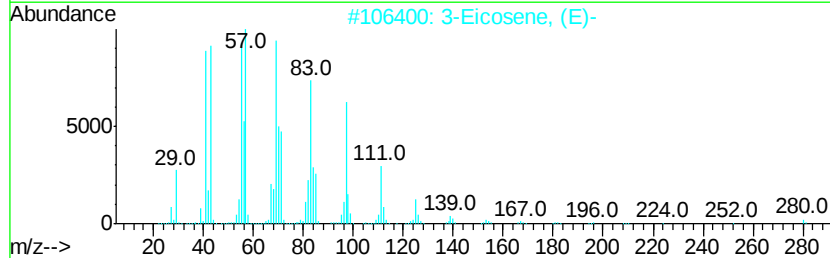
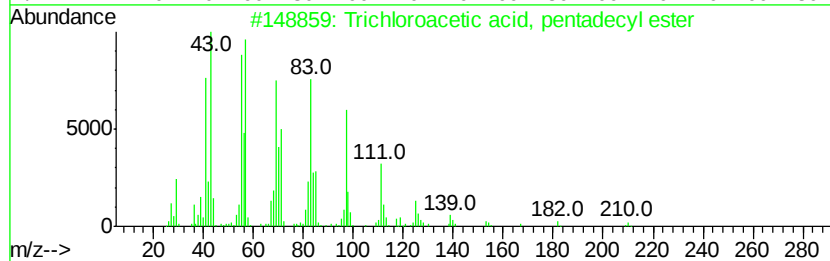
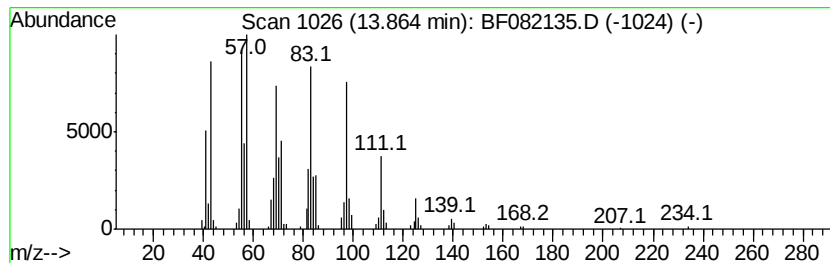
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Trichloroacetic acid, penta... Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 13.86 | 10.44 ng | 348906 | Chrysene-d12     | 14.02 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|---------|---|-------------------------------------|-----|-------------|-------------|------|
| 1       |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 94   |
| 2       |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 91   |
| 3       |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 91   |
| 4       |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 5       |   | 1-Docosene                          | 308 | C22H44      | 001599-67-3 | 90   |



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BNA\_F  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

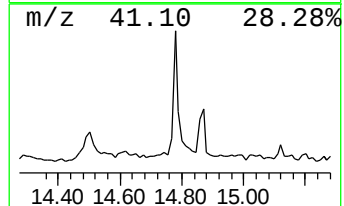
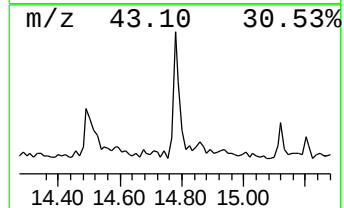
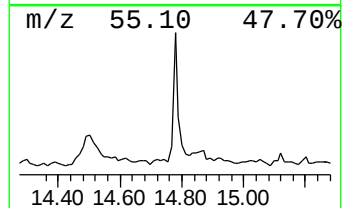
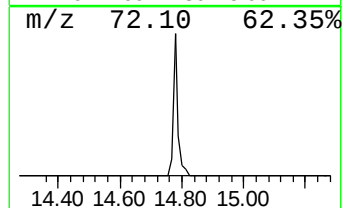
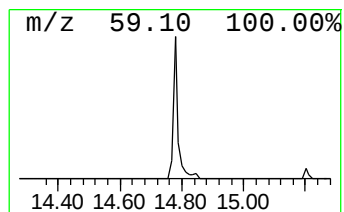
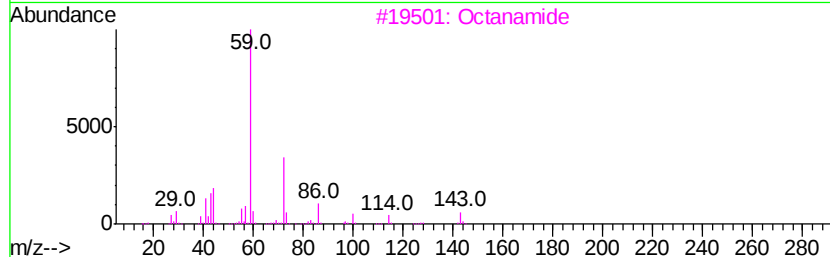
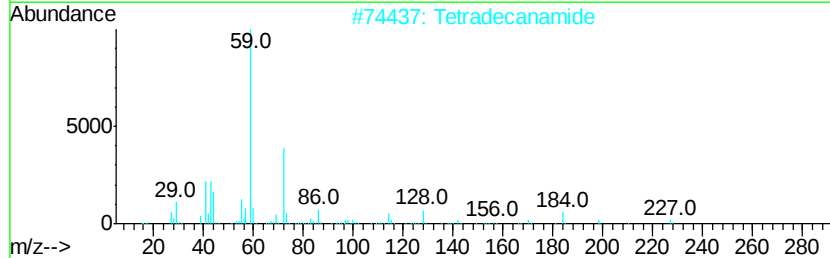
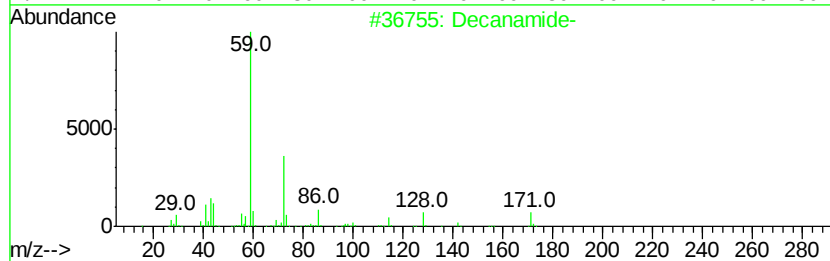
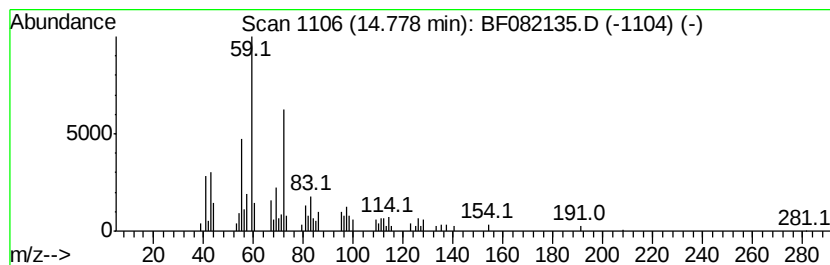
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Decanamide- Concentration Rank 5

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.78 | 2.82 ng | 79023 | Perylene-d12     | 15.48 |

| Hit# of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------|-----|----------|-------------|------|
| 1       |   | Decanamide-            | 171 | C10H21NO | 002319-29-1 | 53   |
| 2       |   | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 53   |
| 3       |   | Octanamide             | 143 | C8H17NO  | 000629-01-6 | 50   |
| 4       |   | Dodecanamide           | 199 | C12H25NO | 001120-16-7 | 42   |
| 5       |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 35   |



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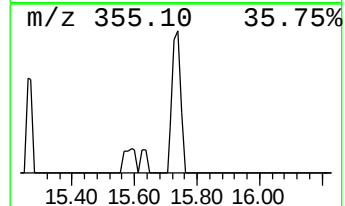
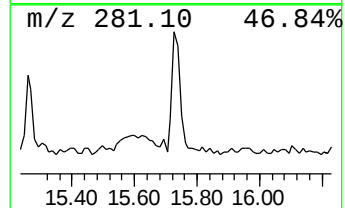
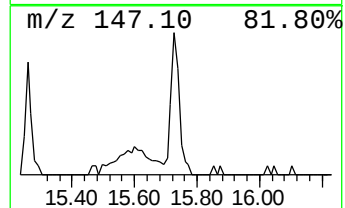
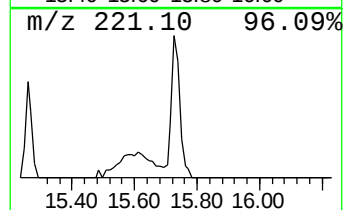
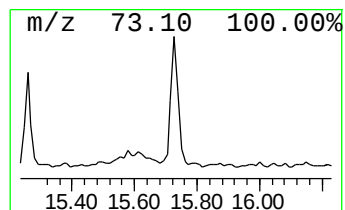
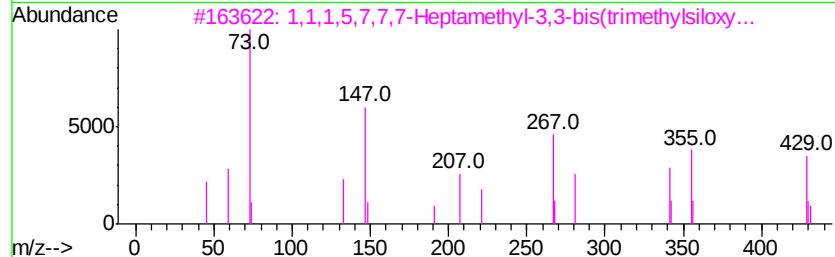
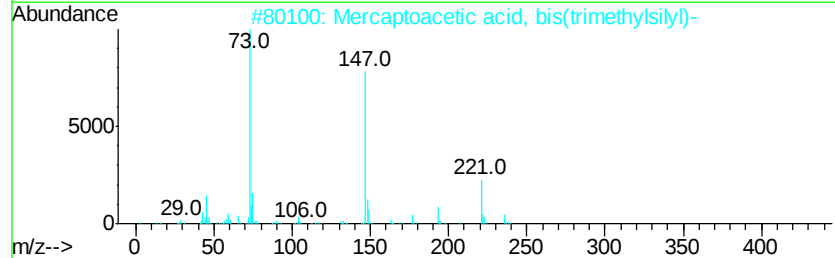
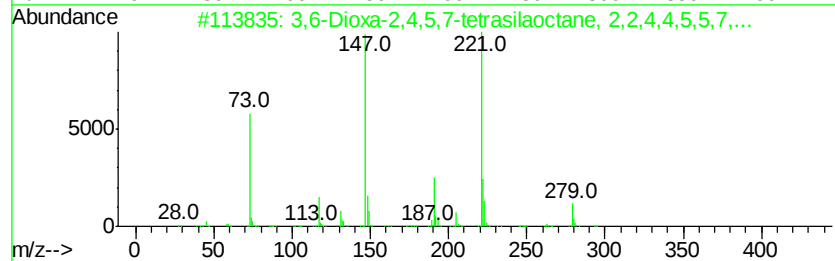
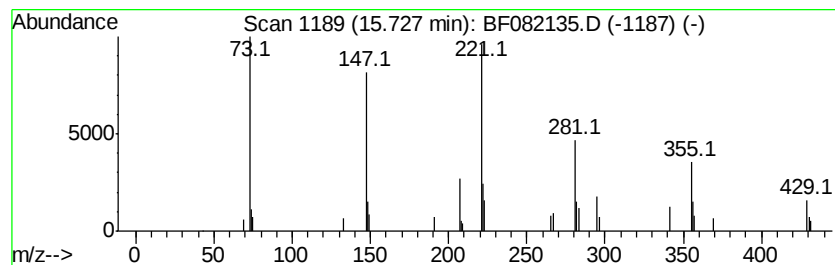
Instrument :  
BNA\_F  
ClientSampleId :  
MGP215BR-18-20

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 unknown15.73 Concentration Rank 8

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 15.73     | 2.03 ng                             | 56941 | Perylene-d12     | 15.48       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294   | C10H3002Si4      | 004342-25-0 | 40   |
| 2         | Mercaptoacetic acid, bis(trimeth... | 236   | C8H2002SSi2      | 006398-62-5 | 38   |
| 3         | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444   | C13H4005Si6      | 038147-00-1 | 38   |
| 4         | Pentasiloxane, dodecamethyl-        | 384   | C12H3604Si5      | 000141-63-9 | 30   |
| 5         | Trisiloxane, 1,1,1,5,5,5-hexamet... | 384   | C12H3604Si5      | 003555-47-3 | 27   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\  
Data File : BF082135.D  
Acq On : 8 Oct 2015 19:09  
Operator : UM/IZ  
Sample : G3945-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MGP215BR-18-20

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

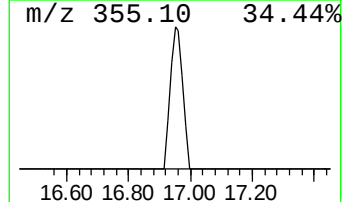
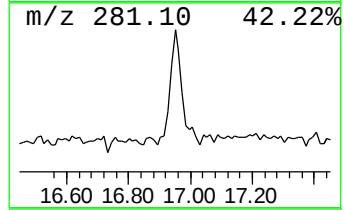
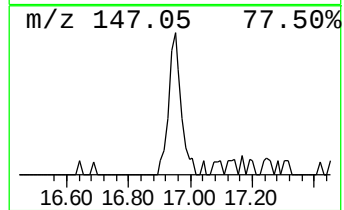
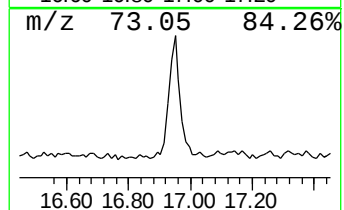
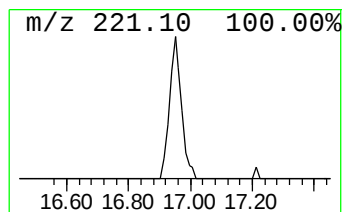
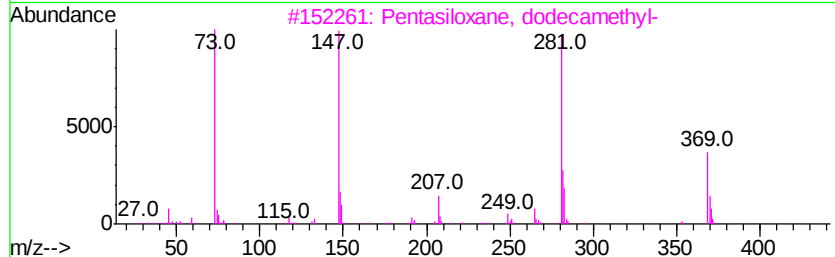
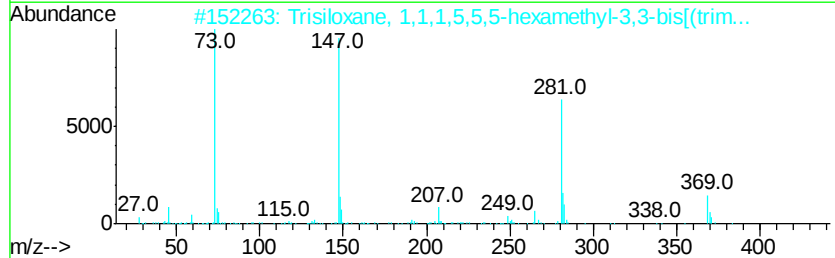
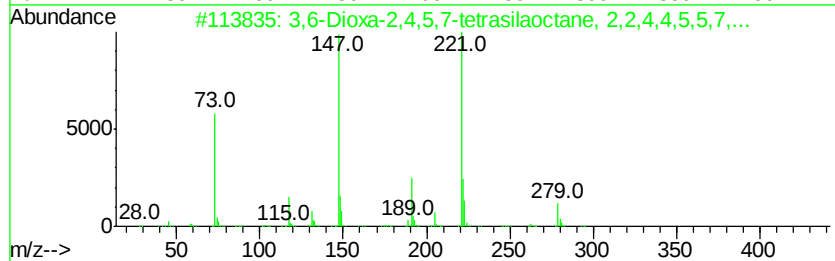
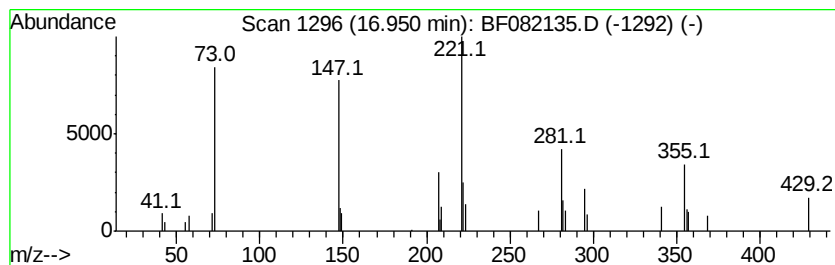
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown16.95 Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 16.95 | 2.13 ng | 59792 | Perylene-d12     | 15.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|-------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4  | 004342-25-0  | 38   |
| 2    |    | Trisiloxane, 1,1,1,5,5,5-hexamet... | 384 | C12H36O4Si5  | 003555-47-3  | 27   |
| 3    |    | Pentasiloxane, dodecamethyl-        | 384 | C12H36O4Si5  | 000141-63-9  | 27   |
| 4    |    | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO     | 015089-22-2  | 27   |
| 5    |    | 2,6-Dimethyl-3,4-bis(trimethylsi... | 311 | C15H29NO2Si2 | 1000079-52-1 | 17   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF100815\  
Data File : BF082135.D  
Acq On : 8 Oct 2015 19:09  
Operator : UM/IZ  
Sample : G3945-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MGP215BR-18-20

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.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... | 5.04  | 48.7    | ng    | 1040810  | 1                     | 6.86  | 427550 | 20.0 |
| unknown6.63          | 6.63  | 97.4    | ng    | 2082110  | 1                     | 6.86  | 427550 | 20.0 |
| Trichloroacetic a... | 13.86 | 10.4    | ng    | 348906   | 5                     | 14.02 | 668599 | 20.0 |
| Decanamide-          | 14.78 | 2.8     | ng    | 79023    | 6                     | 15.48 | 560756 | 20.0 |
| unknown15.73         | 15.73 | 2.0     | ng    | 56941    | 6                     | 15.48 | 560756 | 20.0 |
| unknown16.95         | 16.95 | 2.1     | ng    | 59792    | 6                     | 15.48 | 560756 | 20.0 |