

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\  
 Data File : BF098230.D  
 Acq On : 1 Sep 2017 16:51  
 Operator : SJ/JU  
 Sample : I5025-08  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-COMP-9-12

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-BF081517.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         | 4.263       | 367           | 370         | 379          | rVB      | 18486          | 25338         | 1.11%           | 0.126%        |
| 2         | 4.910       | 477           | 480         | 491          | rVB      | 141791         | 178979        | 7.84%           | 0.890%        |
| 3         | 5.334       | 547           | 552         | 555          | rBV      | 2016102        | 2109248       | 92.43%          | 10.484%       |
| 4         | 6.363       | 722           | 727         | 744          | rVB      | 2266049        | 2281991       | 100.00%         | 11.342%       |
| 5         | 6.492       | 744           | 749         | 752          | rBV      | 2218846        | 2154224       | 94.40%          | 10.707%       |
| 6         | 6.716       | 784           | 787         | 791          | rBV      | 810077         | 712695        | 31.23%          | 3.542%        |
| 7         | 6.875       | 810           | 814         | 817          | rBV      | 1989954        | 1668321       | 73.11%          | 8.292%        |
| 8         | 7.287       | 879           | 884         | 887          | rBV      | 1424480        | 1323543       | 58.00%          | 6.578%        |
| 9         | 7.387       | 896           | 901         | 907          | rVB      | 31149          | 35113         | 1.54%           | 0.175%        |
| 10        | 8.004       | 1002          | 1006        | 1020         | rVB      | 953916         | 911172        | 39.93%          | 4.529%        |
| 11        | 9.081       | 1184          | 1189        | 1192         | rBV      | 2483847        | 2262086       | 99.13%          | 11.243%       |
| 12        | 9.475       | 1252          | 1256        | 1266         | rBV      | 288261         | 261631        | 11.47%          | 1.300%        |
| 13        | 9.751       | 1299          | 1303        | 1314         | rVB      | 977907         | 874726        | 38.33%          | 4.348%        |
| 14        | 10.539      | 1433          | 1437        | 1448         | rBV      | 1056167        | 964666        | 42.27%          | 4.795%        |
| 15        | 10.657      | 1453          | 1457        | 1467         | rVB      | 167414         | 192626        | 8.44%           | 0.957%        |
| 16        | 11.233      | 1551          | 1555        | 1561         | rBV      | 802347         | 706729        | 30.97%          | 3.513%        |
| 17        | 12.821      | 1820          | 1825        | 1828         | rBV      | 1587174        | 1494133       | 65.47%          | 7.426%        |
| 18        | 13.304      | 1900          | 1907        | 1916         | rBV      | 529843         | 535360        | 23.46%          | 2.661%        |
| 19        | 13.721      | 1975          | 1978        | 1989         | rBV3     | 46355          | 71636         | 3.14%           | 0.356%        |
| 20        | 13.868      | 1999          | 2003        | 2007         | rBV      | 789185         | 687845        | 30.14%          | 3.419%        |
| 21        | 14.621      | 2127          | 2131        | 2138         | rBV      | 84849          | 106994        | 4.69%           | 0.532%        |
| 22        | 15.280      | 2238          | 2243        | 2251         | rBV      | 424666         | 560597        | 24.57%          | 2.786%        |

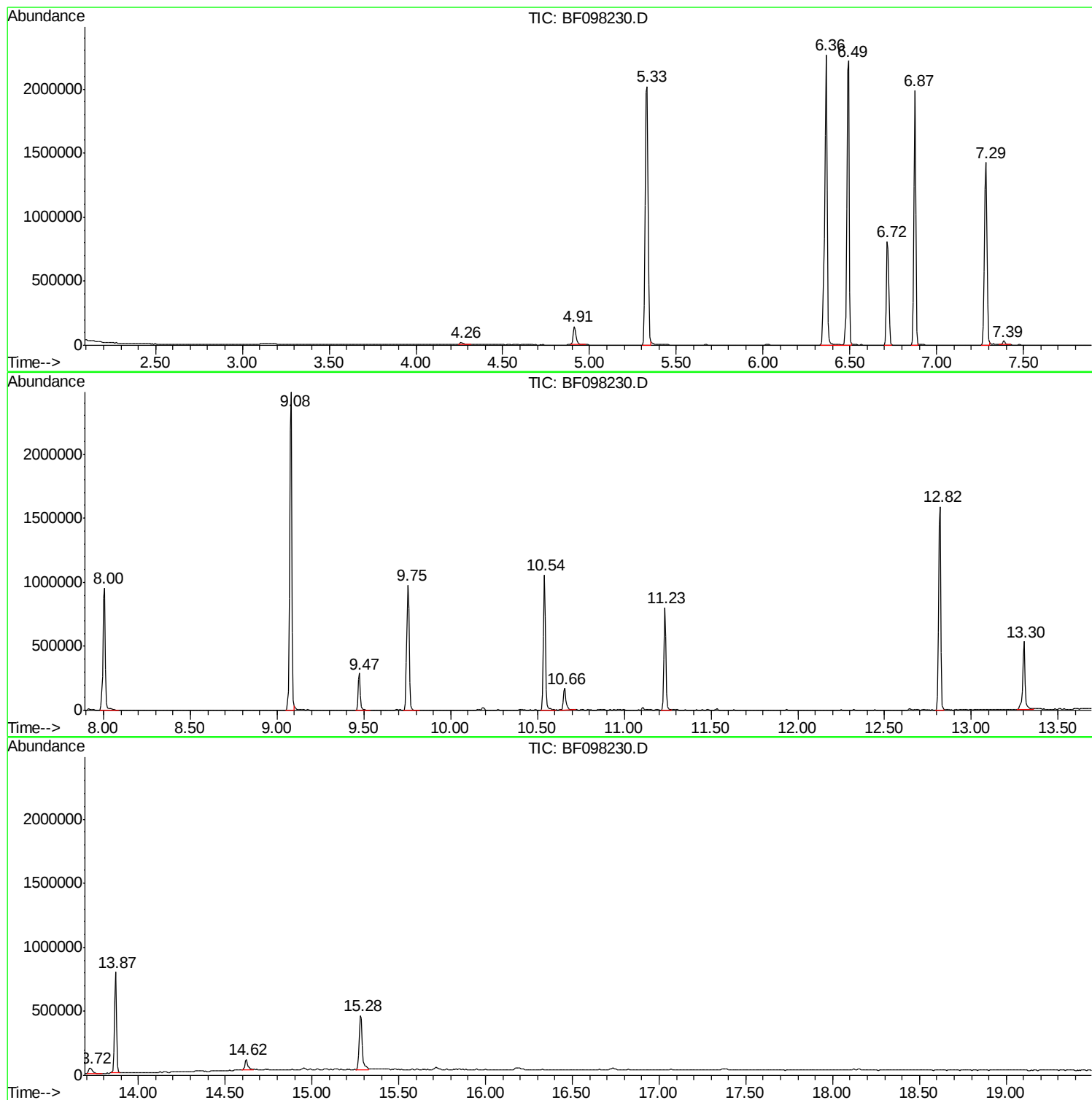
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ClientSampleId :  
TEC-COMP-9-12

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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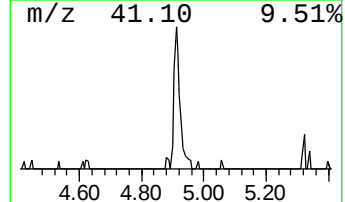
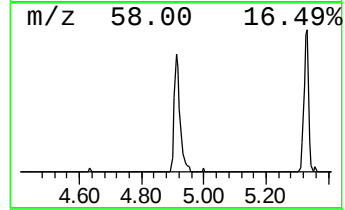
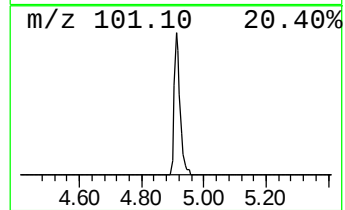
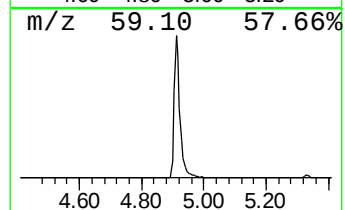
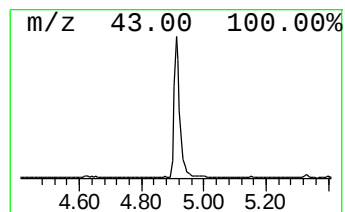
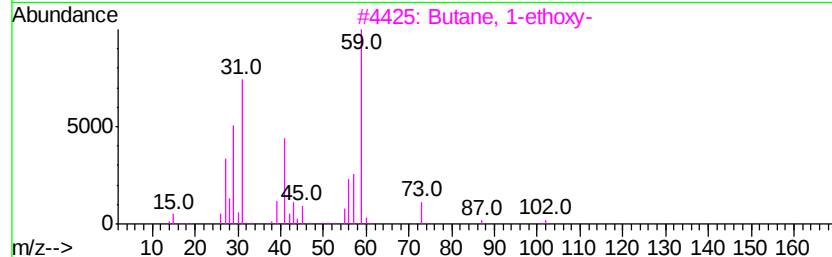
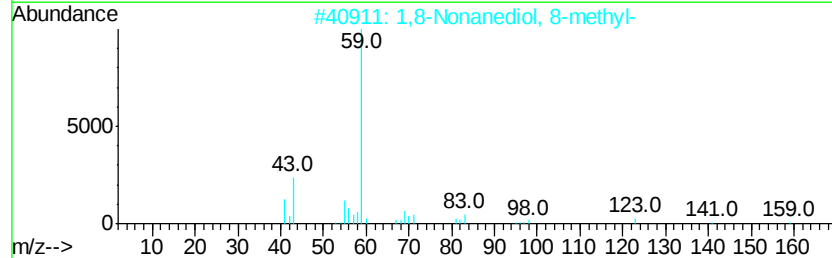
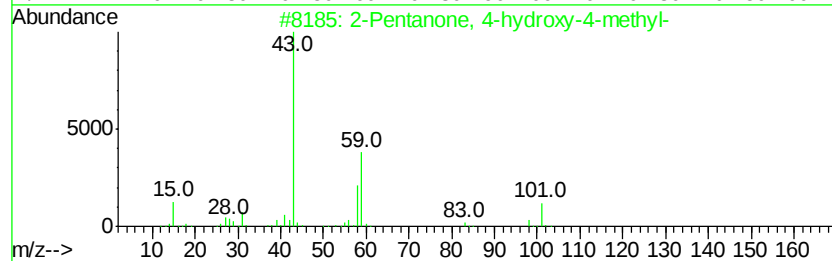
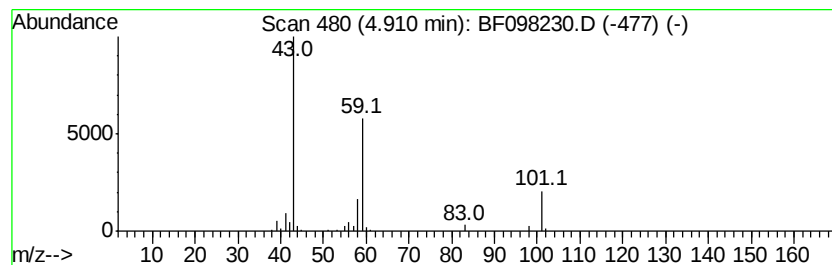
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.91 | 5.02 ng | 178979 | 1,4-Dichlorobenzene-d4 | 6.72 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 53   |
| 2    |    | 1,8-Nonanediol, 8-methyl-          | 174 | C10H22O2 | 054725-73-4 | 23   |
| 3    |    | Butane, 1-ethoxy-                  | 102 | C6H14O   | 000628-81-9 | 9    |
| 4    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 5    |    | Morpholine, 4-methyl-              | 101 | C5H11NO  | 000109-02-4 | 9    |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

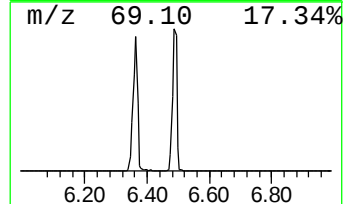
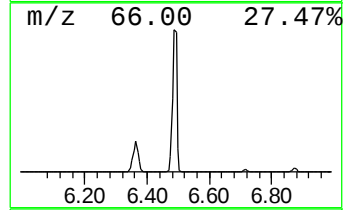
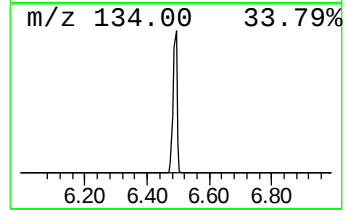
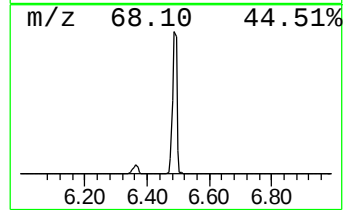
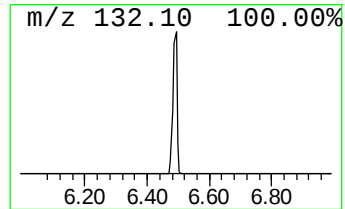
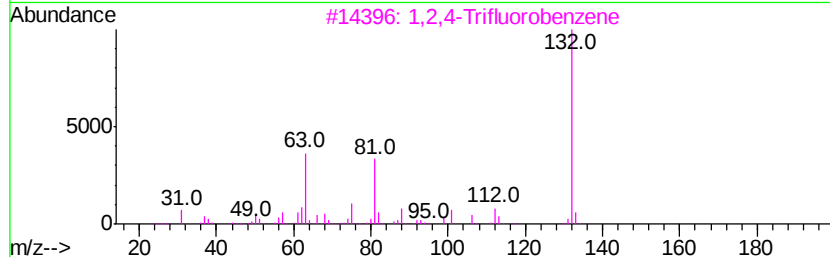
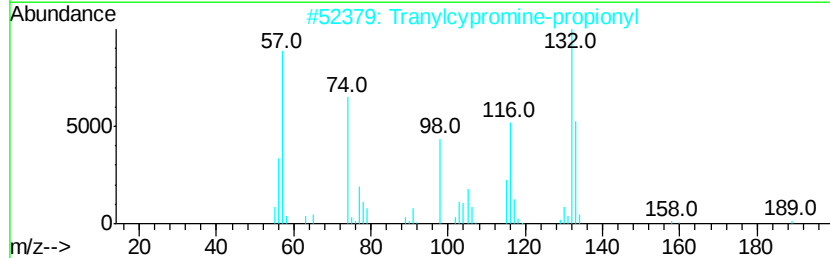
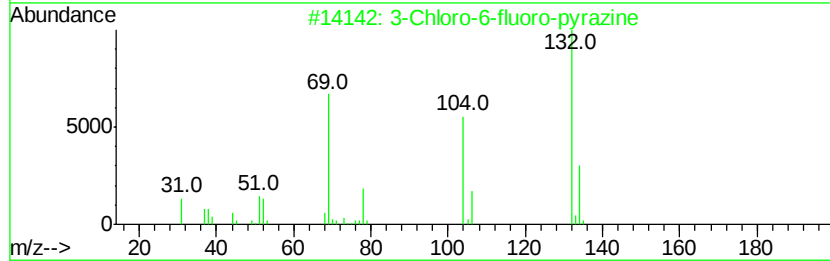
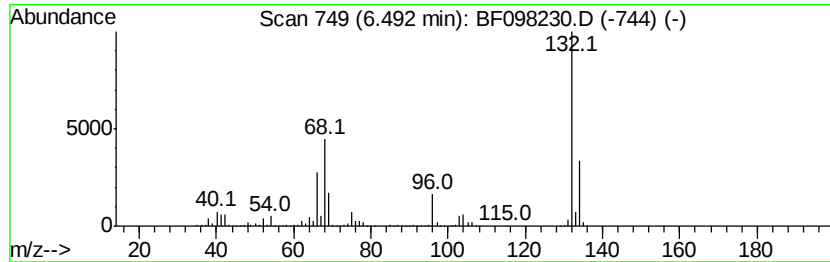
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.49 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.49 | 60.45 ng | 2154220 | 1,4-Dichlorobenzene-d4 | 6.72 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | 1,2,4-Trifluorobenzene              | 132 | C6H3F3    | 000367-23-7  | 9    |
| 4    |    | 1,3,5-Trifluorobenzene              | 132 | C6H3F3    | 000372-38-3  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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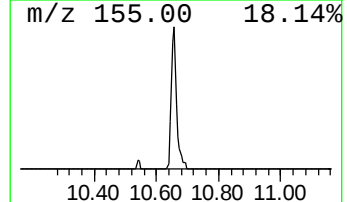
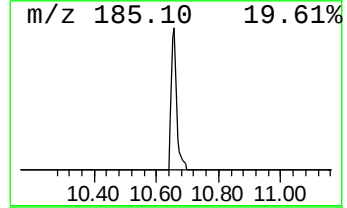
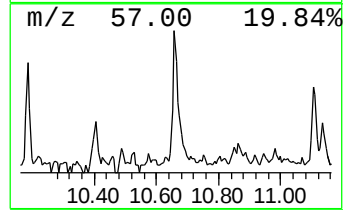
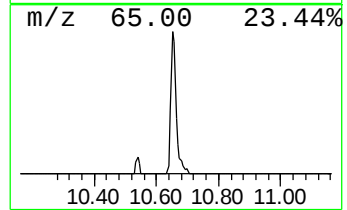
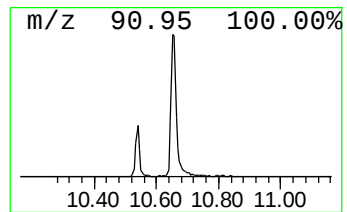
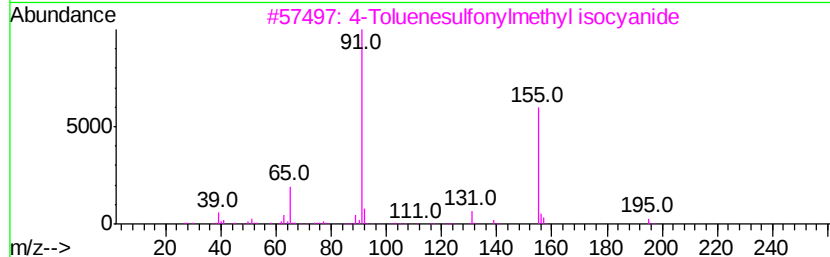
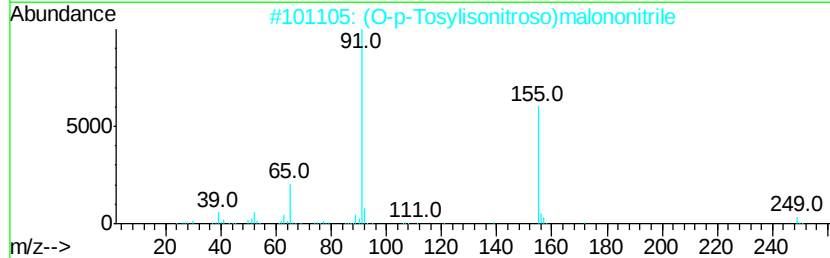
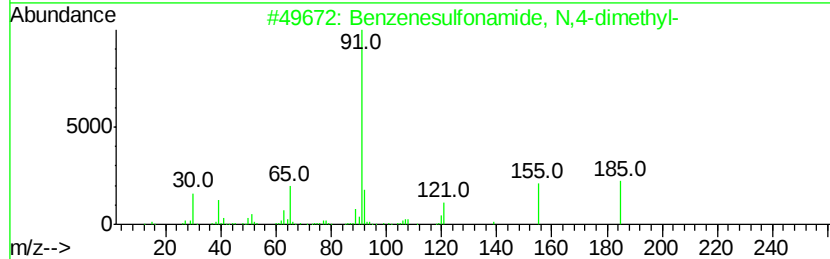
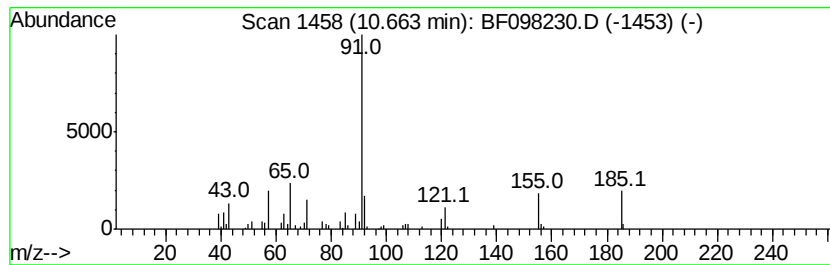
Instrument :  
BNA\_F  
ClientSampleId :  
TEC-COMP-9-12

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 4

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|--------|------------------|-------------|------|
| 10.66     | 5.45 ng                            | 192626 | Phenanthrene-d10 | 11.23       |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#        | Qual |
| 1         | Benzenesulfonamide, N,4-dimethyl-  | 185    | C8H11NO2S        | 000640-61-9 | 93   |
| 2         | (O-p-Tosylisonitroso)malononitrile | 249    | C10H7N3O3S       | 020893-01-0 | 50   |
| 3         | 4-Toluenesulfonylmethyl isocyanide | 195    | C9H9NO2S         | 036635-61-7 | 50   |
| 4         | p-Toluenesulfonylacetonitrile      | 195    | C9H9NO2S         | 005697-44-9 | 50   |
| 5         | Benzene, propyl-                   | 120    | C9H12            | 000103-65-1 | 47   |



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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-COMP-9-12

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

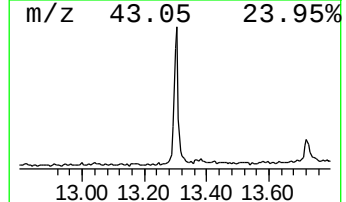
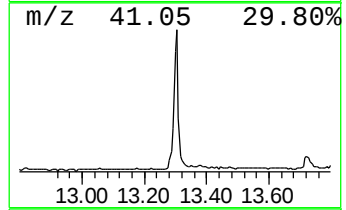
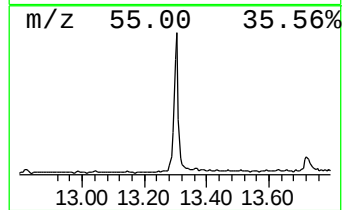
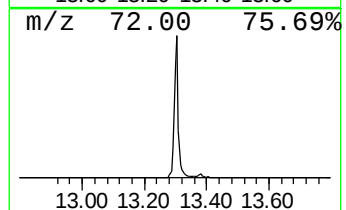
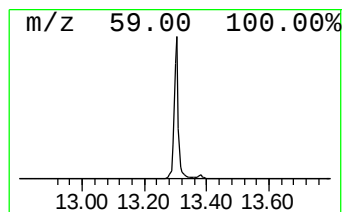
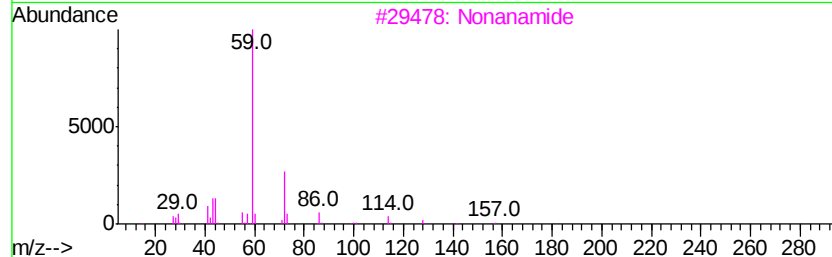
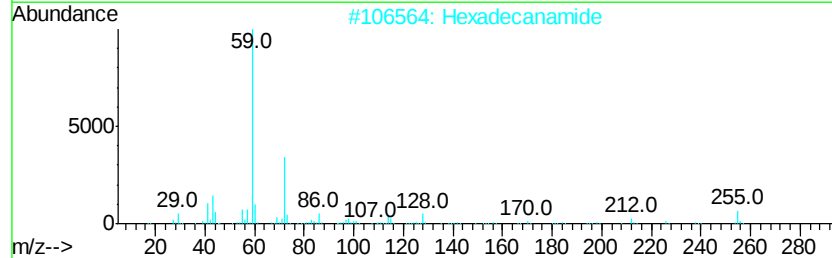
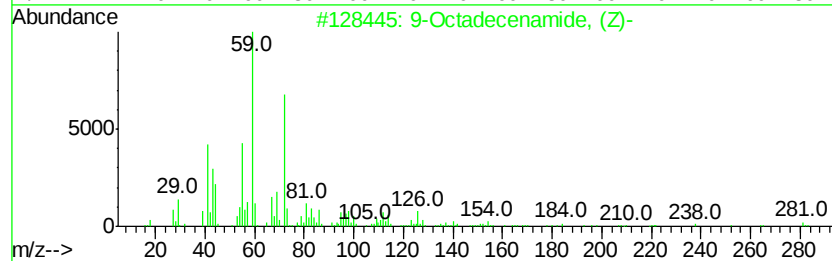
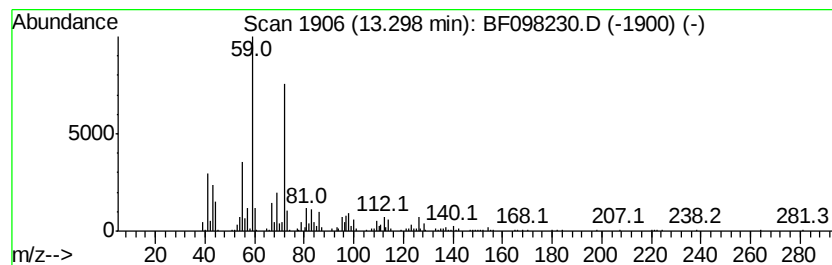
TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 13.30 | 15.57 ng | 535360 | Chrysene-d12     | 13.87 |

| Hit# of | 5 | Tentative ID            | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------|-----|------------|-------------|------|
| 1       |   | 9-Octadecenamide, (Z)-  | 281 | C18H35NO   | 000301-02-0 | 91   |
| 2       |   | Hexadecanamide          | 255 | C16H33NO   | 000629-54-9 | 59   |
| 3       |   | Nonanamide              | 157 | C9H19NO    | 001120-07-6 | 47   |
| 4       |   | Undecanamide, 11-bromo- | 263 | C11H22BrNO | 005875-26-3 | 47   |
| 5       |   | Dodecanamide            | 199 | C12H25NO   | 001120-16-7 | 47   |



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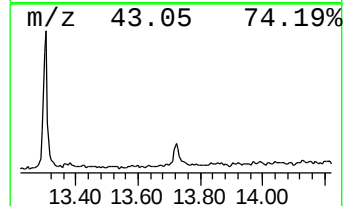
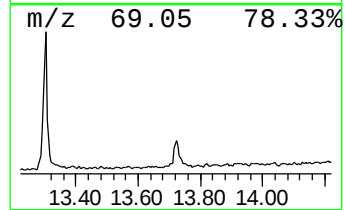
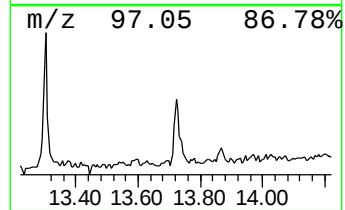
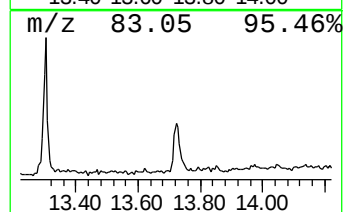
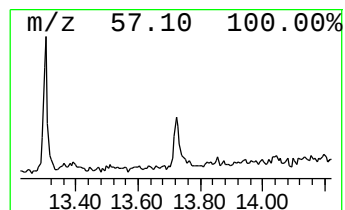
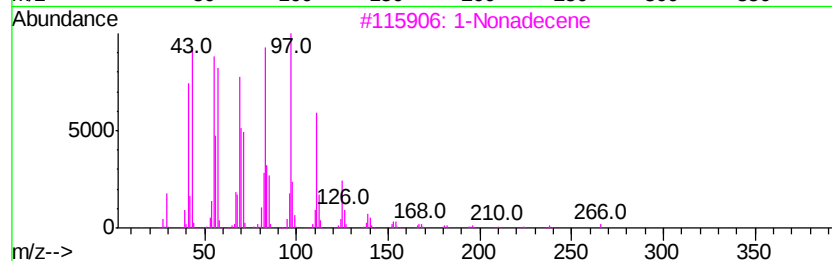
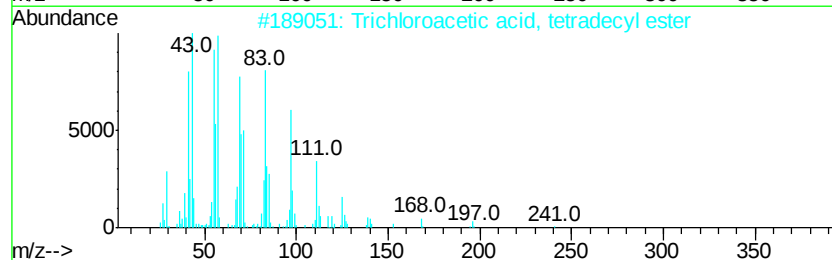
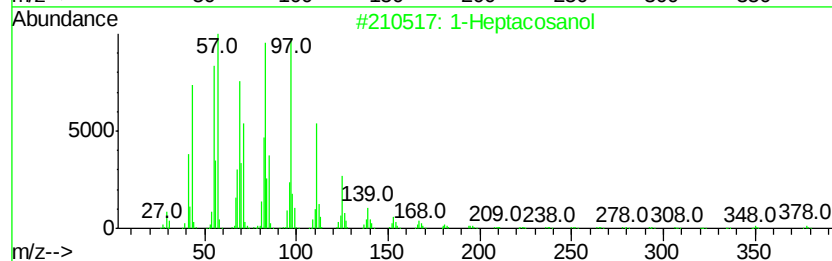
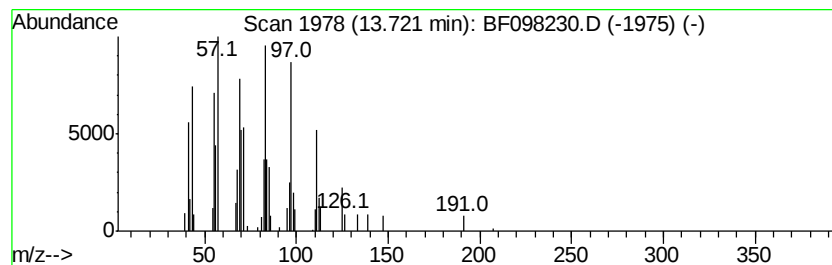
TIC Library : C:\DATABASE\NIST11.L  
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 Peak Number 6 1-Heptacosanol Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.72 | 2.08 ng | 71636 | Chrysene-d12     | 13.87 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|---------|---|-------------------------------------|-----|-------------|-------------|------|
| 1       |   | 1-Heptacosanol                      | 396 | C27H56O     | 002004-39-9 | 95   |
| 2       |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91   |
| 3       |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 91   |
| 4       |   | Trifluoroacetoxv hexadecane         | 338 | C18H33F3O2  | 006222-03-3 | 91   |
| 5       |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF090117\  
Data File : BF098230.D  
Acq On : 1 Sep 2017 16:51  
Operator : SJ/JU  
Sample : I5025-08  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-COMP-9-12

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.91  | 5.0     | ng    | 178979   | 1                     | 6.72  | 712695 | 20.0 |
| unknown6.49          | 6.49  | 60.5    | ng    | 2154220  | 1                     | 6.72  | 712695 | 20.0 |
| Benzenesulfonamid... | 10.66 | 5.5     | ng    | 192626   | 4                     | 11.23 | 706729 | 20.0 |
| 9-Octadecenamide,... | 13.30 | 15.6    | ng    | 535360   | 5                     | 13.87 | 687845 | 20.0 |
| 1-Heptacosanol       | 13.72 | 2.1     | ng    | 71636    | 5                     | 13.87 | 687845 | 20.0 |