

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041315\  
 Data File : BF078464.D  
 Acq On : 13 Apr 2015 17:10  
 Operator : TP/IZ  
 Sample : G1787-18  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SD07C

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-BF040115.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         | 1.256       | 4             | 6           | 26           | rVB2     | 161196         | 407625        | 13.77%          | 3.997%        |
| 2         | 1.507       | 26            | 28          | 35           | rVV      | 330249         | 560587        | 18.94%          | 5.497%        |
| 3         | 1.610       | 35            | 37          | 75           | rVB      | 1382014        | 2959707       | 100.00%         | 29.021%       |
| 4         | 4.490       | 287           | 289         | 297          | rVB      | 49250          | 70493         | 2.38%           | 0.691%        |
| 5         | 5.084       | 338           | 341         | 352          | rBV      | 558908         | 668749        | 22.60%          | 6.557%        |
| 6         | 6.422       | 457           | 458         | 461          | rVB      | 450396         | 627079        | 21.19%          | 6.149%        |
| 7         | 6.536       | 466           | 468         | 471          | rBV      | 554805         | 695278        | 23.49%          | 6.817%        |
| 8         | 6.833       | 492           | 494         | 496          | rBV      | 108951         | 136643        | 4.62%           | 1.340%        |
| 9         | 7.016       | 507           | 510         | 512          | rBV      | 460778         | 474264        | 16.02%          | 4.650%        |
| 10        | 7.530       | 552           | 555         | 557          | rBV      | 453848         | 395456        | 13.36%          | 3.878%        |
| 11        | 8.410       | 629           | 632         | 634          | rBV      | 159925         | 192073        | 6.49%           | 1.883%        |
| 12        | 9.759       | 747           | 750         | 752          | rBV      | 538490         | 633068        | 21.39%          | 6.207%        |
| 13        | 10.262      | 793           | 794         | 797          | rBV      | 26120          | 33207         | 1.12%           | 0.326%        |
| 14        | 10.559      | 818           | 820         | 823          | rVB      | 203184         | 228804        | 7.73%           | 2.243%        |
| 15        | 11.542      | 903           | 906         | 908          | rBV      | 392483         | 493517        | 16.67%          | 4.839%        |
| 16        | 12.388      | 978           | 980         | 982          | rBV      | 250778         | 245371        | 8.29%           | 2.406%        |
| 17        | 14.377      | 1151          | 1154        | 1157         | rBV      | 784249         | 761171        | 25.72%          | 7.464%        |
| 18        | 15.565      | 1252          | 1258        | 1262         | rBV      | 17132          | 34097         | 1.15%           | 0.334%        |
| 19        | 15.646      | 1262          | 1265        | 1267         | rVV      | 209512         | 290640        | 9.82%           | 2.850%        |
| 20        | 17.337      | 1411          | 1413        | 1416         | rBV      | 234542         | 290703        | 9.82%           | 2.850%        |

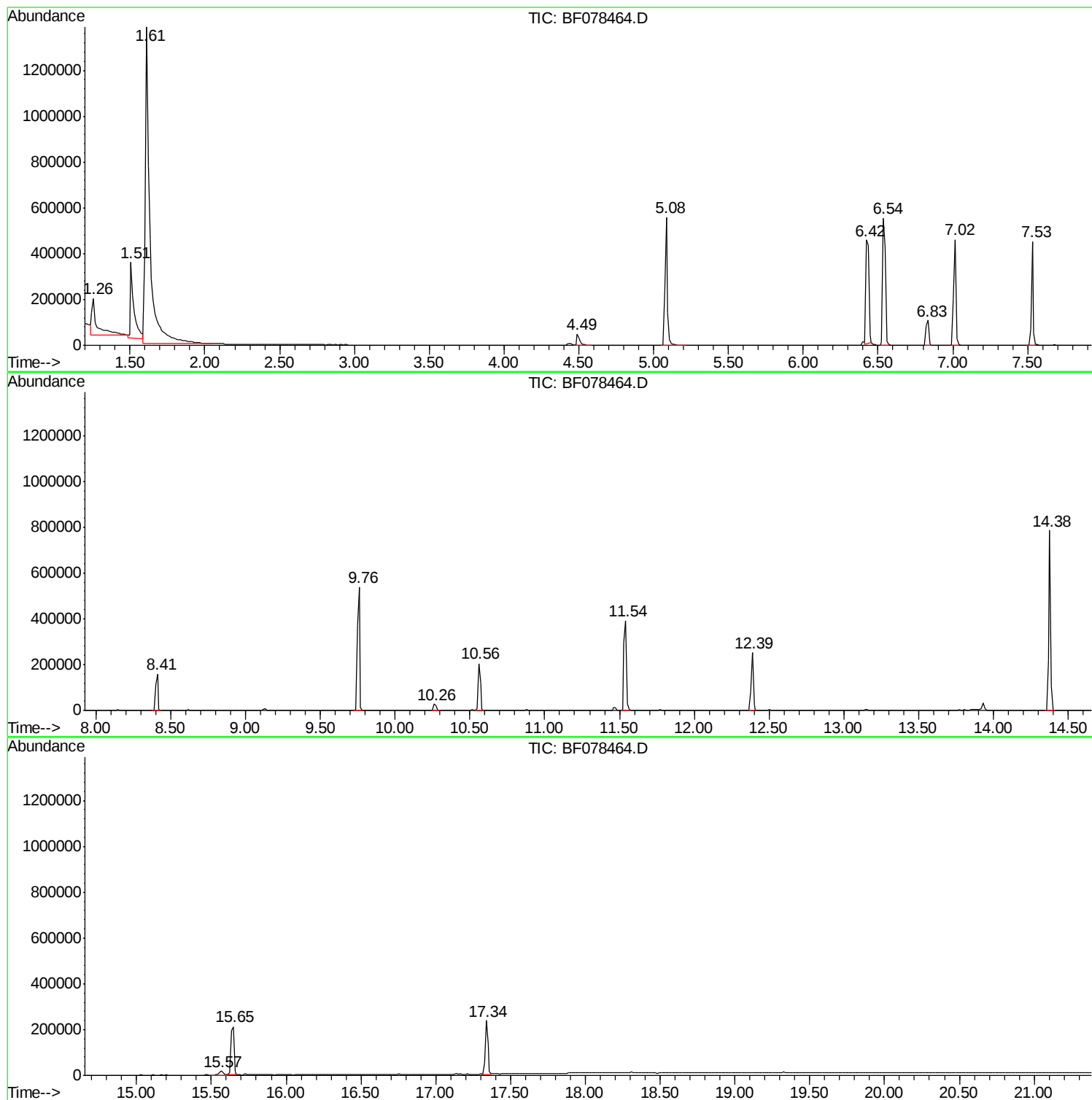
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
LS-SD07C

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.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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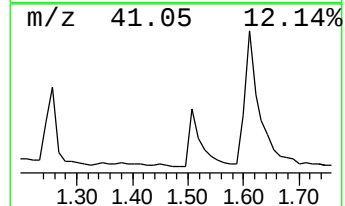
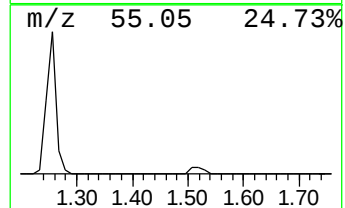
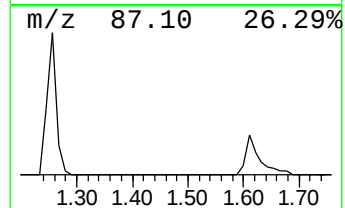
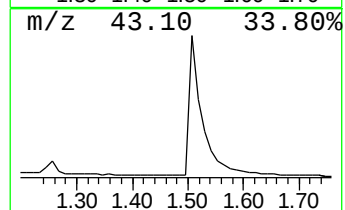
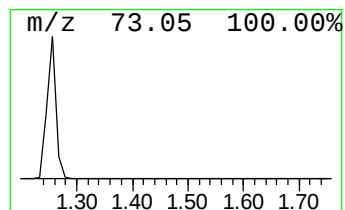
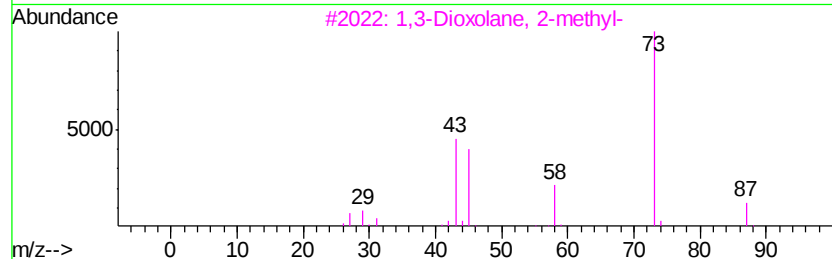
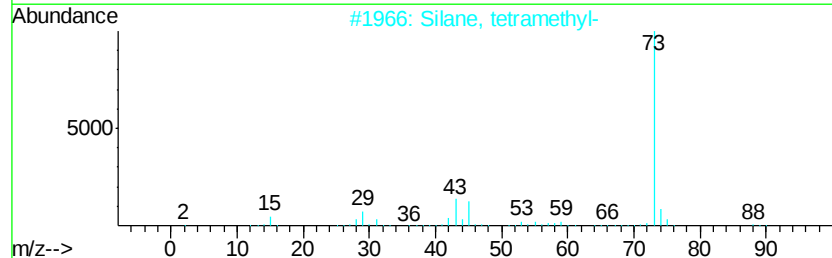
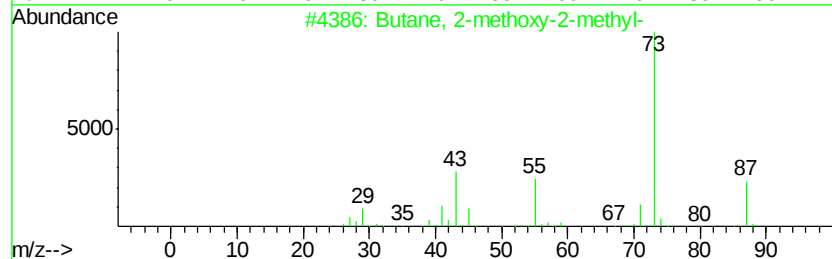
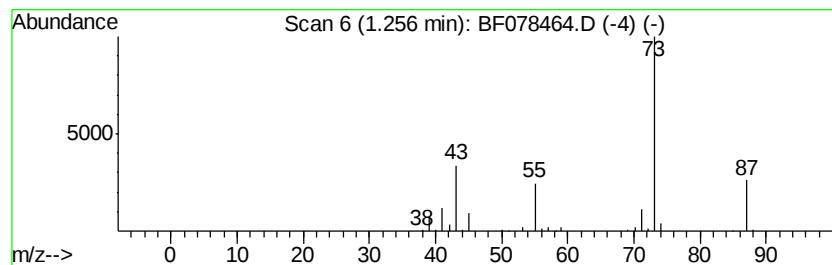
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.26 | 59.66 ng | 407625 | 1,4-Dichlorobenzene-d4 | 6.83 |

| Hit# of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------|-----|---------|-------------|------|
| 1       |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 86   |
| 2       |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 46   |
| 3       |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4       |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5       |   | Acetamide, N-methyl-        | 73  | C3H7NO  | 000079-16-3 | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

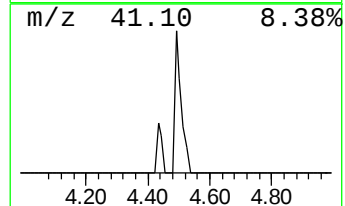
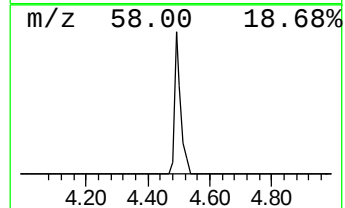
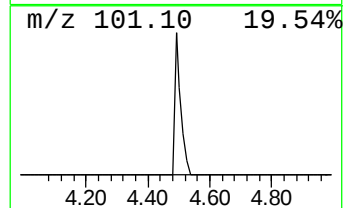
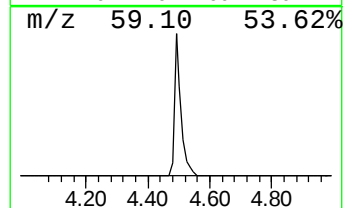
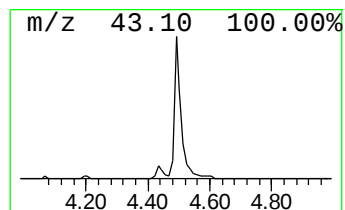
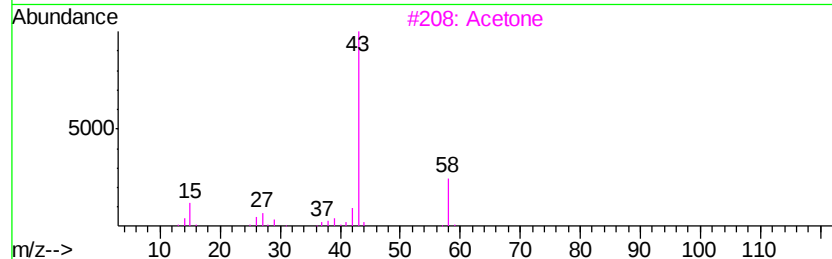
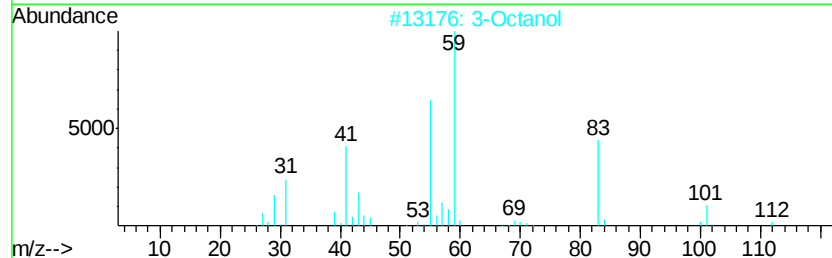
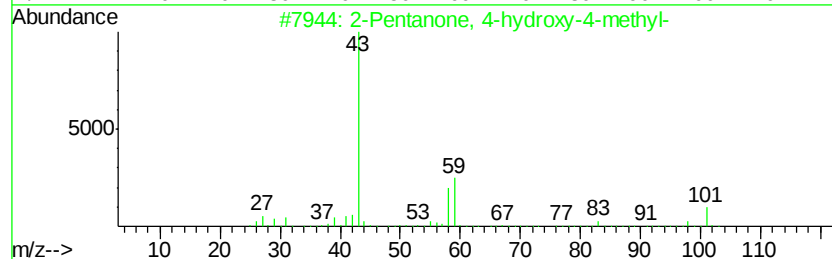
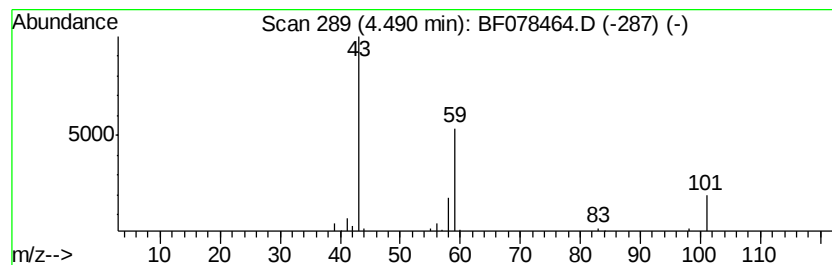
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

| R.T. | EstConc  | Area  | Relative to ISTD       | R.T. |
|------|----------|-------|------------------------|------|
| 4.49 | 10.32 ng | 70493 | 1,4-Dichlorobenzene-d4 | 6.83 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |    | 3-Octanol                        | 130 | C8H18O  | 000589-98-0 | 28   |
| 3    |    | Acetone                          | 58  | C3H6O   | 000067-64-1 | 9    |
| 4    |    | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |
| 5    |    | 3-Heptanol                       | 116 | C7H16O  | 000589-82-2 | 9    |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LS-SD07C

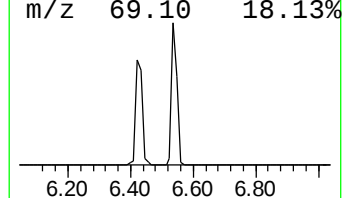
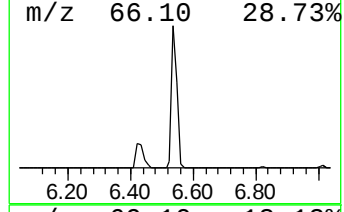
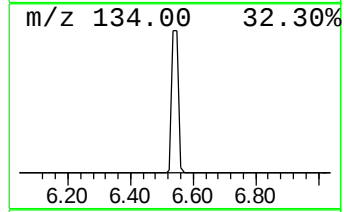
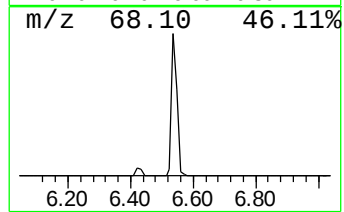
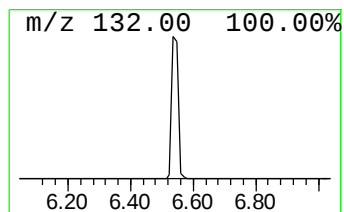
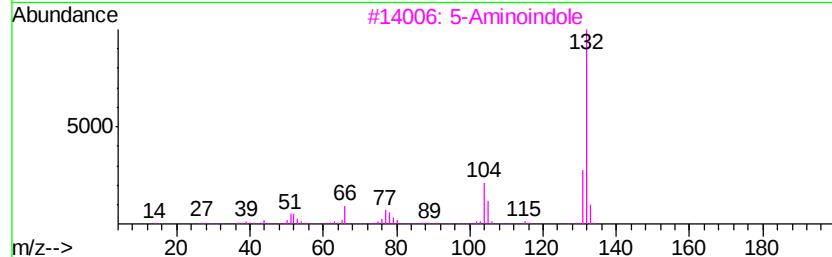
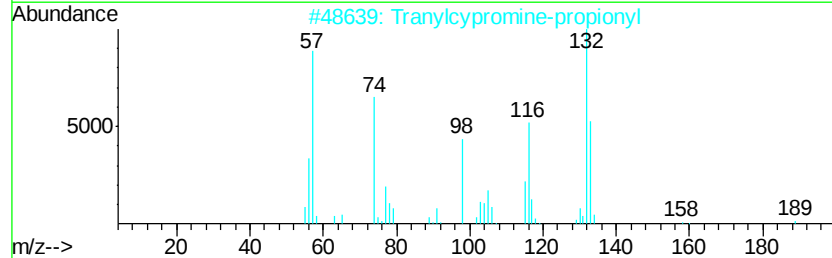
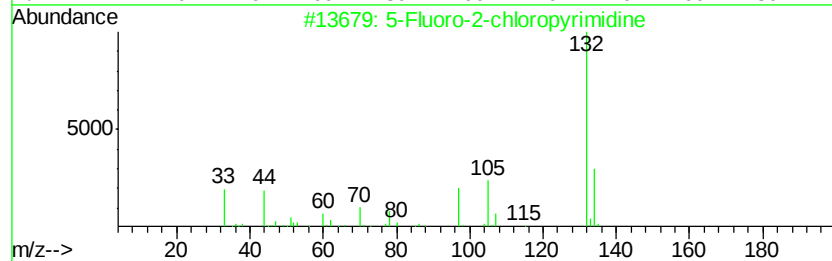
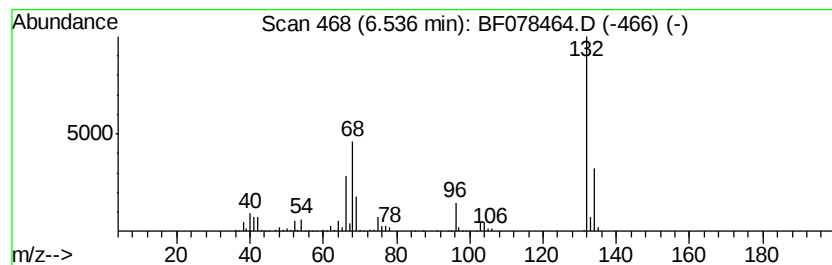
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown6.54 Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 6.54 | 101.77 ng | 695278 | 1,4-Dichlorobenzene-d4 | 6.83 |

| Hit# | of                                  | Tentative ID | MW        | MolForm      | CAS# | Qual |
|------|-------------------------------------|--------------|-----------|--------------|------|------|
| 1    | 5-Fluoro-2-chloropyrimidine         | 132          | C4H2ClFN2 | 062802-42-0  | 12   |      |
| 2    | Tranylcypromine-propionyl           | 189          | C12H15NO  | 1000123-86-3 | 10   |      |
| 3    | 5-Aminoindole                       | 132          | C8H8N2    | 005192-03-0  | 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  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

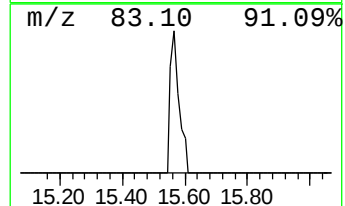
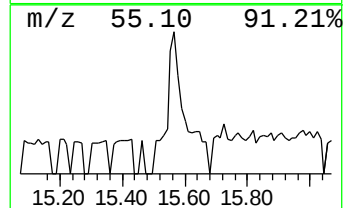
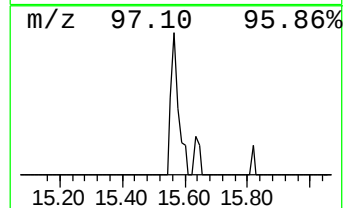
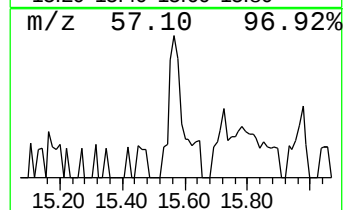
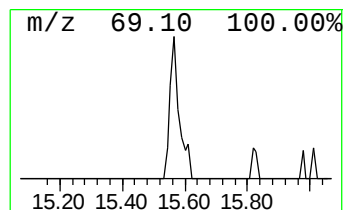
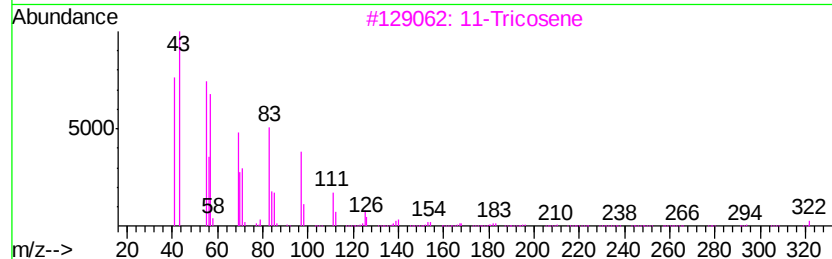
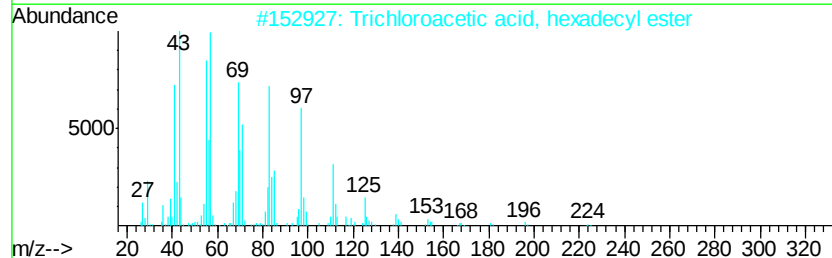
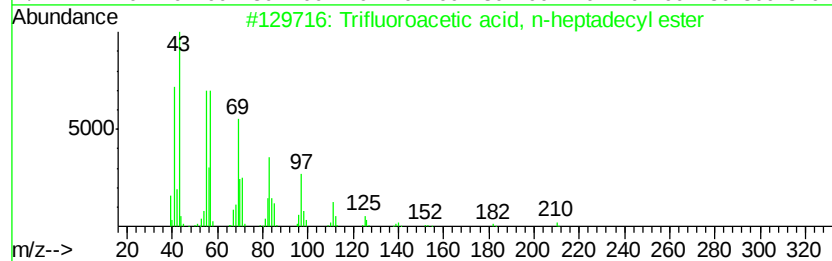
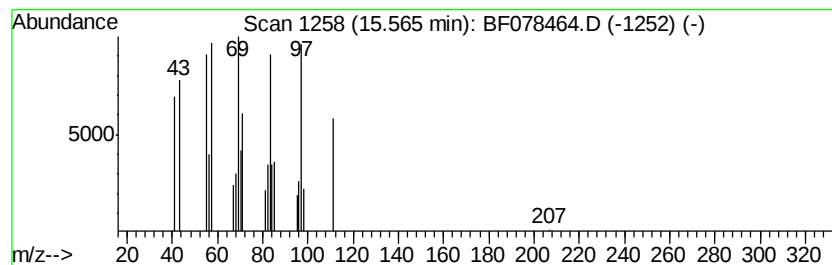
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Trifluoroacetic acid, n-hep... Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.57 | 2.35 ng | 34097 | Chrysene-d12     | 15.65 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Trifluoroacetic acid, n-heptadec... | 324 | C17H31F3O2  | 1000216-79-2 | 87   |
| 2    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 86   |
| 3    |    | 11-Tricosene                        | 322 | C23H46      | 052078-56-5  | 86   |
| 4    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 86   |
| 5    |    | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2  | 007365-36-8  | 80   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 1.26  | 59.7    | ng    | 407625   | 1                     | 6.83  | 136643 | 20.0 |
| 2-Pentanone, 4-hy... | 4.49  | 10.3    | ng    | 70493    | 1                     | 6.83  | 136643 | 20.0 |
| unknown6.54          | 6.54  | 101.8   | ng    | 695278   | 1                     | 6.83  | 136643 | 20.0 |
| Trifluoroacetic a... | 15.57 | 2.4     | ng    | 34097    | 5                     | 15.65 | 290640 | 20.0 |