

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\  
 Data File : BF092279.D  
 Acq On : 14 Jan 2017 12:26  
 Operator : UM/SJ  
 Sample : I1162-12  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-49-COMP

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-BF122116.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         | 4.701       | 252           | 255         | 270          | rBV      | 1458506        | 2520704       | 43.81%          | 5.365%        |
| 2         | 5.170       | 294           | 296         | 312          | rBV      | 4494687        | 5275534       | 91.69%          | 11.229%       |
| 3         | 6.244       | 387           | 390         | 397          | rBV      | 4865906        | 5753579       | 100.00%         | 12.247%       |
| 4         | 6.347       | 397           | 399         | 402          | rVB      | 5381730        | 5079486       | 88.28%          | 10.812%       |
| 5         | 6.576       | 416           | 419         | 421          | rBV      | 1316344        | 1331865       | 23.15%          | 2.835%        |
| 6         | 6.724       | 430           | 432         | 435          | rBV      | 3117842        | 4134482       | 71.86%          | 8.801%        |
| 7         | 7.147       | 466           | 469         | 471          | rBV      | 3393454        | 3465816       | 60.24%          | 7.377%        |
| 8         | 7.856       | 529           | 531         | 534          | rBV      | 1298779        | 1613082       | 28.04%          | 3.434%        |
| 9         | 8.942       | 623           | 626         | 629          | rBV      | 5080939        | 5053920       | 87.84%          | 10.758%       |
| 10        | 9.342       | 659           | 661         | 663          | rBV      | 606983         | 508875        | 8.84%           | 1.083%        |
| 11        | 9.559       | 678           | 680         | 682          | rBV      | 72394          | 66254         | 1.15%           | 0.141%        |
| 12        | 9.605       | 682           | 684         | 687          | rBV      | 1515688        | 1699214       | 29.53%          | 3.617%        |
| 13        | 10.062      | 720           | 724         | 725          | rBV      | 128620         | 135902        | 2.36%           | 0.289%        |
| 14        | 10.279      | 740           | 743         | 746          | rBV      | 47003          | 70910         | 1.23%           | 0.151%        |
| 15        | 10.393      | 751           | 753         | 756          | rBV2     | 1698479        | 2422560       | 42.11%          | 5.157%        |
| 16        | 10.531      | 763           | 765         | 769          | rBV      | 171950         | 198689        | 3.45%           | 0.423%        |
| 17        | 10.976      | 802           | 804         | 805          | rBV      | 117613         | 104839        | 1.82%           | 0.223%        |
| 18        | 11.091      | 811           | 814         | 816          | rBV      | 1037102        | 1384223       | 24.06%          | 2.946%        |
| 19        | 11.639      | 860           | 862         | 866          | rBV      | 49201          | 63706         | 1.11%           | 0.136%        |
| 20        | 12.668      | 950           | 952         | 955          | rBV      | 2905348        | 3036018       | 52.77%          | 6.462%        |
| 21        | 13.159      | 992           | 995         | 998          | rBV      | 450906         | 477801        | 8.30%           | 1.017%        |
| 22        | 13.605      | 1030          | 1034        | 1041         | rBV2     | 87471          | 227594        | 3.96%           | 0.484%        |
| 23        | 13.708      | 1041          | 1043        | 1046         | rVV      | 1076701        | 1219648       | 21.20%          | 2.596%        |
| 24        | 15.068      | 1159          | 1162        | 1164         | rBV      | 907880         | 1074714       | 18.68%          | 2.288%        |
| 25        | 16.920      | 1322          | 1324        | 1330         | rVB4     | 20519          | 60609         | 1.05%           | 0.129%        |

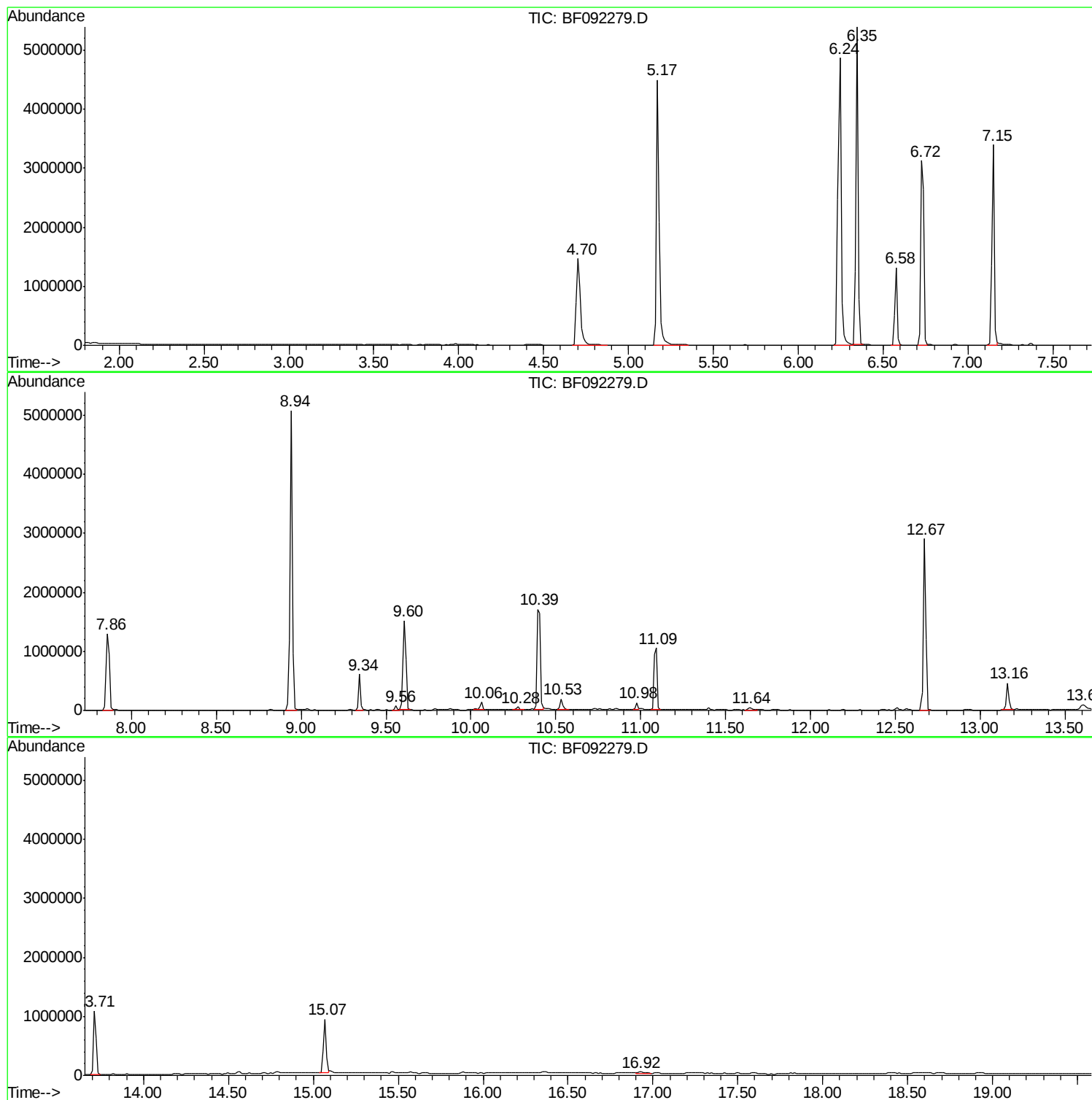
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ALS Vial : 38 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
SB-49-COMP

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.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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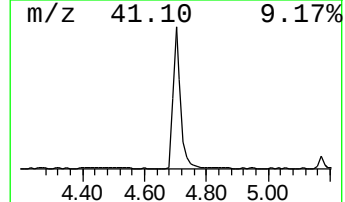
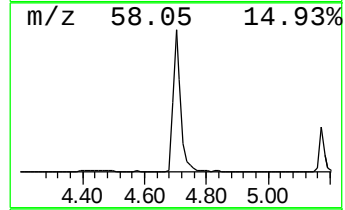
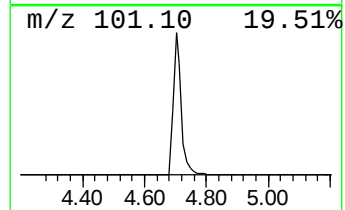
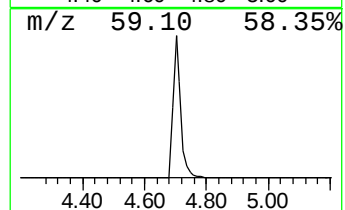
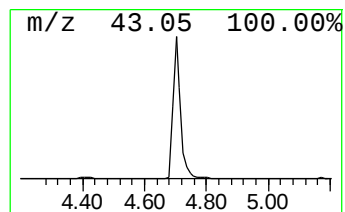
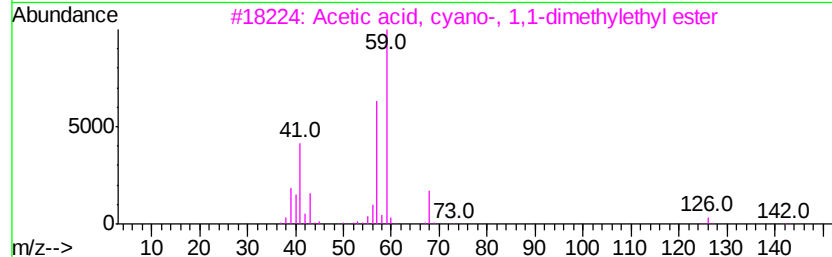
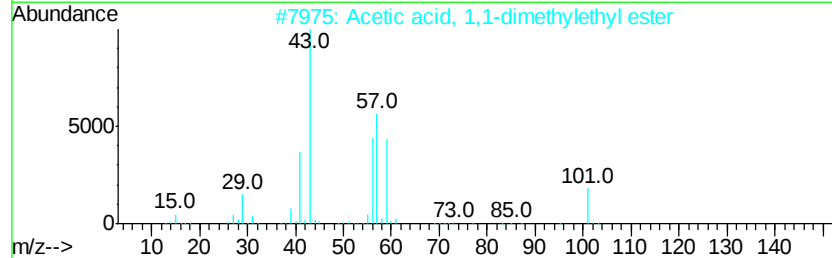
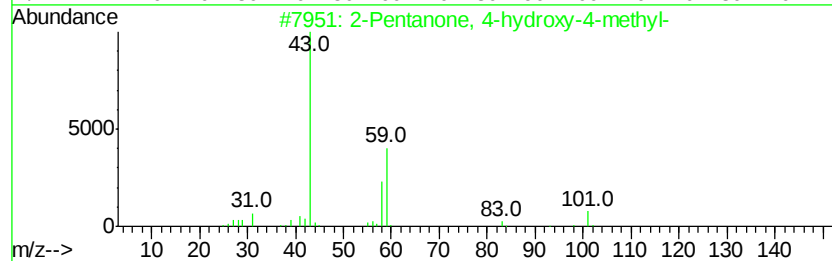
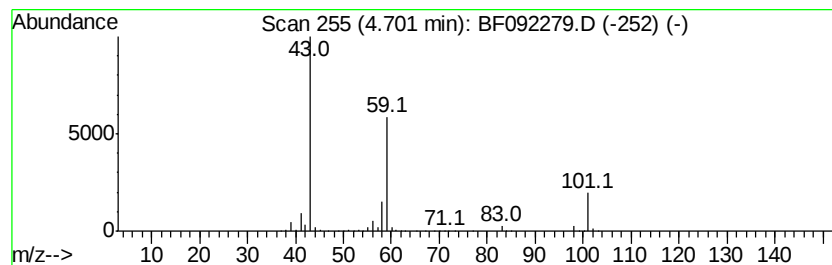
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 4.70 | 37.85 ng | 2520700 | 1,4-Dichlorobenzene-d4 | 6.58 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 4    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |
| 5    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |



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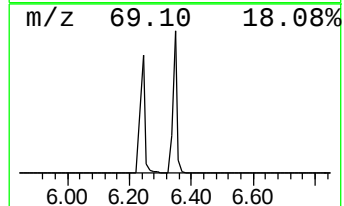
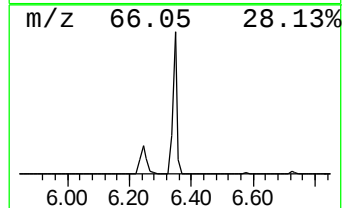
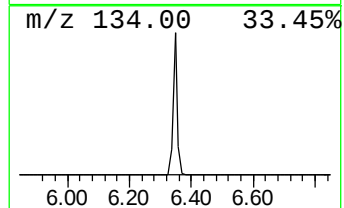
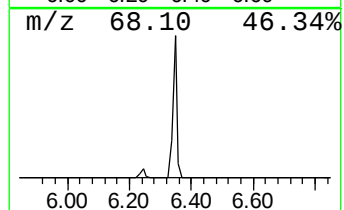
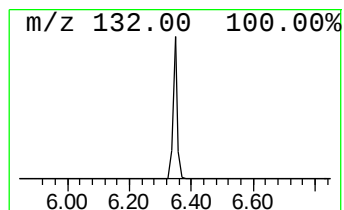
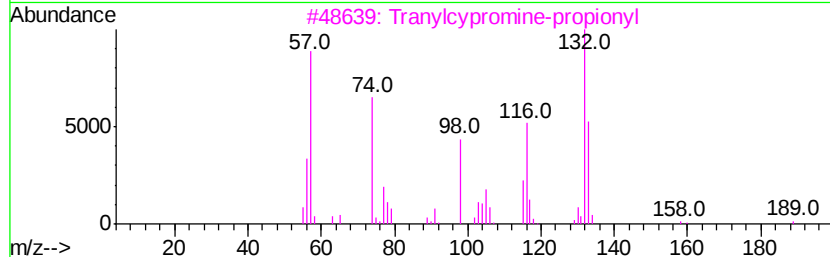
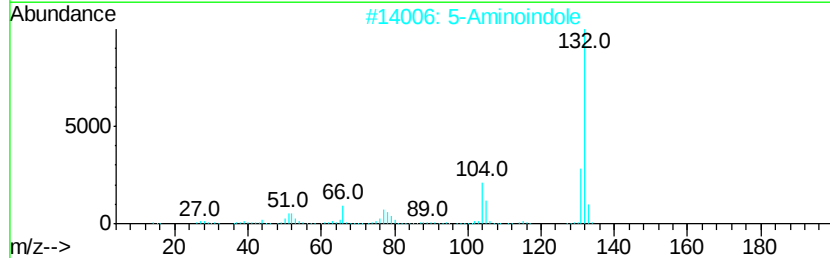
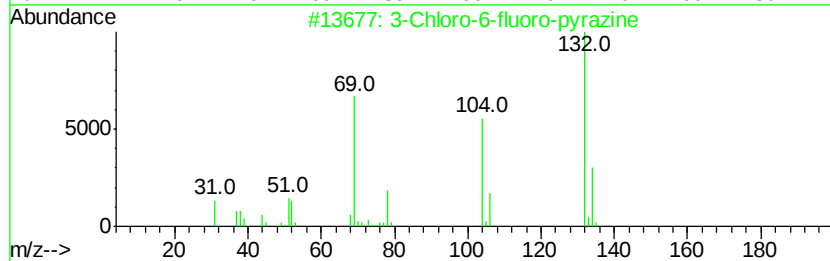
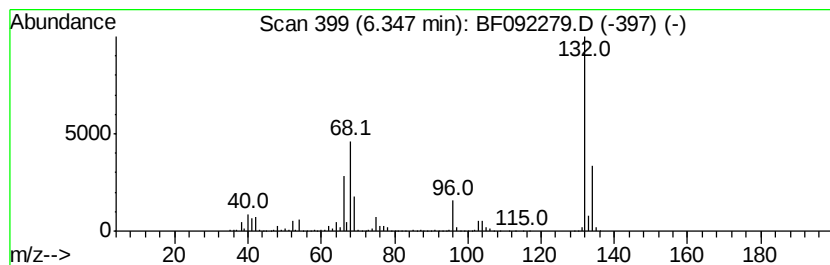
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.35 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.35 | 76.28 ng | 5079490 | 1,4-Dichlorobenzene-d4 | 6.58 |

| Hit# | of                                  | Tentative ID | MW        | MolForm      | CAS# | Qual |
|------|-------------------------------------|--------------|-----------|--------------|------|------|
| 1    | 3-Chloro-6-fluoro-pyrazine          | 132          | C4H2ClFN2 | 1000146-10-7 | 27   |      |
| 2    | 5-Aminoindole                       | 132          | C8H8N2    | 005192-03-0  | 12   |      |
| 3    | Tranvlcyproline-propionyl           | 189          | C12H15NO  | 1000123-86-3 | 10   |      |
| 4    | Benzene, 1,3,5-trifluoro-           | 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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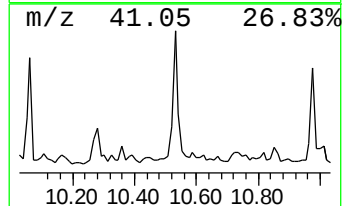
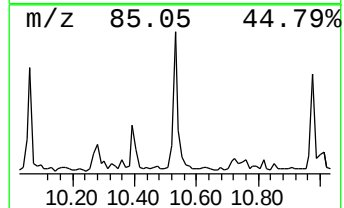
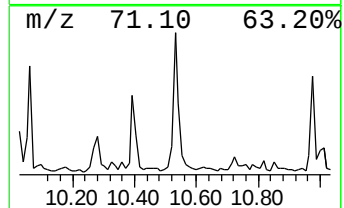
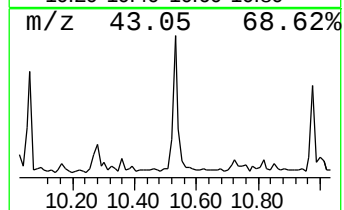
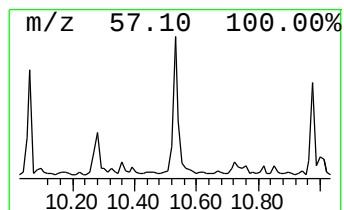
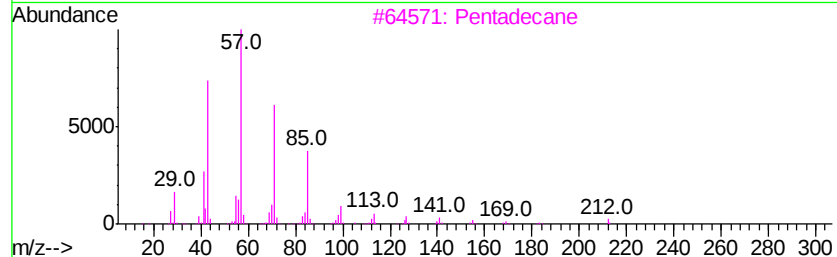
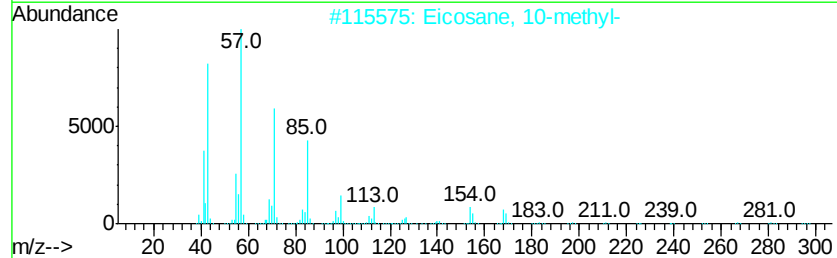
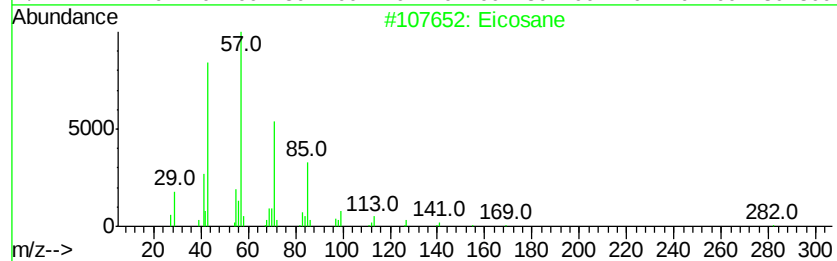
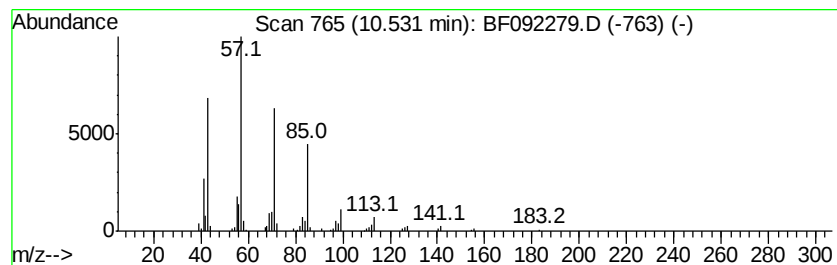
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Eicosane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.53 | 2.87 ng | 198689 | Phenanthrene-d10 | 11.09 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane             | 282 | C20H42  | 000112-95-8 | 91   |
| 2    |    | Eicosane, 10-methyl- | 296 | C21H44  | 054833-23-7 | 90   |
| 3    |    | Pentadecane          | 212 | C15H32  | 000629-62-9 | 90   |
| 4    |    | Heneicosane          | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    | Tetradecane          | 198 | C14H30  | 000629-59-4 | 86   |



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Instrument :  
BNA\_F  
ClientSampleId :  
SB-49-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

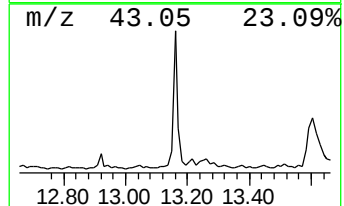
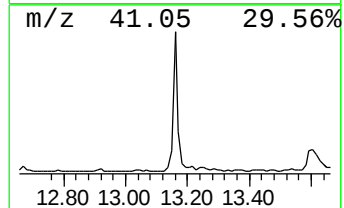
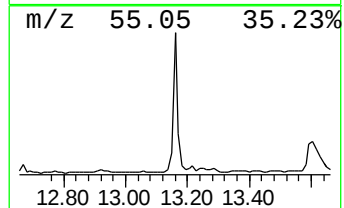
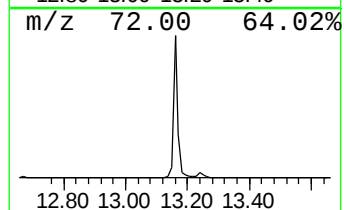
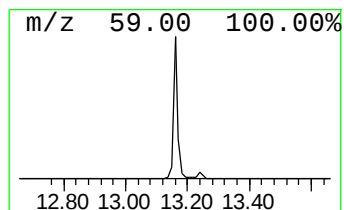
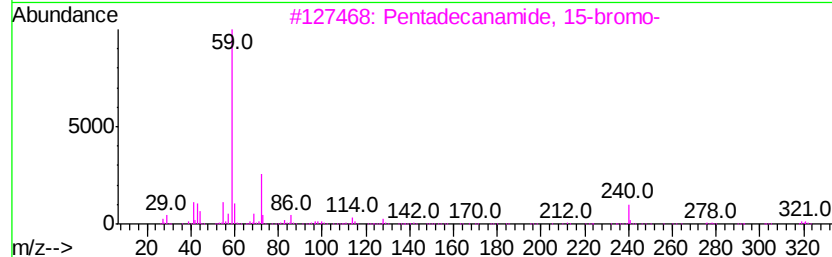
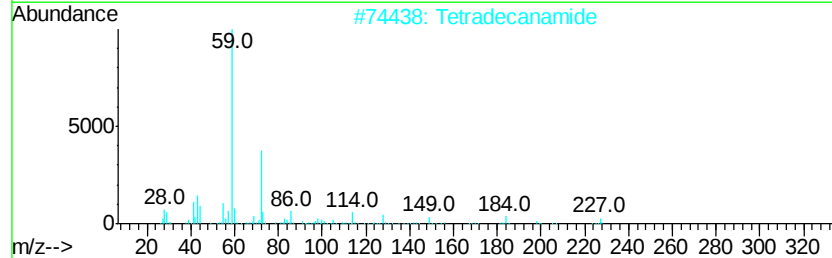
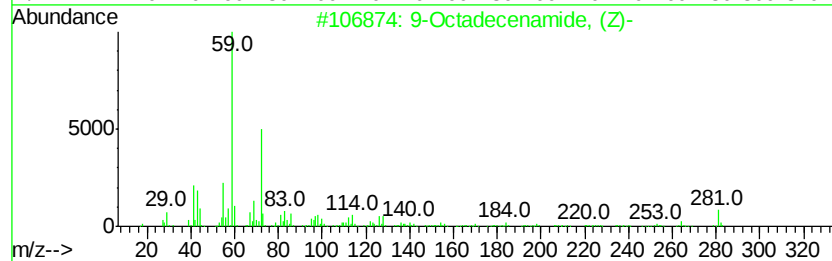
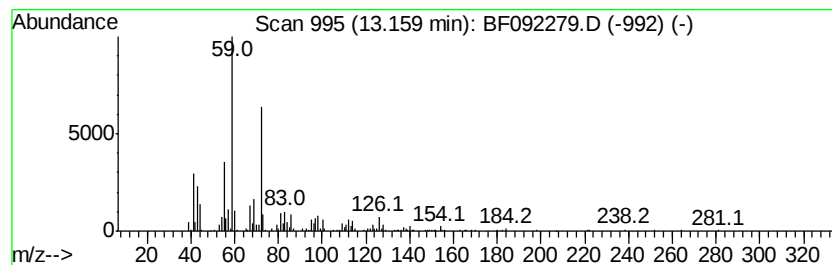
TIC Library : C:\DATABASE\NIST02.L  
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Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.16 | 7.84 ng | 477801 | Chrysene-d12     | 13.71 |

| Hit# | of | Tentative ID               | MW  | MolForm    | CAS#         | Qual |
|------|----|----------------------------|-----|------------|--------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)-     | 281 | C18H35NO   | 000301-02-0  | 64   |
| 2    |    | Tetradecanamide            | 227 | C14H29NO   | 000638-58-4  | 64   |
| 3    |    | Pentadecanamide, 15-bromo- | 319 | C15H30BrNO | 1000163-86-1 | 59   |
| 4    |    | Decanamide-                | 171 | C10H21NO   | 002319-29-1  | 53   |
| 5    |    | Nonanamide                 | 157 | C9H19NO    | 001120-07-6  | 53   |



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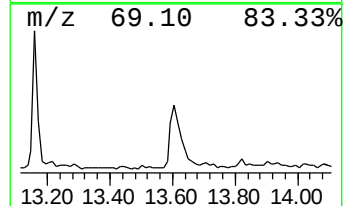
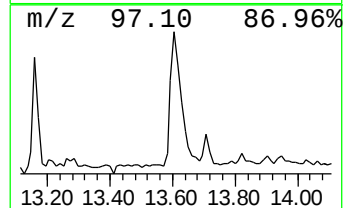
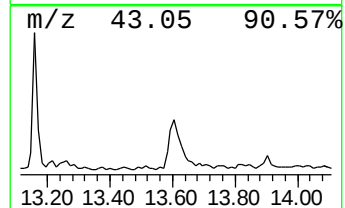
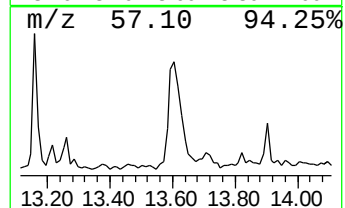
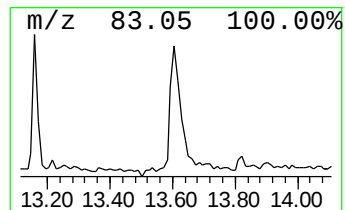
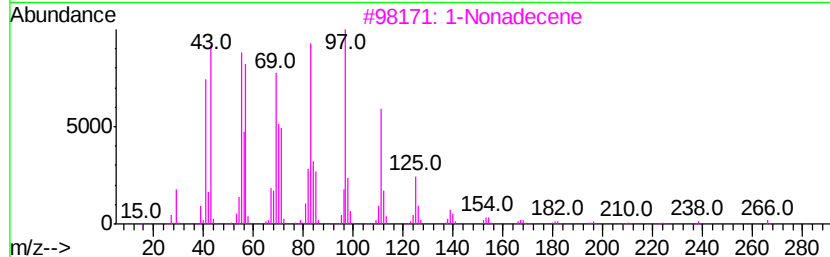
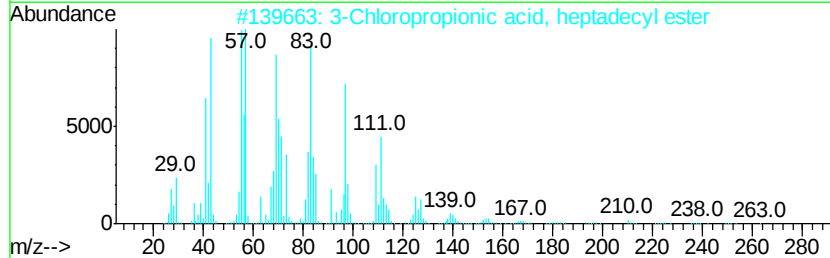
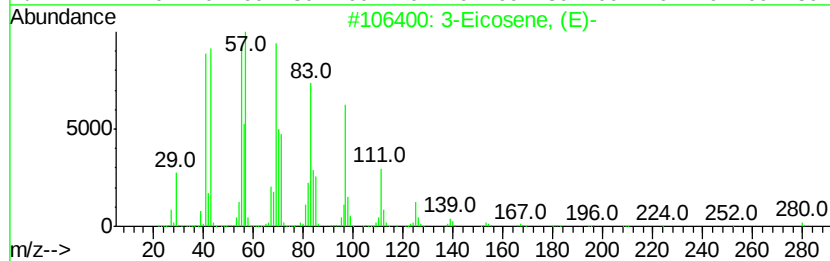
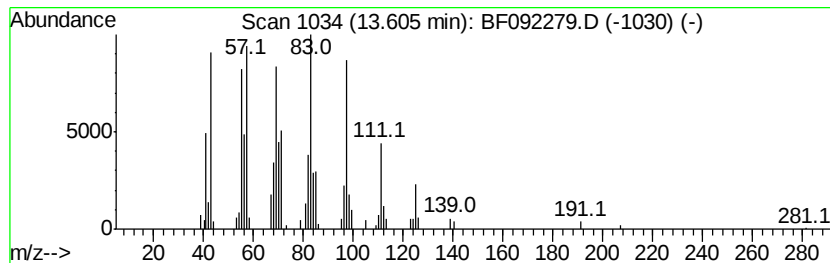
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 3-Eicosene, (E)- Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.61 | 3.73 ng | 227594 | Chrysene-d12     | 13.71 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 3-Eicosene, (E)-                    | 280 | C20H40     | 074685-33-9  | 91   |
| 2    |    | 3-Chloropropionic acid, heptadec... | 346 | C20H39ClO2 | 1000283-05-1 | 91   |
| 3    |    | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5  | 91   |
| 4    |    | Acetic acid, chloro-, hexadecyl ... | 318 | C18H35ClO2 | 052132-58-8  | 87   |
| 5    |    | 2-Chloropropionic acid, octadec...  | 360 | C21H41ClO2 | 088104-31-8  | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF011317\  
Data File : BF092279.D  
Acq On : 14 Jan 2017 12:26  
Operator : UM/SJ  
Sample : I1162-12  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-49-COMP

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.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...  | 4.70  | 37.9    | ng    | 2520700  | 1                     | 6.58  | 1331870 | 20.0 |
| unknown6.35           | 6.35  | 76.3    | ng    | 5079490  | 1                     | 6.58  | 1331870 | 20.0 |
| Eicosane              | 10.53 | 2.9     | ng    | 198689   | 4                     | 11.09 | 1384220 | 20.0 |
| 9-Octadecenamide, ... | 13.16 | 7.8     | ng    | 477801   | 5                     | 13.71 | 1219650 | 20.0 |
| 3-Eicosene, (E)-      | 13.61 | 3.7     | ng    | 227594   | 5                     | 13.71 | 1219650 | 20.0 |