

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\  
 Data File : BG046561.D  
 Acq On : 8 Sep 2020 17:15  
 Operator : CG/JU  
 Sample : L3919-14  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-14

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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG082520.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         | 3.126       | 3             | 6           | 20           | rVB      | 301342         | 404348        | 10.51%          | 2.177%        |
| 2         | 5.041       | 327           | 332         | 338          | rBV      | 25542          | 40889         | 1.06%           | 0.220%        |
| 3         | 5.512       | 405           | 412         | 431          | rBV      | 699736         | 1149362       | 29.87%          | 6.189%        |
| 4         | 7.104       | 675           | 683         | 698          | rBV      | 686552         | 1228837       | 31.93%          | 6.617%        |
| 5         | 7.926       | 817           | 823         | 833          | rVB      | 220203         | 363390        | 9.44%           | 1.957%        |
| 6         | 9.084       | 1011          | 1020        | 1034         | rBV      | 455570         | 847354        | 22.02%          | 4.563%        |
| 7         | 10.723      | 1292          | 1299        | 1312         | rBV      | 287743         | 534806        | 13.90%          | 2.880%        |
| 8         | 13.179      | 1710          | 1717        | 1731         | rBV      | 1357158        | 2202906       | 57.24%          | 11.862%       |
| 9         | 14.013      | 1852          | 1859        | 1870         | rBV      | 64025          | 114960        | 2.99%           | 0.619%        |
| 10        | 14.560      | 1945          | 1952        | 1973         | rBV      | 521730         | 852465        | 22.15%          | 4.590%        |
| 11        | 16.046      | 2199          | 2205        | 2221         | rBV      | 1085030        | 1777760       | 46.19%          | 9.573%        |
| 12        | 17.304      | 2412          | 2419        | 2425         | rBV      | 738200         | 1147128       | 29.81%          | 6.177%        |
| 13        | 19.354      | 2762          | 2768        | 2773         | rBV      | 66059          | 92444         | 2.40%           | 0.498%        |
| 14        | 19.713      | 2821          | 2829        | 2837         | rBV      | 60785          | 117182        | 3.04%           | 0.631%        |
| 15        | 19.918      | 2857          | 2864        | 2875         | rBV      | 2889815        | 3848517       | 100.00%         | 20.723%       |
| 16        | 20.723      | 2995          | 3001        | 3005         | rBV4     | 25543          | 40188         | 1.04%           | 0.216%        |
| 17        | 21.211      | 3079          | 3084        | 3094         | rBV      | 279777         | 453093        | 11.77%          | 2.440%        |
| 18        | 21.546      | 3133          | 3141        | 3148         | rBV2     | 786348         | 1391933       | 36.17%          | 7.495%        |
| 19        | 21.751      | 3172          | 3176        | 3183         | rVB4     | 37358          | 55301         | 1.44%           | 0.298%        |
| 20        | 22.356      | 3272          | 3279        | 3288         | rBV3     | 61954          | 167864        | 4.36%           | 0.904%        |
| 21        | 23.009      | 3385          | 3390        | 3395         | rVB3     | 23315          | 42742         | 1.11%           | 0.230%        |
| 22        | 23.338      | 3441          | 3446        | 3452         | rVB2     | 52564          | 96347         | 2.50%           | 0.519%        |
| 23        | 23.784      | 3517          | 3522        | 3526         | rBV2     | 35223          | 61841         | 1.61%           | 0.333%        |
| 24        | 23.843      | 3526          | 3532        | 3540         | rVB5     | 37307          | 90491         | 2.35%           | 0.487%        |
| 25        | 24.648      | 3659          | 3669        | 3690         | rVB2     | 459108         | 1339646       | 34.81%          | 7.214%        |
| 26        | 25.770      | 3854          | 3860        | 3870         | rVB2     | 42140          | 109509        | 2.85%           | 0.590%        |

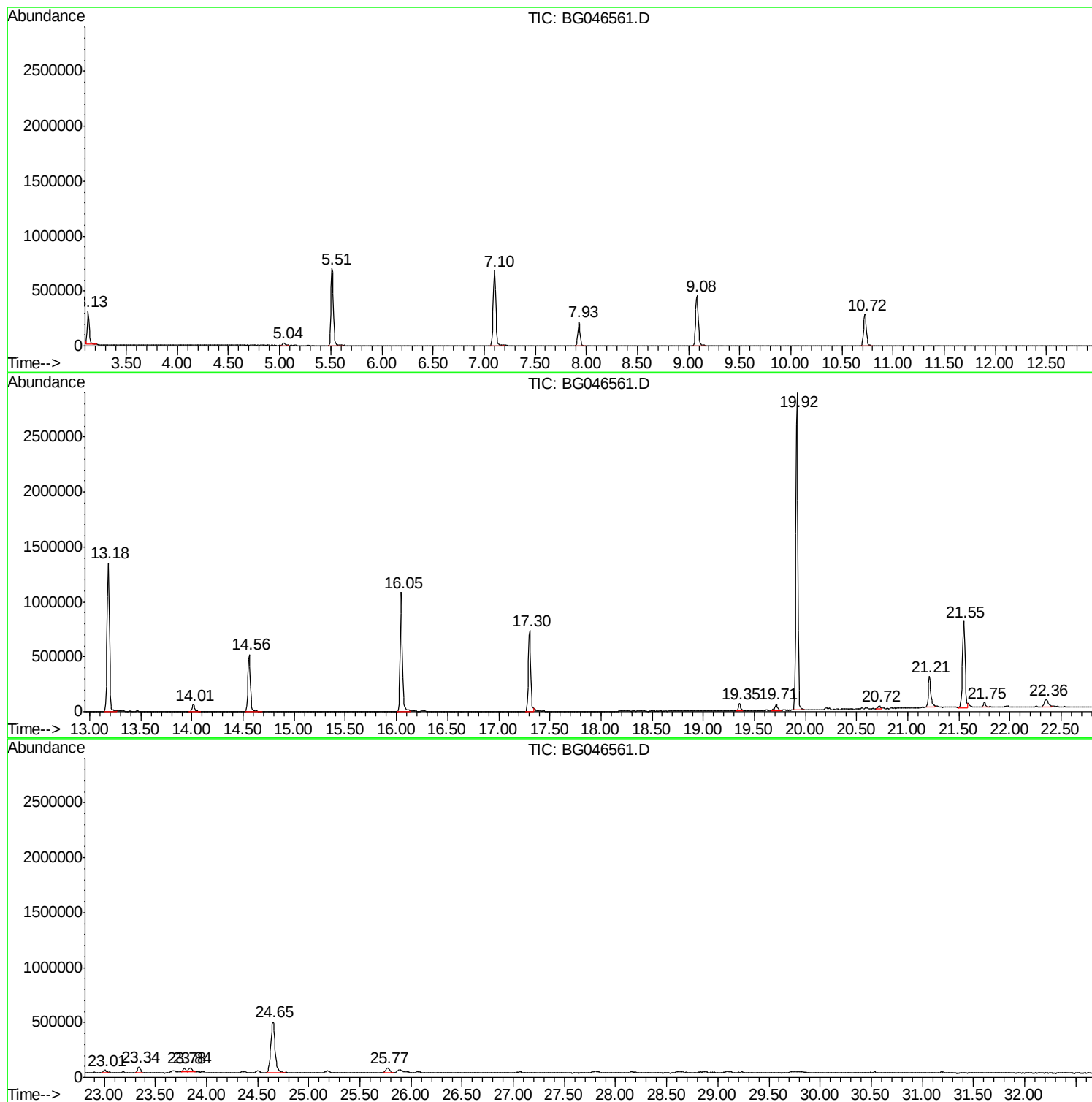
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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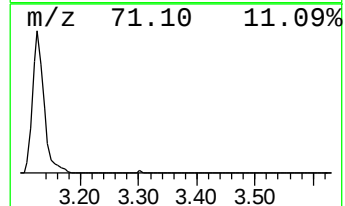
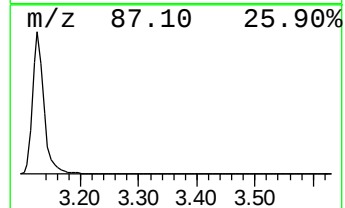
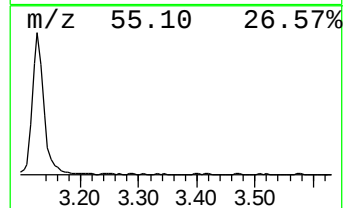
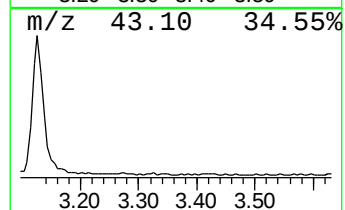
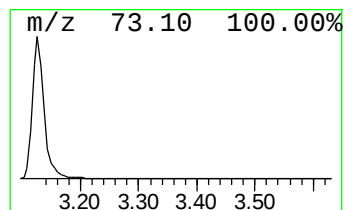
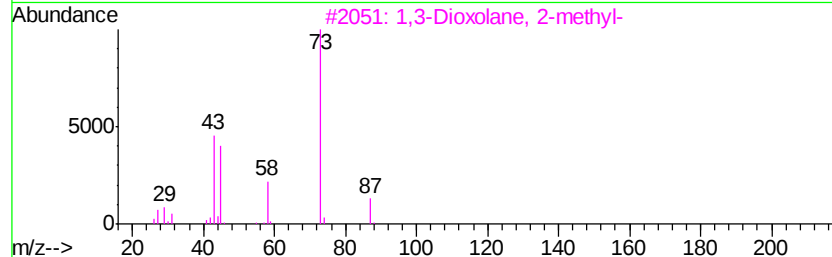
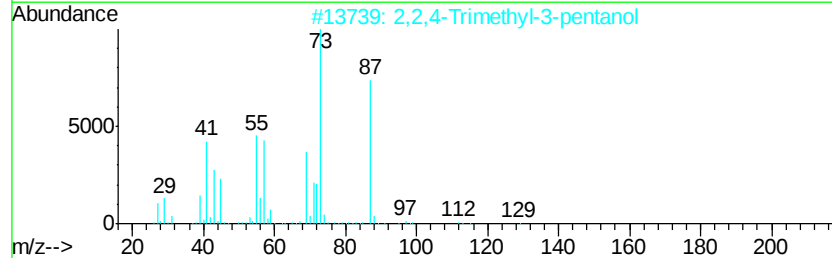
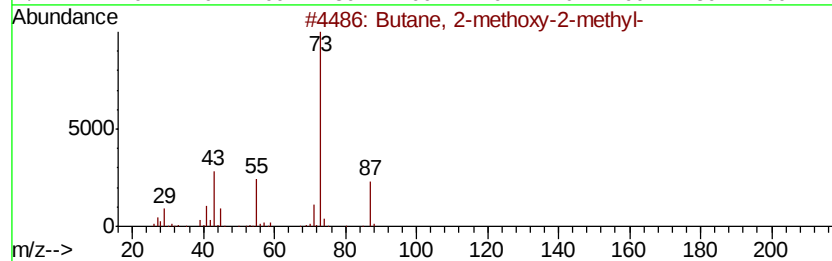
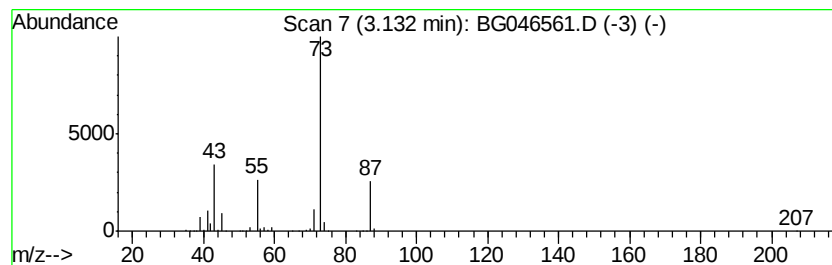
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.13 | 22.25 ng | 404348 | 1,4-Dichlorobenzene-d4 | 7.93 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 32   |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 14   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
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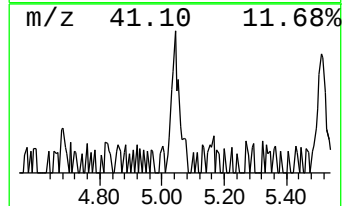
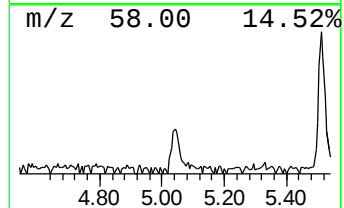
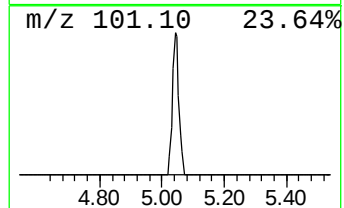
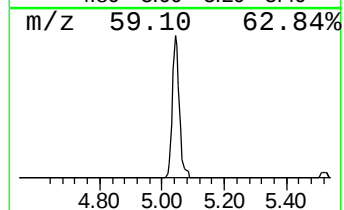
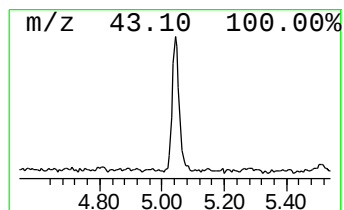
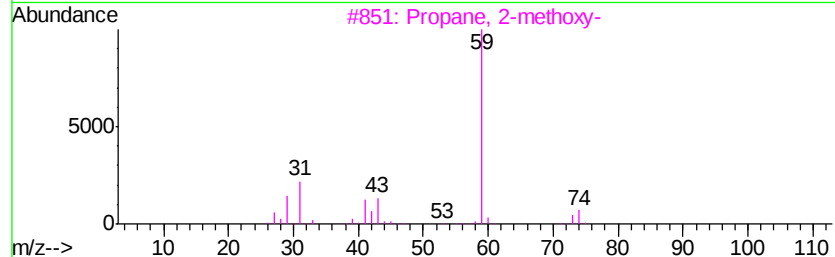
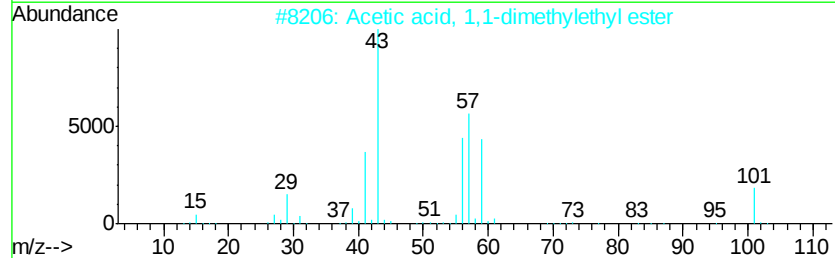
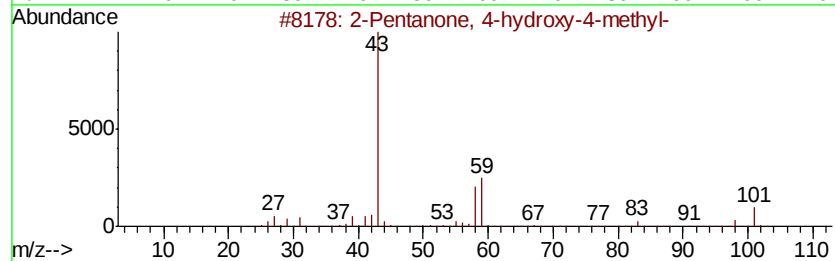
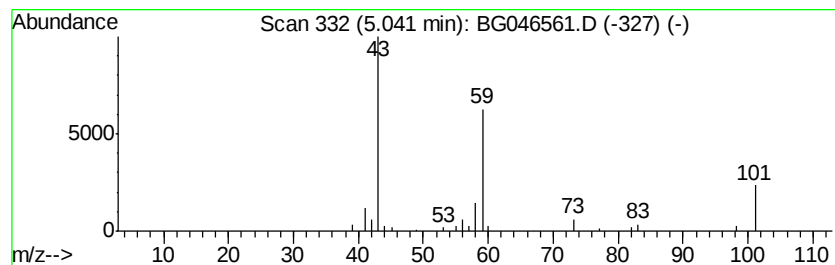
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.04 | 2.25 ng | 40889 | 1,4-Dichlorobenzene-d4 | 7.93 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 45   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38   |
| 3    |    | Propane, 2-methoxy-                 | 74  | C4H10O  | 000598-53-8 | 17   |
| 4    |    | 3-Hydroxy-3-methyl-2-butanone       | 102 | C5H10O2 | 000115-22-0 | 12   |
| 5    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2 | 016504-58-8 | 9    |



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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
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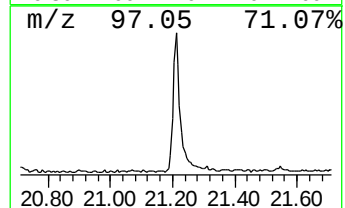
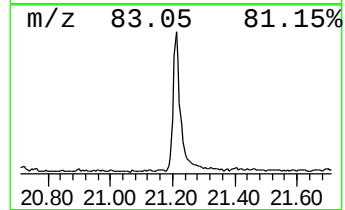
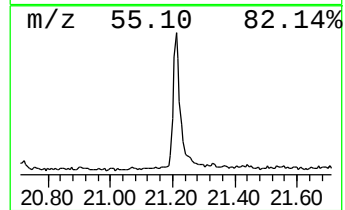
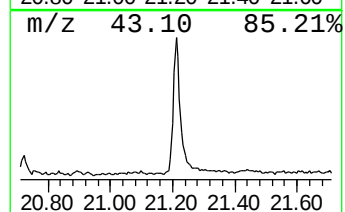
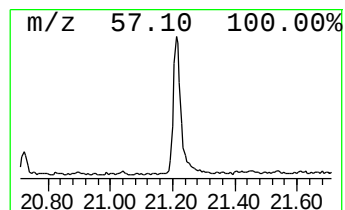
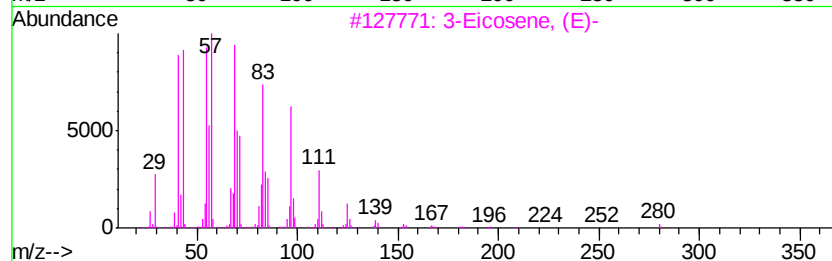
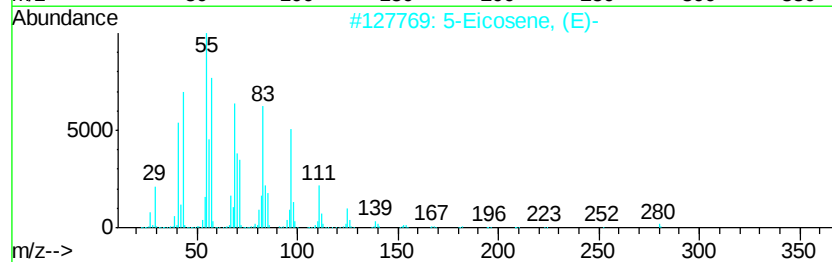
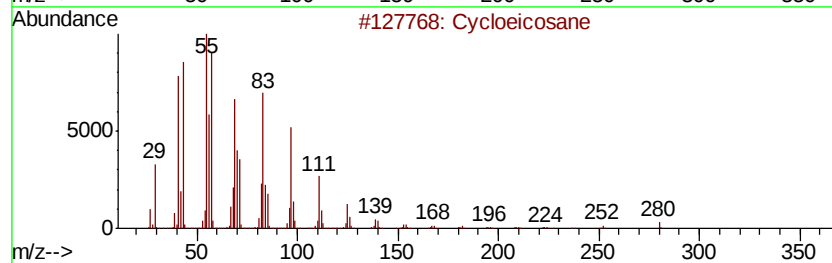
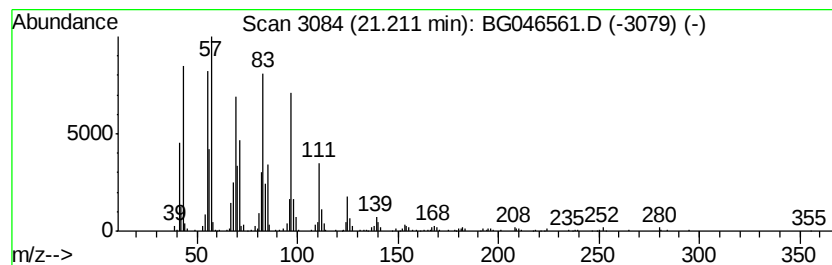
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Cycloeicosane Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.21 | 6.51 ng | 453093 | Chrysene-d12     | 21.55 |

| Hit# of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|---------|---|----------------------|-----|----------|-------------|------|
| 1       |   | Cycloeicosane        | 280 | C20H40   | 000296-56-0 | 98   |
| 2       |   | 5-Eicosene, (E)-     | 280 | C20H40   | 074685-30-6 | 97   |
| 3       |   | 3-Eicosene, (E)-     | 280 | C20H40   | 074685-33-9 | 96   |
| 4       |   | 1-Octadecene         | 252 | C18H36   | 000112-88-9 | 95   |
| 5       |   | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 95   |



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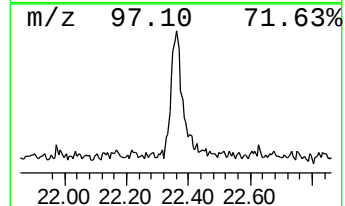
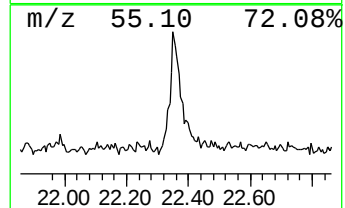
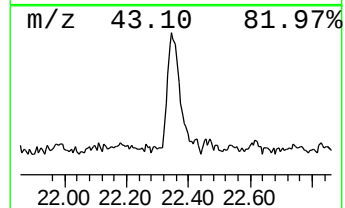
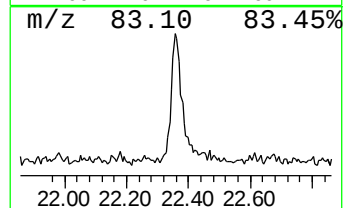
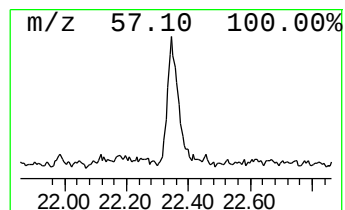
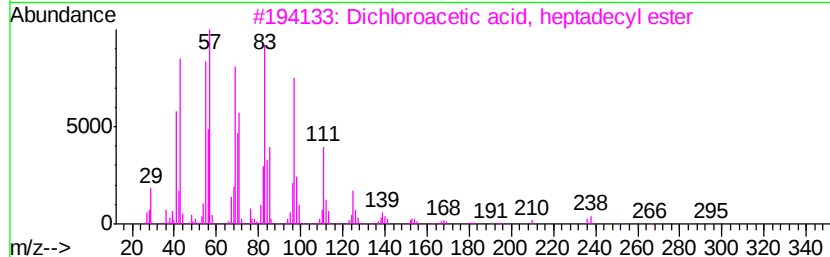
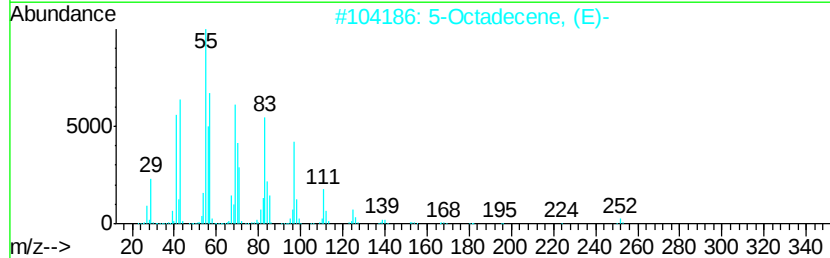
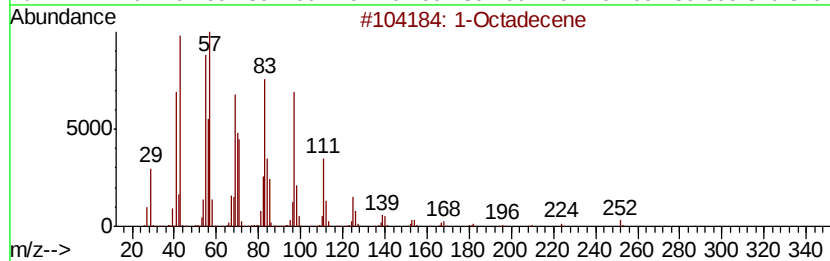
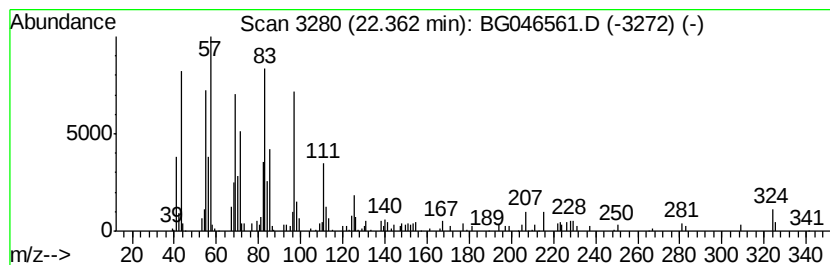
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Peak Number 4 1-Octadecene Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.36 | 2.41 ng | 167864 | Chrysene-d12     | 21.55 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|-------------|--------------|------|
| 1       | 1-Octadecene                        |              | 252 | C18H36      | 000112-88-9  | 96   |
| 2       | 5-Octadecene, (E)-                  |              | 252 | C18H36      | 007206-21-5  | 95   |
| 3       | Dichloroacetic acid, heptadecyl ... |              | 366 | C19H36Cl2O2 | 1000282-98-2 | 93   |
| 4       | n-Pentadecanol                      |              | 228 | C15H32O     | 000629-76-5  | 92   |
| 5       | Cyclopentadecane                    |              | 210 | C15H30      | 000295-48-7  | 91   |



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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 |
| Butane, 2-methoxy... | 3.13  | 22.3    | ng    | 404348   | 1                     | 7.93  | 363390  | 20.0 |
| 2-Pentanone, 4-hy... | 5.04  | 2.3     | ng    | 40889    | 1                     | 7.93  | 363390  | 20.0 |
| Cycloeicosane        | 21.21 | 6.5     | ng    | 453093   | 5                     | 21.55 | 1391930 | 20.0 |
| 1-Octadecene         | 22.36 | 2.4     | ng    | 167864   | 5                     | 21.55 | 1391930 | 20.0 |