

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051415\  
 Data File : BG017145.D  
 Acq On : 14 May 2015 17:50  
 Operator : TP/IZ  
 Sample : G2177-13  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-24(20-25)

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\_G\METHODS\8270-BG051315.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         | 2.793       | 14            | 18          | 27           | rBV2     | 126836         | 189786        | 3.96%           | 0.754%        |
| 2         | 2.870       | 27            | 31          | 37           | rBV      | 910939         | 1057737       | 22.05%          | 4.205%        |
| 3         | 4.803       | 354           | 360         | 367          | rBV2     | 126566         | 234798        | 4.89%           | 0.933%        |
| 4         | 5.296       | 438           | 444         | 454          | rBV      | 1292759        | 1860663       | 38.78%          | 7.397%        |
| 5         | 6.906       | 711           | 718         | 727          | rBV      | 1418082        | 2155737       | 44.93%          | 8.569%        |
| 6         | 7.247       | 769           | 776         | 783          | rBV      | 1345486        | 2040621       | 42.53%          | 8.112%        |
| 7         | 7.705       | 848           | 854         | 862          | rVB      | 222422         | 347085        | 7.23%           | 1.380%        |
| 8         | 8.023       | 901           | 908         | 915          | rBV      | 865317         | 1382223       | 28.81%          | 5.495%        |
| 9         | 8.869       | 1044          | 1052        | 1060         | rBV      | 794648         | 1287356       | 26.83%          | 5.118%        |
| 10        | 10.502      | 1322          | 1330        | 1340         | rVB      | 293786         | 493675        | 10.29%          | 1.962%        |
| 11        | 12.982      | 1743          | 1752        | 1758         | rBV      | 1914932        | 2725911       | 56.82%          | 10.836%       |
| 12        | 13.822      | 1887          | 1895        | 1899         | rBV      | 66659          | 94260         | 1.96%           | 0.375%        |
| 13        | 14.362      | 1980          | 1987        | 1993         | rVB2     | 453189         | 684475        | 14.27%          | 2.721%        |
| 14        | 15.855      | 2235          | 2241        | 2249         | rBV      | 1888076        | 2525419       | 52.64%          | 10.039%       |
| 15        | 17.106      | 2448          | 2454        | 2461         | rBV2     | 632467         | 905388        | 18.87%          | 3.599%        |
| 16        | 17.230      | 2467          | 2475        | 2485         | rVB5     | 44842          | 72598         | 1.51%           | 0.289%        |
| 17        | 18.011      | 2603          | 2608        | 2616         | rBV2     | 67523          | 92254         | 1.92%           | 0.367%        |
| 18        | 19.744      | 2897          | 2903        | 2913         | rBV      | 4026012        | 4797579       | 100.00%         | 19.071%       |
| 19        | 21.007      | 3113          | 3118        | 3126         | rBV2     | 126851         | 179361        | 3.74%           | 0.713%        |
| 20        | 21.207      | 3149          | 3152        | 3157         | rVB      | 45945          | 55711         | 1.16%           | 0.221%        |
| 21        | 21.289      | 3161          | 3166        | 3172         | rVV      | 816415         | 1007964       | 21.01%          | 4.007%        |
| 22        | 23.557      | 3545          | 3552        | 3560         | rVB2     | 532182         | 965331        | 20.12%          | 3.837%        |

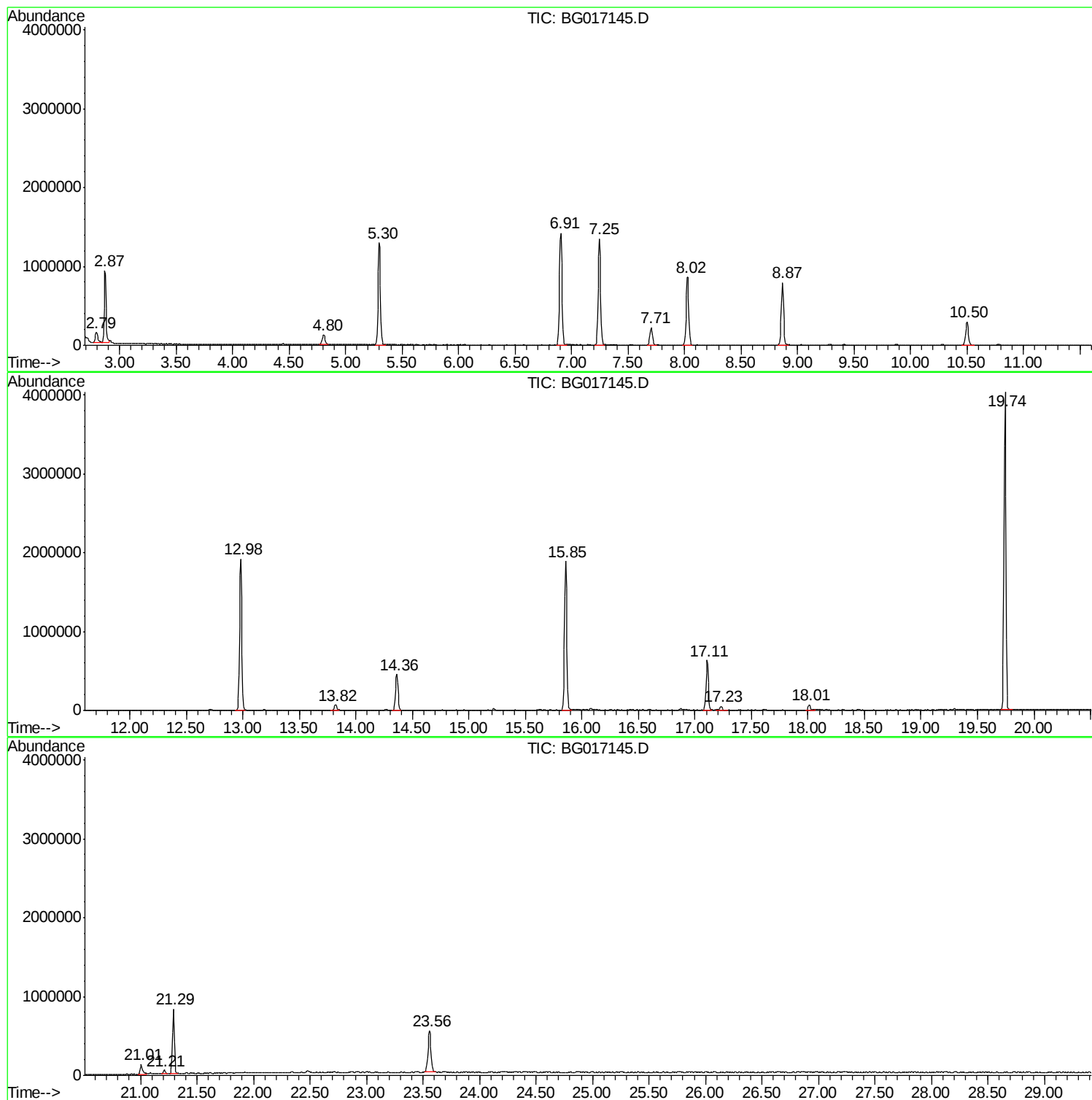
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PS-24(20-25)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.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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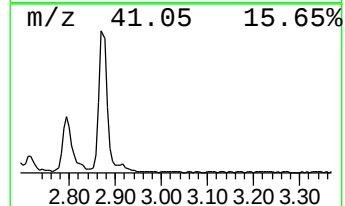
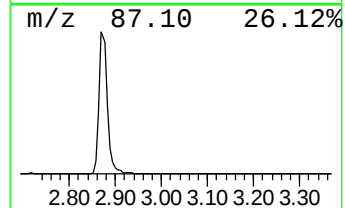
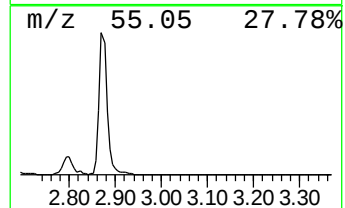
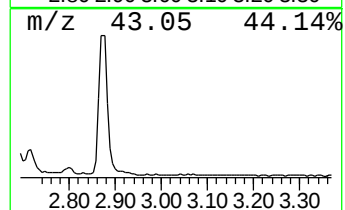
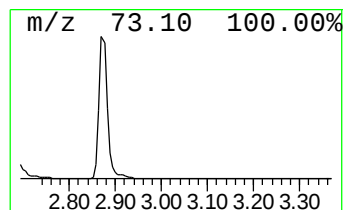
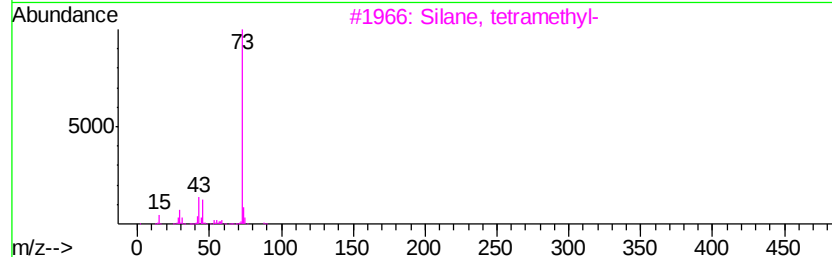
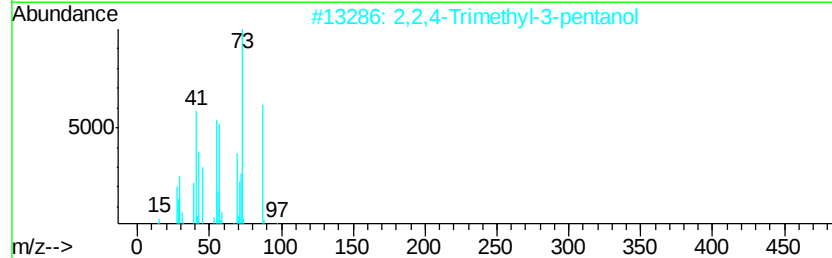
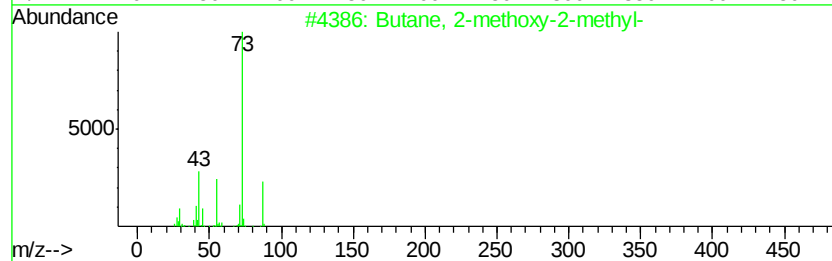
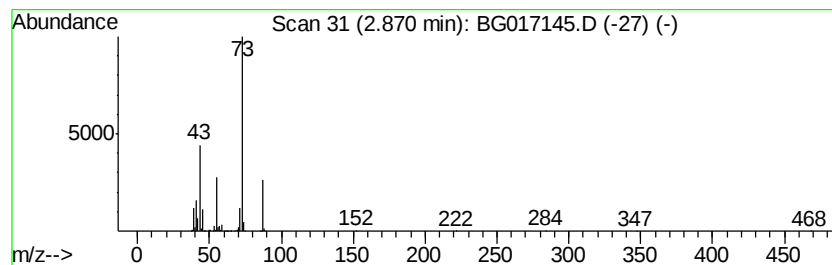
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 2.87 | 60.95 ng | 1057740 | 1,4-Dichlorobenzene-d4 | 7.71 |

| 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 | 39   |
| 3    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 16   |
| 4    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 12   |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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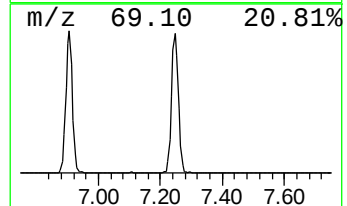
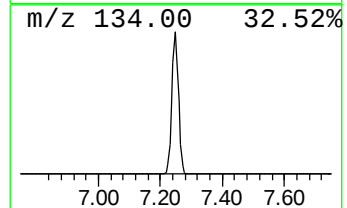
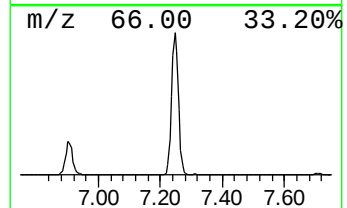
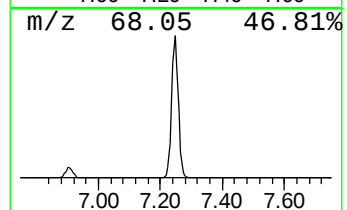
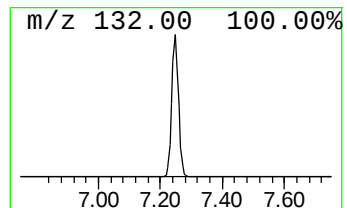
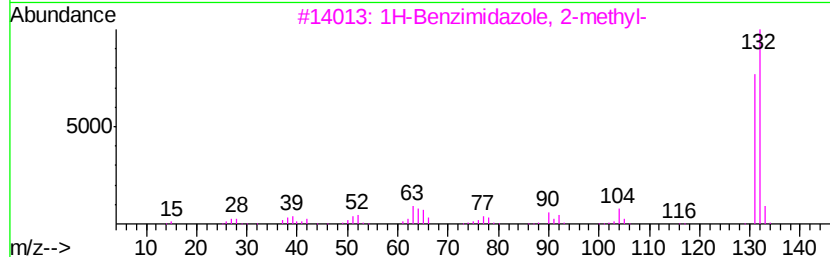
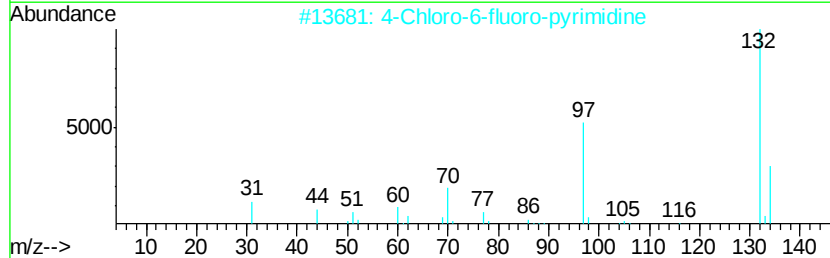
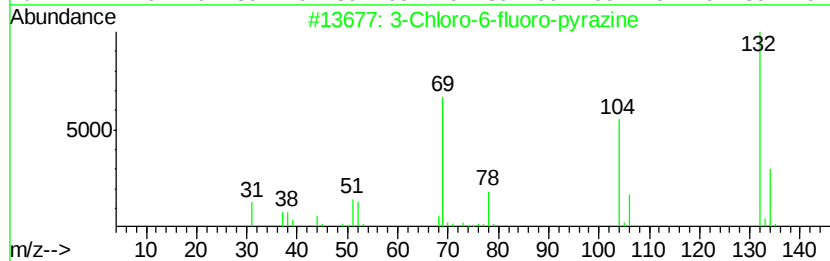
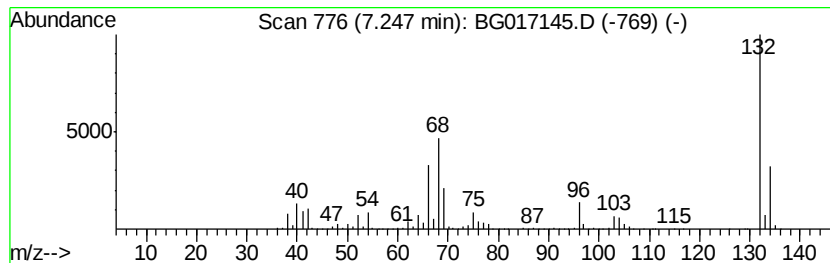
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 unknown7.25 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.25 | 117.59 ng | 2040620 | 1,4-Dichlorobenzene-d4 | 7.71 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine         | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 4-Chloro-6-fluoro-pyrimidine       | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    |   | 1H-Benzimidazole, 2-methyl-        | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    |   | 5-Fluoro-2-chloropyrimidine        | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 5    |    |   | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 12   |



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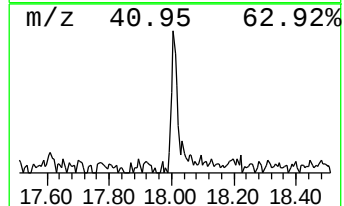
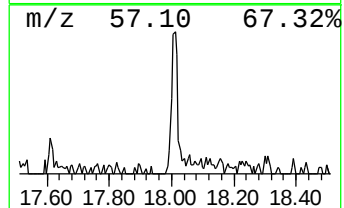
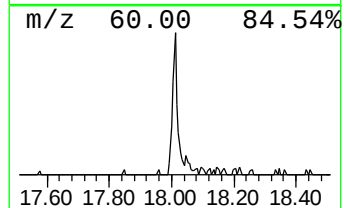
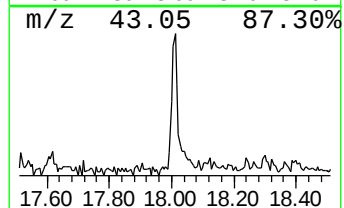
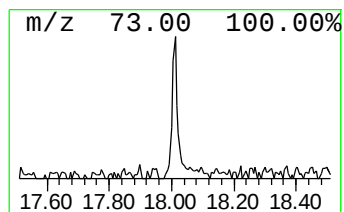
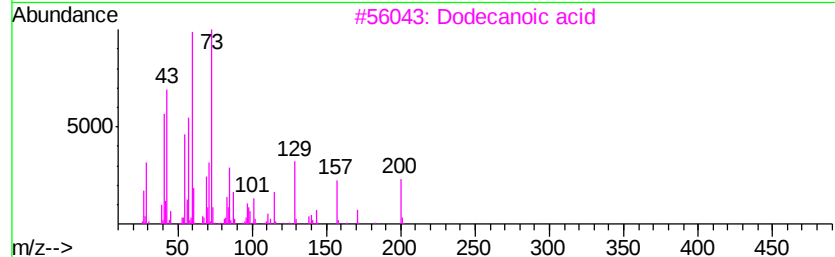
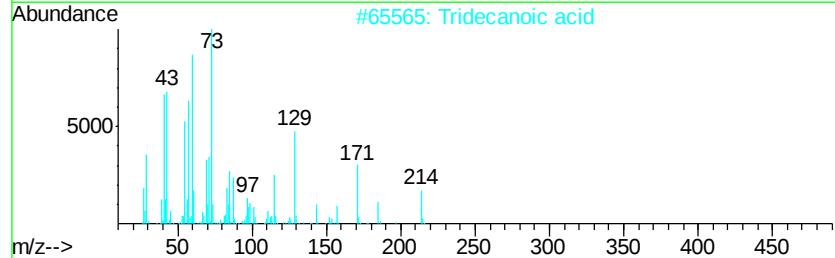
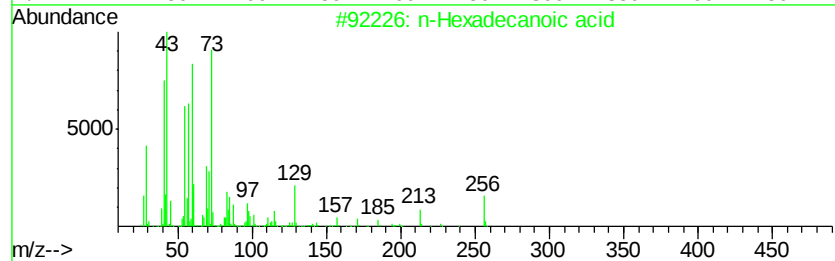
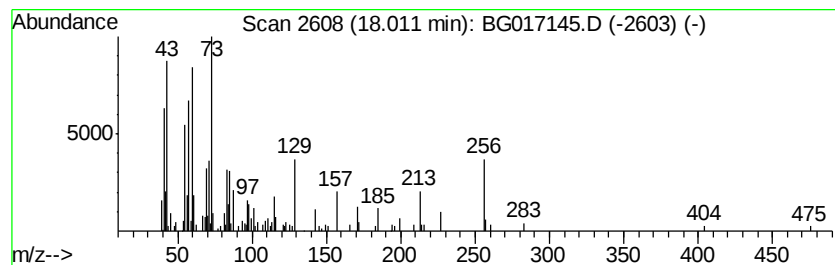
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.01 | 2.04 ng | 92254 | Phenanthrene-d10 | 17.11 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 3       |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 74   |
| 4       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 62   |
| 5       |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 58   |



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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PS-24(20-25)

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.M  
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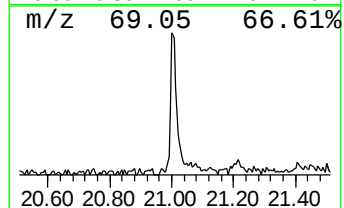
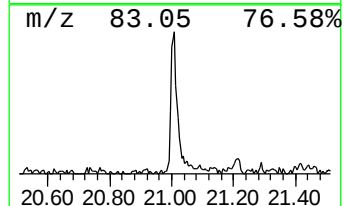
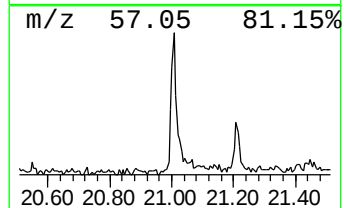
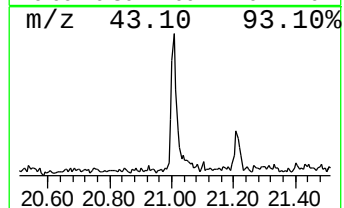
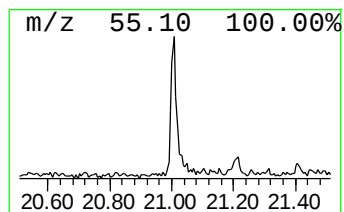
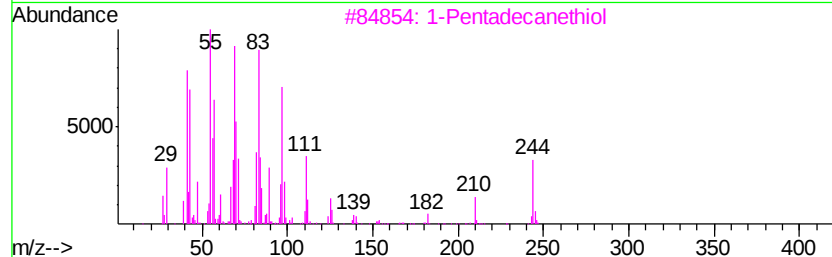
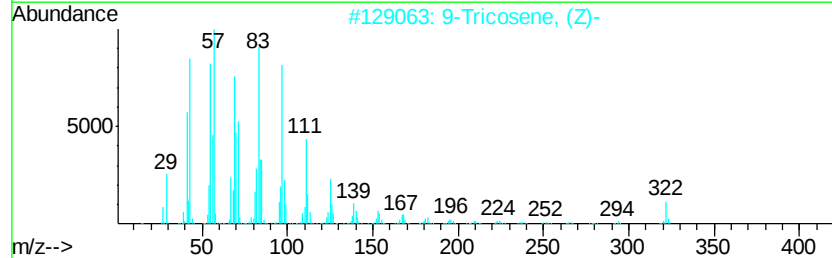
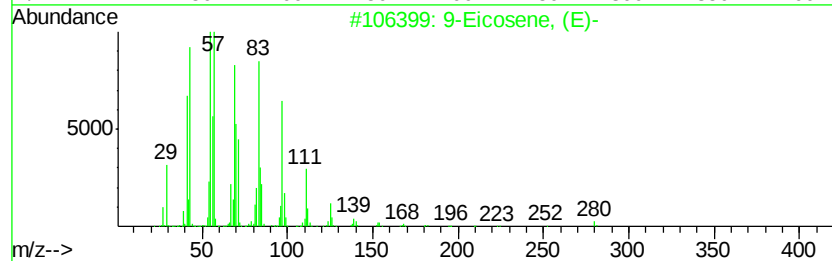
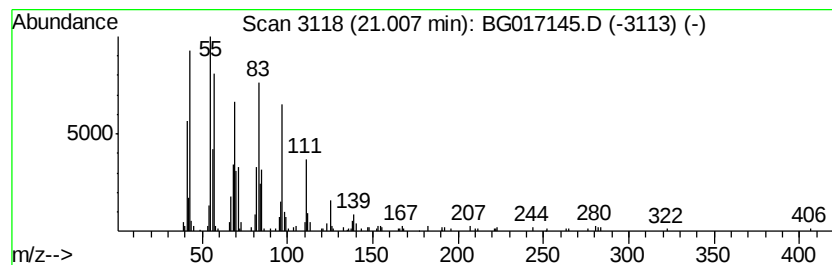
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 9-Eicosene, (E)- Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.01 | 3.56 ng | 179361 | Chrysene-d12     | 21.29 |

| Hit# of | 5                                 | Tentative ID | MW         | MolForm     | CAS# | Qual |
|---------|-----------------------------------|--------------|------------|-------------|------|------|
| 1       | 9-Eicosene, (E)-                  | 280          | C20H40     | 074685-29-3 | 93   |      |
| 2       | 9-Tricosene, (Z)-                 | 322          | C23H46     | 027519-02-4 | 93   |      |
| 3       | 1-Pentadecanethiol                | 244          | C15H32S    | 025276-70-4 | 93   |      |
| 4       | Bromoacetic acid, hexadecyl ester | 362          | C18H35BrO2 | 005454-48-8 | 91   |      |
| 5       | 5-Eicosene, (E)-                  | 280          | C20H40     | 074685-30-6 | 91   |      |



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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 2.87  | 61.0    | ng    | 1057740  | 1                     | 7.71  | 347085  | 20.0 |
| unknown7.25          | 7.25  | 117.6   | ng    | 2040620  | 1                     | 7.71  | 347085  | 20.0 |
| n-Hexadecanoic acid  | 18.01 | 2.0     | ng    | 92254    | 4                     | 17.11 | 905388  | 20.0 |
| 9-Eicosene, (E)-     | 21.01 | 3.6     | ng    | 179361   | 5                     | 21.29 | 1007960 | 20.0 |