

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
 Data File : BM019120.D  
 Acq On : 12 Mar 2019 20:08  
 Operator : JU/SJ  
 Sample : K1842-11  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PR-MW-04\_030819

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\_M\METHODS\8270-BM031119.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         | 5.263       | 363           | 370         | 388          | rBV      | 2212472        | 3399318       | 15.19%          | 3.687%        |
| 2         | 6.839       | 632           | 638         | 649          | rBV      | 1458255        | 2314327       | 10.34%          | 2.510%        |
| 3         | 7.198       | 691           | 699         | 716          | rBV      | 4534729        | 7079495       | 31.63%          | 7.678%        |
| 4         | 7.663       | 770           | 778         | 789          | rBV      | 915132         | 1434552       | 6.41%           | 1.556%        |
| 5         | 7.981       | 823           | 832         | 846          | rBV      | 3658370        | 5889418       | 26.31%          | 6.387%        |
| 6         | 8.833       | 969           | 977         | 996          | rBV      | 3175693        | 5360083       | 23.95%          | 5.813%        |
| 7         | 10.451      | 1244          | 1252        | 1273         | rBV      | 1137516        | 2037057       | 9.10%           | 2.209%        |
| 8         | 12.933      | 1666          | 1674        | 1697         | rBV      | 9231067        | 13667313      | 61.07%          | 14.823%       |
| 9         | 14.315      | 1902          | 1909        | 1927         | rBV2     | 1943620        | 3035785       | 13.56%          | 3.292%        |
| 10        | 15.815      | 2157          | 2164        | 2183         | rBV      | 8096436        | 11794434      | 52.70%          | 12.792%       |
| 11        | 17.068      | 2371          | 2377        | 2394         | rBV      | 2512912        | 3743369       | 16.73%          | 4.060%        |
| 12        | 17.956      | 2524          | 2528        | 2539         | rBV      | 138610         | 246934        | 1.10%           | 0.268%        |
| 13        | 19.709      | 2820          | 2826        | 2840         | rBV      | 17519556       | 22381450      | 100.00%         | 24.274%       |
| 14        | 21.268      | 3086          | 3091        | 3106         | rBV      | 3343541        | 4256714       | 19.02%          | 4.617%        |
| 15        | 21.833      | 3184          | 3187        | 3194         | rBV      | 185054         | 226063        | 1.01%           | 0.245%        |
| 16        | 22.291      | 3262          | 3265        | 3273         | rVB      | 285494         | 358987        | 1.60%           | 0.389%        |
| 17        | 22.421      | 3283          | 3287        | 3295         | rVB      | 364937         | 499471        | 2.23%           | 0.542%        |
| 18        | 22.797      | 3347          | 3351        | 3359         | rVB      | 293293         | 419959        | 1.88%           | 0.455%        |
| 19        | 23.356      | 3443          | 3446        | 3454         | rVB      | 251066         | 392557        | 1.75%           | 0.426%        |
| 20        | 23.509      | 3465          | 3472        | 3486         | rVB      | 1925363        | 3666155       | 16.38%          | 3.976%        |

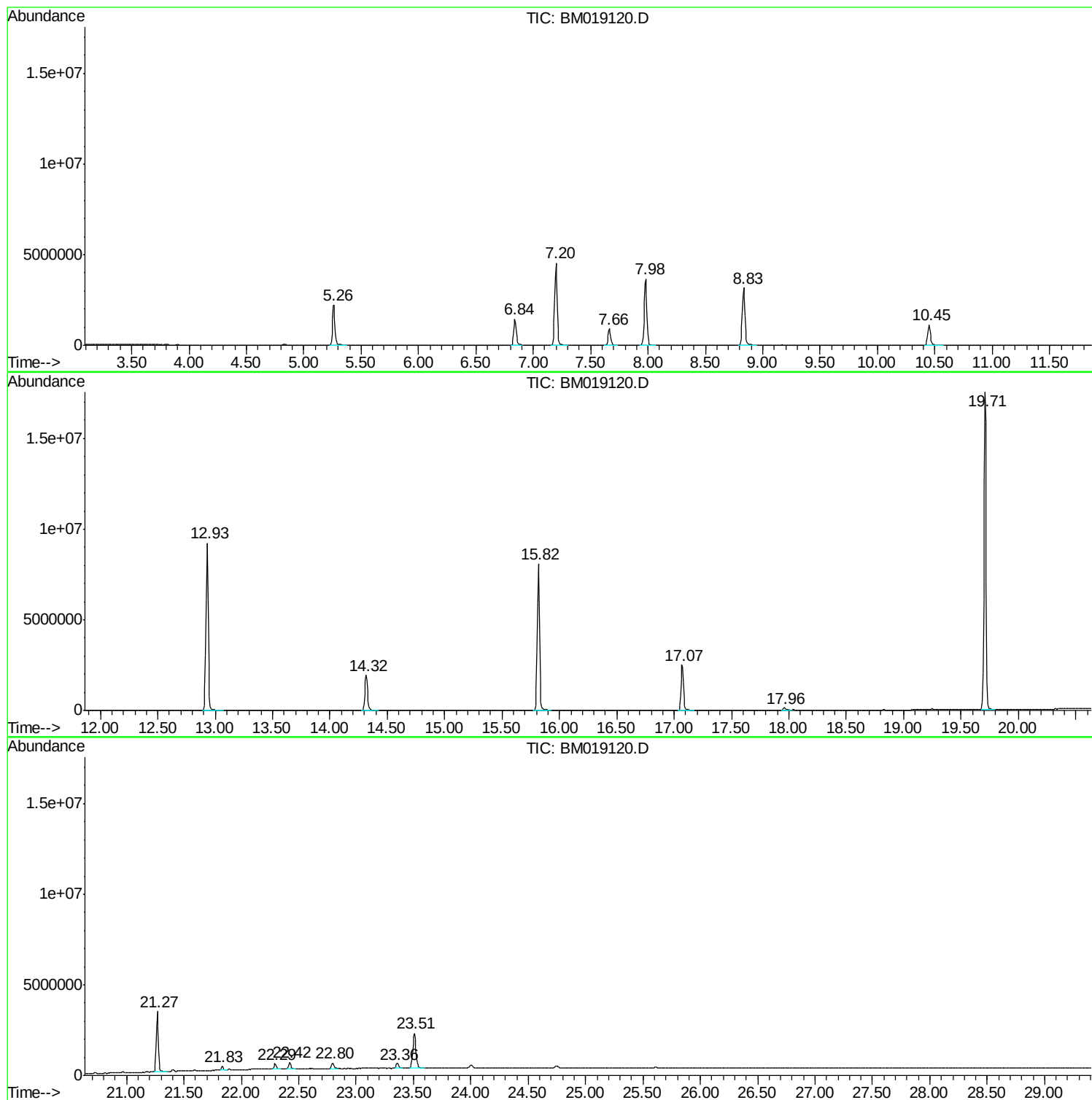
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.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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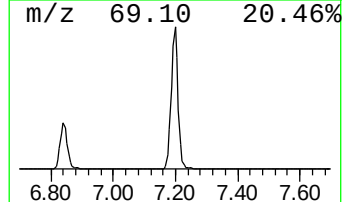
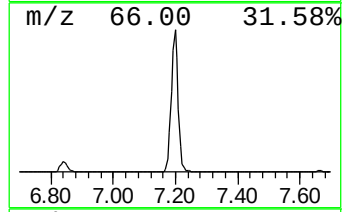
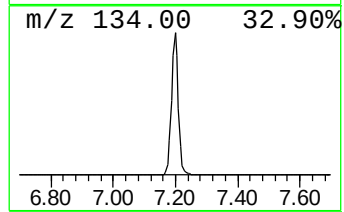
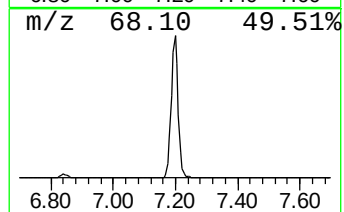
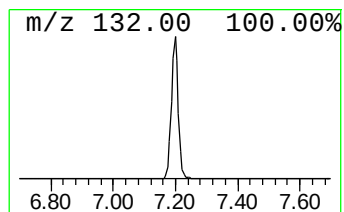
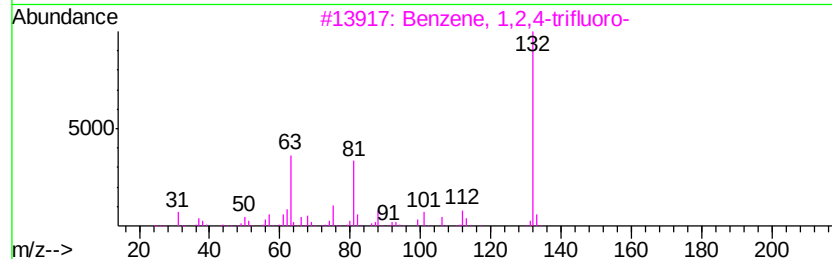
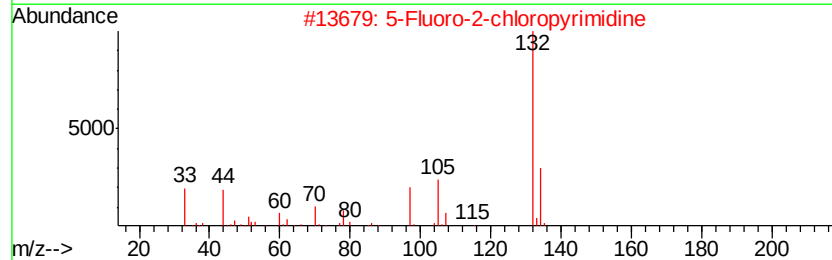
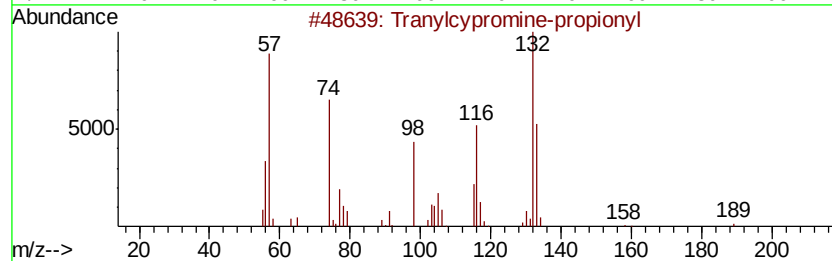
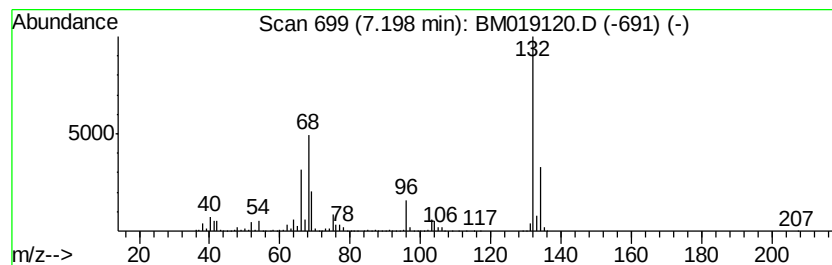
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.20 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.20 | 98.70 ng | 7079500 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Tranlycypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | Benzene, 1,2,4-trifluoro-           | 132 | C6H3F3    | 000367-23-7  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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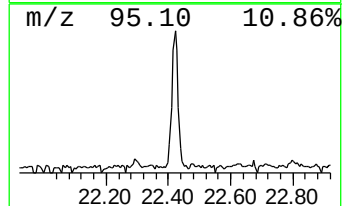
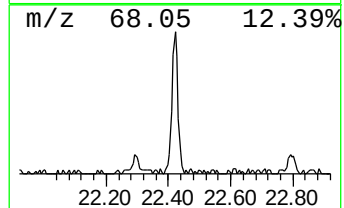
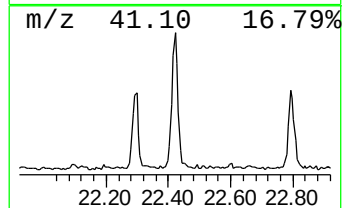
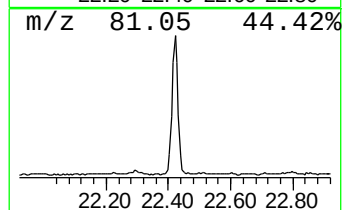
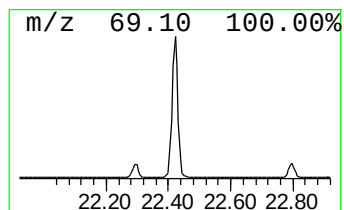
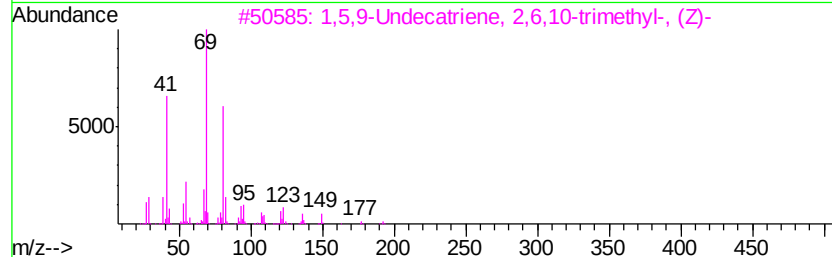
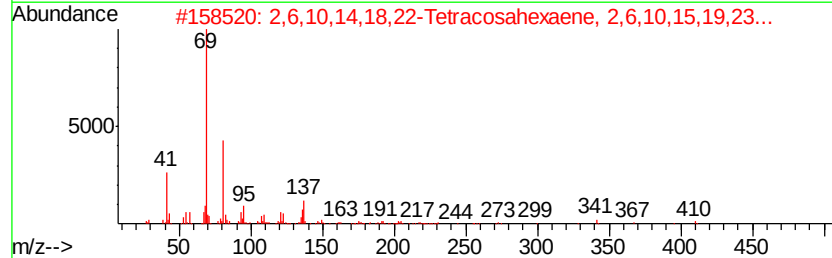
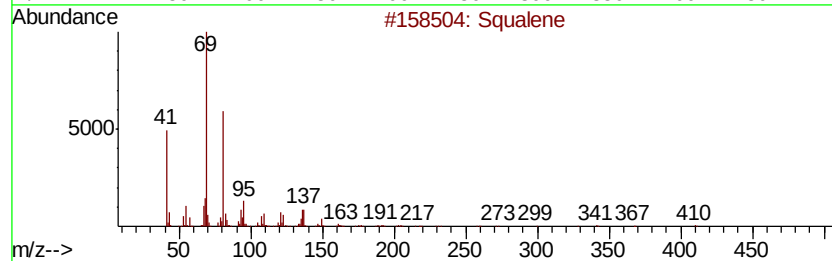
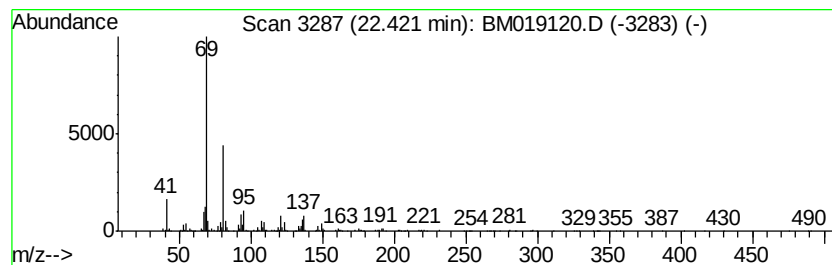
Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Squalene Concentration Rank 3

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 22.42   | 2.72 ng                             | 499471       | Perylene-d12     | 23.51     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Squalene                            | 410 C30H50   | 007683-64-9      | 90        |
| 2       | 2,6,10,14,18,22-Tetracosahexaene... | 410 C30H50   | 000111-02-4      | 87        |
| 3       | 1,5,9-Undecatriene, 2,6,10-trime... | 192 C14H24   | 062951-96-6      | 80        |
| 4       | 2,6,10,14-Hexadecatetraenoic aci... | 332 C22H36O2 | 024035-35-6      | 72        |
| 5       | 2,3,5-Trimethyl-2,3,5-hexanetric... | 203 C12H17N3 | 003974-79-6      | 64        |



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ALS Vial : 15 Sample Multiplier: 1

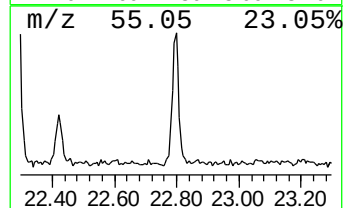
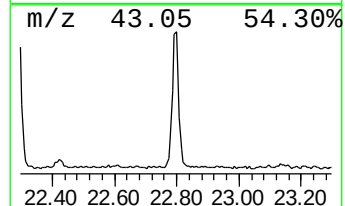
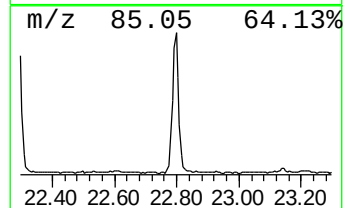
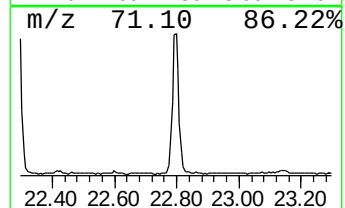
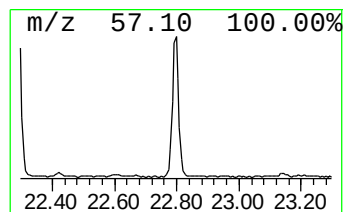
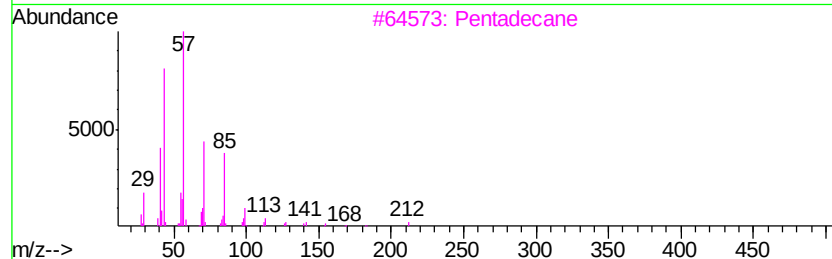
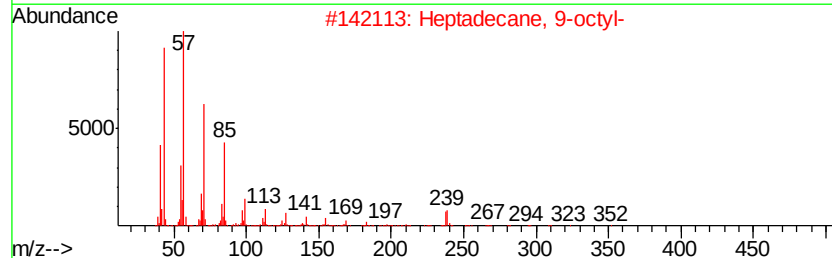
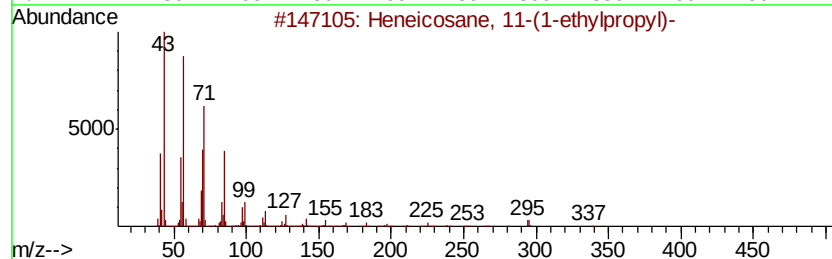
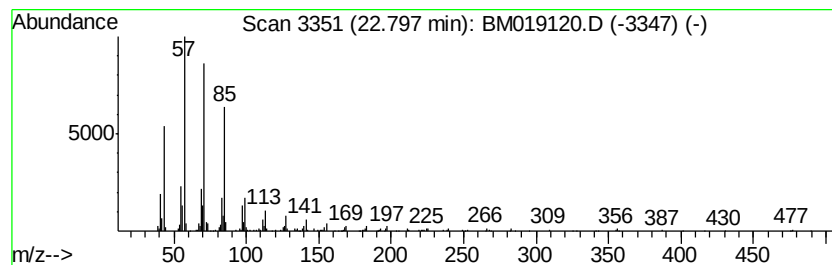
Instrument :  
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heneicosane, 11-(1-ethylpro... Concentration Rank 4

| R.T.    | EstConc | Area                             | Relative to ISTD | R.T.           |
|---------|---------|----------------------------------|------------------|----------------|
| 22.80   | 2.29 ng | 419959                           | Perylene-d12     | 23.51          |
| Hit# of | 5       | Tentative ID                     | MW MolForm       | CAS# Qual      |
| 1       |         | Heneicosane, 11-(1-ethylpropyl)- | 366 C26H54       | 055282-11-6 91 |
| 2       |         | Heptadecane, 9-octyl-            | 352 C25H52       | 007225-64-1 91 |
| 3       |         | Pentadecane                      | 212 C15H32       | 000629-62-9 83 |
| 4       |         | Octadecane                       | 254 C18H38       | 000593-45-3 83 |
| 5       |         | Tetratetracontane                | 619 C44H90       | 007098-22-8 81 |



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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

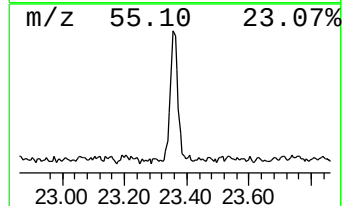
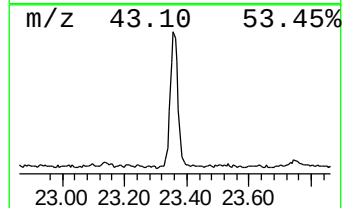
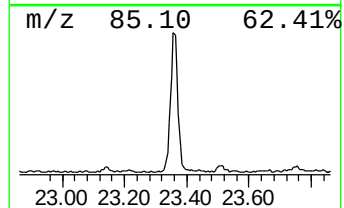
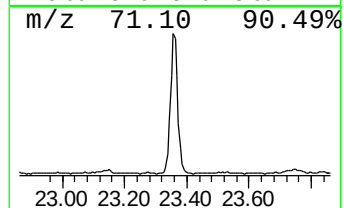
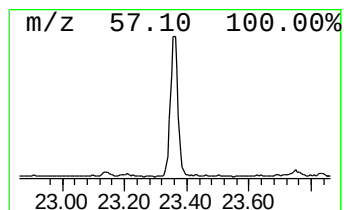
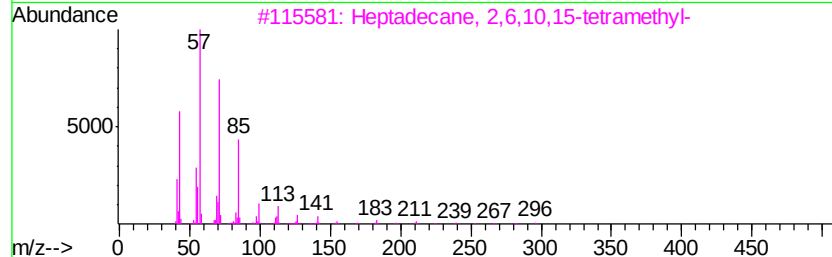
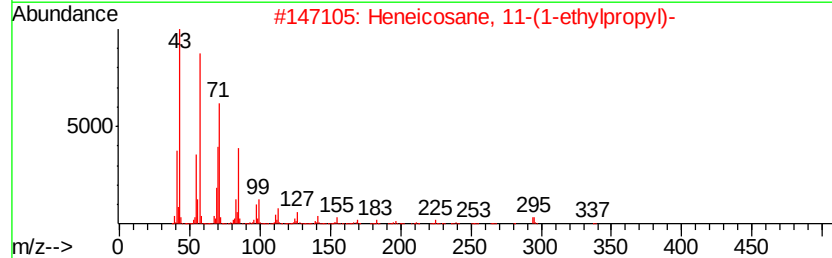
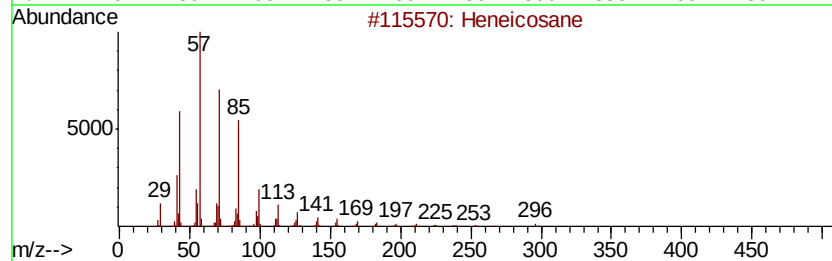
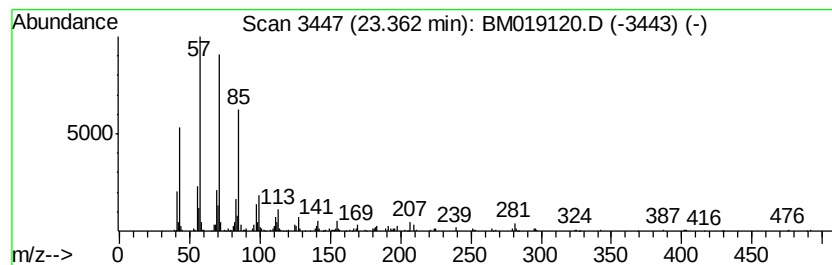
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Heneicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.36 | 2.14 ng | 392557 | Perylene-d12     | 23.51 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Heneicosane, 11-(1-ethylpropyl)-    | 366 | C26H54  | 055282-11-6 | 90   |
| 3    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 89   |
| 4    |    | Octadecane, 1-iodo-                 | 380 | C18H37I | 000629-93-6 | 87   |
| 5    |    | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 87   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown7.20          | 7.20  | 98.7    | ng    | 7079500  | 1                     | 7.66  | 1434550 | 20.0 |
| Squalene             | 22.42 | 2.7     | ng    | 499471   | 6                     | 23.51 | 3666160 | 20.0 |
| Heneicosane, 11-(... | 22.80 | 2.3     | ng    | 419959   | 6                     | 23.51 | 3666160 | 20.0 |
| Heneicosane          | 23.36 | 2.1     | ng    | 392557   | 6                     | 23.51 | 3666160 | 20.0 |