

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\  
 Data File : BM019058.D  
 Acq On : 06 Mar 2019 05:28  
 Operator : JU/SJ  
 Sample : K1704-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PST-027-B114-022719

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-BM021119.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         | 5.269       | 365           | 371         | 390          | rBV      | 4591471        | 6725726       | 55.84%          | 7.854%        |
| 2         | 6.851       | 633           | 640         | 657          | rBV      | 4500185        | 7763604       | 64.45%          | 9.066%        |
| 3         | 7.210       | 693           | 701         | 718          | rBV      | 4893269        | 7620653       | 63.26%          | 8.899%        |
| 4         | 7.675       | 773           | 780         | 787          | rBV      | 971251         | 1574708       | 13.07%          | 1.839%        |
| 5         | 7.987       | 826           | 833         | 847          | rBV      | 3394517        | 5407779       | 44.89%          | 6.315%        |
| 6         | 8.840       | 970           | 978         | 994          | rBV      | 2543038        | 4355628       | 36.16%          | 5.086%        |
| 7         | 10.457      | 1246          | 1253        | 1269         | rBV      | 1228931        | 2116573       | 17.57%          | 2.472%        |
| 8         | 11.510      | 1425          | 1432        | 1449         | rBV      | 47157          | 159188        | 1.32%           | 0.186%        |
| 9         | 12.939      | 1666          | 1675        | 1691         | rBV      | 6041094        | 8932393       | 74.15%          | 10.431%       |
| 10        | 13.792      | 1813          | 1820        | 1832         | rBV      | 259846         | 391906        | 3.25%           | 0.458%        |
| 11        | 14.327      | 1902          | 1911        | 1918         | rBV2     | 1773662        | 2698646       | 22.40%          | 3.151%        |
| 12        | 15.821      | 2159          | 2165        | 2186         | rBV      | 5114021        | 7669877       | 63.67%          | 8.957%        |
| 13        | 17.080      | 2373          | 2379        | 2383         | rBV      | 2258185        | 3163300       | 26.26%          | 3.694%        |
| 14        | 17.121      | 2383          | 2386        | 2394         | rVB      | 444198         | 628468        | 5.22%           | 0.734%        |
| 15        | 17.968      | 2518          | 2530        | 2534         | rBV2     | 654086         | 1035173       | 8.59%           | 1.209%        |
| 16        | 18.151      | 2555          | 2561        | 2565         | rBV3     | 97601          | 186130        | 1.55%           | 0.217%        |
| 17        | 18.874      | 2680          | 2684        | 2691         | rBV2     | 66397          | 136548        | 1.13%           | 0.159%        |
| 18        | 19.027      | 2704          | 2710        | 2716         | rBV3     | 53959          | 122368        | 1.02%           | 0.143%        |
| 19        | 19.145      | 2721          | 2730        | 2736         | rBV      | 677796         | 1027831       | 8.53%           | 1.200%        |
| 20        | 19.256      | 2744          | 2749        | 2754         | rBV      | 246236         | 359002        | 2.98%           | 0.419%        |
| 21        | 19.480      | 2782          | 2787        | 2788         | rBV      | 126238         | 166801        | 1.38%           | 0.195%        |
| 22        | 19.509      | 2788          | 2792        | 2801         | rVB      | 593049         | 827444        | 6.87%           | 0.966%        |
| 23        | 19.715      | 2820          | 2827        | 2841         | rBV      | 9981064        | 12045688      | 100.00%         | 14.067%       |
| 24        | 19.833      | 2842          | 2847        | 2856         | rBV5     | 74371          | 204254        | 1.70%           | 0.239%        |
| 25        | 20.162      | 2898          | 2903        | 2907         | rBV2     | 80344          | 134820        | 1.12%           | 0.157%        |
| 26        | 20.974      | 3037          | 3041        | 3051         | rVB3     | 935314         | 1245986       | 10.34%          | 1.455%        |
| 27        | 21.274      | 3086          | 3092        | 3096         | rBV      | 3112935        | 4169067       | 34.61%          | 4.868%        |
| 28        | 21.309      | 3096          | 3098        | 3103         | rVB      | 303719         | 389770        | 3.24%           | 0.455%        |
| 29        | 21.868      | 3190          | 3193        | 3201         | rVB2     | 483580         | 696610        | 5.78%           | 0.813%        |
| 30        | 22.809      | 3350          | 3353        | 3356         | rBV      | 207494         | 278961        | 2.32%           | 0.326%        |
| 31        | 23.521      | 3468          | 3474        | 3490         | rVB      | 1712698        | 3398696       | 28.22%          | 3.969%        |

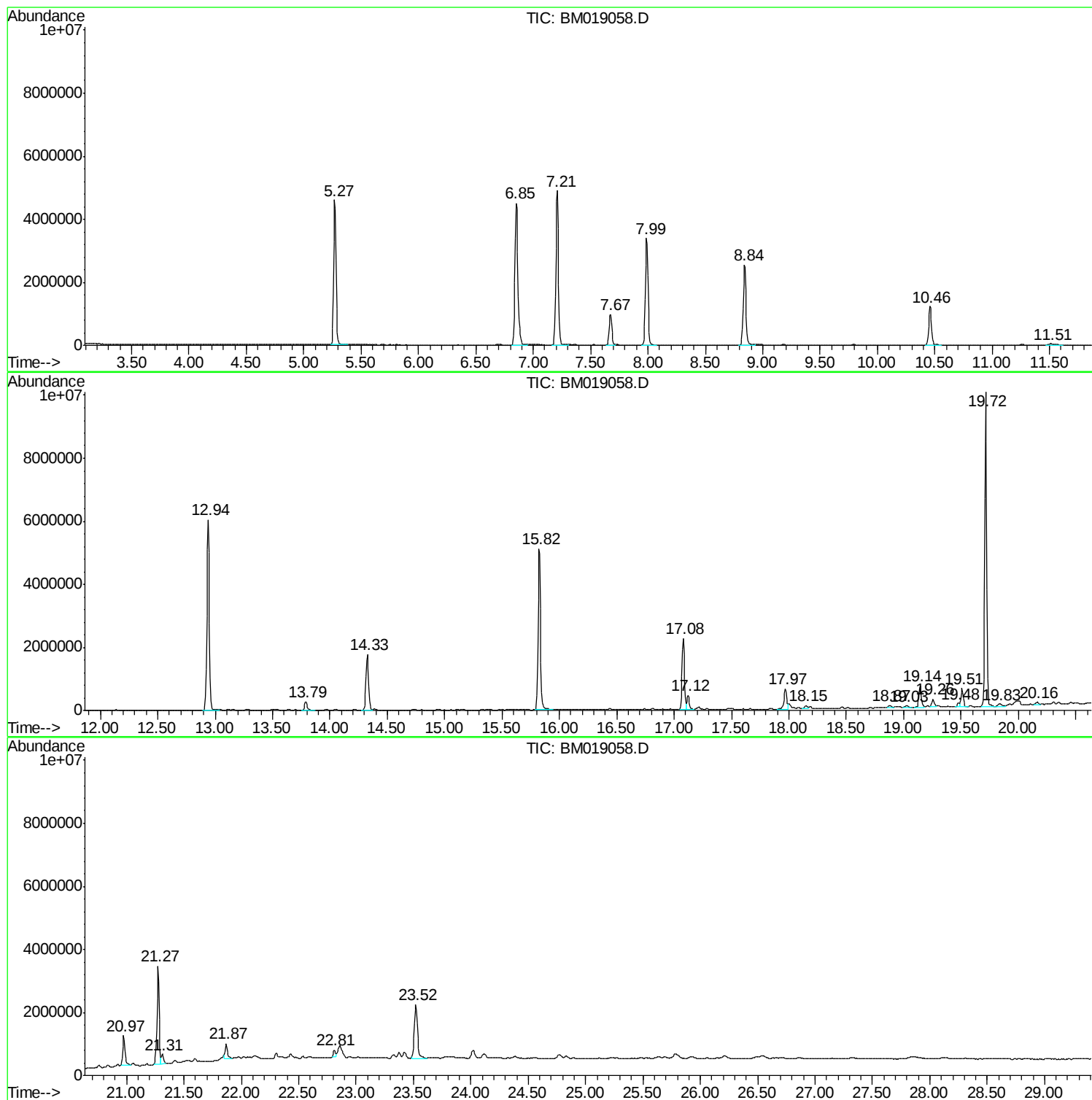
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ClientSampleId :  
PST-027-B114-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.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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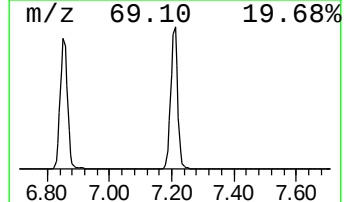
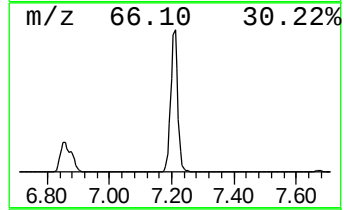
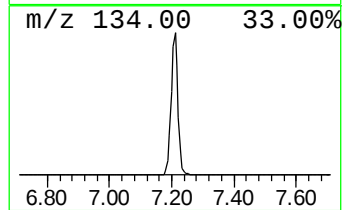
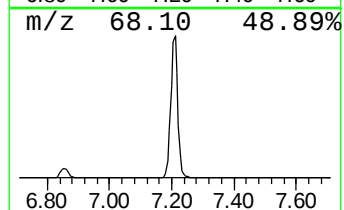
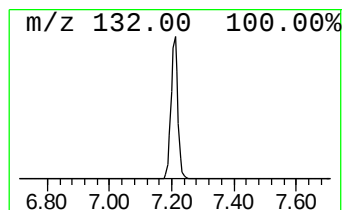
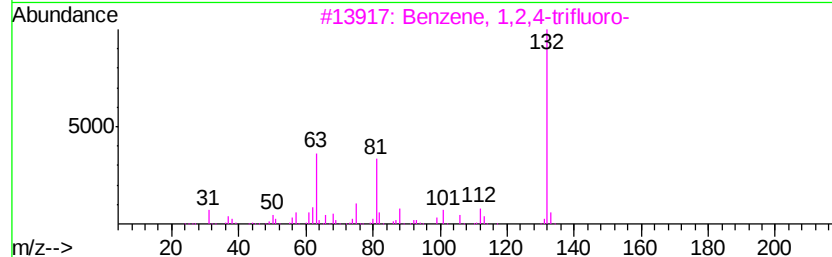
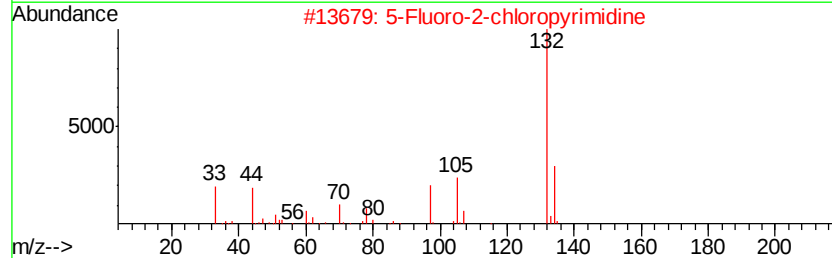
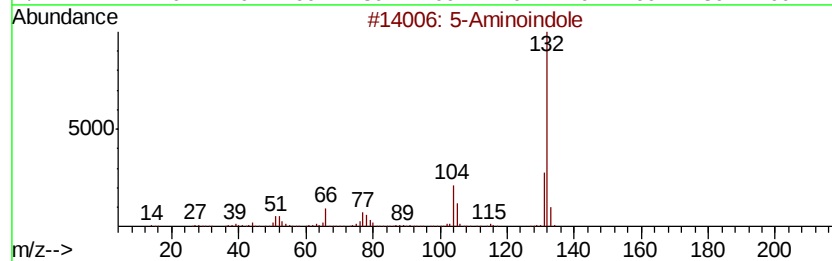
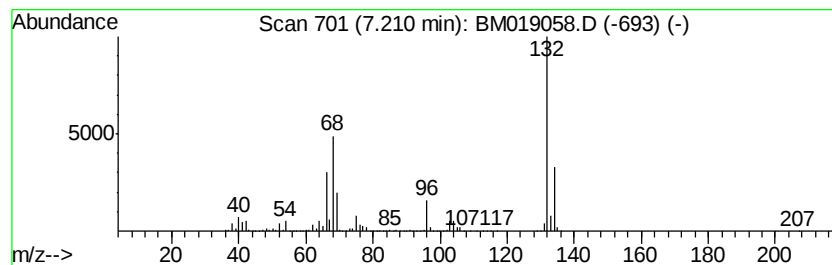
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 unknown7.21 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.21 | 96.79 ng | 7620650 | 1,4-Dichlorobenzene-d4 | 7.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0 | 22   |
| 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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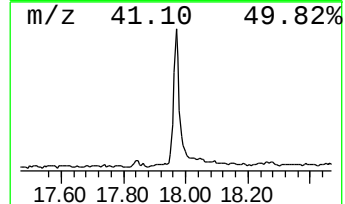
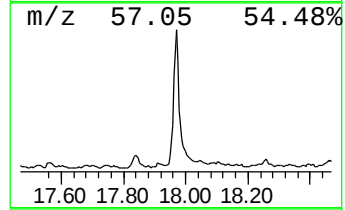
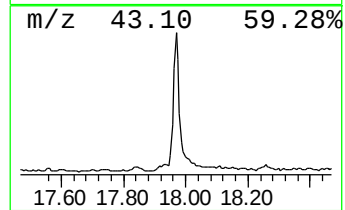
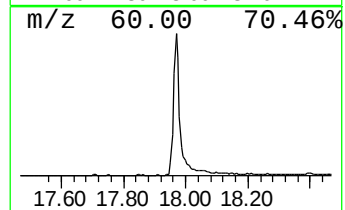
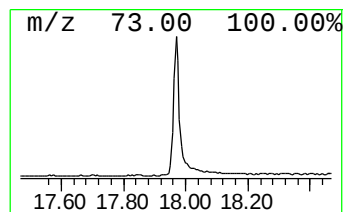
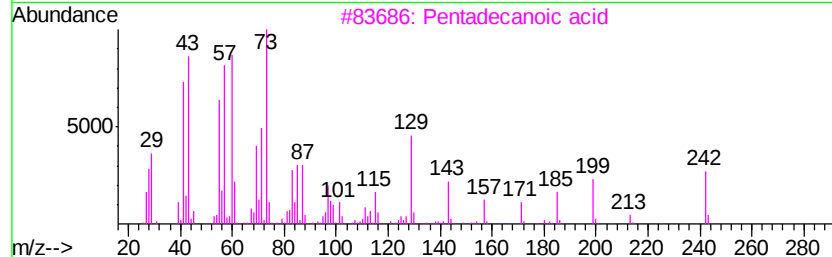
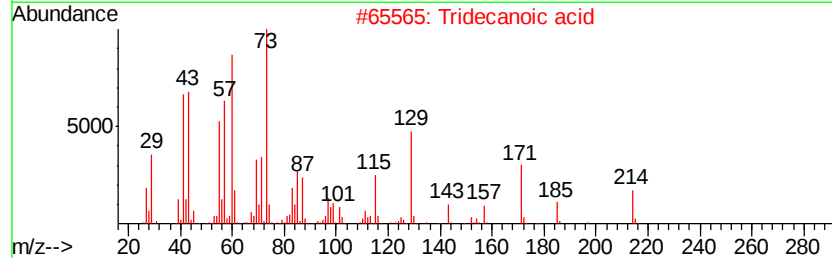
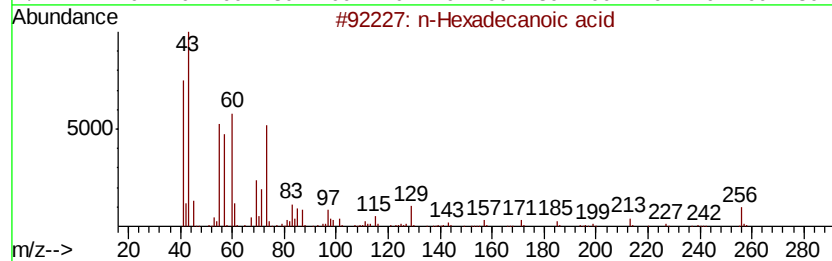
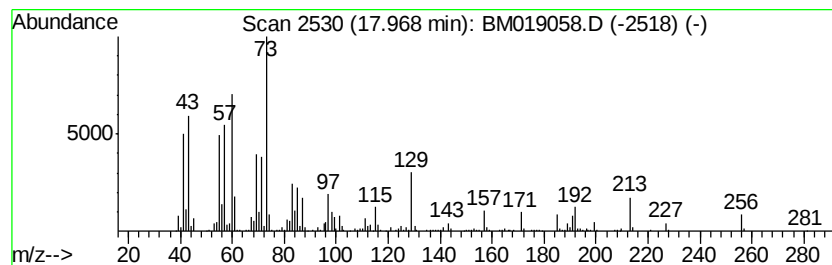
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.    | EstConc | Area                | Relative to ISTD |          | R.T.        |      |
|---------|---------|---------------------|------------------|----------|-------------|------|
| 17.97   | 6.54 ng | 1035170             | Phenanthrene-d10 |          | 17.08       |      |
| Hit# of | 5       | Tentative ID        | MW               | MolForm  | CAS#        | Qual |
| 1       |         | n-Hexadecanoic acid | 256              | C16H32O2 | 000057-10-3 | 98   |
| 2       |         | Tridecanoic acid    | 214              | C13H26O2 | 000638-53-9 | 93   |
| 3       |         | Pentadecanoic acid  | 242              | C15H30O2 | 001002-84-2 | 68   |
| 4       |         | Dodecane            | 170              | C12H26   | 000112-40-3 | 25   |
| 5       |         | Tridecane           | 184              | C13H28   | 000629-50-5 | 25   |



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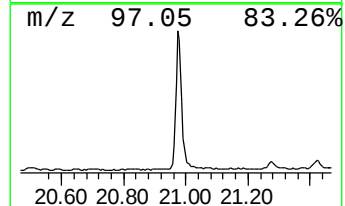
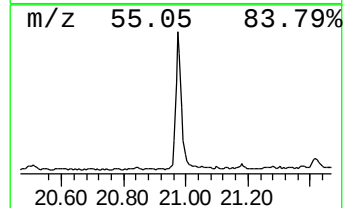
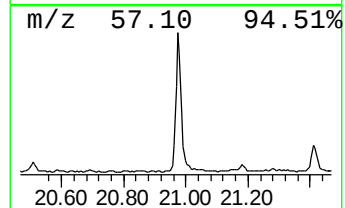
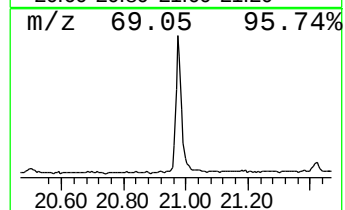
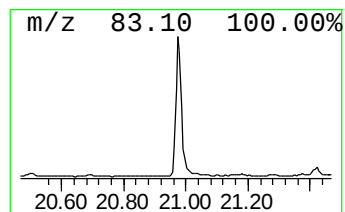
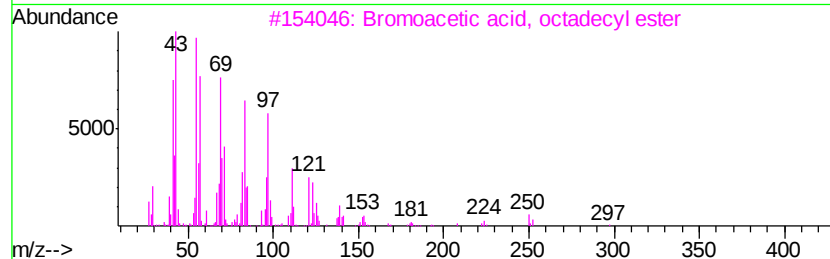
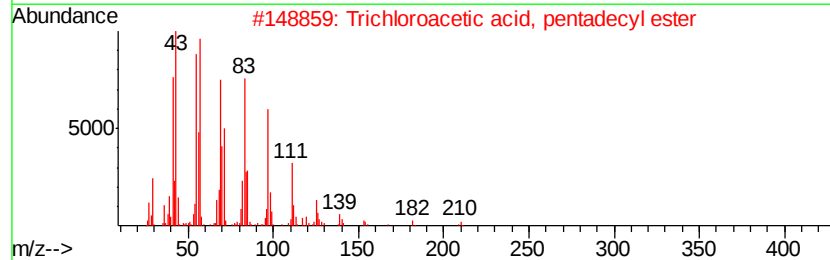
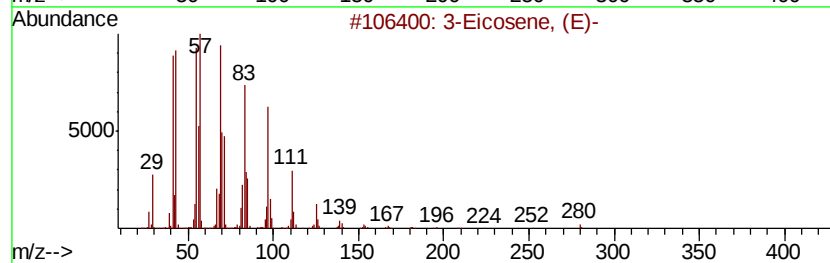
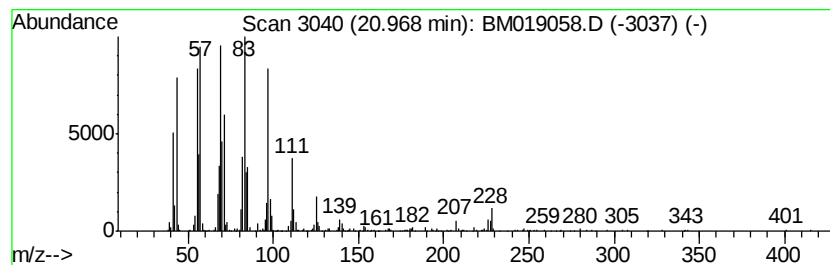
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 3-Eicosene, (E)- Concentration Rank 4

| R.T.    | EstConc                             | Area            | Relative to ISTD | R.T.      |
|---------|-------------------------------------|-----------------|------------------|-----------|
| 20.97   | 5.98 ng                             | 1245990         | Chrysene-d12     | 21.27     |
| Hit# of | 5                                   | Tentative ID    | MW MolForm       | CAS# Qual |
| 1       | 3-Eicosene, (E)-                    | 280 C20H40      | 074685-33-9      | 91        |
| 2       | Trichloroacetic acid, pentadecyl... | 372 C17H31Cl3O2 | 074339-53-0      | 91        |
| 3       | Bromoacetic acid, octadecyl ester   | 390 C20H39BrO2  | 018992-03-5      | 91        |
| 4       | Trichloroacetic acid, tetradecyl... | 358 C16H29Cl3O2 | 074339-52-9      | 91        |
| 5       | Trichloroacetic acid, hexadecyl ... | 386 C18H33Cl3O2 | 074339-54-1      | 91        |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                     |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown7.21         | 7.21  | 96.8    | ng    | 7620650  | 1                     | 7.67  | 1574710 | 20.0 |
| n-Hexadecanoic acid | 17.97 | 6.5     | ng    | 1035170  | 4                     | 17.08 | 3163300 | 20.0 |
| 3-Eicosene, (E)-    | 20.97 | 6.0     | ng    | 1245990  | 5                     | 21.27 | 4169070 | 20.0 |