

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092021\  
 Data File : BP007070.D  
 Acq On : 21 Sep 2021 02:30  
 Operator : CG/JU  
 Sample : M3803-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 212

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:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007070.D\data.ms

| 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         | 5.481       | 400           | 407         | 425          | rBV      | 4475430        | 6625366       | 45.66%          | 8.434%        |
| 2         | 7.075       | 669           | 678         | 698          | rBV      | 4238190        | 7017054       | 48.36%          | 8.933%        |
| 3         | 7.905       | 812           | 819         | 827          | rBV      | 1263269        | 1975820       | 13.62%          | 2.515%        |
| 4         | 9.063       | 1009          | 1016        | 1027         | rBV      | 2588641        | 4394108       | 30.29%          | 5.594%        |
| 5         | 10.487      | 1251          | 1258        | 1275         | rBV      | 953336         | 1684660       | 11.61%          | 2.145%        |
| 6         | 10.704      | 1287          | 1295        | 1308         | rBV      | 1659101        | 2769815       | 19.09%          | 3.526%        |
| 7         | 13.157      | 1704          | 1712        | 1728         | rBV      | 7018839        | 10739166      | 74.02%          | 13.671%       |
| 8         | 14.534      | 1938          | 1946        | 1958         | rBV      | 2361913        | 3688505       | 25.42%          | 4.696%        |
| 9         | 16.022      | 2192          | 2199        | 2216         | rVB      | 5562810        | 8262700       | 56.95%          | 10.519%       |
| 10        | 17.281      | 2406          | 2413        | 2418         | rBV      | 2989745        | 4245668       | 29.26%          | 5.405%        |
| 11        | 18.169      | 2557          | 2564        | 2573         | rBV2     | 399670         | 731684        | 5.04%           | 0.931%        |
| 12        | 19.280      | 2749          | 2753        | 2760         | rVB      | 279811         | 378215        | 2.61%           | 0.481%        |
| 13        | 19.392      | 2769          | 2772        | 2777         | rBV      | 153171         | 211086        | 1.45%           | 0.269%        |
| 14        | 19.633      | 2809          | 2813        | 2821         | rVB      | 238848         | 376587        | 2.60%           | 0.479%        |
| 15        | 19.833      | 2841          | 2847        | 2853         | rBV      | 11918627       | 14508652      | 100.00%         | 18.470%       |
| 16        | 21.069      | 3053          | 3057        | 3064         | rBV3     | 587446         | 833242        | 5.74%           | 1.061%        |
| 17        | 21.269      | 3088          | 3091        | 3095         | rBV      | 384399         | 384065        | 2.65%           | 0.489%        |
| 18        | 21.357      | 3101          | 3106        | 3111         | rBV      | 3625927        | 4686666       | 32.30%          | 5.966%        |
| 19        | 23.774      | 3510          | 3517        | 3529         | rVB2     | 2388304        | 5039509       | 34.73%          | 6.415%        |

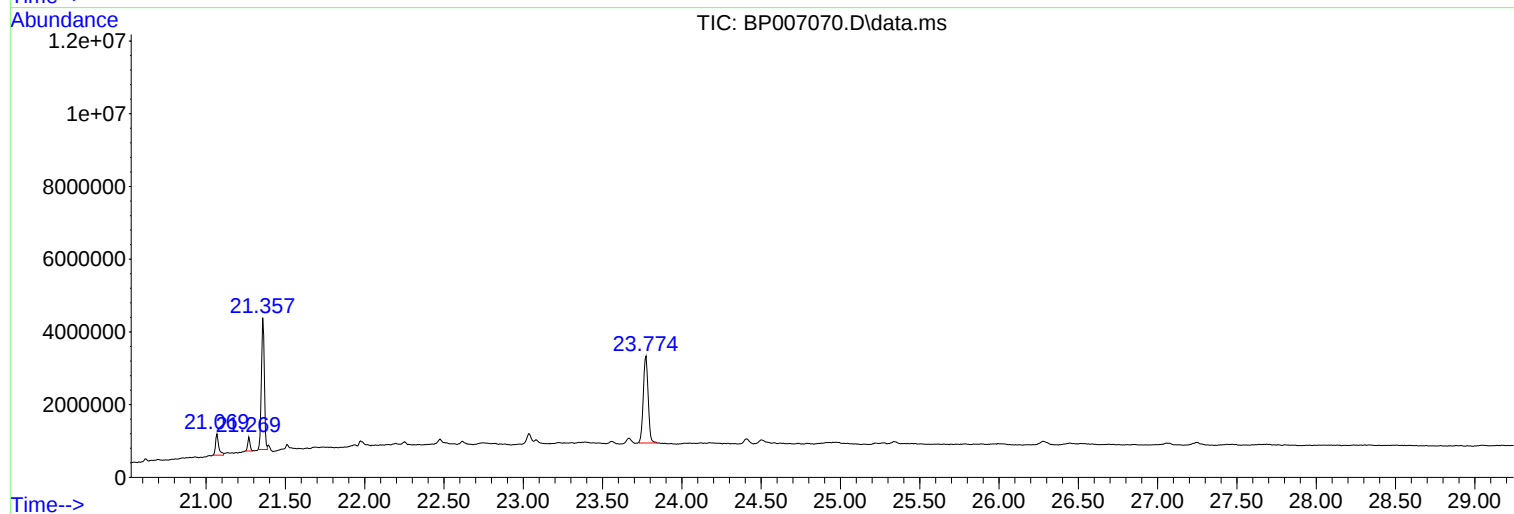
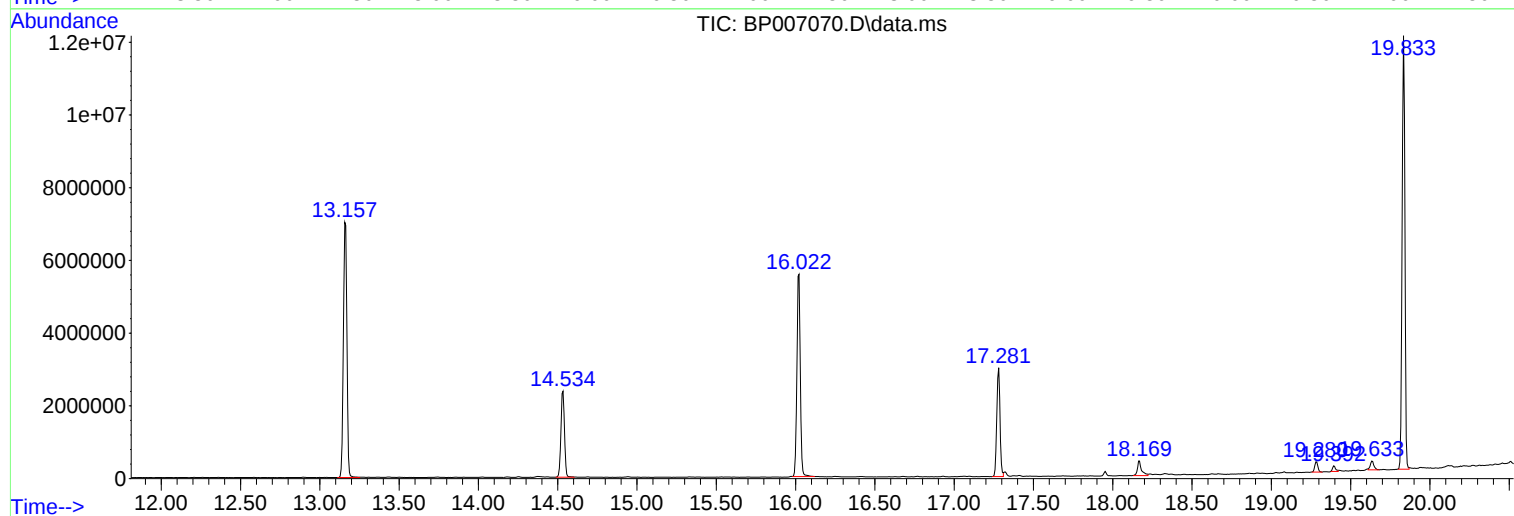
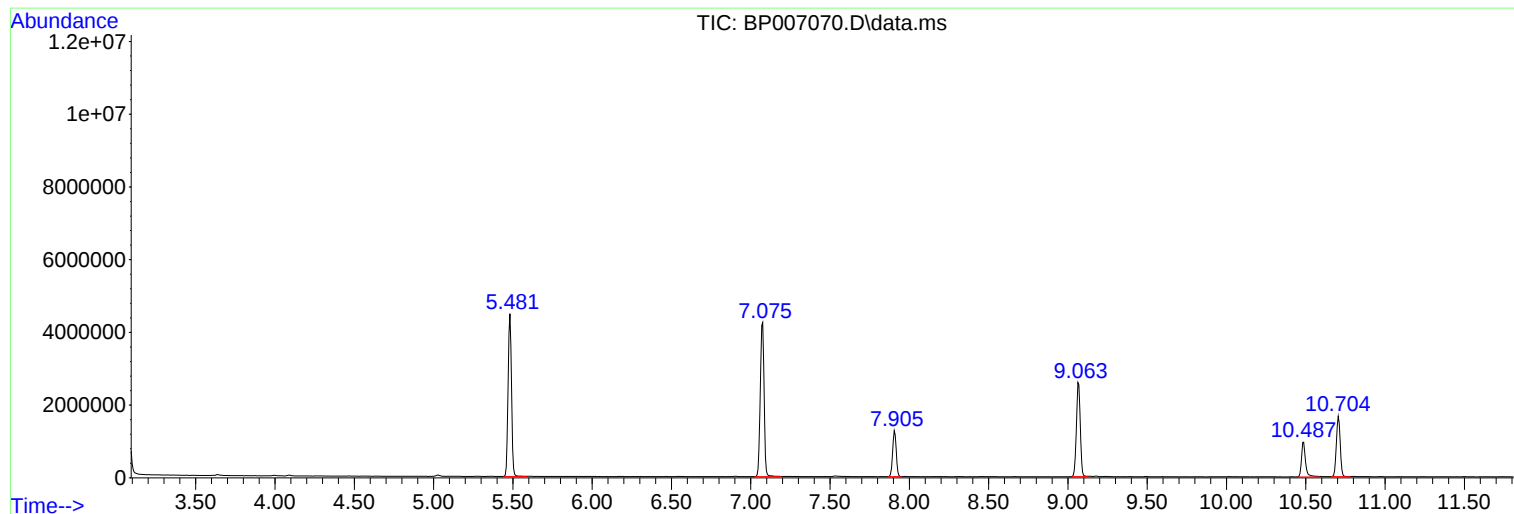
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BNA\_P  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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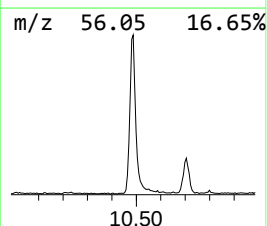
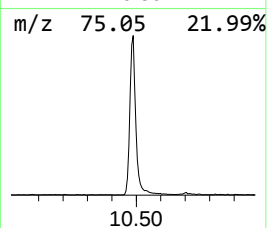
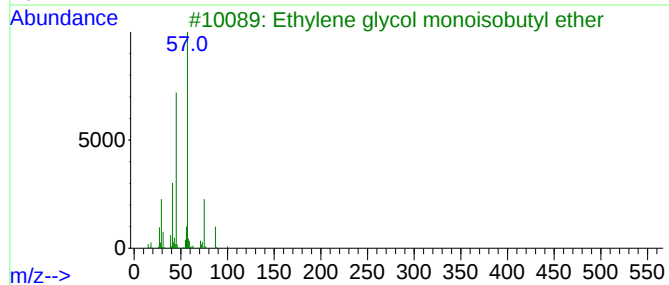
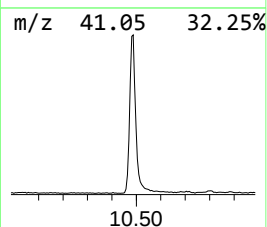
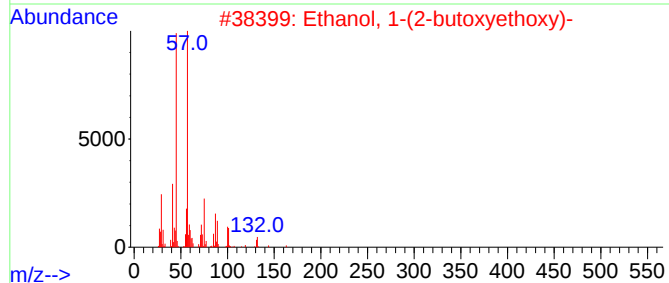
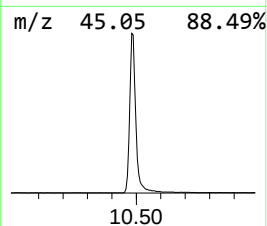
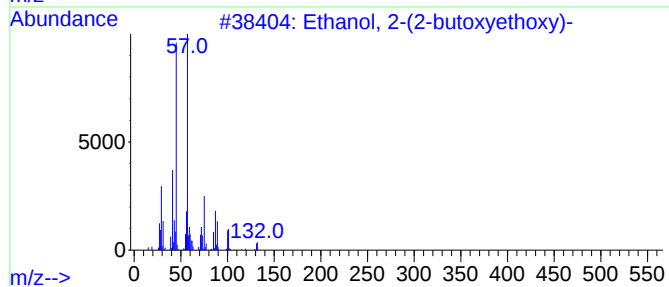
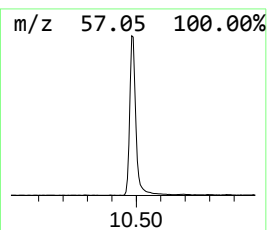
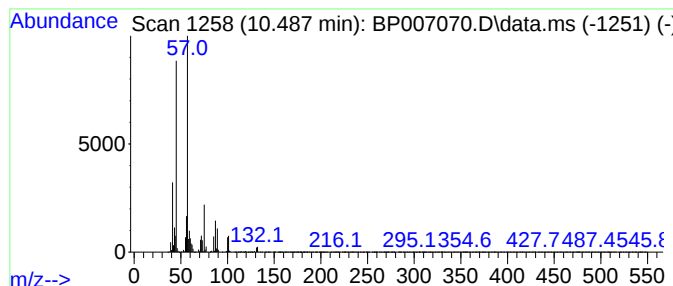
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.487 | 12.16 ng | 1684660 | Naphthalene-d8   | 10.704 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-       | 162 | C8H18O3  | 000112-34-5 | 91   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-       | 162 | C8H18O3  | 054446-78-5 | 83   |
| 3    |    |   | Ethylene glycol monoisobutyl ether | 118 | C6H14O2  | 004439-24-1 | 64   |
| 4    |    |   | 3,3-Dimethylbutane-2-ol            | 102 | C6H14O   | 000464-07-3 | 50   |
| 5    |    |   | 15-Crown-5                         | 220 | C10H20O5 | 033100-27-5 | 40   |



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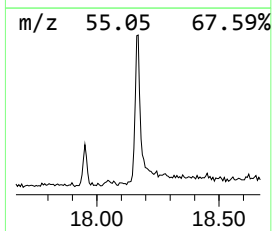
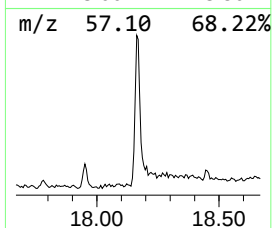
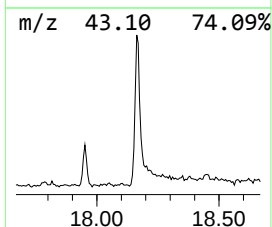
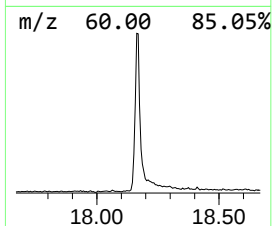
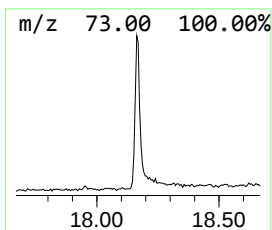
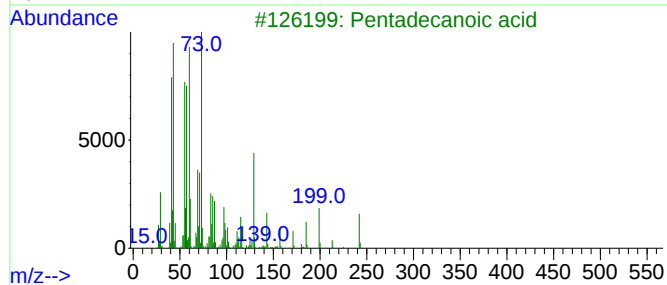
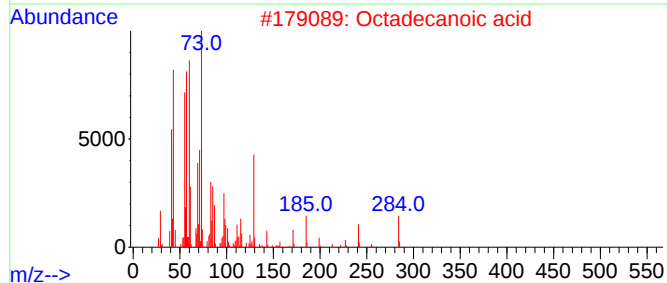
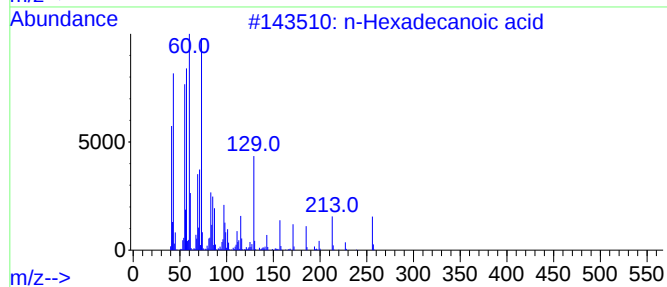
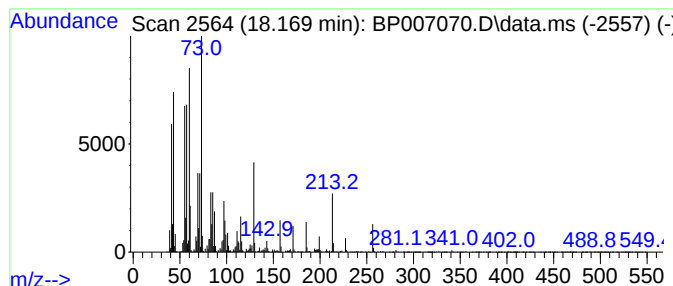
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TIC Library : C:\Database\NIST20.L  
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.169 | 3.45 ng | 731684 | Phenanthrene-d10 | 17.281 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 91   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 74   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |



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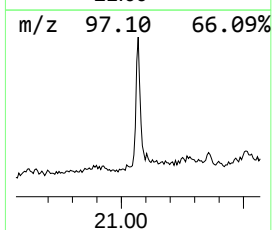
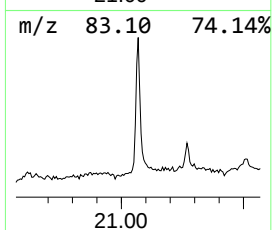
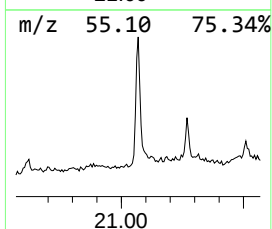
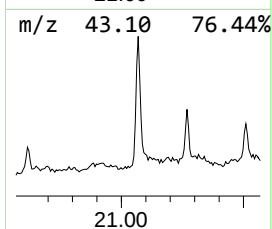
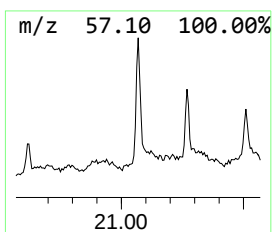
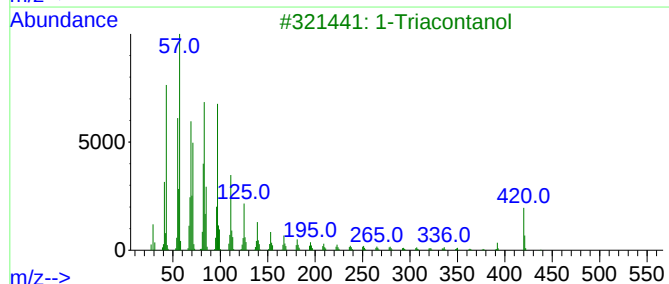
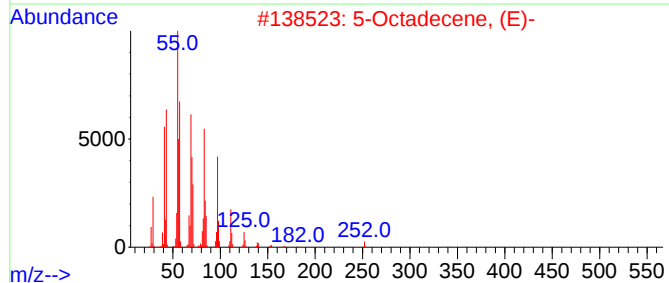
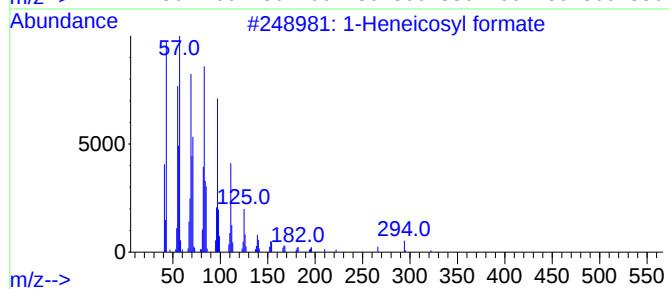
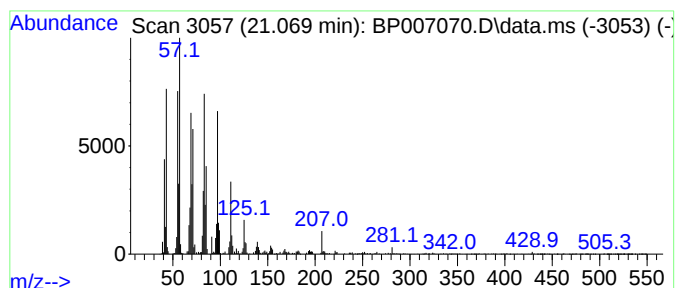
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Peak Number 3 1-Heneicosyl formate Concentration Rank 2

| R.T.      | EstConc              | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------|--------|------------------|-------------|------|
| 21.069    | 3.56 ng              | 833242 | Chrysene-d12     | 21.357      |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosyl formate | 340    | C22H44O2         | 077899-03-7 | 99   |
| 2         | 5-Octadecene, (E)-   | 252    | C18H36           | 007206-21-5 | 93   |
| 3         | 1-Triacontanol       | 438    | C30H62O          | 000593-50-0 | 93   |
| 4         | Behenic alcohol      | 326    | C22H46O          | 000661-19-8 | 93   |
| 5         | 1-Heneicosanol       | 312    | C21H44O          | 015594-90-8 | 92   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Ethanol, 2-(2-b... | 10.487 | 12.2    | ng    | 1684660  | 2                     | 10.704 | 2769820 | 20.0 |
| n-Hexadecanoic ... | 18.169 | 3.5     | ng    | 731684   | 4                     | 17.281 | 4245670 | 20.0 |
| 1-Heneicosyl fo... | 21.069 | 3.6     | ng    | 833242   | 5                     | 21.357 | 4686670 | 20.0 |