

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052422\  
 Data File : BM035225.D  
 Acq On : 24 May 2022 18:44  
 Operator : CG/JU  
 Sample : N2981-17  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-7(0.5-1)

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\_M\Methods\8270-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035225.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         | 5.016       | 323           | 328         | 334          | rBV      | 93234          | 138062        | 2.70%           | 0.531%        |
| 2         | 5.475       | 400           | 406         | 421          | rBV      | 1431077        | 2180298       | 42.58%          | 8.380%        |
| 3         | 7.069       | 670           | 677         | 690          | rBV      | 1354554        | 2184954       | 42.67%          | 8.398%        |
| 4         | 7.898       | 811           | 818         | 827          | rBV      | 459969         | 724890        | 14.16%          | 2.786%        |
| 5         | 9.057       | 1007          | 1015        | 1028         | rBV      | 882281         | 1448643       | 28.29%          | 5.568%        |
| 6         | 10.698      | 1287          | 1294        | 1308         | rBV      | 562871         | 959932        | 18.75%          | 3.689%        |
| 7         | 13.163      | 1706          | 1713        | 1743         | rBV      | 2325463        | 3458064       | 67.54%          | 13.291%       |
| 8         | 14.539      | 1940          | 1947        | 1964         | rBV      | 779521         | 1253567       | 24.48%          | 4.818%        |
| 9         | 16.027      | 2193          | 2200        | 2220         | rBV      | 1553730        | 2473274       | 48.30%          | 9.506%        |
| 10        | 17.280      | 2406          | 2413        | 2427         | rBV      | 1036995        | 1519454       | 29.68%          | 5.840%        |
| 11        | 18.180      | 2561          | 2566        | 2577         | rBV      | 138794         | 251828        | 4.92%           | 0.968%        |
| 12        | 19.339      | 2757          | 2763        | 2777         | rBV      | 41955          | 87162         | 1.70%           | 0.335%        |
| 13        | 19.462      | 2780          | 2784        | 2792         | rBV2     | 76923          | 129419        | 2.53%           | 0.497%        |
| 14        | 19.903      | 2854          | 2859        | 2868         | rBV      | 4157767        | 5120198       | 100.00%         | 19.679%       |
| 15        | 21.186      | 3073          | 3077        | 3084         | rBV2     | 254473         | 351080        | 6.86%           | 1.349%        |
| 16        | 21.462      | 3119          | 3124        | 3129         | rBV      | 1341592        | 1817039       | 35.49%          | 6.984%        |
| 17        | 23.850      | 3524          | 3530        | 3543         | rVB2     | 945462         | 1920427       | 37.51%          | 7.381%        |

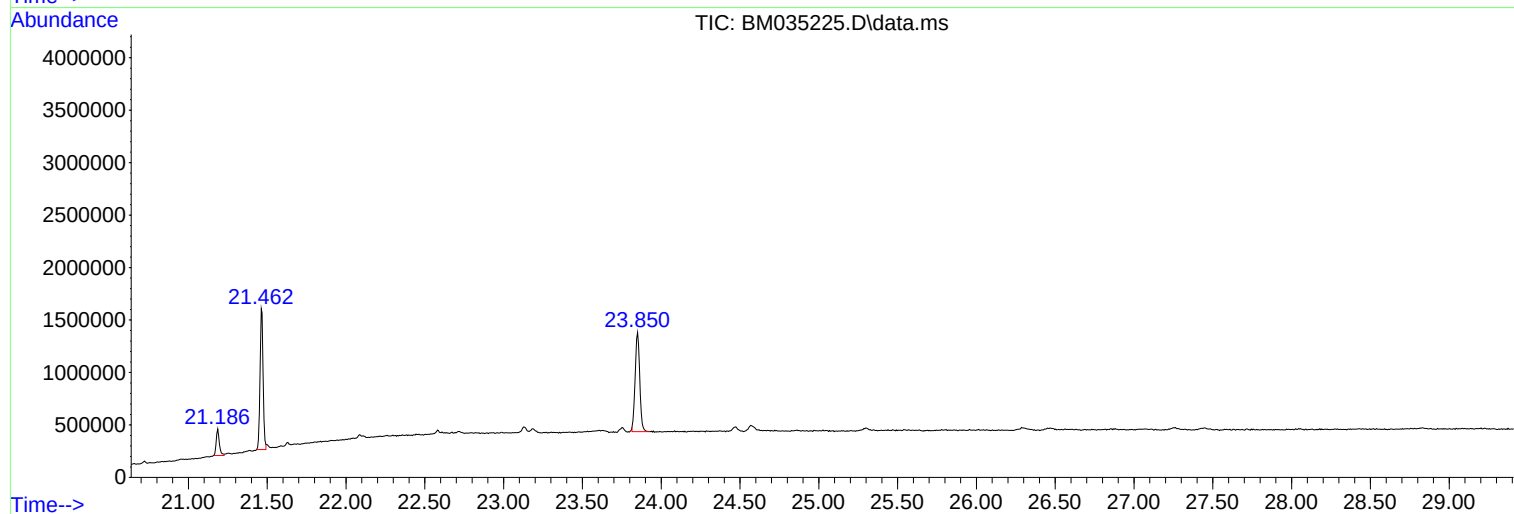
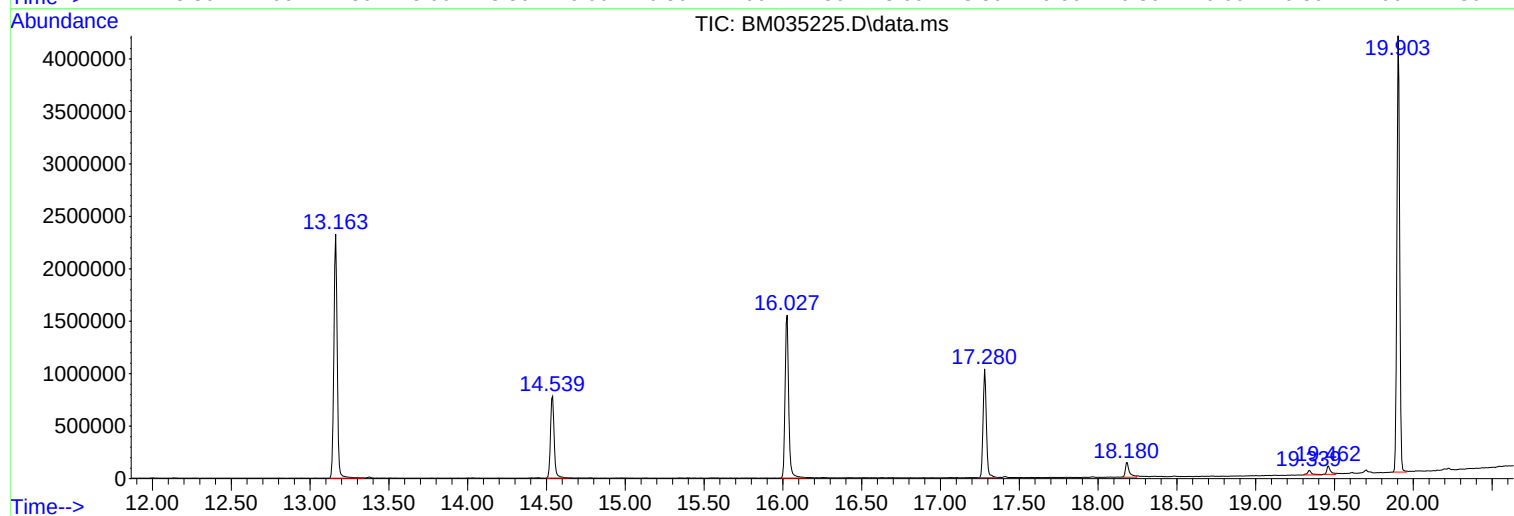
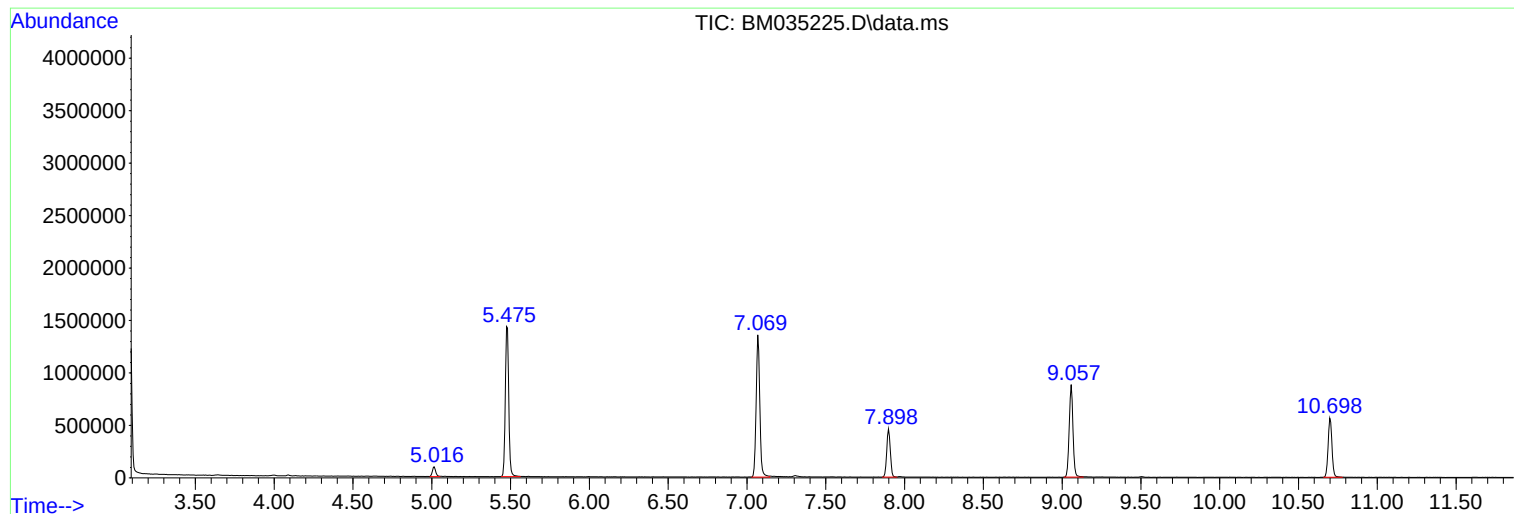
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BNA\_M  
ClientSampleId :  
SB-7(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.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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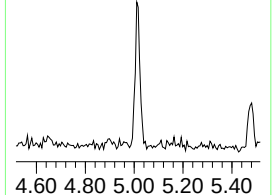
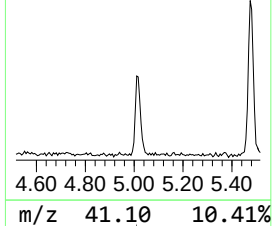
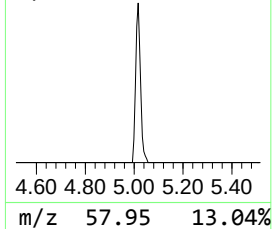
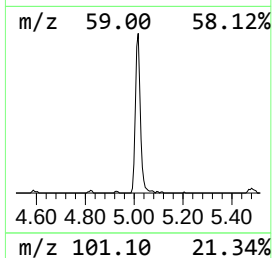
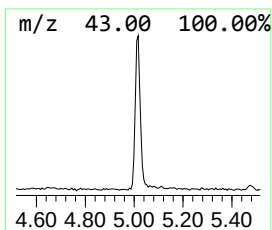
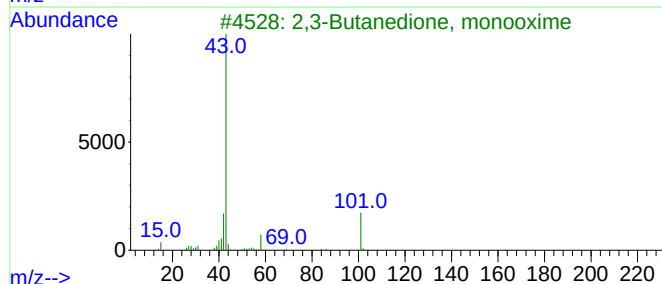
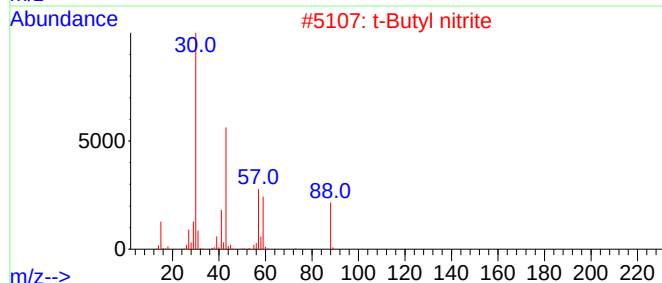
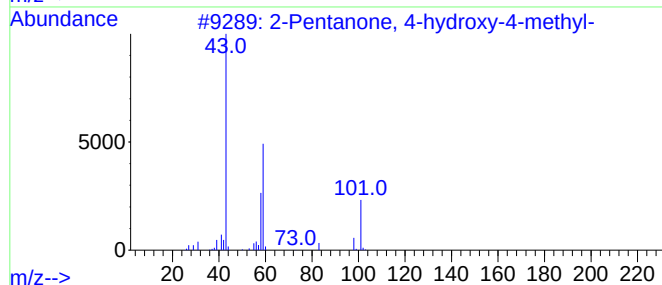
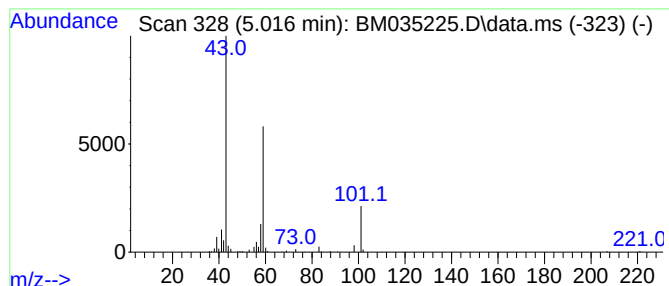
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.016 | 3.81 ng | 138062 | 1,4-Dichlorobenzene-d4 | 7.898 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 64      |      |      |
| 2    | t-Butyl nitrite                     | 103 | C4H9NO2      | 000540-80-7 | 36      |      |      |
| 3    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 35      |      |      |
| 4    | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3      | 053951-43-2 | 25      |      |      |
| 5    | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO      | 005780-40-5 | 25      |      |      |



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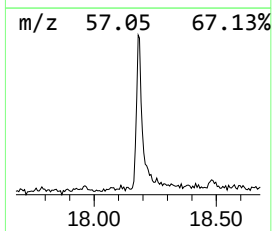
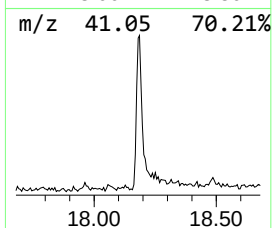
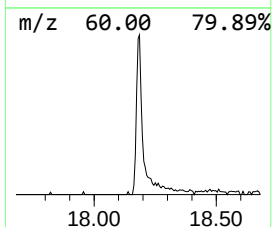
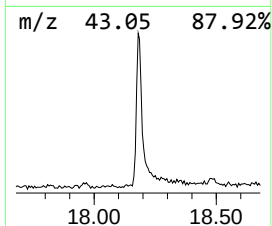
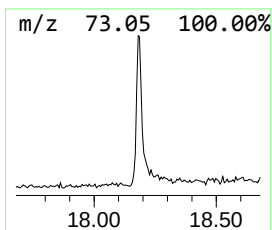
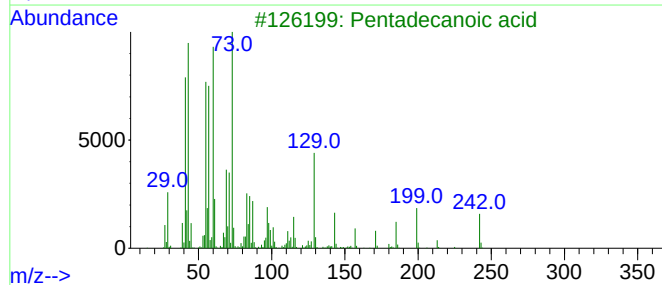
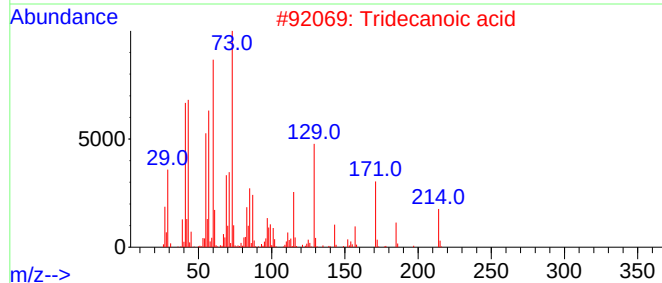
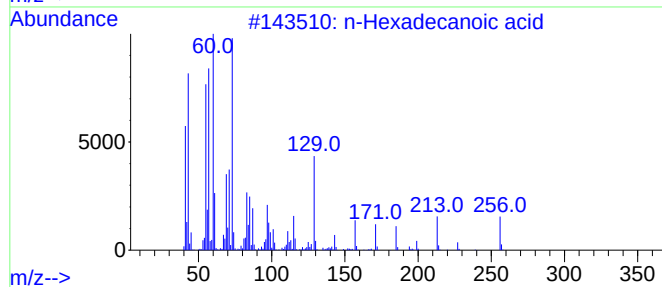
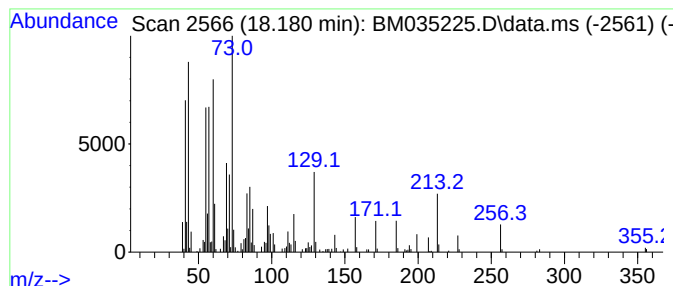
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.   |
|--------|---------|--------|------------------|--------|
| 18.180 | 3.31 ng | 251828 | Phenanthrene-d10 | 17.280 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |
| 5    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |



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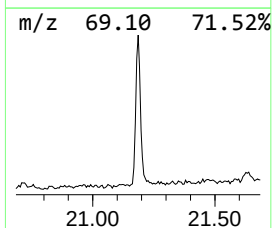
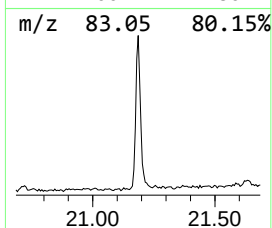
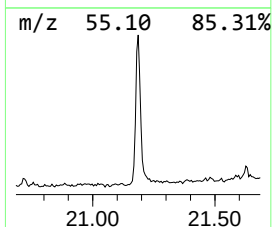
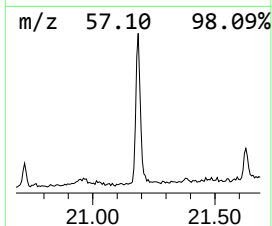
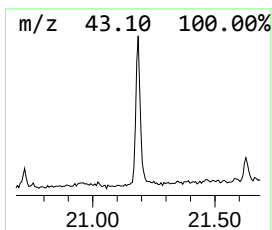
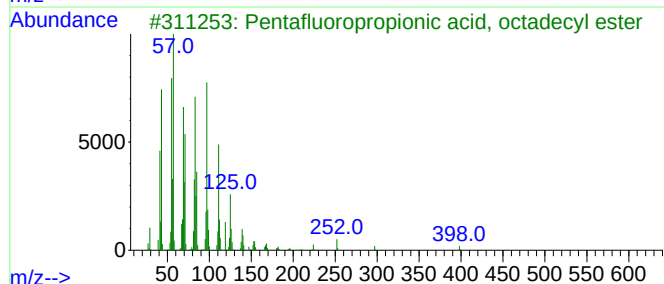
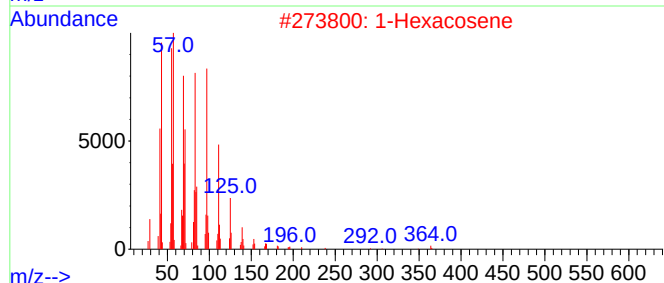
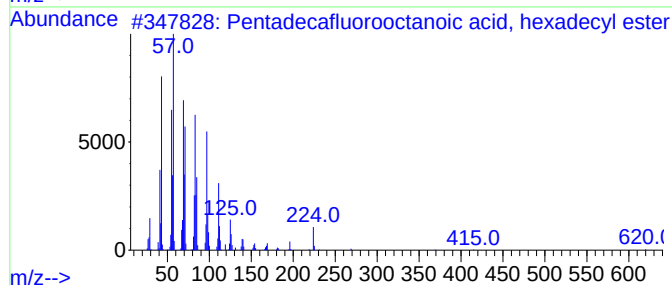
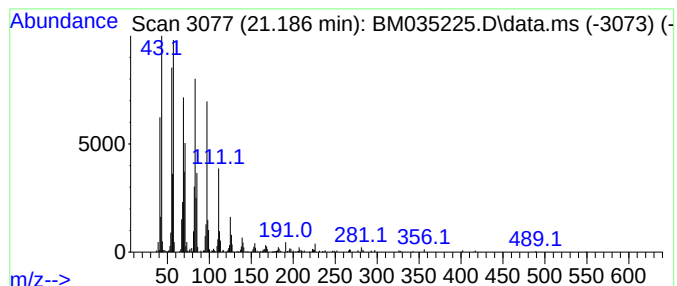
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.186 | 3.86 ng | 351080 | Chrysene-d12     | 21.462 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, he... | 638 | C24H33F15O2 | 1000406-04-6 | 94   |
| 2    |    |   | 1-Hexacosene                        | 364 | C26H52      | 018835-33-1  | 94   |
| 3    |    |   | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2  | 959261-25-7  | 94   |
| 4    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 94   |
| 5    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 5.016  | 3.8     | ng    | 138062   | 1                     | 7.898  | 724890  | 20.0 |
| n-Hexadecanoic ... | 18.180 | 3.3     | ng    | 251828   | 4                     | 17.280 | 1519450 | 20.0 |
| Pentadecafluoro... | 21.186 | 3.9     | ng    | 351080   | 5                     | 21.462 | 1817040 | 20.0 |