

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030223\  
 Data File : BF132613.D  
 Acq On : 02 Mar 2023 18:10  
 Operator : CG\JU  
 Sample : 01749-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CF-8

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\_F\Methods\8270-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132613.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         | 5.234       | 445           | 450         | 459          | rVB      | 1628382        | 2253996       | 42.05%          | 6.257%        |
| 2         | 5.628       | 512           | 517         | 520          | rBV      | 4507970        | 4535710       | 84.61%          | 12.592%       |
| 3         | 6.628       | 682           | 687         | 690          | rBV      | 4275969        | 4629711       | 86.37%          | 12.853%       |
| 4         | 6.998       | 747           | 750         | 754          | rBV      | 1509476        | 1193174       | 22.26%          | 3.312%        |
| 5         | 7.563       | 841           | 846         | 850          | rBV      | 2942595        | 3065578       | 57.19%          | 8.510%        |
| 6         | 8.286       | 965           | 969         | 972          | rBV      | 1934322        | 1516604       | 28.29%          | 4.210%        |
| 7         | 9.363       | 1148          | 1152        | 1155         | rBV      | 6062444        | 5360436       | 100.00%         | 14.881%       |
| 8         | 10.045      | 1265          | 1268        | 1272         | rVB      | 2040960        | 1732357       | 32.32%          | 4.809%        |
| 9         | 10.763      | 1384          | 1390        | 1393         | rBV      | 155829         | 140245        | 2.62%           | 0.389%        |
| 10        | 10.839      | 1399          | 1403        | 1407         | rBV      | 3280762        | 3108790       | 58.00%          | 8.630%        |
| 11        | 11.545      | 1519          | 1523        | 1526         | rBV      | 1755481        | 1525880       | 28.47%          | 4.236%        |
| 12        | 12.057      | 1607          | 1610        | 1620         | rBV2     | 180616         | 273575        | 5.10%           | 0.759%        |
| 13        | 12.998      | 1764          | 1770        | 1776         | rVB      | 42031          | 57692         | 1.08%           | 0.160%        |
| 14        | 13.133      | 1789          | 1793        | 1797         | rBV      | 4123528        | 4007245       | 74.76%          | 11.125%       |
| 15        | 14.027      | 1942          | 1945        | 1958         | rBV4     | 97505          | 341990        | 6.38%           | 0.949%        |
| 16        | 14.204      | 1971          | 1975        | 1978         | rBV      | 1188087        | 1072699       | 20.01%          | 2.978%        |
| 17        | 15.062      | 2118          | 2121        | 2125         | rVB      | 96108          | 105813        | 1.97%           | 0.294%        |
| 18        | 15.757      | 2234          | 2239        | 2249         | rVB2     | 834958         | 1100003       | 20.52%          | 3.054%        |

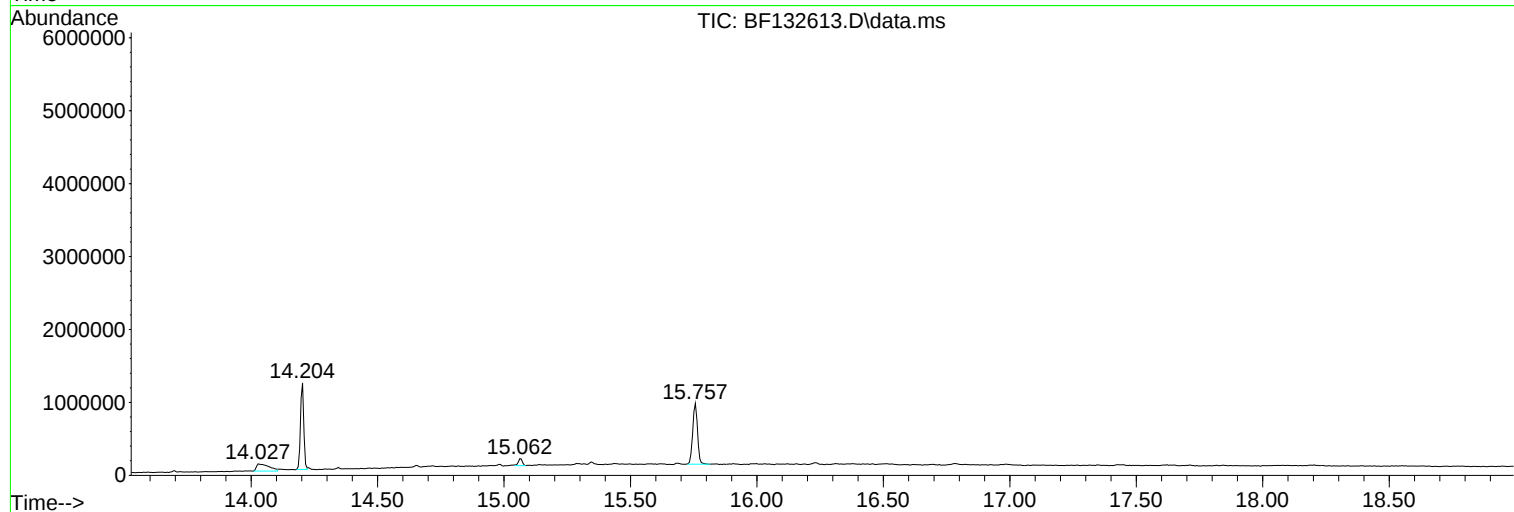
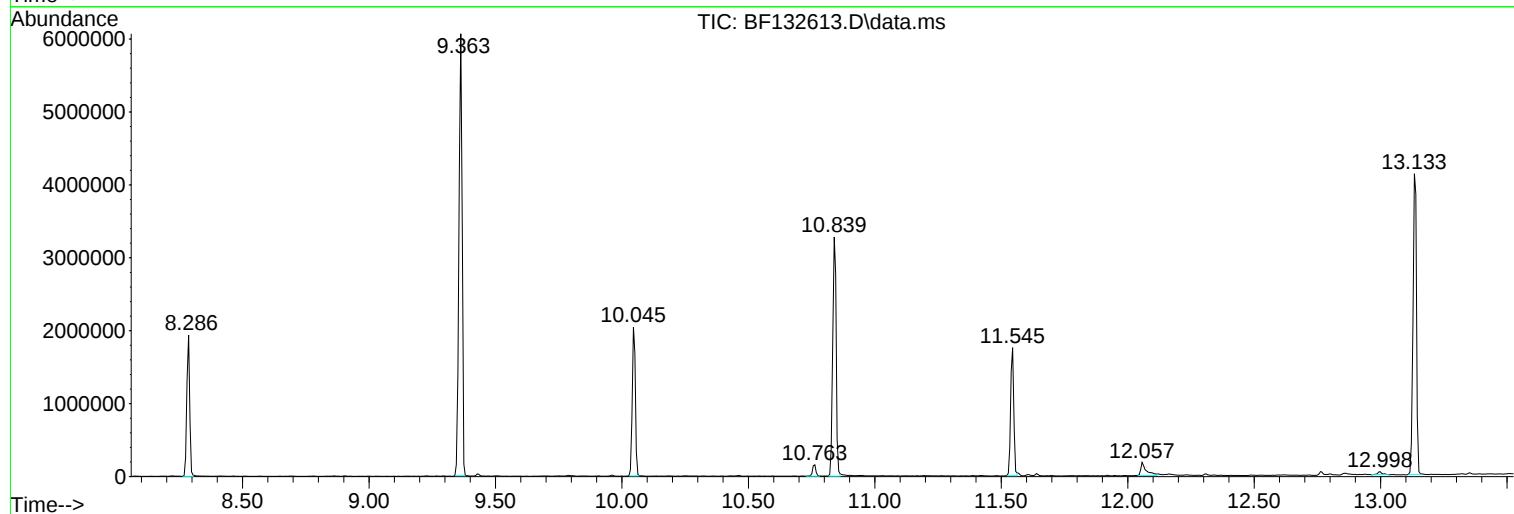
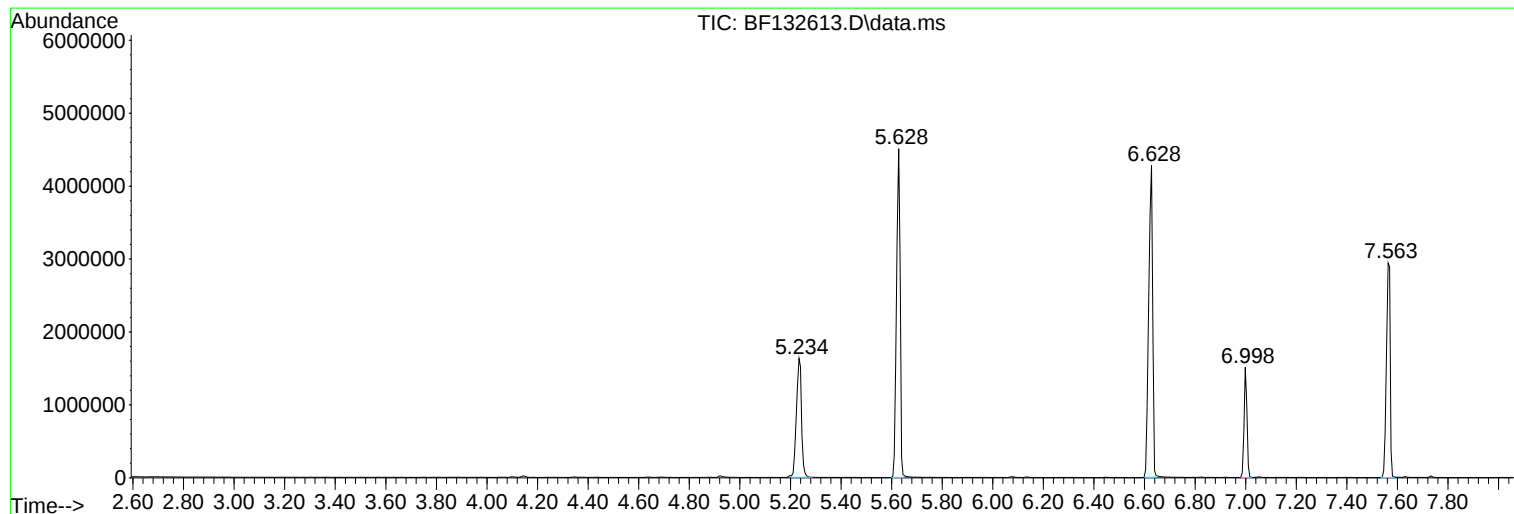
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BNA\_F  
ClientSampleId :  
CF-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.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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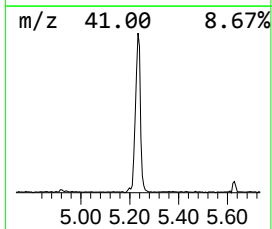
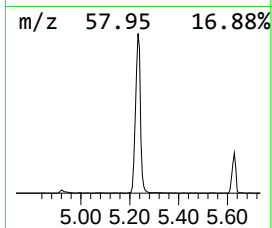
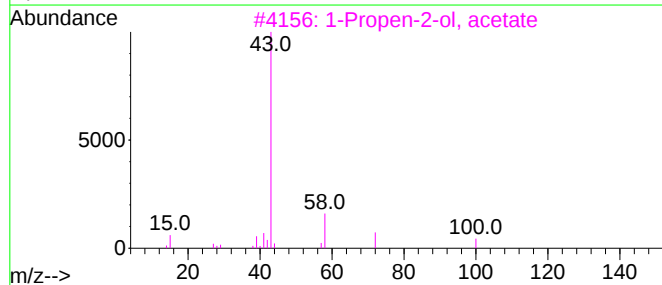
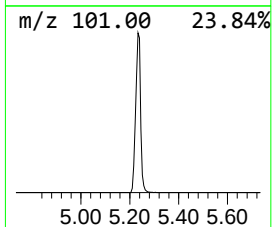
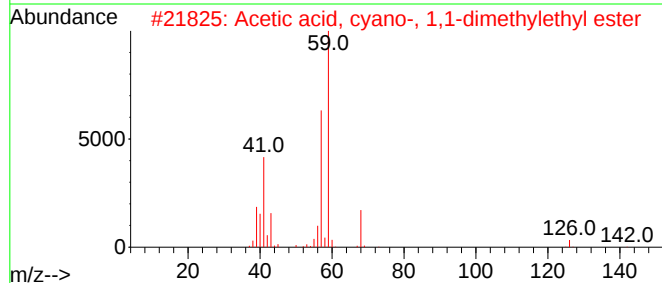
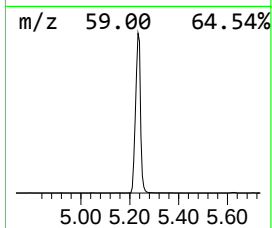
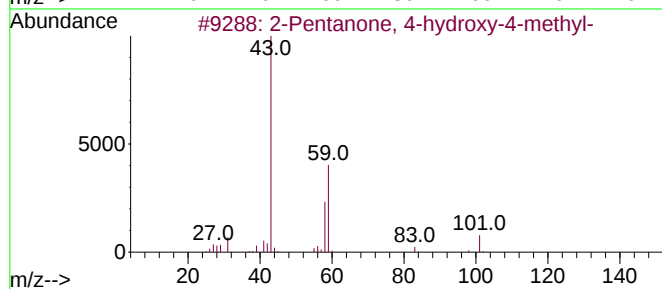
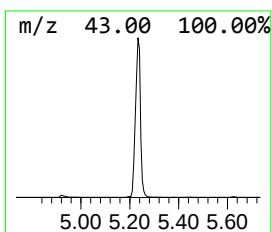
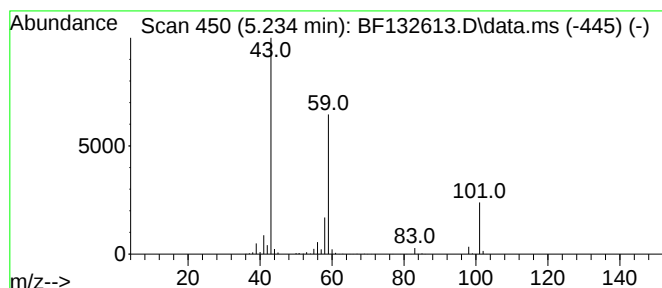
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.234 | 37.78 ng | 2254000 | 1,4-Dichlorobenzene-d4 | 6.998 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |
| 4    |    |   | 5-Hexen-2-one                       | 98  | C6H10O   | 000109-49-9 | 9    |
| 5    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 9    |



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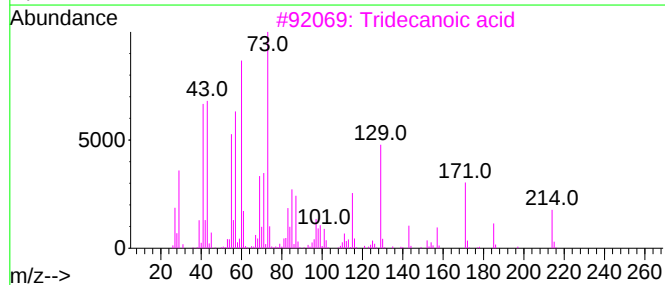
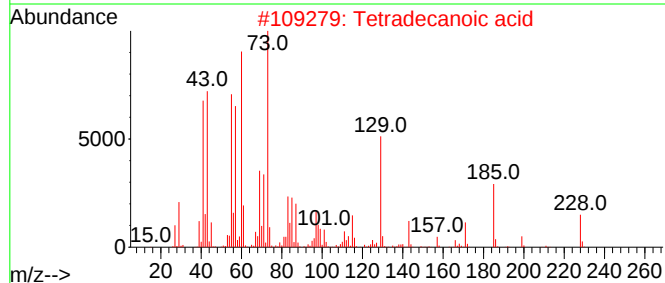
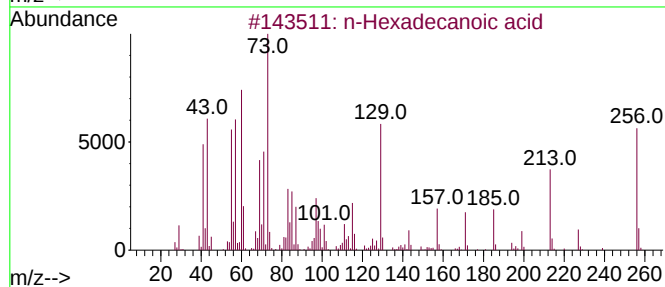
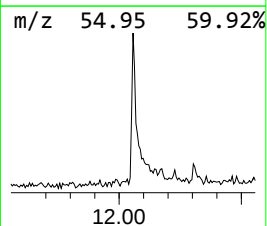
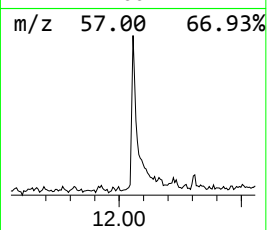
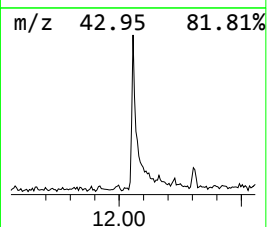
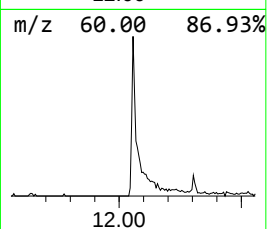
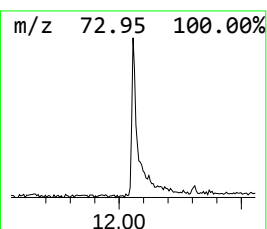
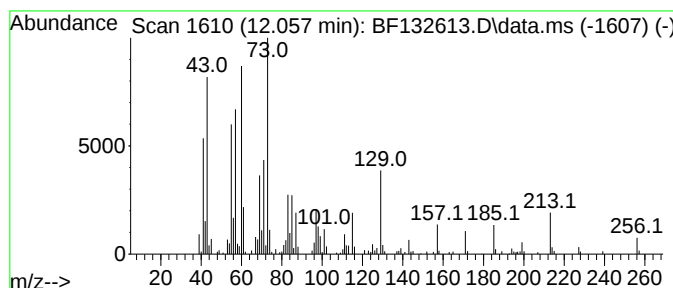
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.057 | 3.59 ng | 273575 | Phenanthrene-d10 | 11.545 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 3    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 89   |
| 4    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 5    |      | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 68   |



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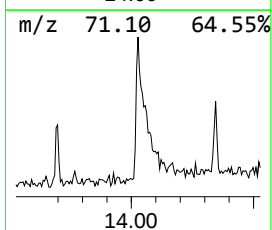
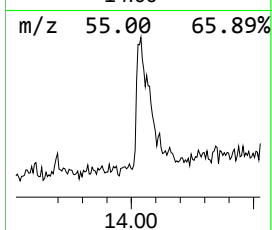
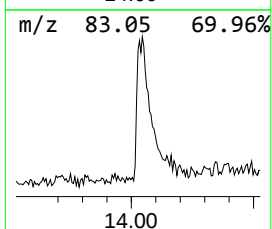
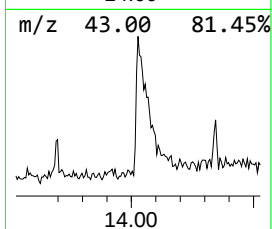
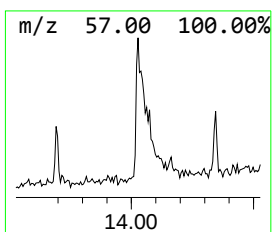
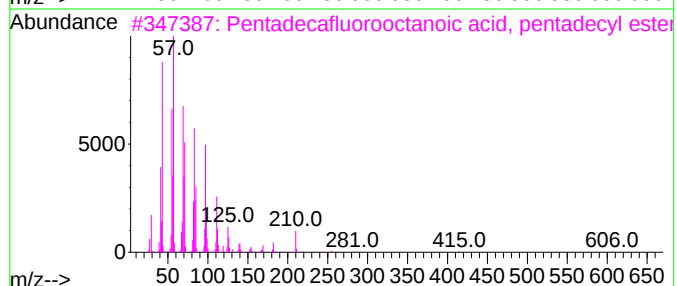
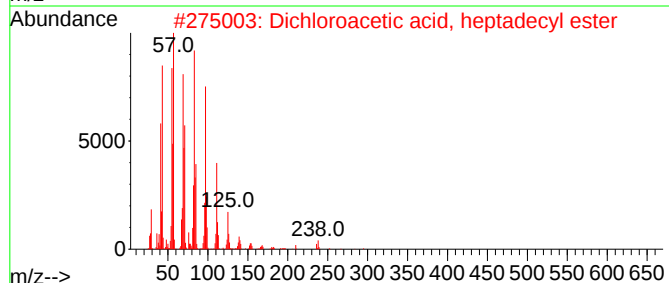
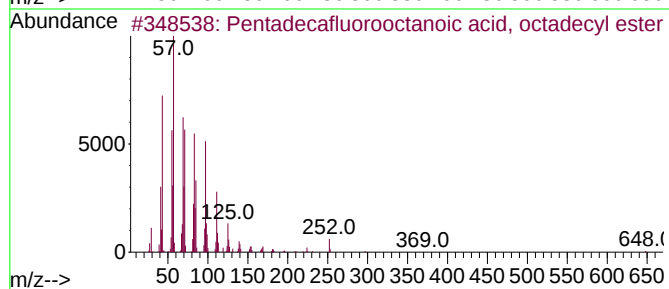
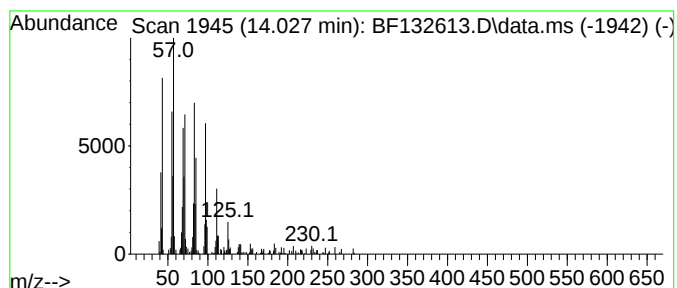
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Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.027    | 6.38 ng                             | 341990 | Chrysene-d12     | 14.204       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 94   |
| 2         | Dichloroacetic acid, heptadecyl ... | 366    | C19H36Cl2O2      | 1000282-98-2 | 93   |
| 3         | Pentadecafluorooctanoic acid, pe... | 624    | C23H31F15O2      | 1000406-04-5 | 93   |
| 4         | E-7-Octadecene                      | 252    | C18H36           | 1000130-92-0 | 92   |
| 5         | 1-Octadecene                        | 252    | C18H36           | 000112-88-9  | 92   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 5.234  | 37.8    | ng    | 2254000  | 1                     | 6.998  | 1193170 | 20.0 |
| n-Hexadecanoic ... | 12.057 | 3.6     | ng    | 273575   | 4                     | 11.545 | 1525880 | 20.0 |
| Pentadecafluoro... | 14.027 | 6.4     | ng    | 341990   | 5                     | 14.204 | 1072700 | 20.0 |