

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102823\  
 Data File : BF136010.D  
 Acq On : 28 Oct 2023 17:39  
 Operator : CG\JU  
 Sample : 05051-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUCT-BANK-1A

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-BF102523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136010.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         | 5.051       | 499           | 504         | 509          | rBV      | 106749         | 112161        | 4.09%           | 0.537%        |
| 2         | 5.451       | 567           | 572         | 575          | rBV      | 2667055        | 2503435       | 91.29%          | 11.983%       |
| 3         | 6.451       | 737           | 742         | 745          | rBV      | 2680425        | 2487095       | 90.70%          | 11.905%       |
| 4         | 6.651       | 773           | 776         | 785          | rBV      | 47718          | 48968         | 1.79%           | 0.234%        |
| 5         | 6.822       | 802           | 805         | 809          | rVB      | 1055650        | 889598        | 32.44%          | 4.258%        |
| 6         | 7.387       | 896           | 901         | 904          | rBV      | 1734174        | 1571108       | 57.29%          | 7.521%        |
| 7         | 8.104       | 1019          | 1023        | 1026         | rBV      | 1595020        | 1179586       | 43.02%          | 5.646%        |
| 8         | 9.181       | 1203          | 1206        | 1210         | rVB      | 3163715        | 2742155       | 100.00%         | 13.126%       |
| 9         | 9.298       | 1224          | 1226        | 1231         | rBV      | 39523          | 37056         | 1.35%           | 0.177%        |
| 10        | 9.863       | 1318          | 1322        | 1325         | rBV      | 1570824        | 1292266       | 47.13%          | 6.186%        |
| 11        | 10.651      | 1452          | 1456        | 1459         | rBV      | 2224518        | 1790798       | 65.31%          | 8.572%        |
| 12        | 11.351      | 1571          | 1575        | 1579         | rBV      | 1635646        | 1307379       | 47.68%          | 6.258%        |
| 13        | 11.892      | 1663          | 1667        | 1677         | rBV2     | 202126         | 215463        | 7.86%           | 1.031%        |
| 14        | 12.680      | 1798          | 1801        | 1813         | rBV2     | 65254          | 78919         | 2.88%           | 0.378%        |
| 15        | 12.951      | 1843          | 1847        | 1850         | rBV      | 3155747        | 2672114       | 97.45%          | 12.791%       |
| 16        | 13.916      | 2005          | 2011        | 2022         | rVB      | 14832          | 47842         | 1.74%           | 0.229%        |
| 17        | 14.004      | 2022          | 2026        | 2030         | rBV      | 1067662        | 908292        | 33.12%          | 4.348%        |
| 18        | 14.110      | 2040          | 2044        | 2049         | rVB      | 36257          | 42646         | 1.56%           | 0.204%        |
| 19        | 15.492      | 2274          | 2279        | 2287         | rBV2     | 805459         | 963943        | 35.15%          | 4.614%        |

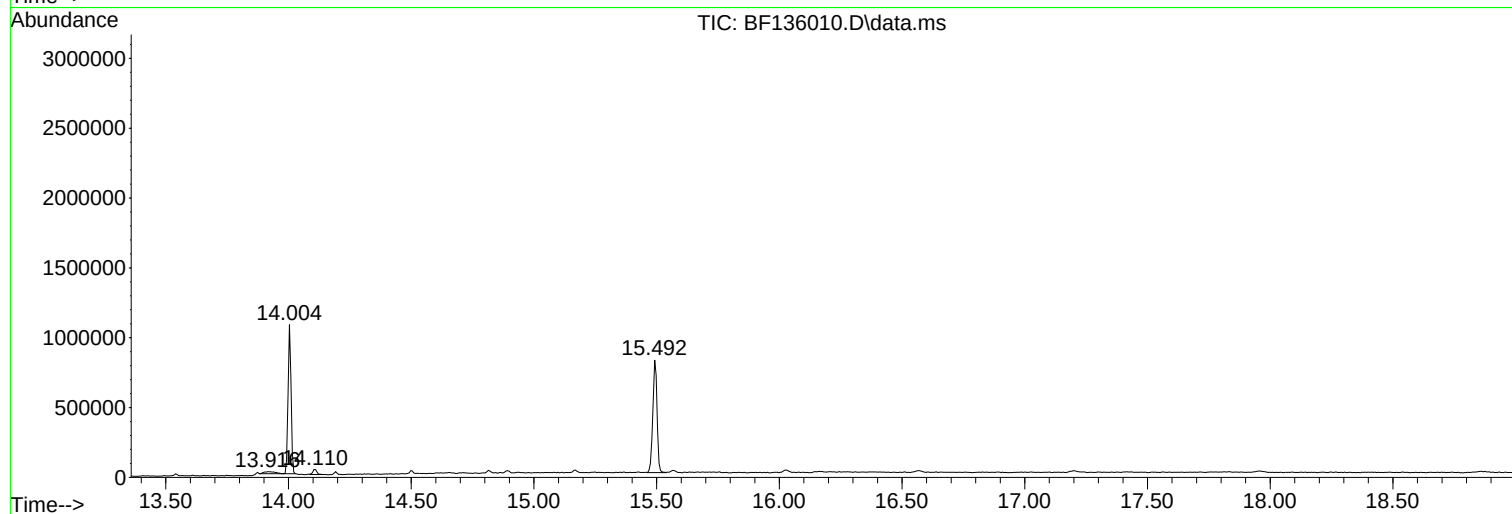
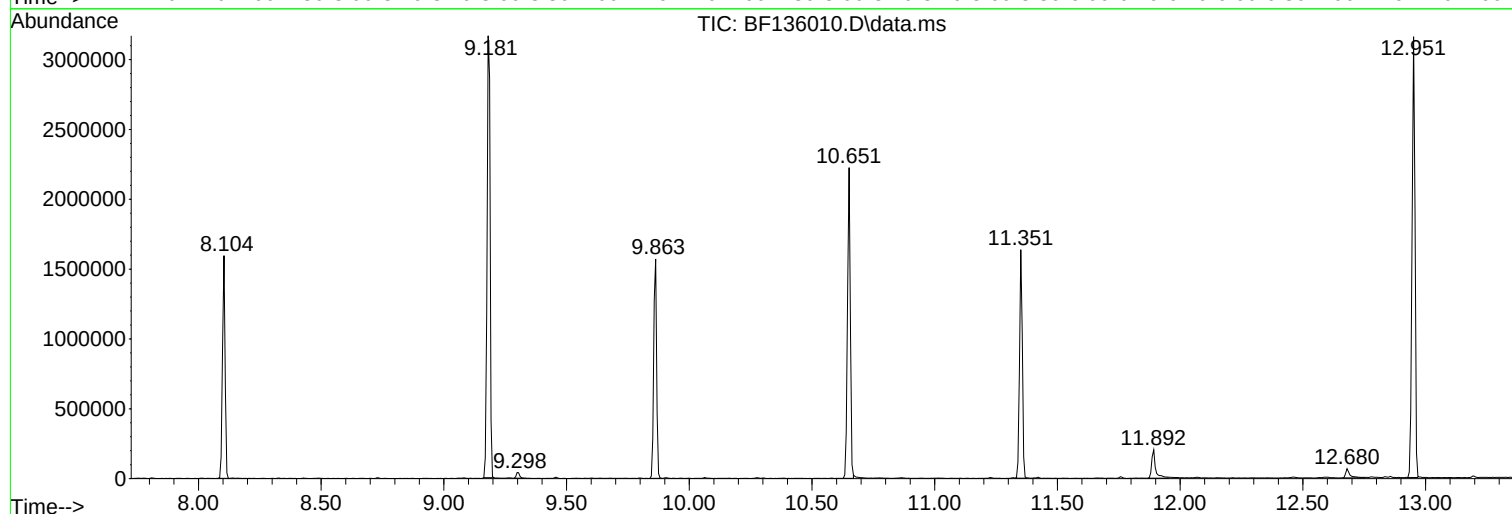
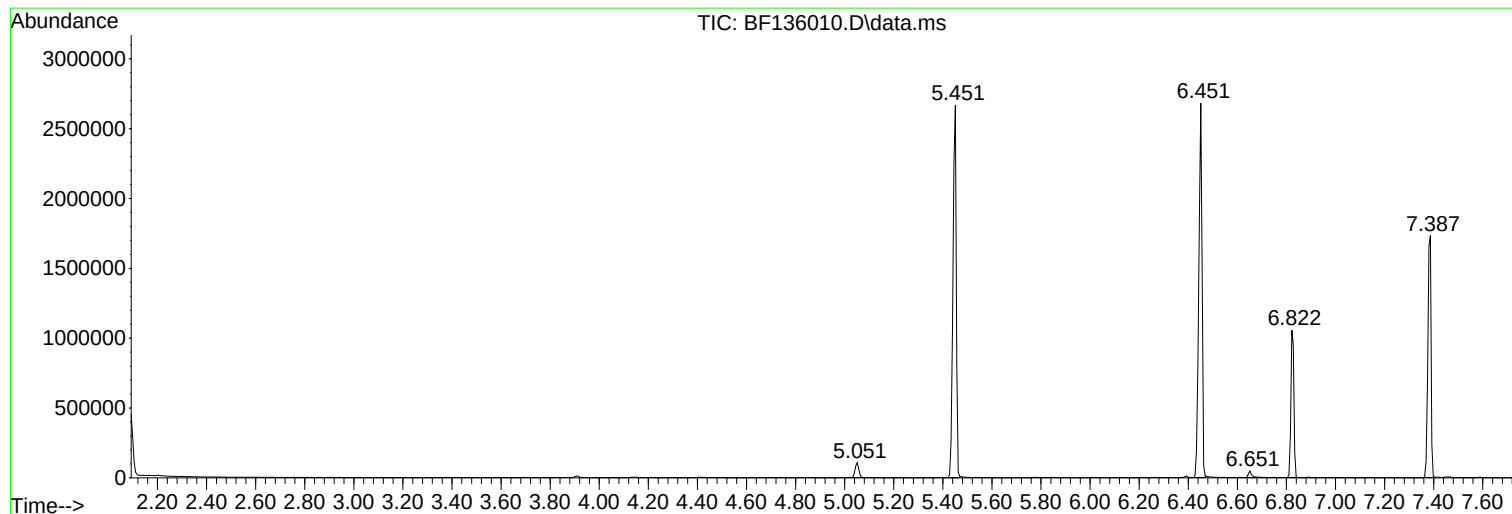
Sum of corrected areas: 20890824

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BNA\_F  
ClientSampleId :  
DUCT-BANK-1A

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.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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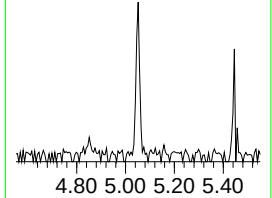
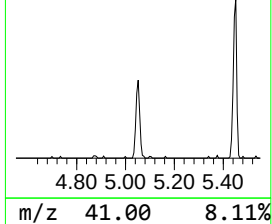
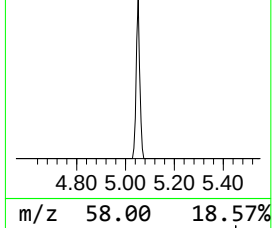
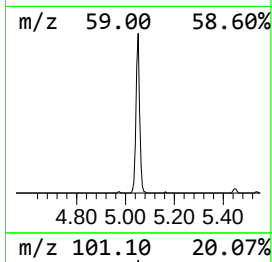
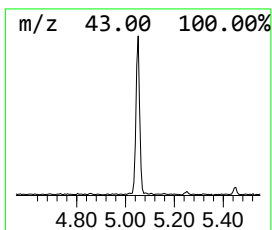
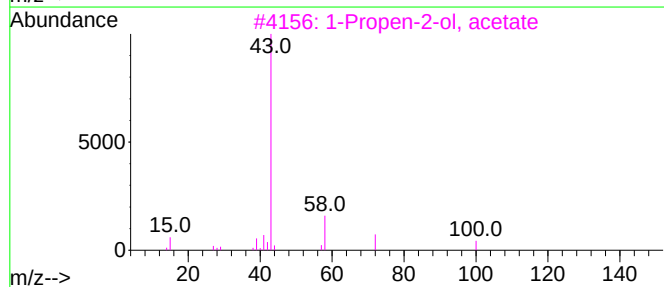
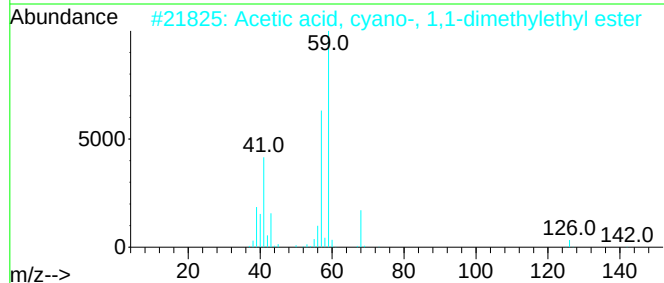
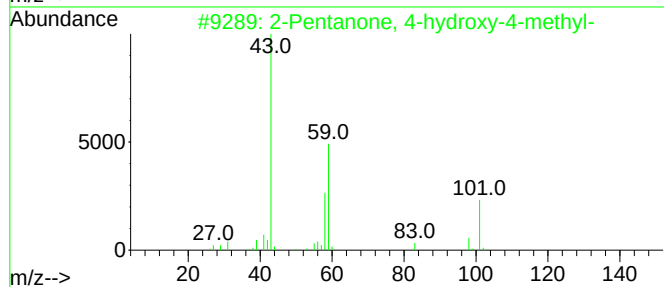
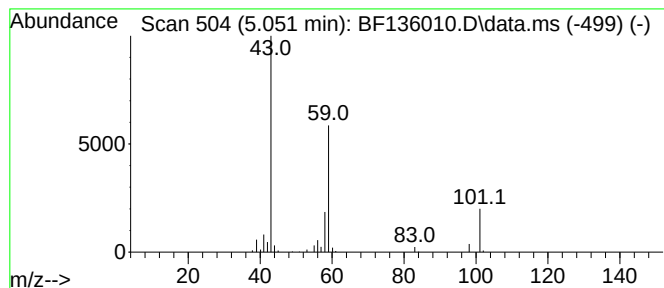
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.  |
|-------|---------|--------|------------------------|-------|
| 5.051 | 2.52 ng | 112161 | 1,4-Dichlorobenzene-d4 | 6.828 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 53      |      |      |
| 2    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 3    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 4    | 5-Hexen-2-one                       | 98  | C6H10O       | 000109-49-9 | 9       |      |      |
| 5    | Acetone                             | 58  | C3H6O        | 000067-64-1 | 9       |      |      |



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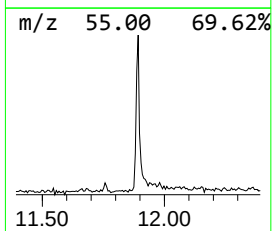
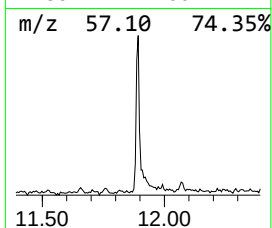
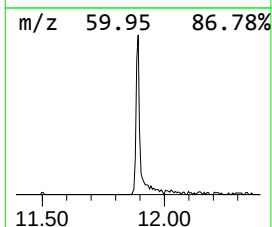
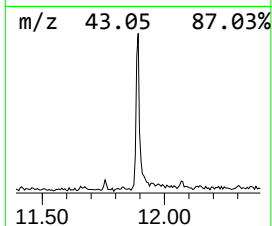
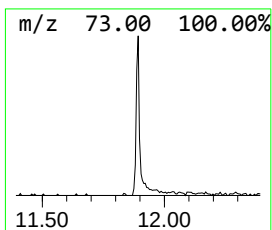
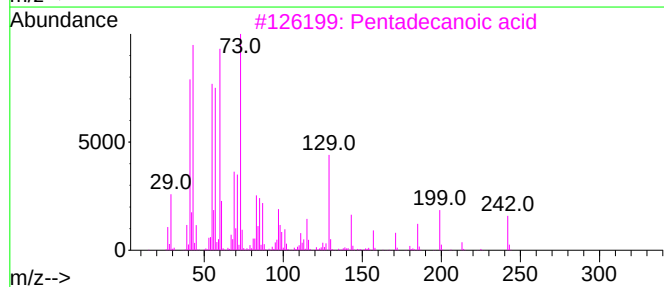
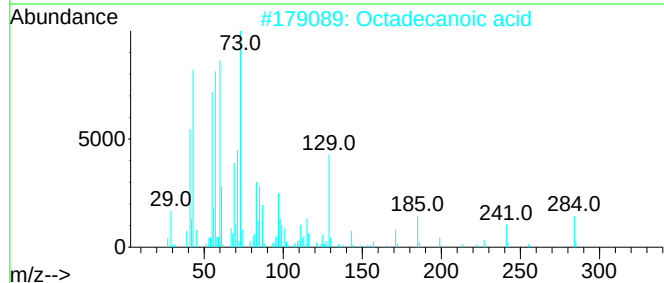
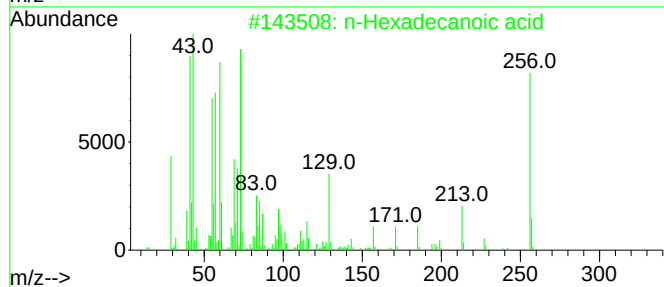
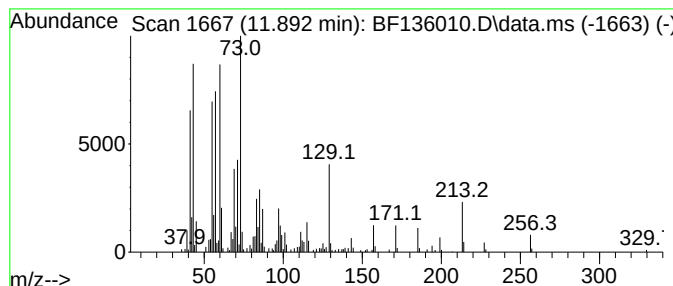
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.892 | 3.30 ng | 215463 | Phenanthrene-d10 | 11.351 |

| 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 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 5.051  | 2.5     | ng    | 112161   | 1                     | 6.828  | 889598  | 20.0 |
| n-Hexadecanoic ... | 11.892 | 3.3     | ng    | 215463   | 4                     | 11.351 | 1307380 | 20.0 |