

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102823\  
 Data File : BF136018.D  
 Acq On : 28 Oct 2023 21:49  
 Operator : CG\JU  
 Sample : 05051-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DUCT-BANK-2A

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: BF136018.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         | 5.057       | 500           | 505         | 510          | rBV      | 159549         | 183495        | 5.26%           | 0.724%        |
| 2         | 5.451       | 567           | 572         | 575          | rBV      | 3185463        | 3081272       | 88.26%          | 12.158%       |
| 3         | 6.457       | 737           | 743         | 745          | rBV      | 2874133        | 3143389       | 90.04%          | 12.403%       |
| 4         | 6.651       | 773           | 776         | 785          | rBV      | 48470          | 52935         | 1.52%           | 0.209%        |
| 5         | 6.822       | 802           | 805         | 809          | rBV      | 1128140        | 926353        | 26.53%          | 3.655%        |
| 6         | 7.387       | 896           | 901         | 904          | rBV      | 2364252        | 1994156       | 57.12%          | 7.868%        |
| 7         | 8.104       | 1019          | 1023        | 1026         | rBV      | 1606358        | 1225029       | 35.09%          | 4.834%        |
| 8         | 9.181       | 1202          | 1206        | 1210         | rBV      | 3832669        | 3491210       | 100.00%         | 13.775%       |
| 9         | 9.298       | 1224          | 1226        | 1231         | rVB      | 42667          | 40978         | 1.17%           | 0.162%        |
| 10        | 9.863       | 1318          | 1322        | 1325         | rBV      | 1611245        | 1349950       | 38.67%          | 5.326%        |
| 11        | 10.651      | 1452          | 1456        | 1459         | rBV      | 2628123        | 2274275       | 65.14%          | 8.974%        |
| 12        | 11.351      | 1571          | 1575        | 1578         | rBV      | 1686465        | 1364984       | 39.10%          | 5.386%        |
| 13        | 11.892      | 1663          | 1667        | 1671         | rBV2     | 169367         | 180350        | 5.17%           | 0.712%        |
| 14        | 12.569      | 1778          | 1782        | 1786         | rBV      | 102517         | 87961         | 2.52%           | 0.347%        |
| 15        | 12.680      | 1797          | 1801        | 1806         | rBV3     | 48952          | 61010         | 1.75%           | 0.241%        |
| 16        | 12.798      | 1815          | 1821        | 1824         | rBV      | 82448          | 99573         | 2.85%           | 0.393%        |
| 17        | 12.951      | 1843          | 1847        | 1851         | rBV      | 3715294        | 3399406       | 97.37%          | 13.413%       |
| 18        | 13.539      | 1942          | 1947        | 1950         | rBV      | 39205          | 39044         | 1.12%           | 0.154%        |
| 19        | 13.874      | 2001          | 2004        | 2006         | rBV      | 41242          | 42964         | 1.23%           | 0.170%        |
| 20        | 14.004      | 2022          | 2026        | 2029         | rBV      | 1082603        | 984551        | 28.20%          | 3.885%        |
| 21        | 14.110      | 2040          | 2044        | 2048         | rVB      | 33258          | 37342         | 1.07%           | 0.147%        |
| 22        | 14.498      | 2107          | 2110        | 2115         | rBV2     | 35998          | 39652         | 1.14%           | 0.156%        |
| 23        | 15.051      | 2201          | 2204        | 2208         | rBV      | 39165          | 56506         | 1.62%           | 0.223%        |
| 24        | 15.168      | 2220          | 2224        | 2229         | rBV      | 40165          | 48005         | 1.38%           | 0.189%        |
| 25        | 15.362      | 2254          | 2257        | 2264         | rVB2     | 30504          | 38177         | 1.09%           | 0.151%        |
| 26        | 15.421      | 2264          | 2267        | 2274         | rVB      | 30532          | 39657         | 1.14%           | 0.156%        |
| 27        | 15.492      | 2274          | 2279        | 2288         | rBV      | 771779         | 1016525       | 29.12%          | 4.011%        |
| 28        | 16.027      | 2366          | 2370        | 2376         | rBV3     | 28042          | 45553         | 1.30%           | 0.180%        |

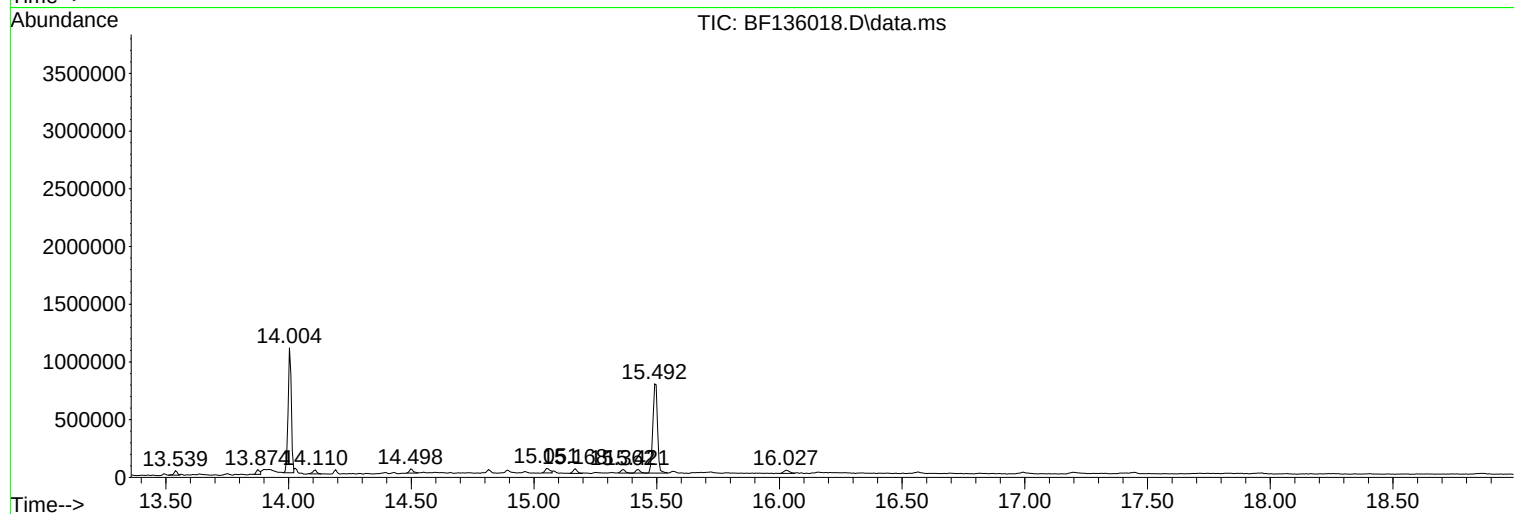
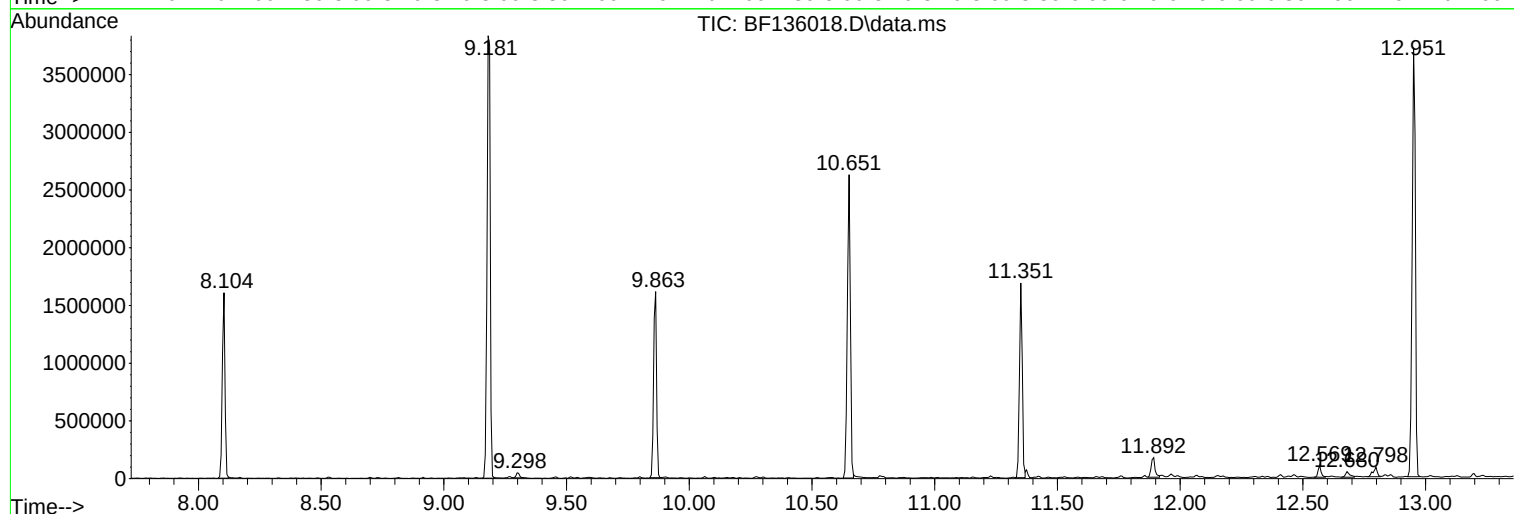
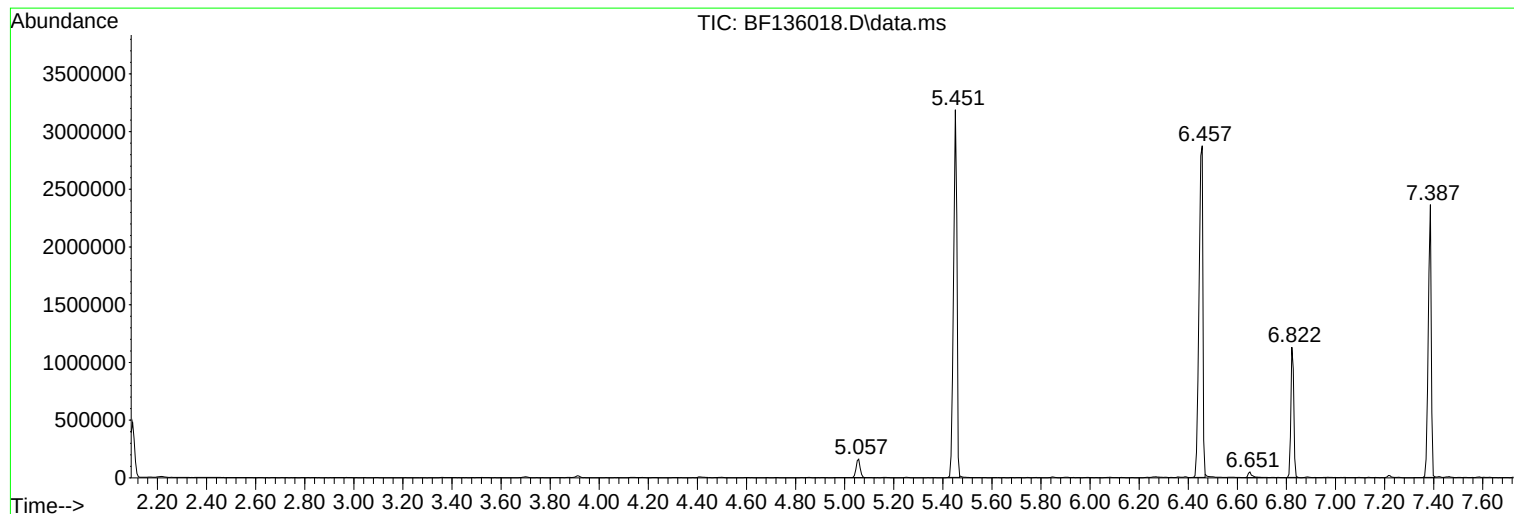
Sum of corrected areas: 25344302

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Instrument :  
BNA\_F  
ClientSampleId :  
DUCT-BANK-2A

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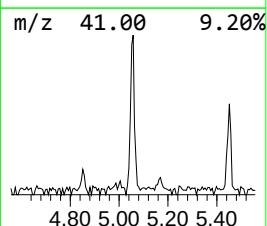
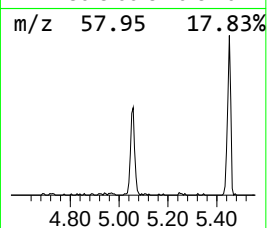
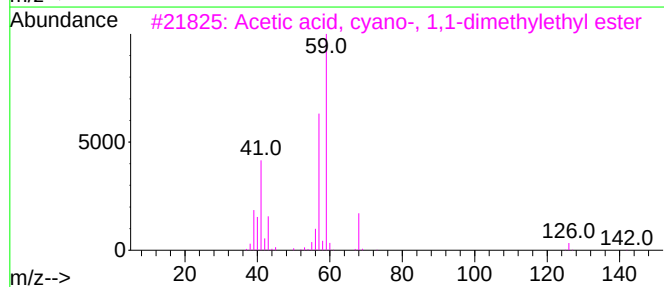
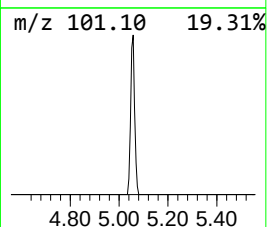
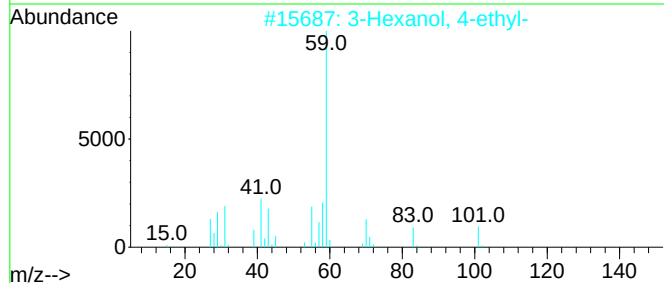
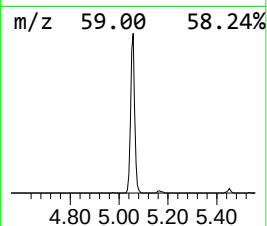
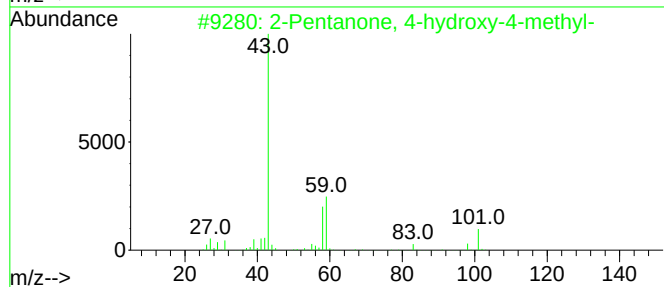
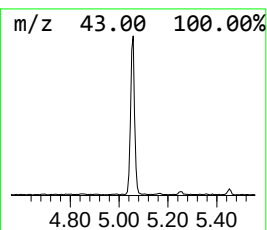
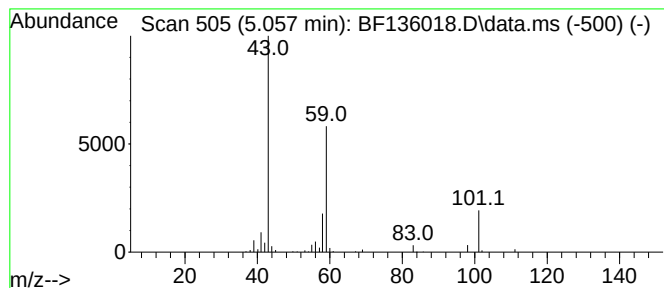
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.057 | 3.96 ng | 183495 | 1,4-Dichlorobenzene-d4 | 6.822 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 64      |      |      |
| 2    | 3-Hexanol, 4-ethyl-                 | 130 | C8H18O       | 019780-44-0 | 28      |      |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 4    | 3-Hydroxy-3-methyl-2-butanone       | 102 | C5H10O2      | 000115-22-0 | 17      |      |      |
| 5    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 12      |      |      |



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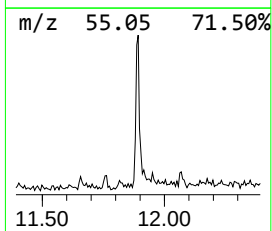
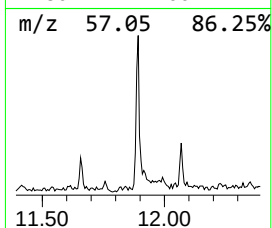
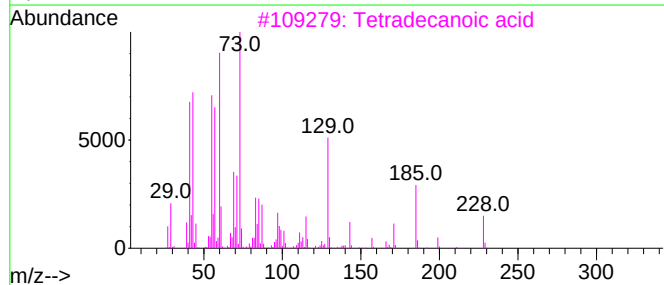
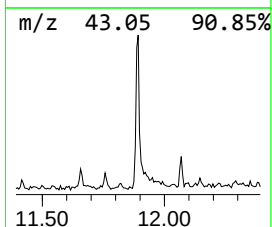
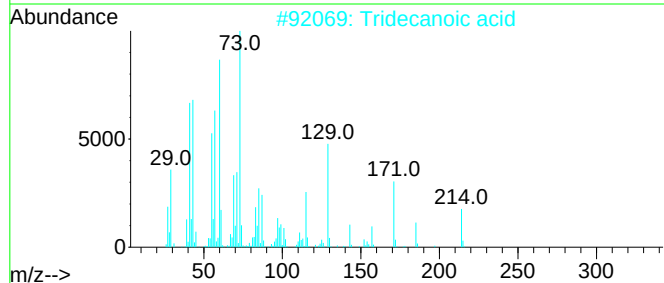
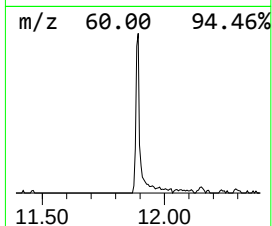
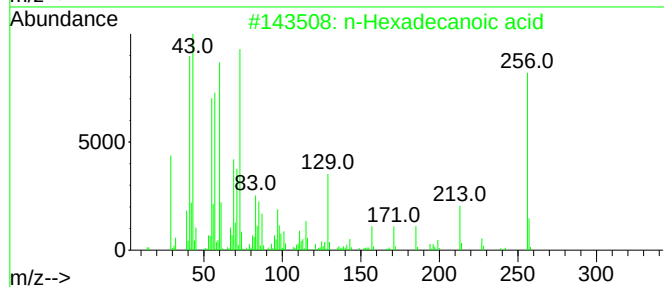
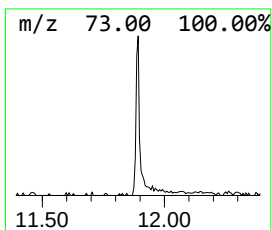
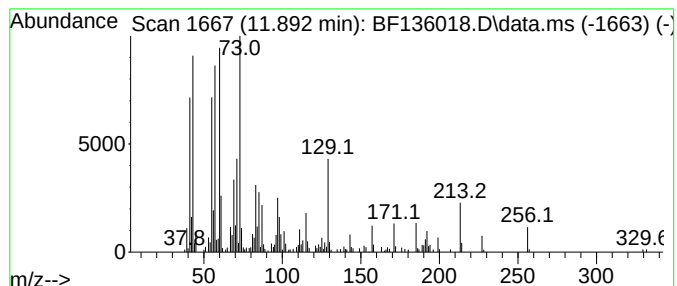
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.892 | 2.64 ng | 180350 | Phenanthrene-d10 | 11.351 |

| 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    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 5    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 90   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 5.057  | 4.0     | ng    | 183495   | 1                     | 6.822  | 926353  | 20.0 |
| n-Hexadecanoic ... | 11.892 | 2.6     | ng    | 180350   | 4                     | 11.351 | 1364980 | 20.0 |