

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021121\  
 Data File : BF123182.D  
 Acq On : 11 Feb 2021 13:00  
 Operator : JU/CG  
 Sample : PB134558BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB134558BL

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-BF012721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123182.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         | 5.516       | 577           | 583         | 585          | rBV      | 4483514        | 5173261       | 64.59%          | 11.972%       |
| 2         | 6.510       | 746           | 752         | 755          | rBV      | 4434619        | 5190608       | 64.80%          | 12.012%       |
| 3         | 6.881       | 811           | 815         | 819          | rBV      | 1325420        | 1071241       | 13.37%          | 2.479%        |
| 4         | 7.445       | 905           | 911         | 914          | rBV      | 3107884        | 3503906       | 43.75%          | 8.109%        |
| 5         | 8.163       | 1028          | 1033        | 1037         | rBV      | 1436728        | 1433855       | 17.90%          | 3.318%        |
| 6         | 9.245       | 1210          | 1217        | 1220         | rBV      | 6001680        | 6645642       | 82.97%          | 15.379%       |
| 7         | 9.922       | 1326          | 1332        | 1336         | rBV      | 1737086        | 1739521       | 21.72%          | 4.026%        |
| 8         | 10.716      | 1460          | 1467        | 1491         | rBV      | 4168826        | 4665092       | 58.24%          | 10.796%       |
| 9         | 11.416      | 1580          | 1586        | 1589         | rBV      | 2088072        | 1832238       | 22.88%          | 4.240%        |
| 10        | 11.939      | 1669          | 1675        | 1690         | rBV      | 109181         | 220094        | 2.75%           | 0.509%        |
| 11        | 13.016      | 1850          | 1858        | 1861         | rBV      | 7544571        | 8009761       | 100.00%         | 18.536%       |
| 12        | 14.063      | 2032          | 2036        | 2040         | rBV      | 1892609        | 1758371       | 21.95%          | 4.069%        |
| 13        | 15.186      | 2223          | 2227        | 2233         | rBV      | 75682          | 118717        | 1.48%           | 0.275%        |
| 14        | 15.551      | 2283          | 2289        | 2301         | rVB      | 1193122        | 1635135       | 20.41%          | 3.784%        |
| 15        | 16.027      | 2364          | 2370        | 2377         | rBV2     | 65752          | 111999        | 1.40%           | 0.259%        |
| 16        | 16.545      | 2452          | 2458        | 2464         | rVB2     | 54323          | 102008        | 1.27%           | 0.236%        |

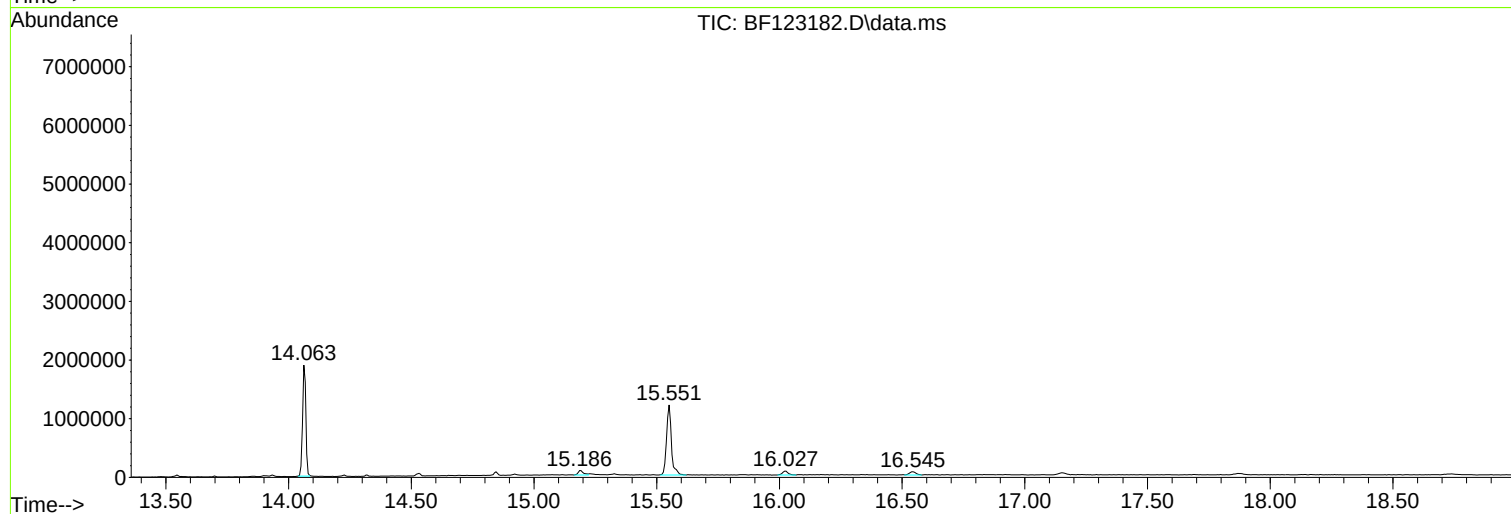
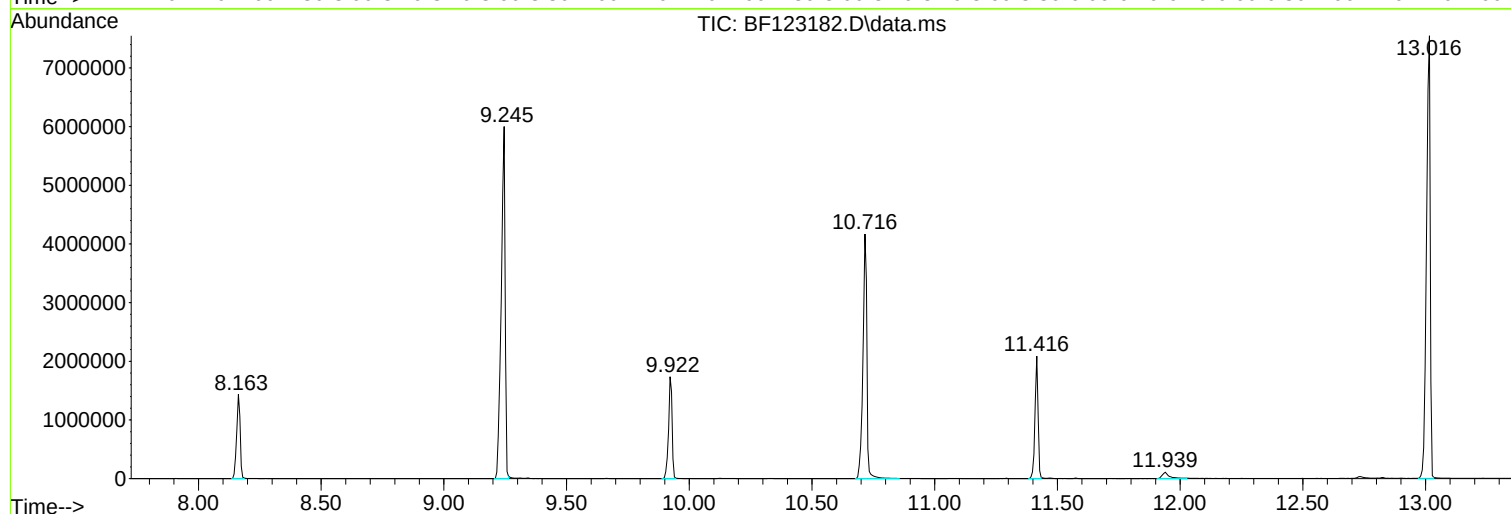
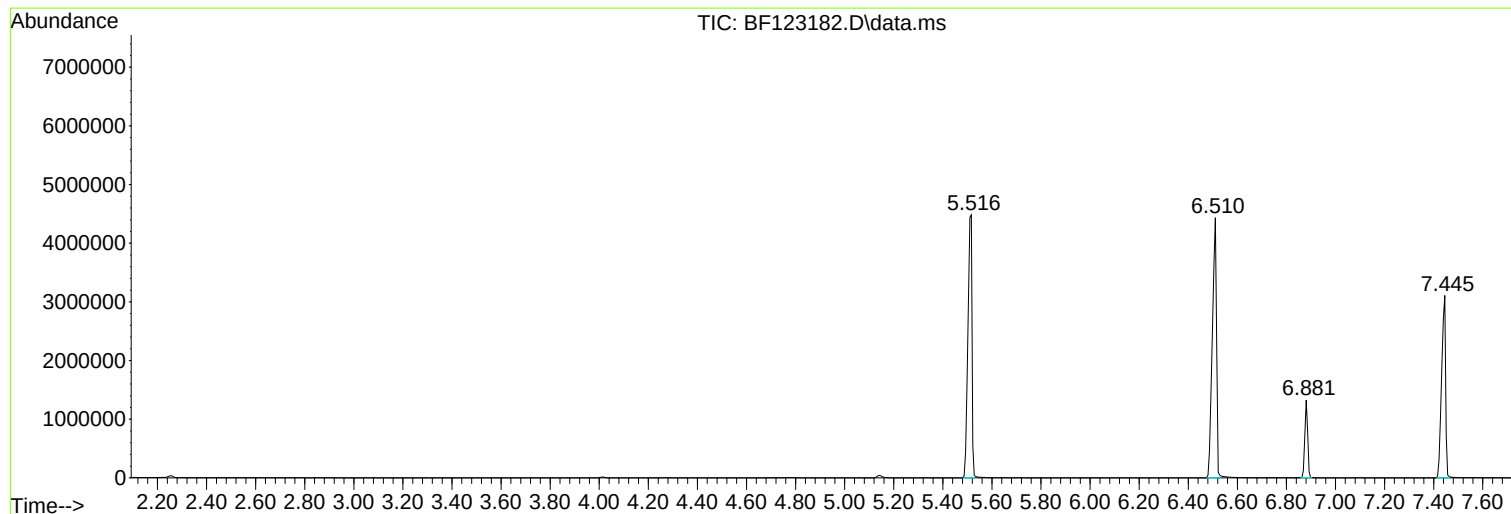
Sum of corrected areas: 43211449

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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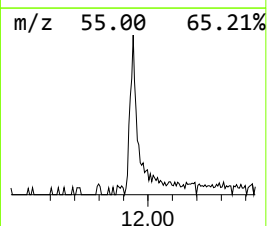
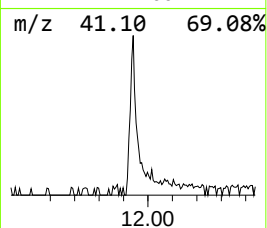
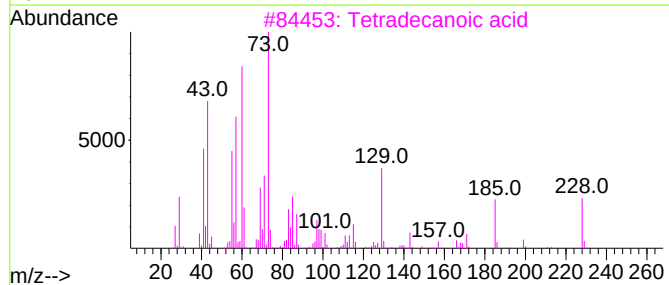
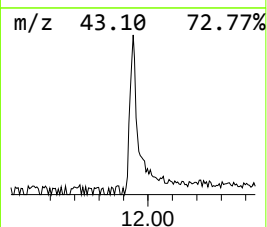
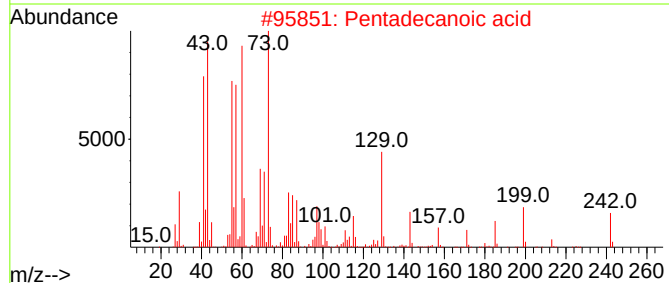
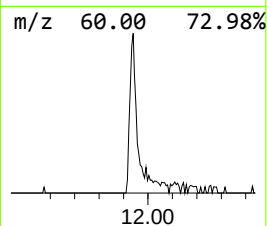
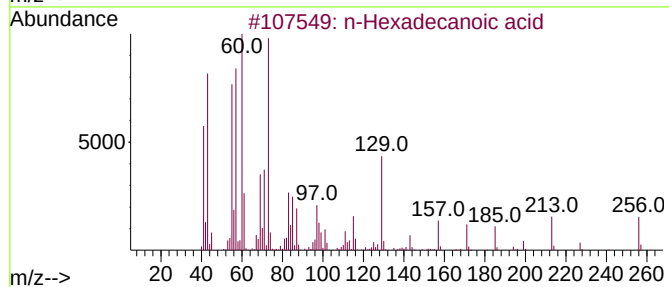
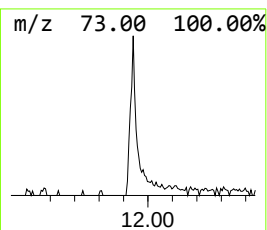
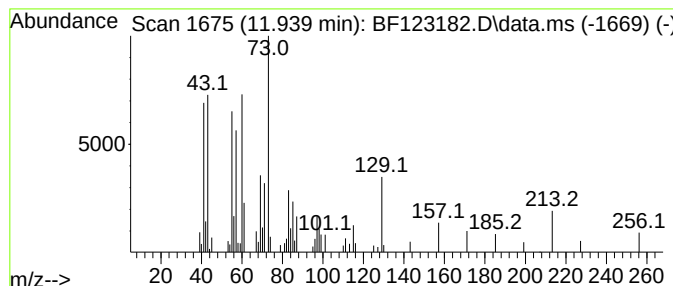
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.939 | 2.40 ng | 220094 | Phenanthrene-d10 | 11.416 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 62   |
| 4    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 53   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 52   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 11.939 | 2.4     | ng    | 220094   | 4                     | 11.416 | 1832240 | 20.0 |