

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020724\  
 Data File : BF137320.D  
 Acq On : 07 Feb 2024 15:12  
 Operator : CG\JU  
 Sample : P1367-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EB-7-5-7D

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-BF013024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137320.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         | 5.022       | 496           | 499         | 514          | rVB      | 18450          | 26272         | 1.74%           | 0.257%        |
| 2         | 5.416       | 562           | 566         | 583          | rBV      | 1356813        | 1344432       | 88.96%          | 13.134%       |
| 3         | 6.422       | 732           | 737         | 740          | rBV      | 1446773        | 1320975       | 87.41%          | 12.905%       |
| 4         | 6.787       | 796           | 799         | 807          | rBV      | 412946         | 343315        | 22.72%          | 3.354%        |
| 5         | 7.345       | 890           | 894         | 904          | rBV      | 881265         | 869268        | 57.52%          | 8.492%        |
| 6         | 8.063       | 1013          | 1016        | 1023         | rBV      | 504708         | 439303        | 29.07%          | 4.292%        |
| 7         | 9.145       | 1196          | 1200        | 1203         | rBV      | 1800812        | 1511213       | 100.00%         | 14.763%       |
| 8         | 9.822       | 1311          | 1315        | 1318         | rBV      | 568291         | 471998        | 31.23%          | 4.611%        |
| 9         | 10.610      | 1445          | 1449        | 1460         | rBV      | 1009413        | 867170        | 57.38%          | 8.472%        |
| 10        | 10.739      | 1468          | 1471        | 1479         | rVB2     | 24053          | 36068         | 2.39%           | 0.352%        |
| 11        | 11.310      | 1565          | 1568        | 1571         | rBV      | 466408         | 408138        | 27.01%          | 3.987%        |
| 12        | 11.333      | 1571          | 1572        | 1576         | rVB      | 69688          | 52796         | 3.49%           | 0.516%        |
| 13        | 11.851      | 1657          | 1660        | 1665         | rBV2     | 144496         | 159243        | 10.54%          | 1.556%        |
| 14        | 12.527      | 1772          | 1775        | 1780         | rBV      | 115212         | 109771        | 7.26%           | 1.072%        |
| 15        | 12.645      | 1792          | 1795        | 1799         | rBV      | 47670          | 51649         | 3.42%           | 0.505%        |
| 16        | 12.757      | 1807          | 1814        | 1817         | rBV      | 107996         | 120167        | 7.95%           | 1.174%        |
| 17        | 12.910      | 1836          | 1840        | 1844         | rBV      | 1205135        | 1172863       | 77.61%          | 11.458%       |
| 18        | 13.092      | 1869          | 1871        | 1875         | rVB2     | 20953          | 19438         | 1.29%           | 0.190%        |
| 19        | 13.157      | 1879          | 1882        | 1884         | rBV2     | 20354          | 20212         | 1.34%           | 0.197%        |
| 20        | 13.198      | 1886          | 1889        | 1895         | rVB3     | 16522          | 21991         | 1.46%           | 0.215%        |
| 21        | 13.963      | 2015          | 2019        | 2023         | rBV2     | 377078         | 440730        | 29.16%          | 4.306%        |
| 22        | 13.992      | 2023          | 2024        | 2027         | rVB      | 54133          | 31595         | 2.09%           | 0.309%        |
| 23        | 15.021      | 2195          | 2199        | 2202         | rBV2     | 45275          | 79283         | 5.25%           | 0.775%        |
| 24        | 15.386      | 2258          | 2261        | 2266         | rBV      | 29948          | 39748         | 2.63%           | 0.388%        |
| 25        | 15.451      | 2268          | 2272        | 2276         | rBV      | 215659         | 278568        | 18.43%          | 2.721%        |

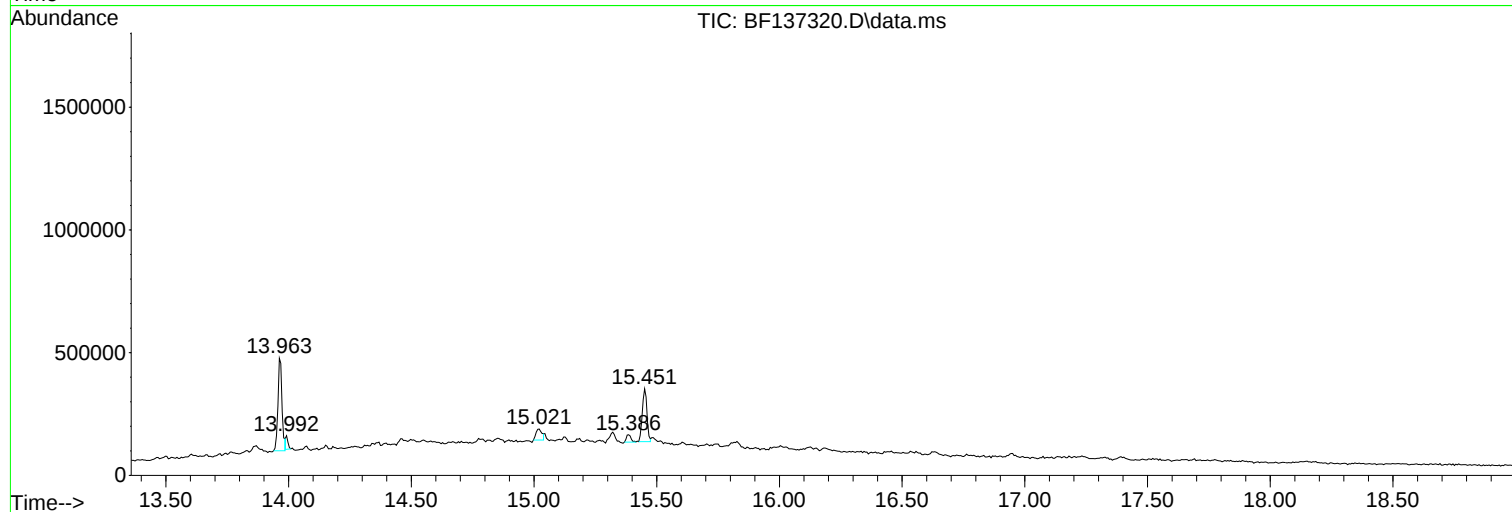
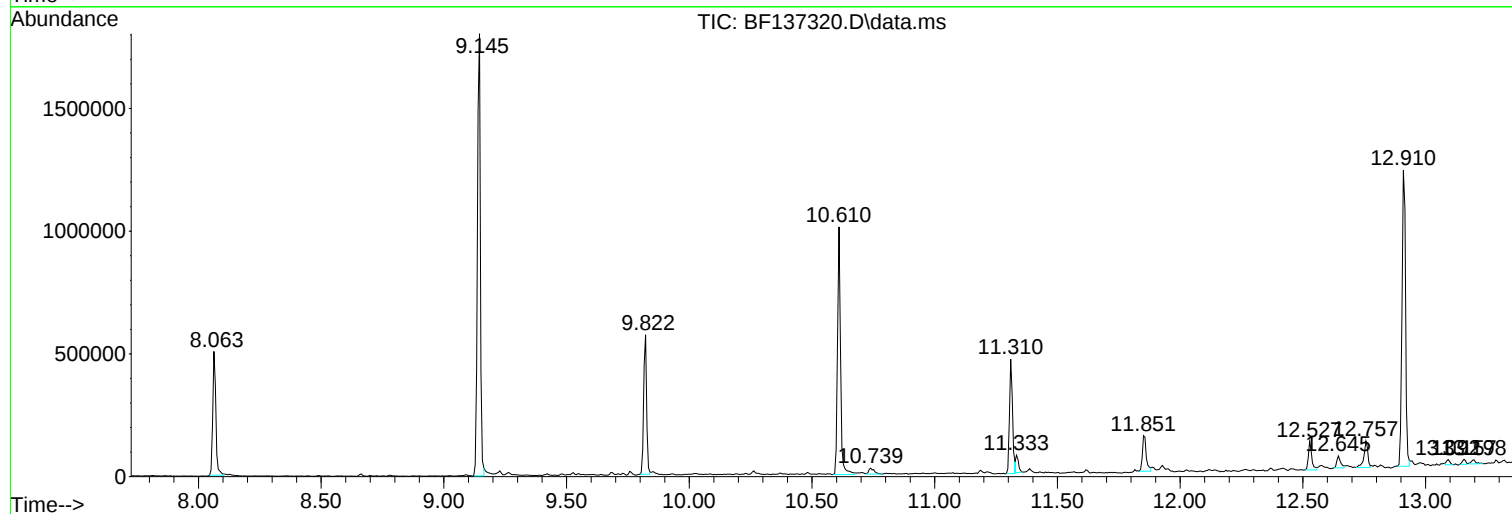
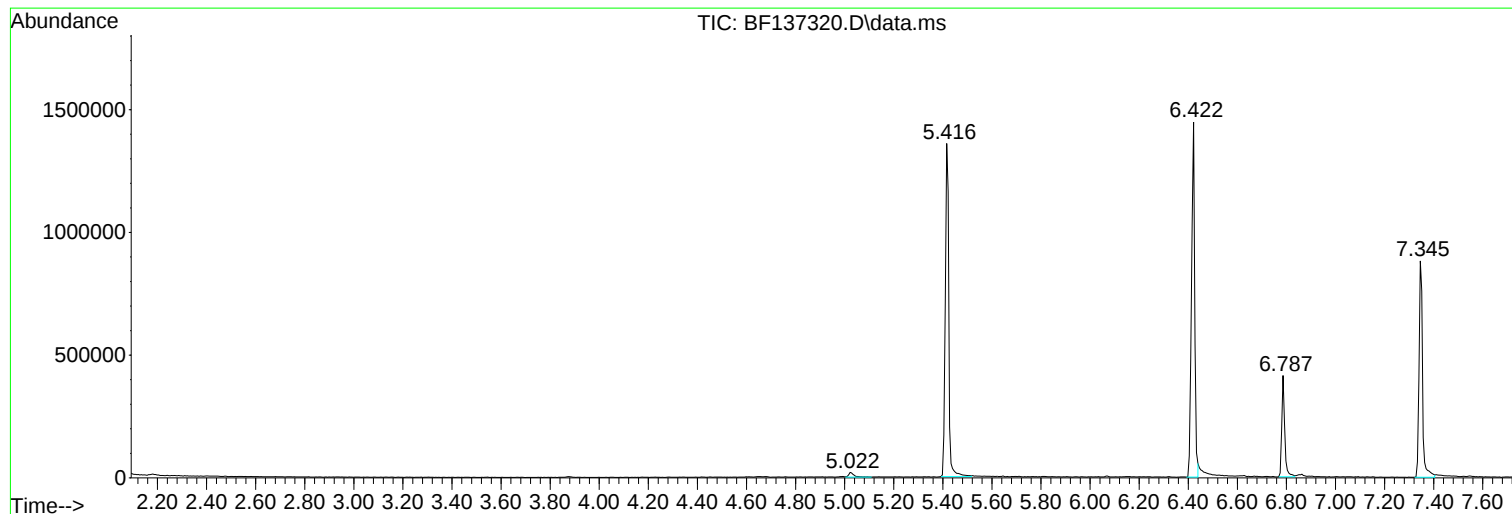
Sum of corrected areas: 10236206

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.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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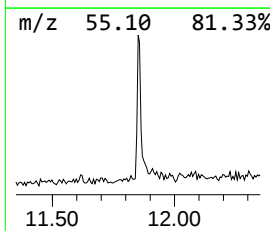
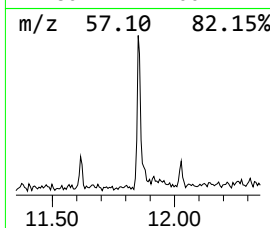
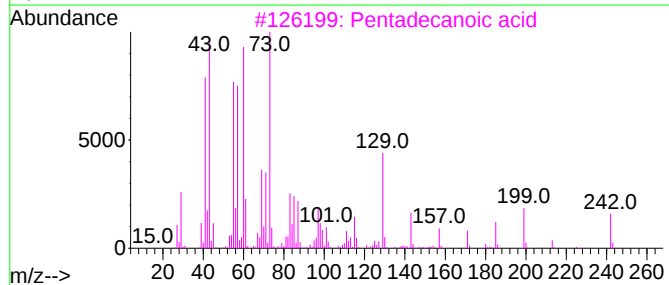
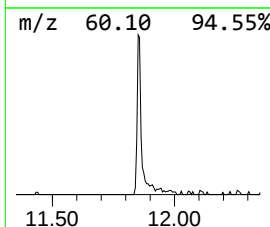
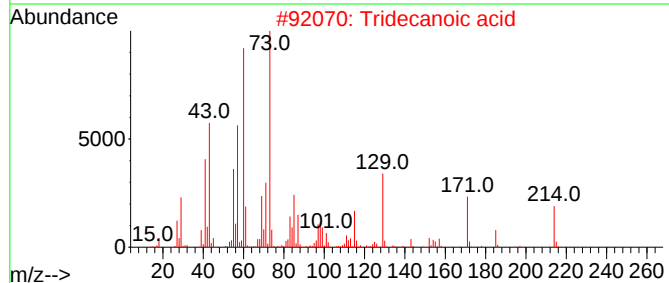
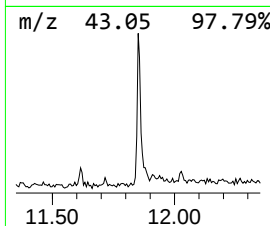
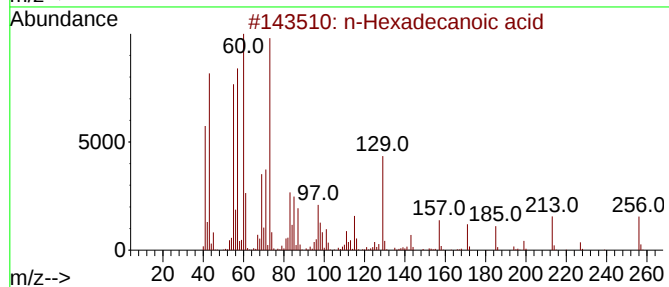
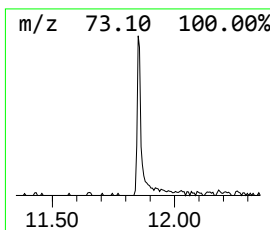
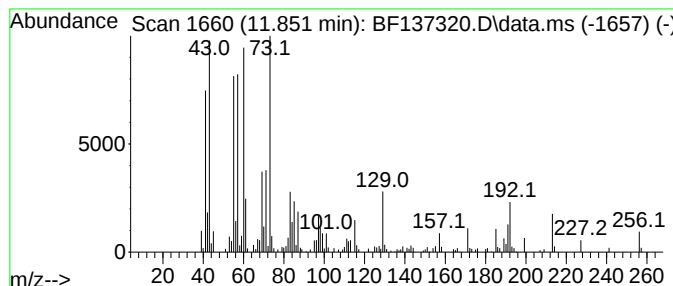
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.851 | 7.80 ng | 159243 | Phenanthrene-d10 | 11.310 |

| 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 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |
| 4    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 58   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 49   |



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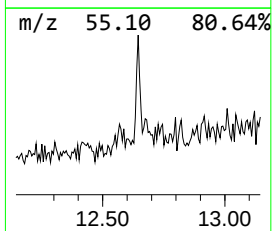
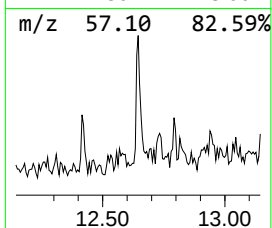
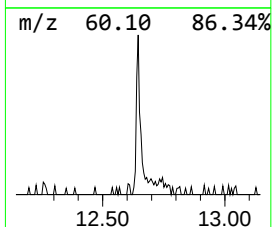
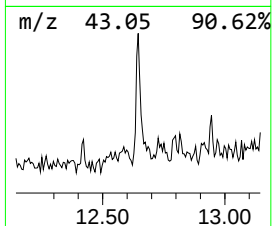
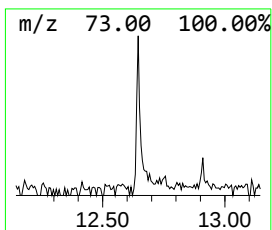
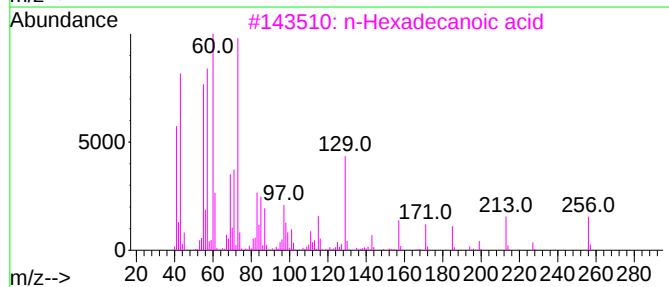
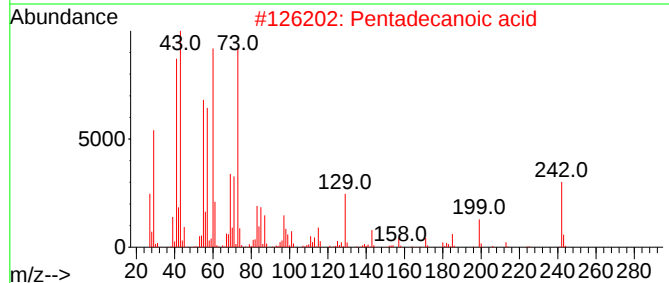
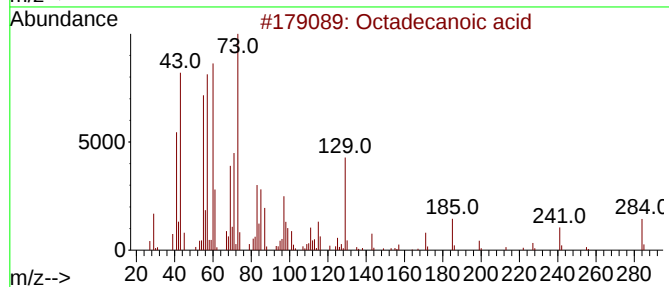
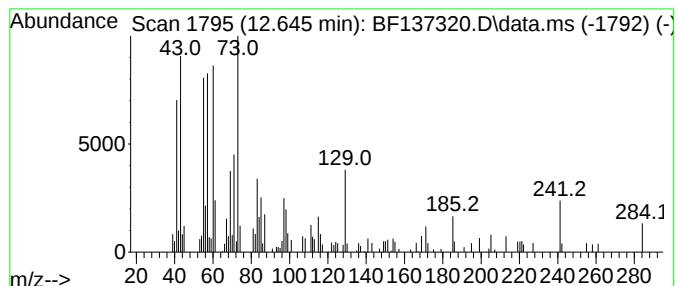
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Peak Number 2 Octadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.645 | 2.34 ng | 51649 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 83   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 46   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 11.851 | 7.8     | ng    | 159243   | 4                     | 11.310 | 408138 | 20.0 |
| Octadecanoic acid  | 12.645 | 2.3     | ng    | 51649    | 5                     | 13.968 | 440730 | 20.0 |