

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040422\  
 Data File : BF127634.D  
 Acq On : 04 Apr 2022 16:12  
 Operator : CG\JU  
 Sample : N2249-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3

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-BF032122.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127634.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         | 5.457       | 537           | 539         | 569          | rBV      | 1094418        | 1390443       | 42.35%          | 7.905%        |
| 2         | 6.475       | 709           | 712         | 740          | rBV      | 725094         | 901889        | 27.47%          | 5.128%        |
| 3         | 6.833       | 770           | 773         | 782          | rBV      | 624383         | 560980        | 17.08%          | 3.189%        |
| 4         | 7.404       | 866           | 870         | 882          | rBV      | 2146592        | 1952211       | 59.45%          | 11.099%       |
| 5         | 8.039       | 973           | 978         | 988          | rBV3     | 16734          | 43938         | 1.34%           | 0.250%        |
| 6         | 8.116       | 988           | 991         | 1001         | rBV      | 869526         | 727325        | 22.15%          | 4.135%        |
| 7         | 9.192       | 1170          | 1174        | 1177         | rBV      | 3236119        | 3044041       | 92.70%          | 17.307%       |
| 8         | 9.869       | 1286          | 1289        | 1300         | rBV      | 1027670        | 863134        | 26.29%          | 4.907%        |
| 9         | 10.669      | 1421          | 1425        | 1443         | rBV      | 2125608        | 2138758       | 65.13%          | 12.160%       |
| 10        | 11.363      | 1540          | 1543        | 1552         | rBV      | 1095763        | 922283        | 28.09%          | 5.244%        |
| 11        | 11.880      | 1628          | 1631        | 1634         | rBV      | 45940          | 53539         | 1.63%           | 0.304%        |
| 12        | 12.668      | 1761          | 1765        | 1773         | rBV      | 225994         | 298573        | 9.09%           | 1.698%        |
| 13        | 12.951      | 1808          | 1813        | 1816         | rBV      | 3543001        | 3283579       | 100.00%         | 18.669%       |
| 14        | 13.868      | 1964          | 1969        | 1975         | rBV5     | 28067          | 56974         | 1.74%           | 0.324%        |
| 15        | 14.015      | 1991          | 1994        | 2005         | rBV      | 787280         | 766308        | 23.34%          | 4.357%        |
| 16        | 15.498      | 2243          | 2246        | 2259         | rBV2     | 399751         | 584635        | 17.80%          | 3.324%        |

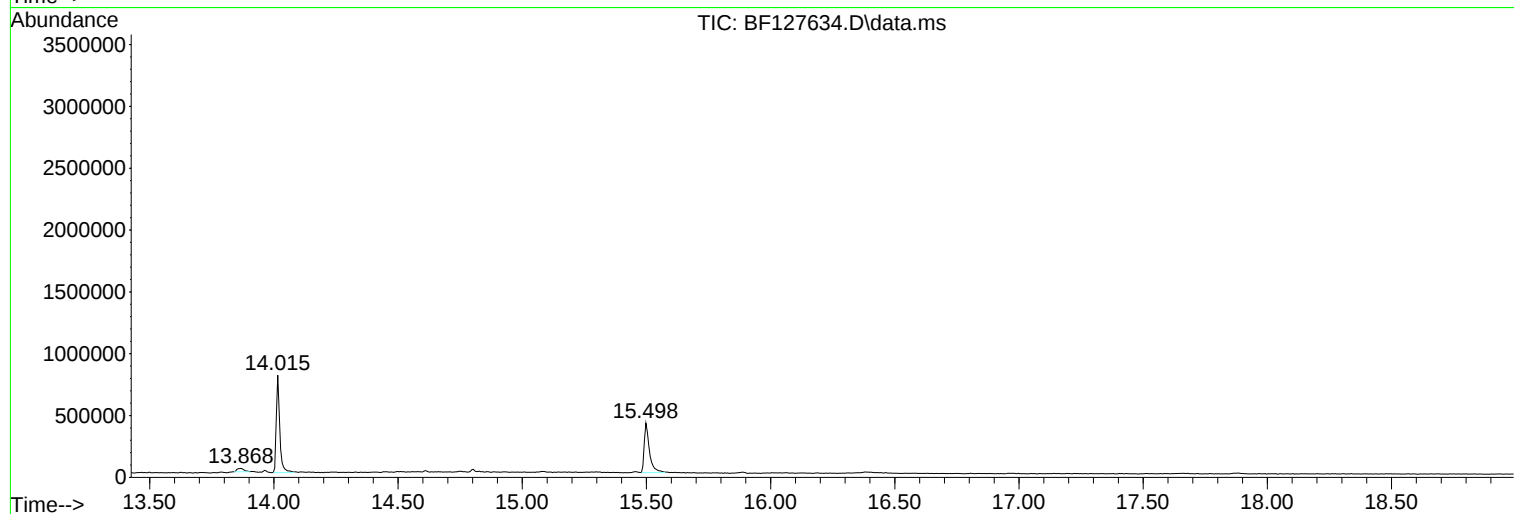
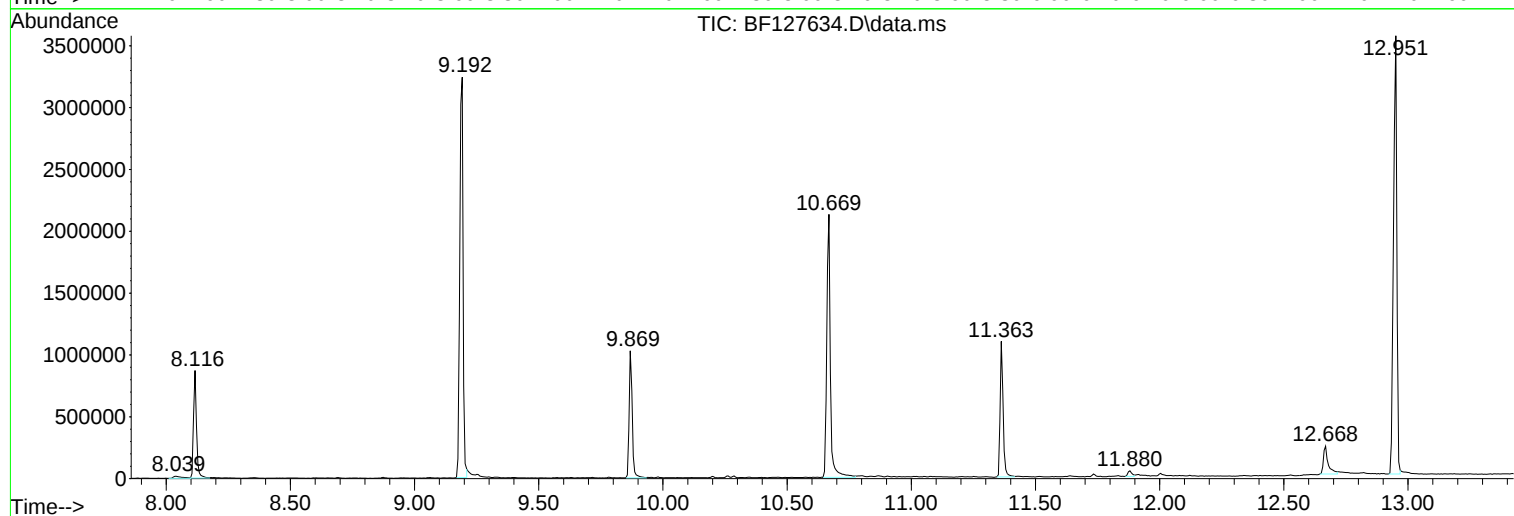
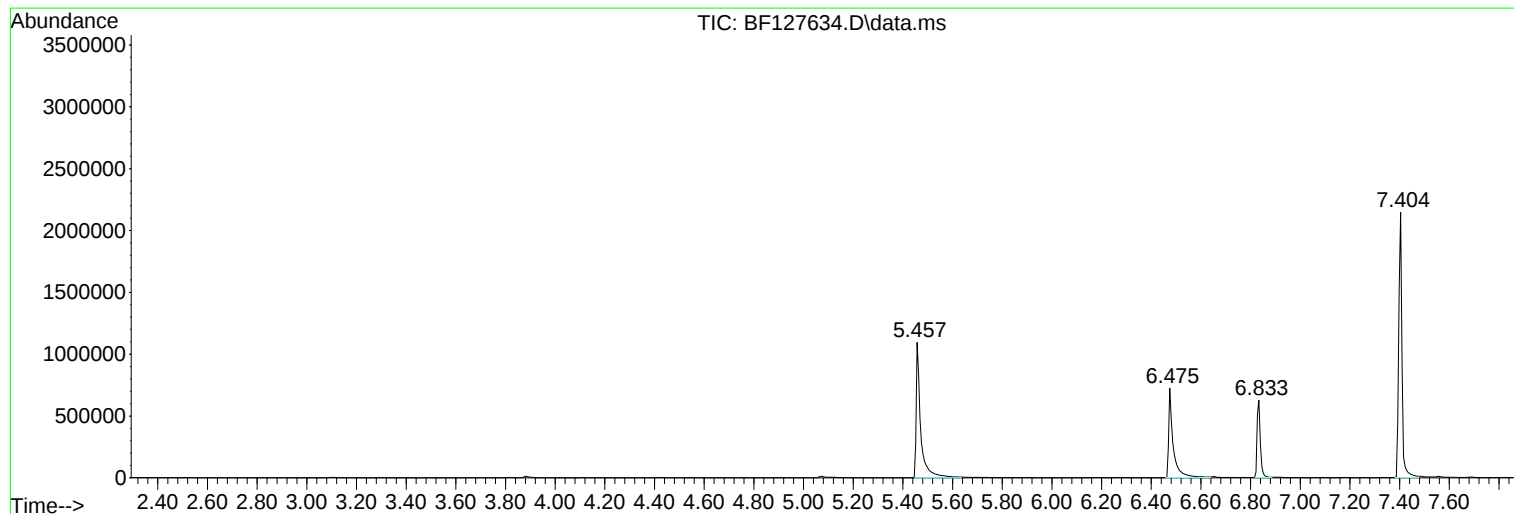
Sum of corrected areas: 17588610

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.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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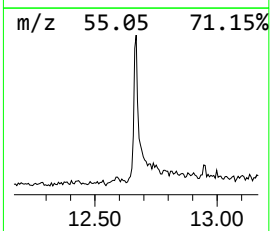
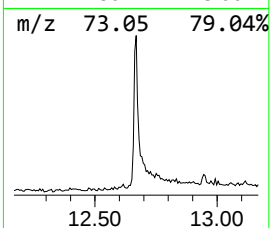
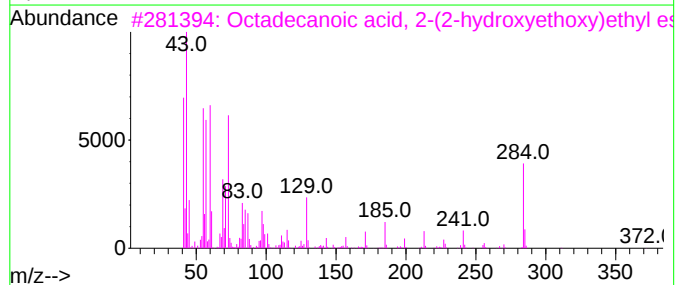
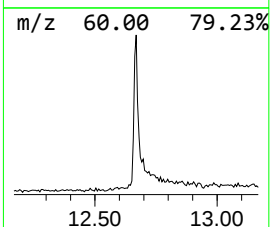
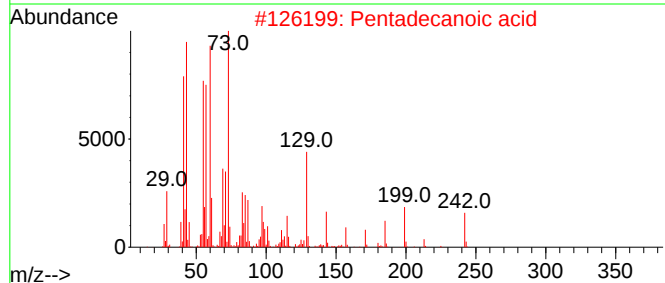
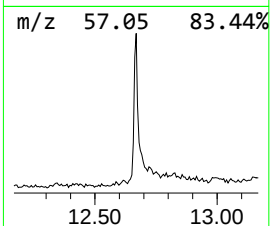
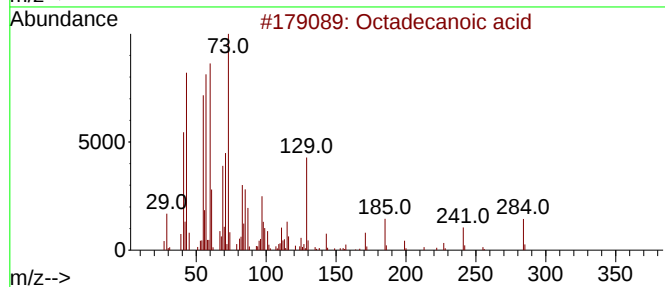
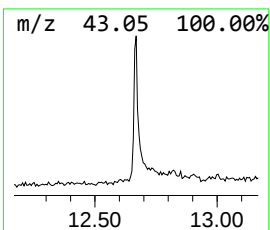
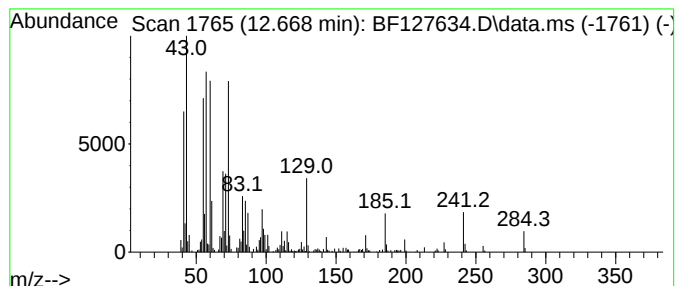
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Octadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.668 | 6.47 ng | 298573 | Phenanthrene-d10 | 11.363 |

| 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    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 90   |
| 4    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 87   |
| 5    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 74   |



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| TIC Top Hit name  | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|-------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                   |        |         |       |          | #                     | RT     | Resp   | Conc |
| Octadecanoic acid | 12.668 | 6.5     | ng    | 298573   | 4                     | 11.363 | 922283 | 20.0 |