

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121523\  
 Data File : BF136593.D  
 Acq On : 15 Dec 2023 15:21  
 Operator : CG\JU  
 Sample : 05758-19  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-COMP-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-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136593.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         | 2.181       | 12            | 16          | 23           | rVB      | 16455          | 23215         | 1.29%           | 0.178%        |
| 2         | 5.022       | 495           | 499         | 505          | rVB2     | 30854          | 40120         | 2.23%           | 0.307%        |
| 3         | 5.428       | 564           | 568         | 571          | rBV      | 2051320        | 1789932       | 99.30%          | 13.696%       |
| 4         | 6.434       | 734           | 739         | 742          | rBV      | 1720939        | 1668682       | 92.57%          | 12.768%       |
| 5         | 6.787       | 795           | 799         | 802          | rBV      | 725053         | 564568        | 31.32%          | 4.320%        |
| 6         | 7.345       | 889           | 894         | 897          | rBV      | 1275705        | 1067396       | 59.22%          | 8.167%        |
| 7         | 8.063       | 1012          | 1016        | 1019         | rBV      | 840481         | 678681        | 37.65%          | 5.193%        |
| 8         | 9.139       | 1195          | 1199        | 1202         | rBV      | 2289895        | 1802575       | 100.00%         | 13.793%       |
| 9         | 9.816       | 1311          | 1314        | 1327         | rVB      | 764396         | 656483        | 36.42%          | 5.023%        |
| 10        | 10.610      | 1445          | 1449        | 1452         | rBV      | 1120619        | 912193        | 50.60%          | 6.980%        |
| 11        | 11.310      | 1564          | 1568        | 1571         | rBV      | 670629         | 580061        | 32.18%          | 4.438%        |
| 12        | 11.845      | 1655          | 1659        | 1670         | rBV      | 157503         | 159803        | 8.87%           | 1.223%        |
| 13        | 12.527      | 1771          | 1775        | 1779         | rBV      | 39964          | 45017         | 2.50%           | 0.344%        |
| 14        | 12.633      | 1791          | 1793        | 1800         | rBV2     | 35833          | 39203         | 2.17%           | 0.300%        |
| 15        | 12.757      | 1807          | 1814        | 1817         | rBV      | 34671          | 39306         | 2.18%           | 0.301%        |
| 16        | 12.904      | 1835          | 1839        | 1842         | rBV      | 1816453        | 1469415       | 81.52%          | 11.243%       |
| 17        | 13.880      | 1997          | 2005        | 2014         | rBV10    | 34793          | 128831        | 7.15%           | 0.986%        |
| 18        | 13.957      | 2014          | 2018        | 2022         | rBV      | 673123         | 670234        | 37.18%          | 5.128%        |
| 19        | 14.439      | 2097          | 2100        | 2103         | rVB2     | 28509          | 26346         | 1.46%           | 0.202%        |
| 20        | 14.827      | 2162          | 2166        | 2171         | rVB      | 35964          | 41105         | 2.28%           | 0.315%        |
| 21        | 15.004      | 2193          | 2196        | 2199         | rBV2     | 22341          | 33976         | 1.88%           | 0.260%        |
| 22        | 15.374      | 2255          | 2259        | 2265         | rBV2     | 14898          | 25264         | 1.40%           | 0.193%        |
| 23        | 15.439      | 2265          | 2270        | 2275         | rBV      | 497834         | 606646        | 33.65%          | 4.642%        |

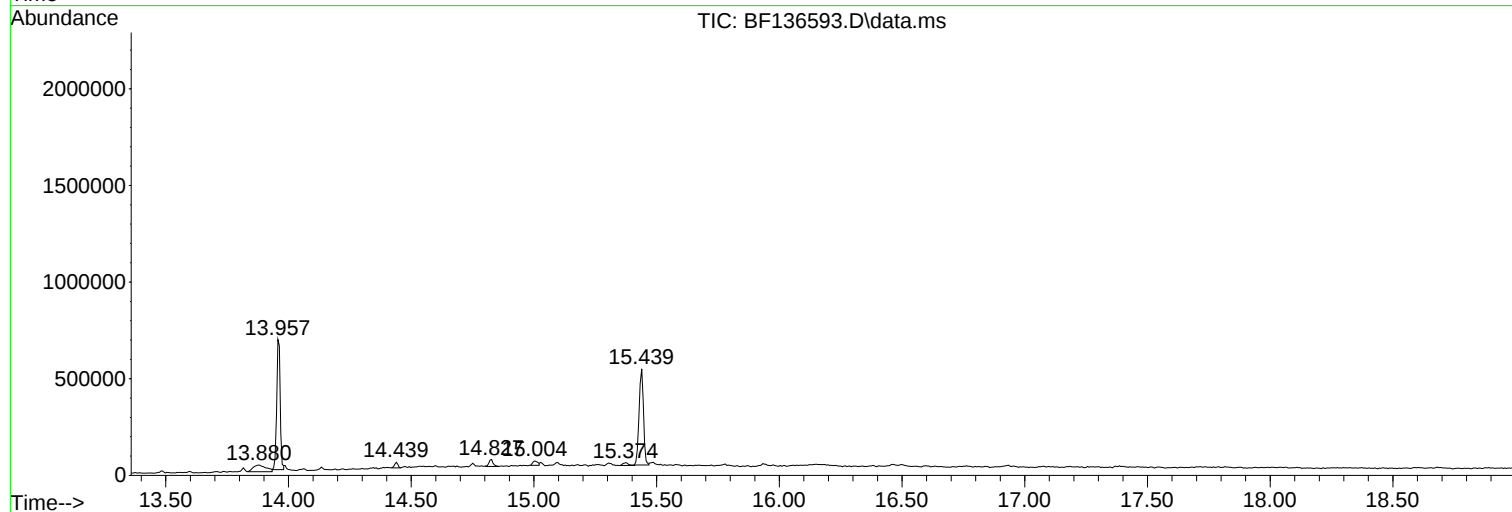
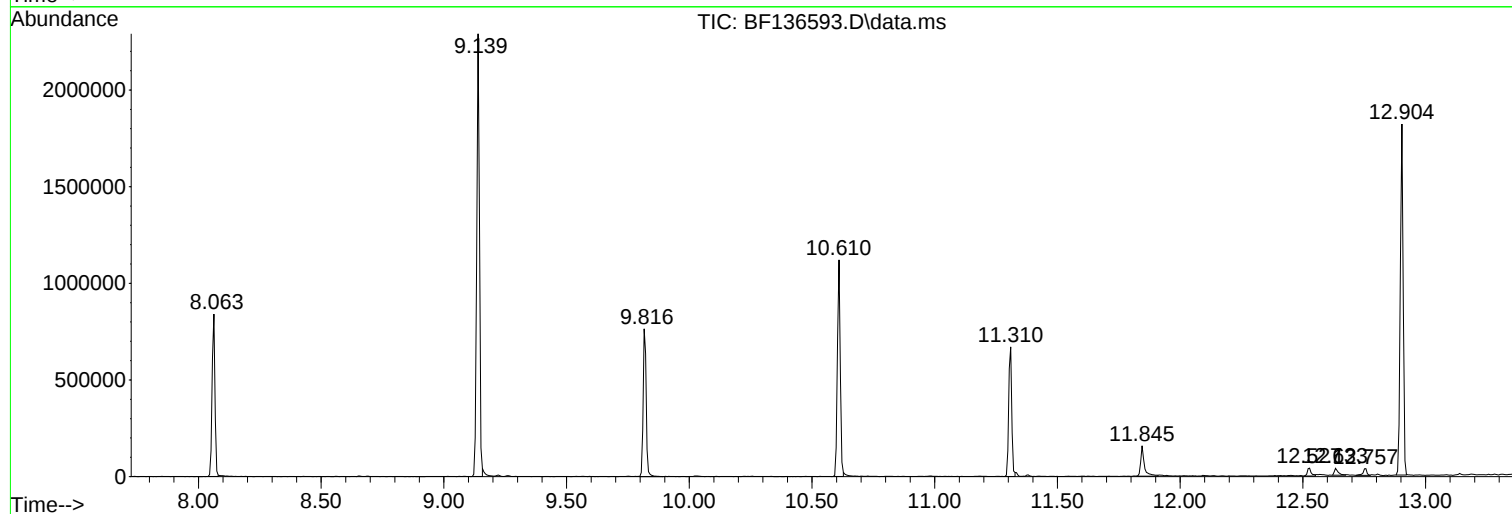
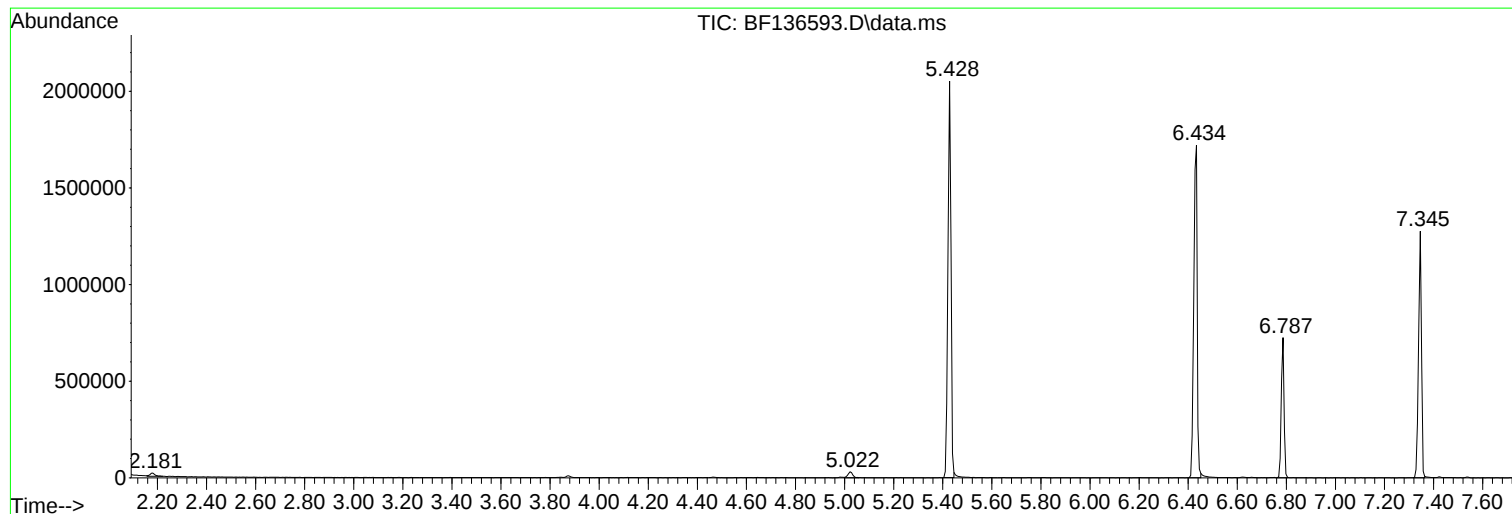
Sum of corrected areas: 13069052

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Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.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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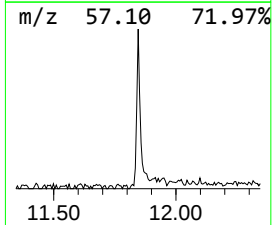
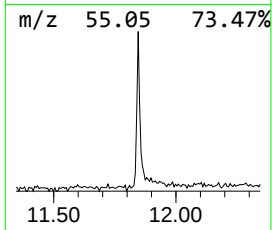
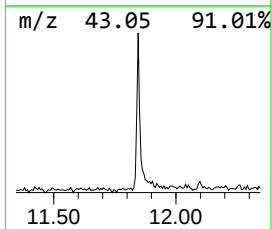
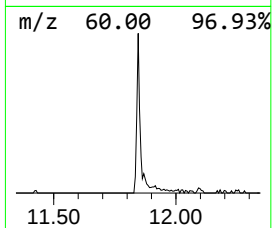
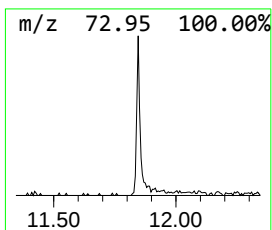
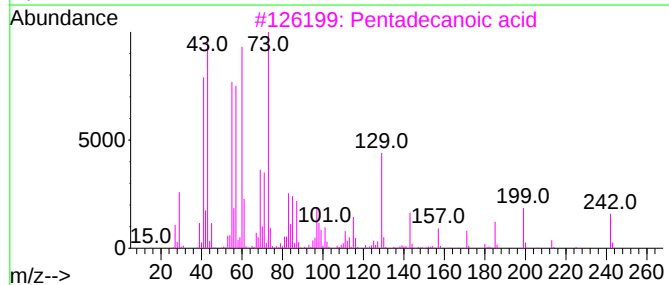
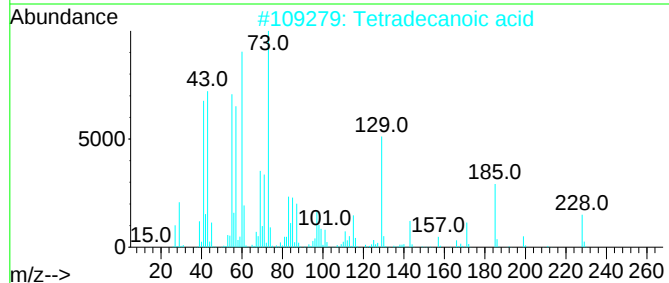
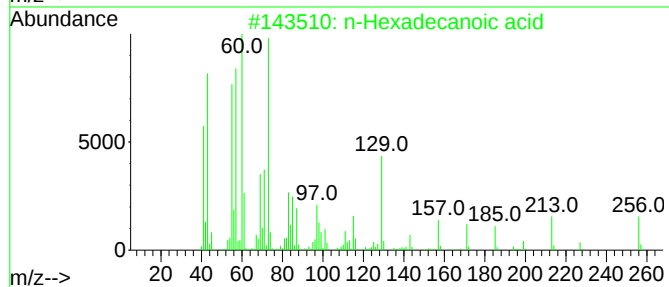
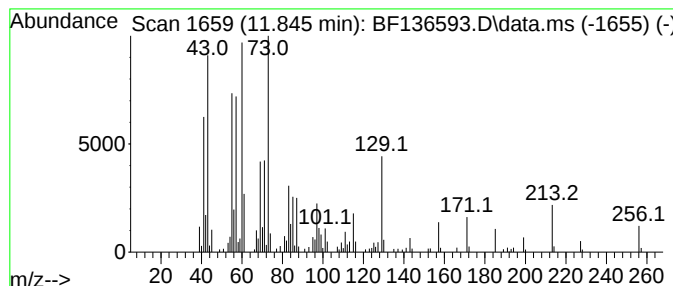
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.845 | 5.51 ng | 159803 | Phenanthrene-d10 | 11.310 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 76   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 70   |



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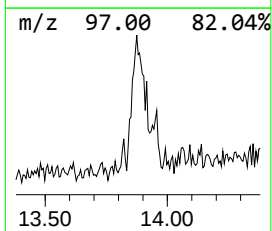
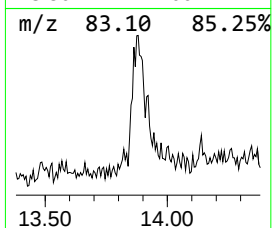
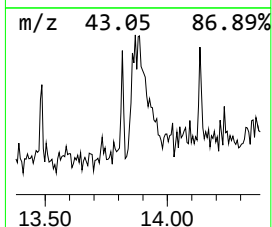
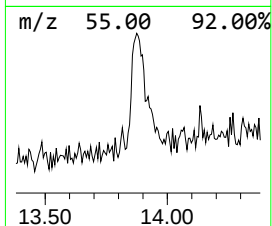
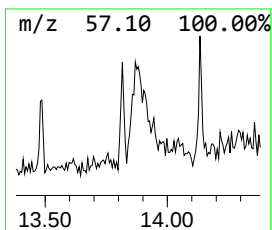
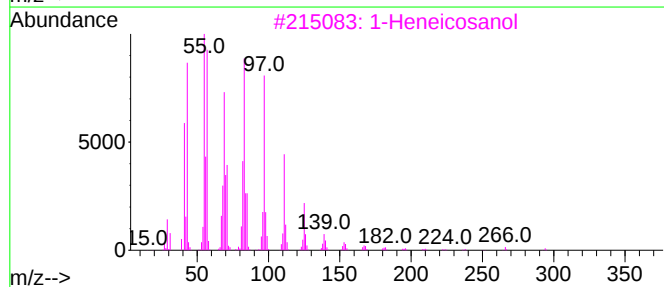
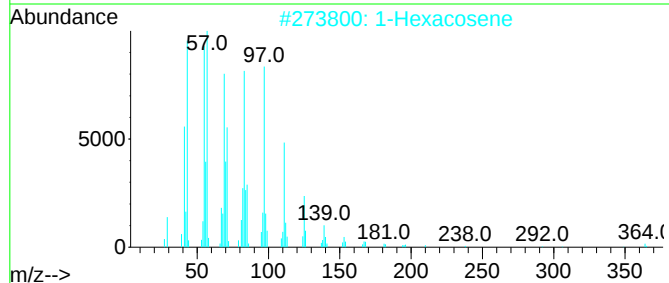
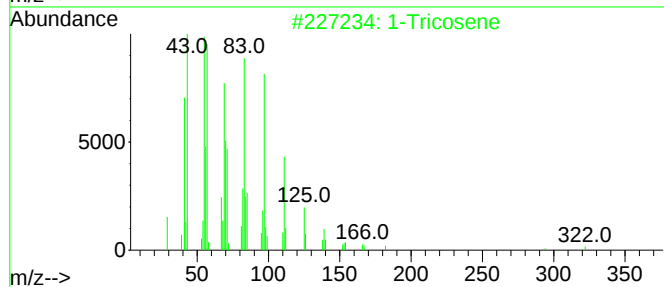
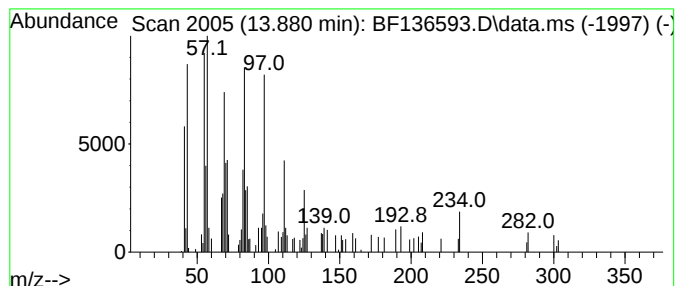
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Peak Number 2 1-Tricosene Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.880 | 3.84 ng | 128831 | Chrysene-d12     | 13.957 |

| Hit# | of                          | 5 | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|------|-----------------------------|---|--------------|-----|------------|-------------|------|
| 1    | 1-Tricosene                 |   |              | 322 | C23H46     | 018835-32-0 | 93   |
| 2    | 1-Hexacosene                |   |              | 364 | C26H52     | 018835-33-1 | 93   |
| 3    | 1-Heneicosanol              |   |              | 312 | C21H44O    | 015594-90-8 | 93   |
| 4    | Trifluoroacetoxy hexadecane |   |              | 338 | C18H33F3O2 | 006222-03-3 | 90   |
| 5    | n-Tetracosanol-1            |   |              | 354 | C24H50O    | 000506-51-4 | 90   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 11.845 | 5.5     | ng    | 159803   | 4                     | 11.310 | 580061 | 20.0 |
| 1-Tricosene        | 13.880 | 3.8     | ng    | 128831   | 5                     | 13.957 | 670234 | 20.0 |