

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052422\  
 Data File : BF128432.D  
 Acq On : 24 May 2022 13:52  
 Operator : CG\JU  
 Sample : N2894-17  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P008-SS002-1824-01

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-BF052022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128432.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         | 5.469       | 537           | 541         | 561          | rBV      | 1507588        | 1549206       | 85.43%          | 11.060%       |
| 2         | 6.481       | 709           | 713         | 729          | rBV      | 1720618        | 1600982       | 88.28%          | 11.429%       |
| 3         | 6.845       | 771           | 775         | 785          | rBV      | 628524         | 585463        | 32.28%          | 4.180%        |
| 4         | 7.410       | 867           | 871         | 881          | rBV      | 1199756        | 1058202       | 58.35%          | 7.554%        |
| 5         | 8.128       | 989           | 993         | 1006         | rBV      | 839787         | 763112        | 42.08%          | 5.448%        |
| 6         | 9.198       | 1171          | 1175        | 1179         | rBV      | 1932771        | 1785802       | 98.47%          | 12.749%       |
| 7         | 9.469       | 1218          | 1221        | 1227         | rVB      | 25152          | 19235         | 1.06%           | 0.137%        |
| 8         | 9.886       | 1287          | 1292        | 1295         | rBV      | 889390         | 849133        | 46.82%          | 6.062%        |
| 9         | 10.674      | 1423          | 1426        | 1441         | rBV      | 1020210        | 957192        | 52.78%          | 6.833%        |
| 10        | 11.374      | 1541          | 1545        | 1549         | rBV      | 1051094        | 904822        | 49.89%          | 6.459%        |
| 11        | 11.639      | 1581          | 1590        | 1603         | rBV9     | 17438          | 56040         | 3.09%           | 0.400%        |
| 12        | 11.751      | 1606          | 1609        | 1613         | rVB      | 124052         | 98615         | 5.44%           | 0.704%        |
| 13        | 12.457      | 1723          | 1729        | 1739         | rBV      | 257392         | 293825        | 16.20%          | 2.098%        |
| 14        | 12.545      | 1739          | 1744        | 1749         | rVB      | 105058         | 86242         | 4.76%           | 0.616%        |
| 15        | 12.604      | 1749          | 1754        | 1758         | rBV2     | 84838          | 75169         | 4.14%           | 0.537%        |
| 16        | 12.963      | 1810          | 1815        | 1818         | rBV      | 1870823        | 1813487       | 100.00%         | 12.946%       |
| 17        | 13.904      | 1968          | 1975        | 1985         | rBV4     | 27057          | 76039         | 4.19%           | 0.543%        |
| 18        | 13.980      | 1985          | 1988        | 1992         | rVB      | 31758          | 27687         | 1.53%           | 0.198%        |
| 19        | 14.027      | 1992          | 1996        | 2003         | rBV      | 652722         | 642927        | 35.45%          | 4.590%        |
| 20        | 14.115      | 2007          | 2011        | 2014         | rBV      | 41210          | 44734         | 2.47%           | 0.319%        |
| 21        | 14.845      | 2132          | 2135        | 2139         | rBV      | 42738          | 39710         | 2.19%           | 0.283%        |
| 22        | 15.109      | 2177          | 2180        | 2187         | rVB4     | 26237          | 33824         | 1.87%           | 0.241%        |
| 23        | 15.504      | 2241          | 2247        | 2256         | rBV      | 434198         | 564967        | 31.15%          | 4.033%        |
| 24        | 15.921      | 2314          | 2318        | 2322         | rBV4     | 27040          | 38799         | 2.14%           | 0.277%        |
| 25        | 16.427      | 2400          | 2404        | 2409         | rBV6     | 9665           | 18891         | 1.04%           | 0.135%        |
| 26        | 17.115      | 2517          | 2521        | 2526         | rVB7     | 14725          | 23647         | 1.30%           | 0.169%        |

Sum of corrected areas: 14007752



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ALS Vial : 5 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
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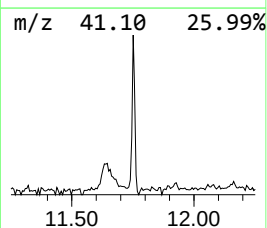
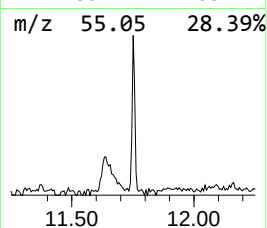
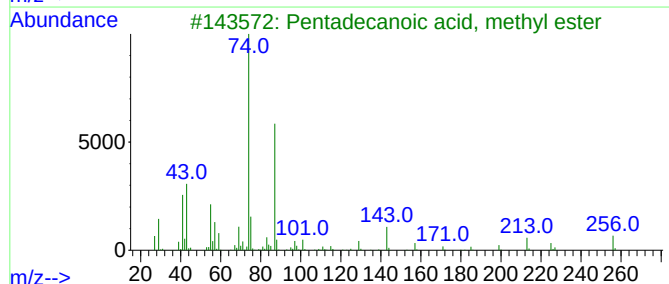
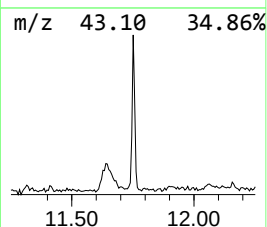
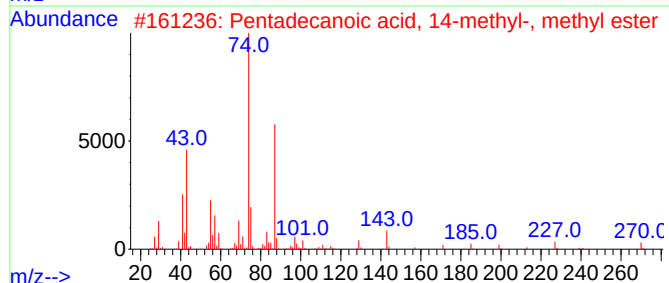
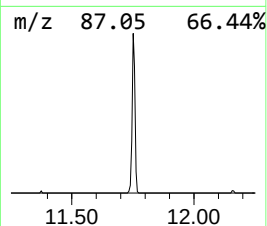
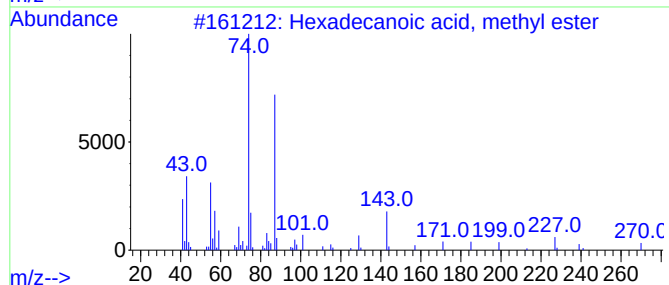
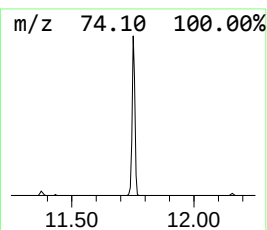
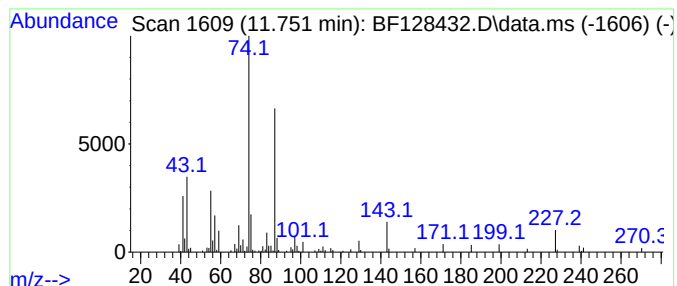
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.751 | 2.18 ng | 98615 | Phenanthrene-d10 | 11.374 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 92   |
| 2    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 91   |
| 3    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 90   |
| 4    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 83   |
| 5    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 80   |



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ALS Vial : 5 Sample Multiplier: 1

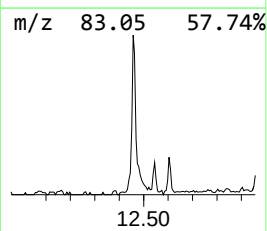
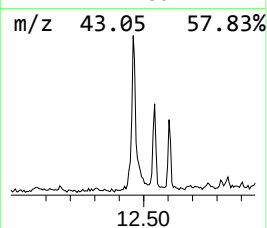
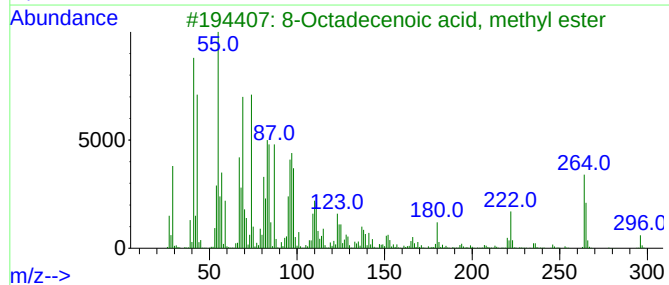
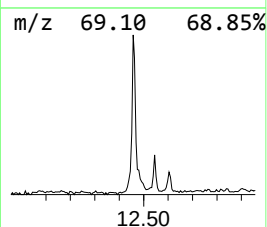
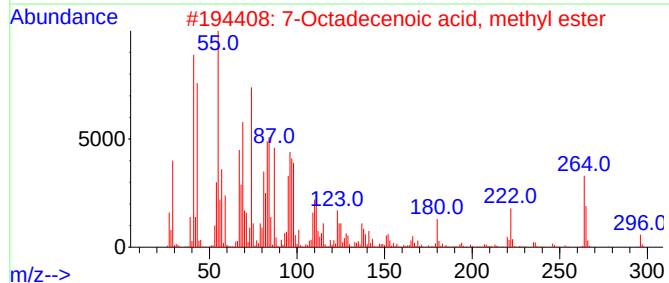
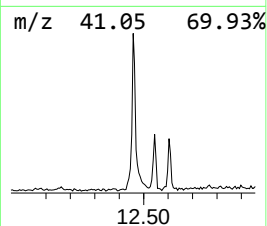
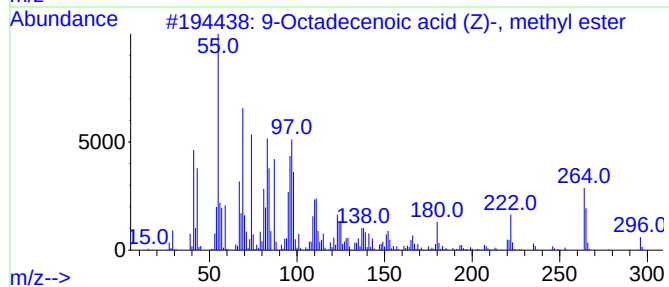
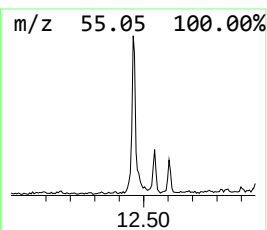
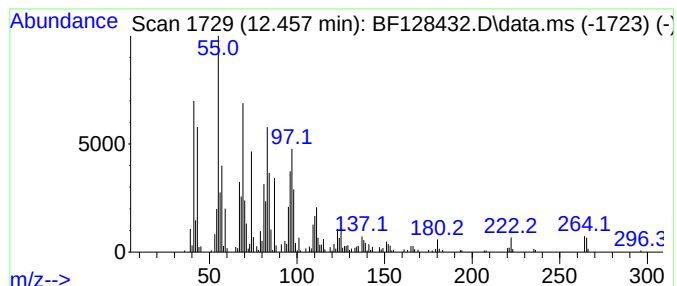
Instrument :  
BNA\_F  
ClientSampleId :  
P008-SS002-1824-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.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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Peak Number 2 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|----------|-------------|------|
| 12.457    | 6.49 ng                             | 293825 | Phenanthrene-d10 |          | 11.374      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | 9-Octadecenoic acid (Z)-, methyl... |        | 296              | C19H36O2 | 000112-62-9 | 99   |
| 2         | 7-Octadecenoic acid, methyl ester   |        | 296              | C19H36O2 | 057396-98-2 | 99   |
| 3         | 8-Octadecenoic acid, methyl ester   |        | 296              | C19H36O2 | 002345-29-1 | 98   |
| 4         | 9-Octadecenoic acid, methyl ester   |        | 296              | C19H36O2 | 002462-84-2 | 97   |
| 5         | 11-Octadecenoic acid, methyl ester  |        | 296              | C19H36O2 | 052380-33-3 | 95   |



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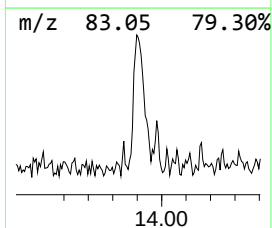
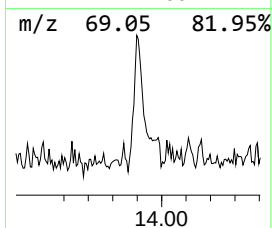
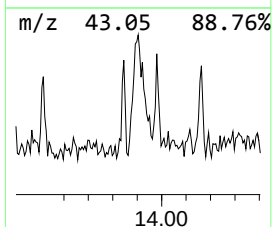
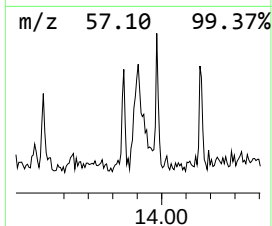
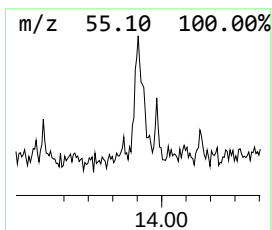
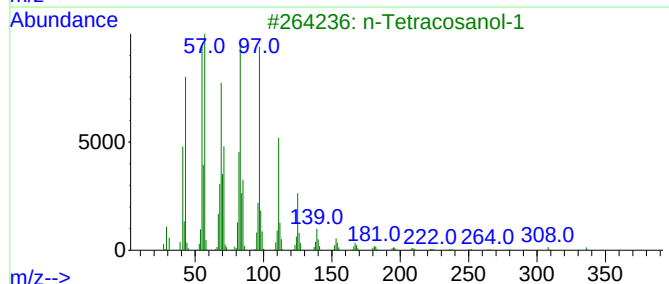
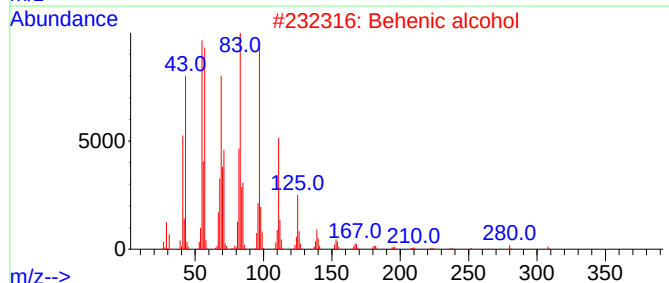
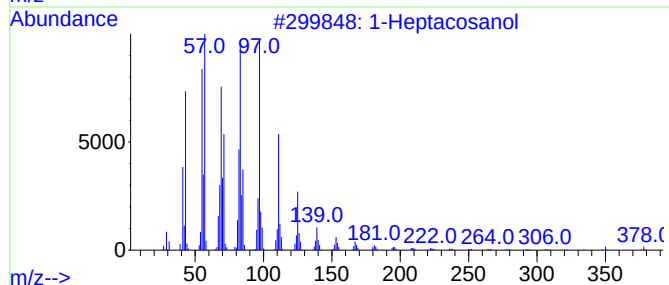
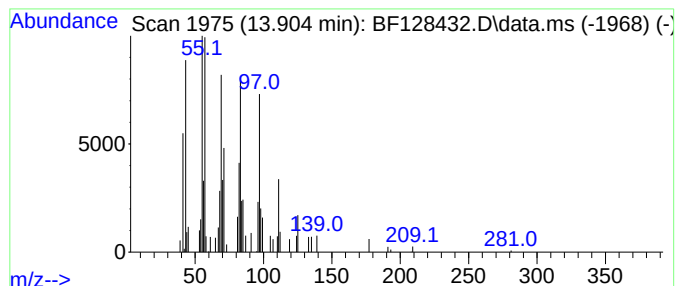
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 1-Heptacosanol Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.904 | 2.37 ng | 76039 | Chrysene-d12     | 14.027 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Heptacosanol   | 396 | C27H56O | 002004-39-9 | 91   |
| 2    |    |   | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 91   |
| 3    |    |   | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91   |
| 4    |    |   | 1-Hexacosanol    | 382 | C26H54O | 000506-52-5 | 91   |
| 5    |    |   | n-Nonadecanol-1  | 284 | C19H40O | 001454-84-8 | 90   |



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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Hexadecanoic ac... | 11.751 | 2.2     | ng    | 98615    | 4                     | 11.374 | 904822 | 20.0 |
| 9-Octadecenoic ... | 12.457 | 6.5     | ng    | 293825   | 4                     | 11.374 | 904822 | 20.0 |
| 1-Heptacosanol     | 13.904 | 2.4     | ng    | 76039    | 5                     | 14.027 | 642927 | 20.0 |