

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032522\  
 Data File : BM034384.D  
 Acq On : 25 Mar 2022 14:36  
 Operator : CG/JU  
 Sample : N2108-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 R206

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\_M\Methods\8270-BM031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034384.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         | 3.596       | 56            | 61          | 75           | rBV      | 849702         | 1122562       | 29.88%          | 3.628%        |
| 2         | 5.025       | 299           | 304         | 310          | rBV      | 30023          | 48033         | 1.28%           | 0.155%        |
| 3         | 5.496       | 375           | 384         | 397          | rBV      | 2507137        | 3612599       | 96.15%          | 11.675%       |
| 4         | 7.101       | 650           | 657         | 671          | rBV      | 2164951        | 3486051       | 92.78%          | 11.266%       |
| 5         | 7.937       | 792           | 799         | 809          | rBV      | 561572         | 898957        | 23.93%          | 2.905%        |
| 6         | 8.295       | 854           | 860         | 869          | rVB      | 38826          | 67439         | 1.79%           | 0.218%        |
| 7         | 9.101       | 988           | 997         | 1010         | rBV      | 1337934        | 2281492       | 60.72%          | 7.373%        |
| 8         | 10.754      | 1270          | 1278        | 1283         | rBV      | 657471         | 1119207       | 29.79%          | 3.617%        |
| 9         | 10.801      | 1283          | 1286        | 1295         | rVB      | 62531          | 108114        | 2.88%           | 0.349%        |
| 10        | 12.419      | 1555          | 1561        | 1566         | rBV      | 32620          | 56188         | 1.50%           | 0.182%        |
| 11        | 12.636      | 1593          | 1598        | 1605         | rVB2     | 23293          | 38716         | 1.03%           | 0.125%        |
| 12        | 13.207      | 1687          | 1695        | 1711         | rBV      | 2145879        | 3207374       | 85.37%          | 10.365%       |
| 13        | 13.419      | 1726          | 1731        | 1739         | rVB5     | 23345          | 42412         | 1.13%           | 0.137%        |
| 14        | 14.419      | 1893          | 1901        | 1909         | rBV2     | 20180          | 57144         | 1.52%           | 0.185%        |
| 15        | 14.583      | 1922          | 1929        | 1936         | rBV      | 865790         | 1301042       | 34.63%          | 4.205%        |
| 16        | 14.642      | 1936          | 1939        | 1949         | rVB      | 54689          | 90011         | 2.40%           | 0.291%        |
| 17        | 14.983      | 1992          | 1997        | 2005         | rVB      | 30334          | 50150         | 1.33%           | 0.162%        |
| 18        | 15.630      | 2101          | 2107        | 2114         | rBV2     | 40509          | 64789         | 1.72%           | 0.209%        |
| 19        | 16.066      | 2173          | 2181        | 2200         | rBV      | 1901428        | 2965406       | 78.93%          | 9.583%        |
| 20        | 17.324      | 2389          | 2395        | 2399         | rBV      | 929955         | 1363293       | 36.28%          | 4.406%        |
| 21        | 17.365      | 2399          | 2402        | 2409         | rVV      | 183863         | 276742        | 7.37%           | 0.894%        |
| 22        | 17.454      | 2413          | 2417        | 2423         | rVB      | 27681          | 49831         | 1.33%           | 0.161%        |
| 23        | 18.218      | 2542          | 2547        | 2557         | rBV2     | 210043         | 358244        | 9.53%           | 1.158%        |
| 24        | 18.401      | 2574          | 2578        | 2582         | rBV4     | 30272          | 47971         | 1.28%           | 0.155%        |
| 25        | 19.377      | 2740          | 2744        | 2749         | rBV      | 245678         | 338245        | 9.00%           | 1.093%        |
| 26        | 19.489      | 2760          | 2763        | 2770         | rBV5     | 60857          | 105991        | 2.82%           | 0.343%        |
| 27        | 19.742      | 2802          | 2806        | 2815         | rVB      | 166793         | 255405        | 6.80%           | 0.825%        |
| 28        | 19.942      | 2834          | 2840        | 2851         | rBV      | 2838683        | 3757185       | 100.00%         | 12.142%       |
| 29        | 21.200      | 3051          | 3054        | 3062         | rVB      | 469713         | 643543        | 17.13%          | 2.080%        |
| 30        | 21.495      | 3100          | 3104        | 3110         | rBV      | 1082268        | 1481337       | 39.43%          | 4.787%        |
| 31        | 23.918      | 3511          | 3516        | 3527         | rVB2     | 840274         | 1648388       | 43.87%          | 5.327%        |

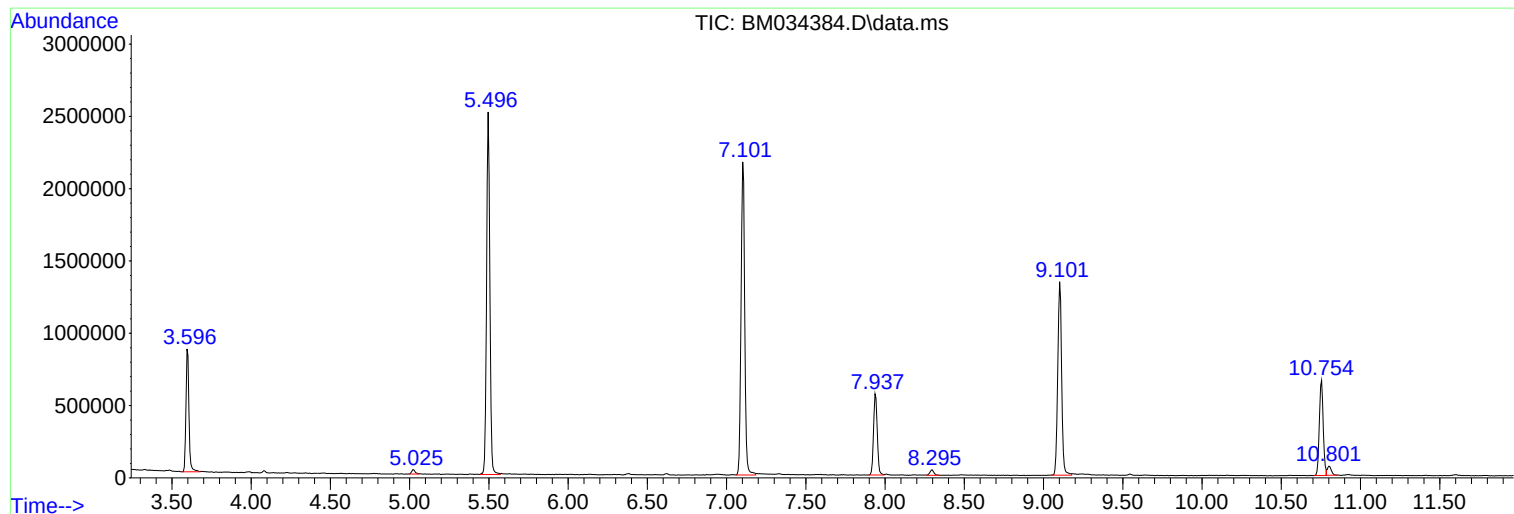
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BNA\_M  
ClientSampleId :  
R206

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.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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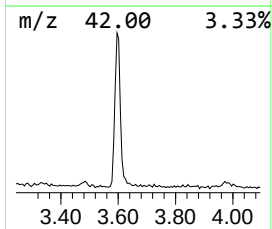
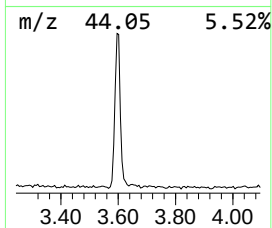
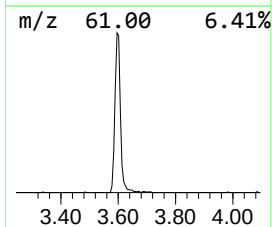
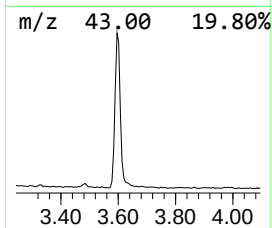
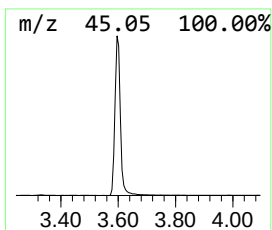
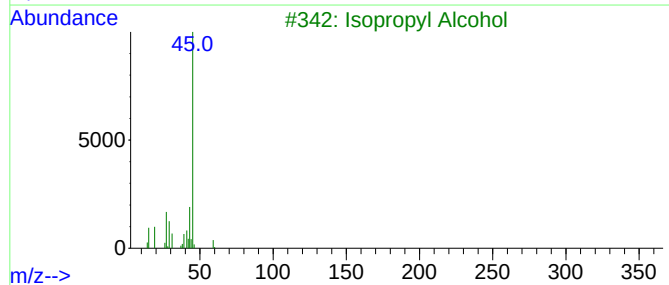
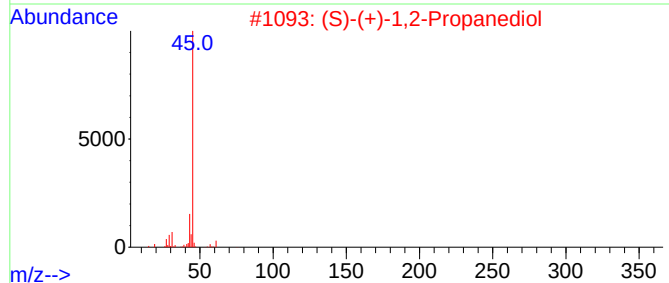
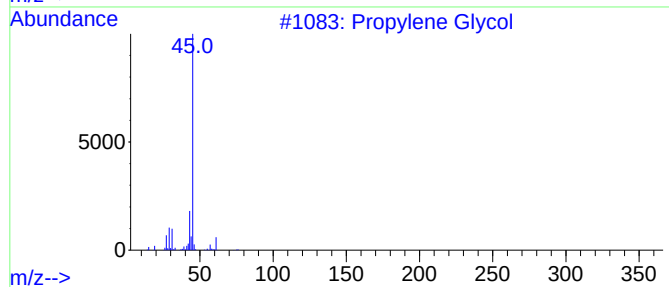
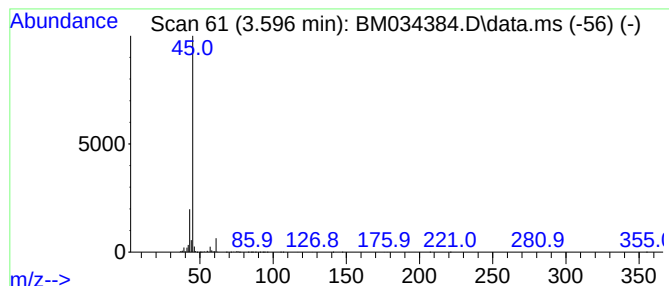
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propylene Glycol Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 3.596 | 24.97 ng | 1122560 | 1,4-Dichlorobenzene-d4 | 7.937 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propylene Glycol                    | 76  | C3H8O2  | 000057-55-6 | 86   |
| 2    |    |   | (S)-(+)-1,2-Propanediol             | 76  | C3H8O2  | 004254-15-3 | 64   |
| 3    |    |   | Isopropyl Alcohol                   | 60  | C3H8O   | 000067-63-0 | 56   |
| 4    |    |   | Propanoic acid, 2-hydroxy-, meth... | 104 | C4H8O3  | 000547-64-8 | 40   |
| 5    |    |   | R-(-)-1,2-propanediol               | 76  | C3H8O2  | 004254-14-2 | 9    |



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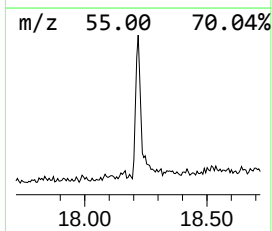
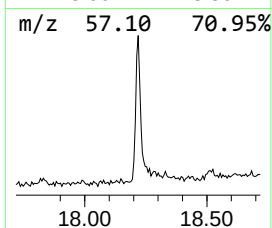
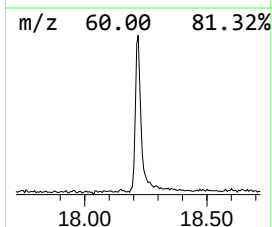
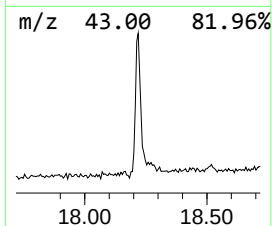
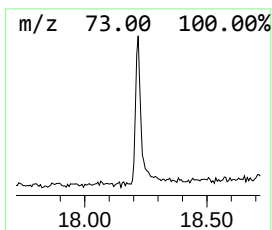
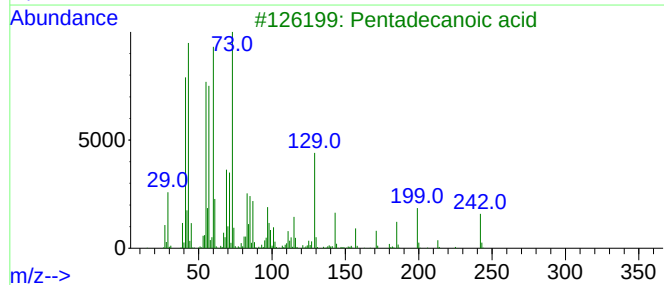
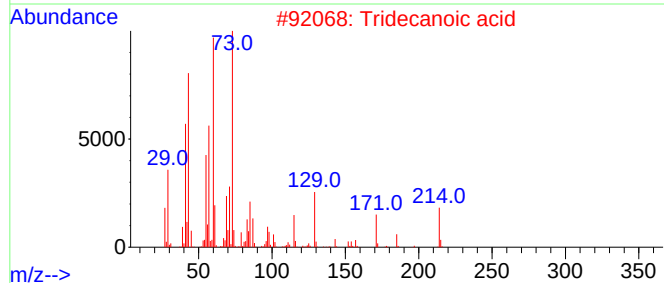
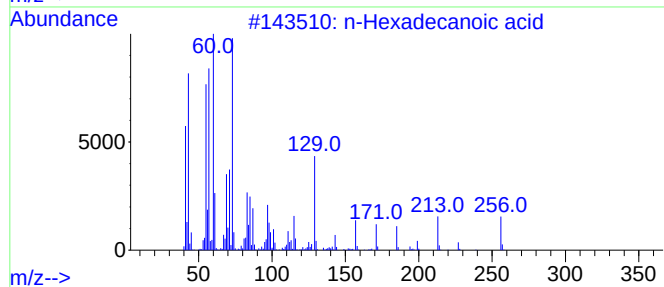
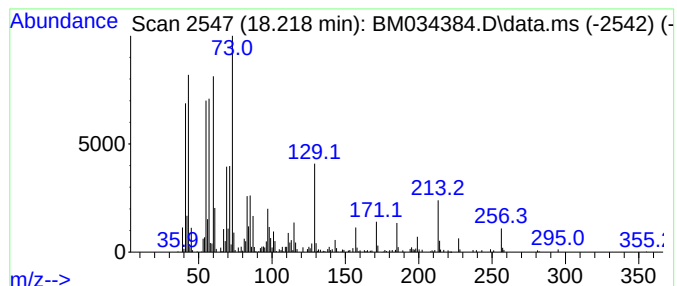
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.218 | 5.26 ng | 358244 | Phenanthrene-d10 | 17.324 |

| 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 | 89   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 76   |
| 5    |      | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 76   |



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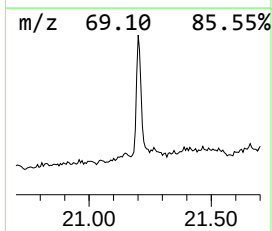
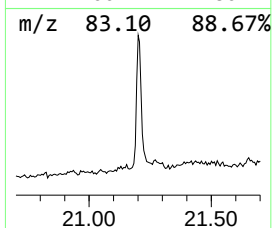
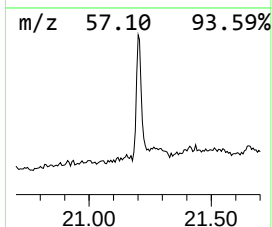
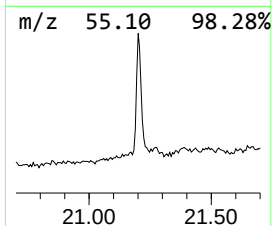
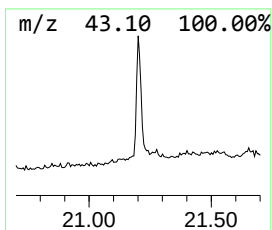
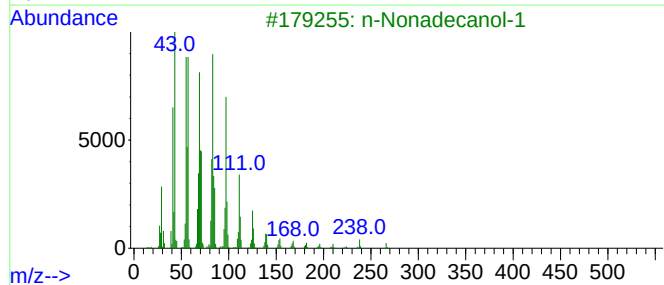
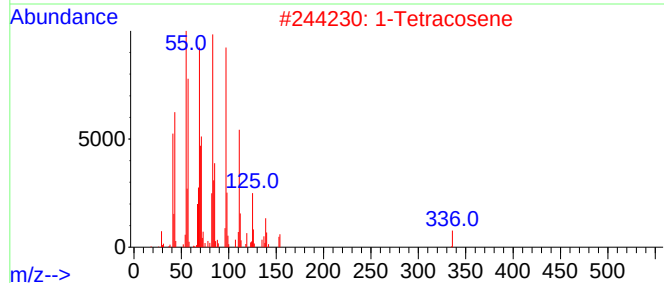
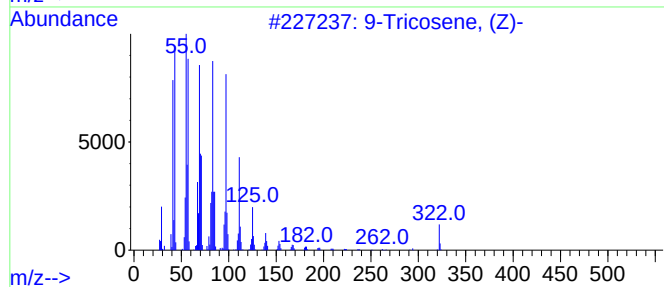
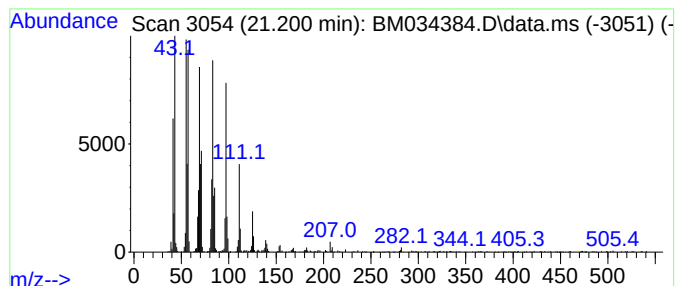
Instrument :  
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ClientSampleId :  
R206

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

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Peak Number 3 9-Tricosene, (Z)- Concentration Rank 2

| R.T.      | EstConc                     | Area   | Relative to ISTD |            | R.T.        |      |
|-----------|-----------------------------|--------|------------------|------------|-------------|------|
| 21.201    | 8.69 ng                     | 643543 | Chrysene-d12     |            | 21.495      |      |
| Hit# of 5 | Tentative ID                |        | MW               | MolForm    | CAS#        | Qual |
| 1         | 9-Tricosene, (Z)-           |        | 322              | C23H46     | 027519-02-4 | 96   |
| 2         | 1-Tetracosene               |        | 336              | C24H48     | 010192-32-2 | 95   |
| 3         | n-Nonadecanol-1             |        | 284              | C19H40O    | 001454-84-8 | 95   |
| 4         | Trifluoroacetoxy hexadecane |        | 338              | C18H33F3O2 | 006222-03-3 | 94   |
| 5         | n-Tetracosanol-1            |        | 354              | C24H50O    | 000506-51-4 | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Propylene Glycol   | 3.596  | 25.0    | ng    | 1122560  | 1                     | 7.937  | 898957  | 20.0 |
| n-Hexadecanoic ... | 18.218 | 5.3     | ng    | 358244   | 4                     | 17.324 | 1363290 | 20.0 |
| 9-Tricosene, (Z)-  | 21.201 | 8.7     | ng    | 643543   | 5                     | 21.495 | 1481340 | 20.0 |