

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042822\  
 Data File : BG053373.D  
 Acq On : 28 Apr 2022 19:20  
 Operator : CG/JU  
 Sample : N2600-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MH-15D

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\_G\Methods\8270-BG040822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053373.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         | 5.670       | 381           | 388         | 402          | rBV      | 448807         | 741933        | 35.23%          | 7.974%        |
| 2         | 7.262       | 650           | 659         | 670          | rBV      | 446088         | 807623        | 38.35%          | 8.680%        |
| 3         | 8.102       | 795           | 802         | 809          | rBV      | 98755          | 167802        | 7.97%           | 1.804%        |
| 4         | 9.265       | 992           | 1000        | 1012         | rBV      | 281738         | 521709        | 24.77%          | 5.607%        |
| 5         | 10.916      | 1271          | 1281        | 1288         | rBV      | 123700         | 224585        | 10.66%          | 2.414%        |
| 6         | 13.348      | 1687          | 1695        | 1704         | rBV      | 762152         | 1189985       | 56.50%          | 12.790%       |
| 7         | 14.728      | 1923          | 1930        | 1938         | rVB      | 201230         | 319617        | 15.18%          | 3.435%        |
| 8         | 16.214      | 2176          | 2183        | 2198         | rBV      | 615530         | 977829        | 46.43%          | 10.510%       |
| 9         | 17.471      | 2391          | 2397        | 2406         | rVB      | 274724         | 421298        | 20.00%          | 4.528%        |
| 10        | 17.836      | 2454          | 2459        | 2468         | rBV4     | 20849          | 36420         | 1.73%           | 0.391%        |
| 11        | 18.353      | 2542          | 2547        | 2556         | rBV3     | 29052          | 52732         | 2.50%           | 0.567%        |
| 12        | 18.770      | 2613          | 2618        | 2623         | rBV      | 283407         | 332552        | 15.79%          | 3.574%        |
| 13        | 19.199      | 2686          | 2691        | 2700         | rBV4     | 22572          | 41812         | 1.99%           | 0.449%        |
| 14        | 20.074      | 2834          | 2840        | 2846         | rBV      | 1593604        | 2106167       | 100.00%         | 22.637%       |
| 15        | 21.372      | 3056          | 3061        | 3072         | rBV      | 105209         | 170615        | 8.10%           | 1.834%        |
| 16        | 21.754      | 3119          | 3126        | 3134         | rBV2     | 296577         | 498787        | 23.68%          | 5.361%        |
| 17        | 22.553      | 3259          | 3262        | 3278         | rVB8     | 14493          | 35444         | 1.68%           | 0.381%        |
| 18        | 23.458      | 3410          | 3416        | 3422         | rVB3     | 56260          | 105773        | 5.02%           | 1.137%        |
| 19        | 24.086      | 3515          | 3523        | 3529         | rBV9     | 12718          | 30222         | 1.43%           | 0.325%        |
| 20        | 25.049      | 3677          | 3687        | 3697         | rVB2     | 169539         | 498028        | 23.65%          | 5.353%        |
| 21        | 26.348      | 3901          | 3908        | 3918         | rBV2     | 7725           | 22997         | 1.09%           | 0.247%        |

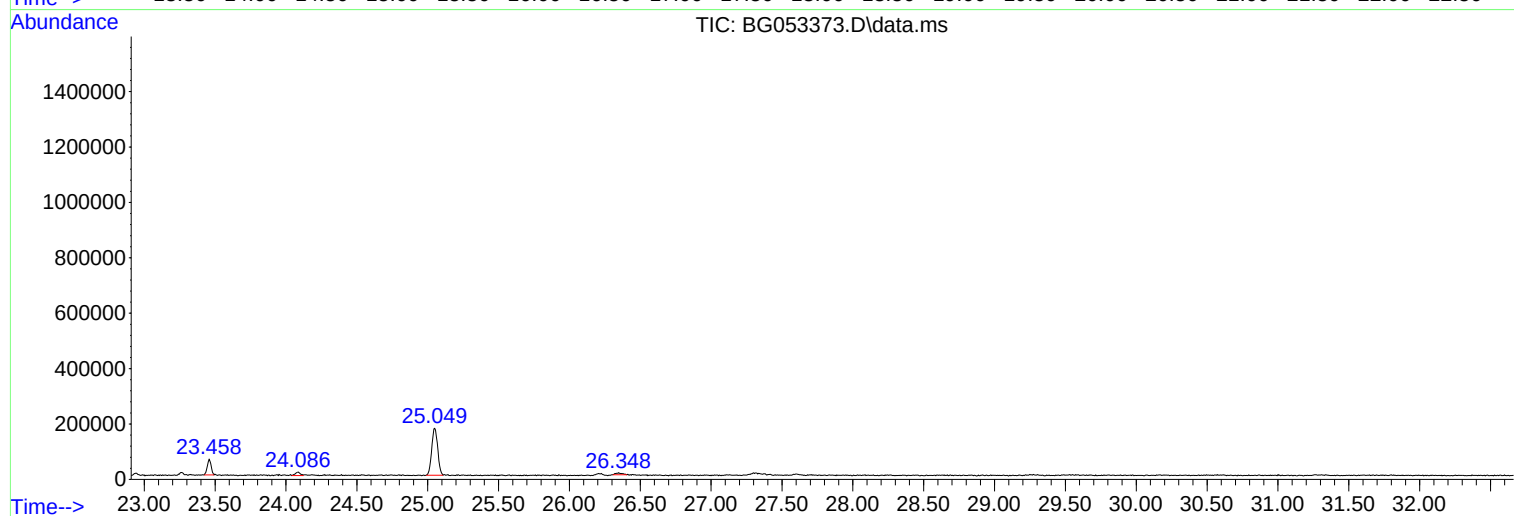
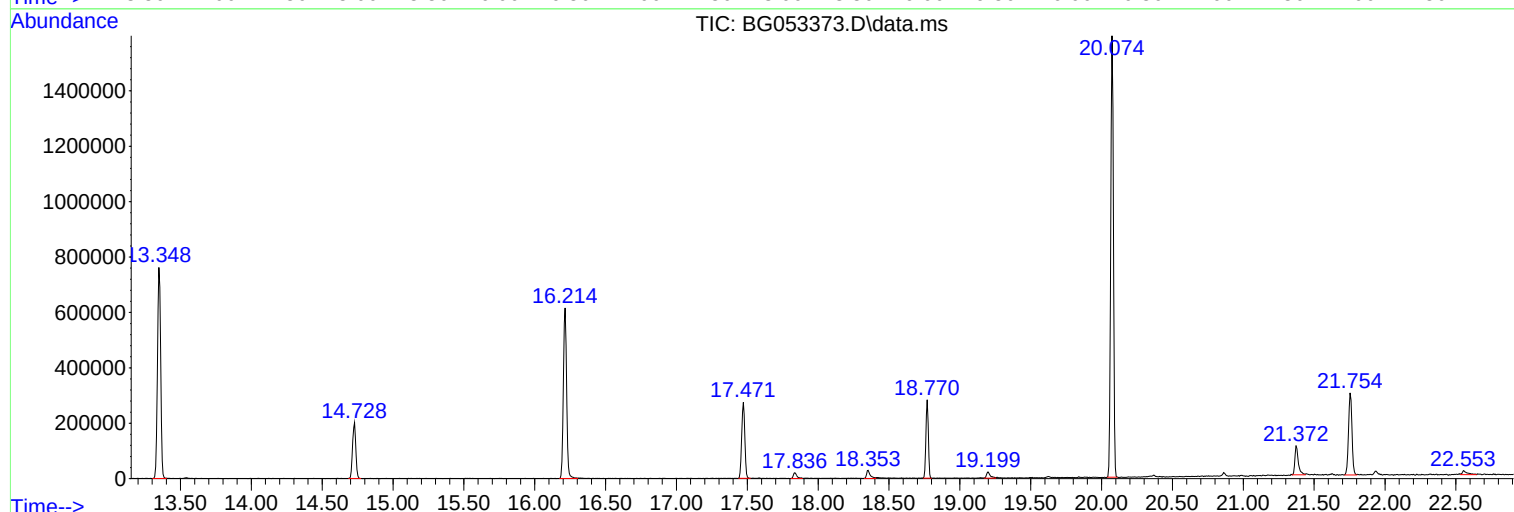
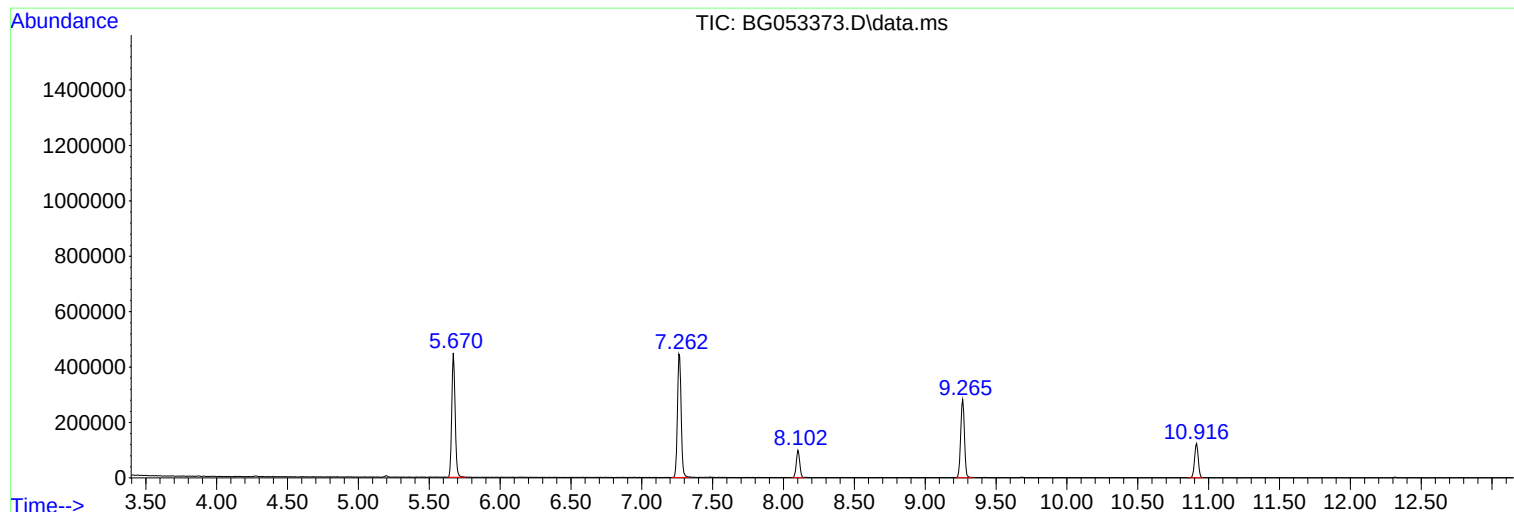
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Sample : N2600-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MH-15D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.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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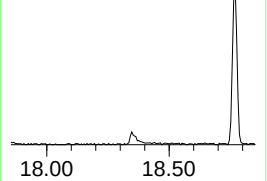
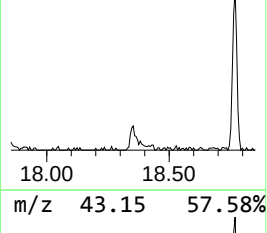
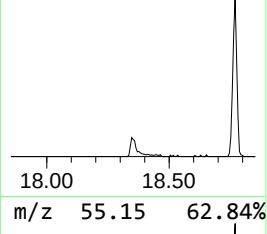
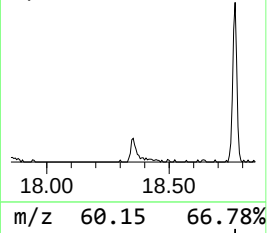
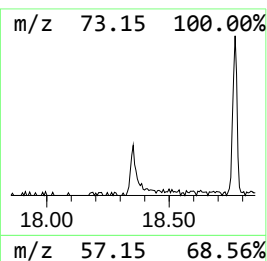
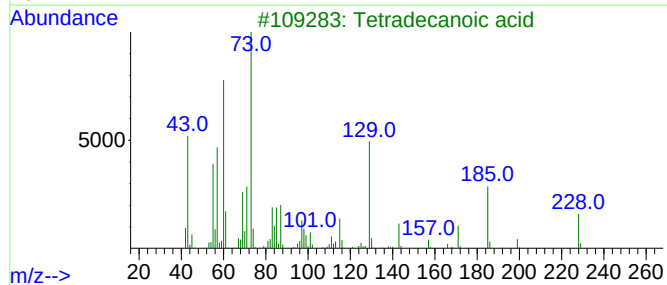
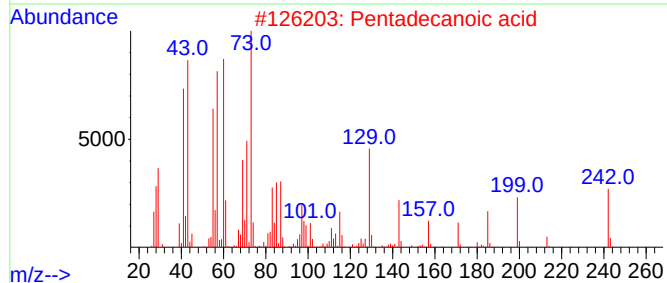
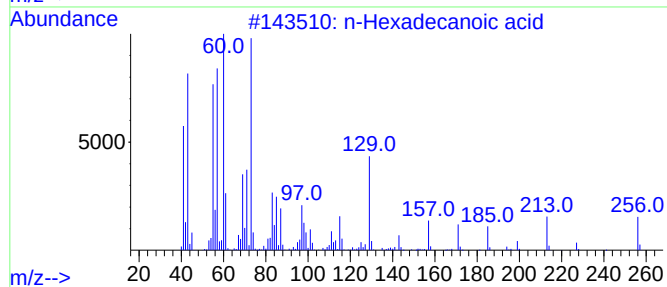
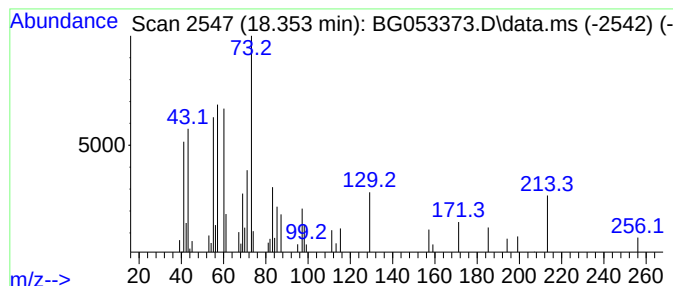
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.353 | 2.50 ng | 52732 | Phenanthrene-d10 | 17.471 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Hexadecanoic acid                | 256 | C16H32O2 | 000057-10-3  | 86   |
| 2    |    |   | Pentadecanoic acid                 | 242 | C15H30O2 | 001002-84-2  | 59   |
| 3    |    |   | Tetradecanoic acid                 | 228 | C14H28O2 | 000544-63-8  | 49   |
| 4    |    |   | Oxalic acid, allyl hexadecyl ester | 354 | C21H38O4 | 1000309-24-4 | 38   |
| 5    |    |   | Oxalic acid, allyl octadecyl ester | 382 | C23H42O4 | 1000309-24-5 | 30   |



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Sample : N2600-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MH-15D

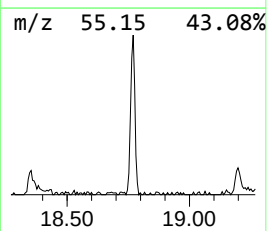
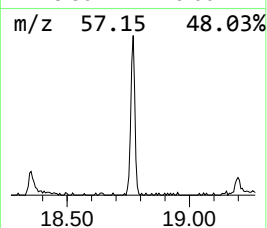
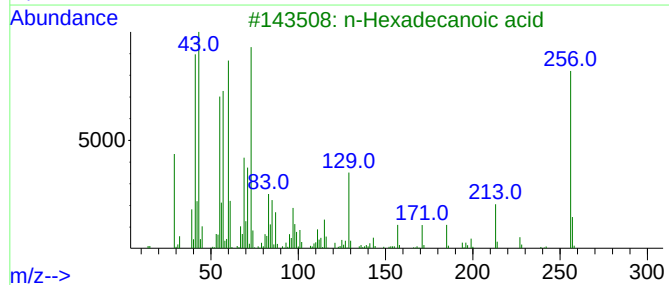
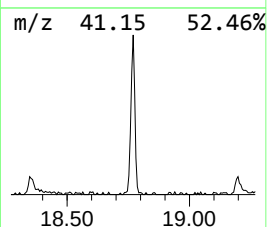
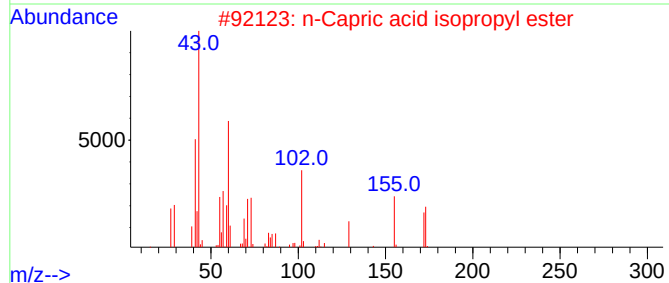
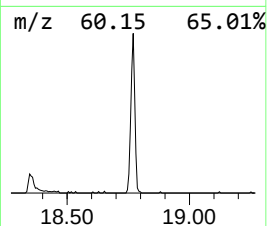
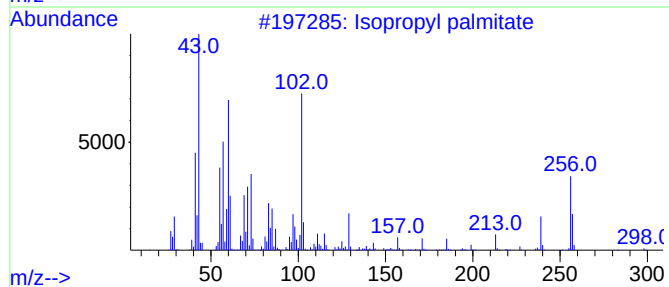
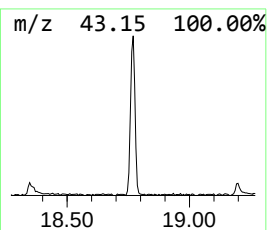
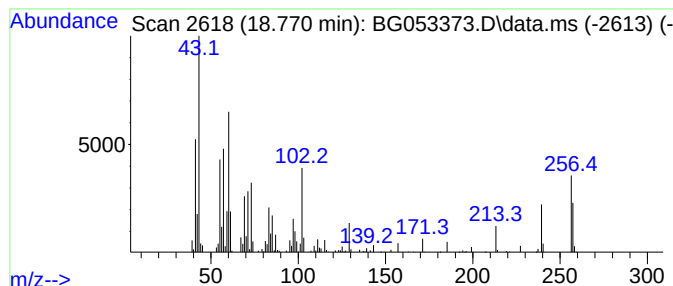
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Isopropyl palmitate Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 18.770 | 15.79 ng | 332552 | Phenanthrene-d10 | 17.471 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Isopropyl palmitate                 | 298 | C19H38O2  | 000142-91-6 | 87   |
| 2    |    |   | n-Capric acid isopropyl ester       | 214 | C13H26O2  | 002311-59-3 | 47   |
| 3    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2  | 000057-10-3 | 38   |
| 4    |    |   | Heptanoic acid, 2,2-dimethyl-6-o... | 186 | C10H18O3  | 000926-27-2 | 12   |
| 5    |    |   | 9-Bromononanoic acid                | 236 | C9H17BrO2 | 041059-02-3 | 10   |



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Sample : N2600-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MH-15D

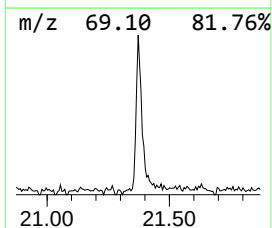
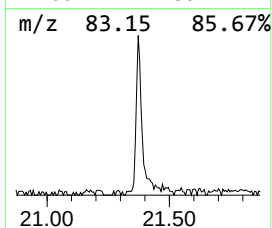
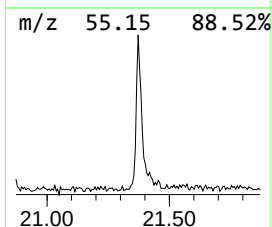
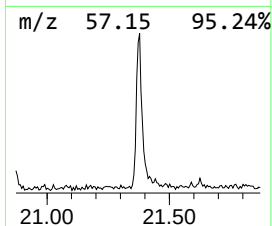
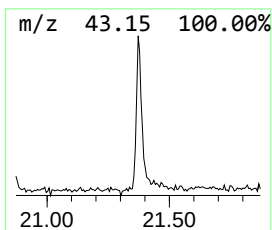
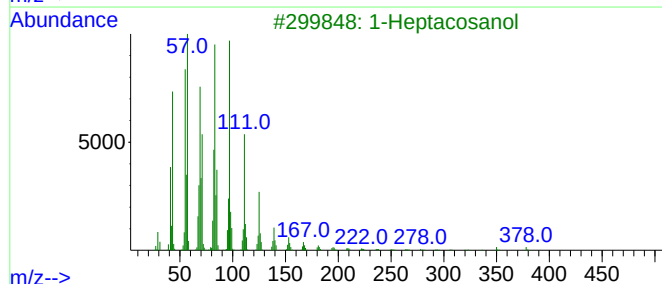
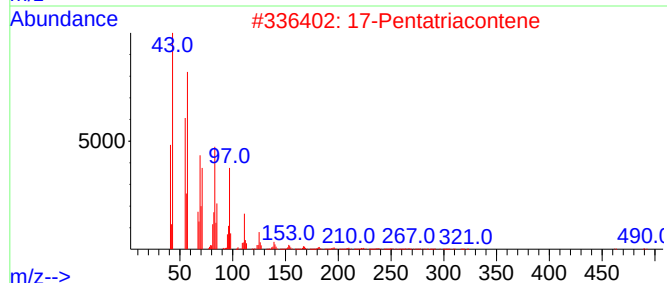
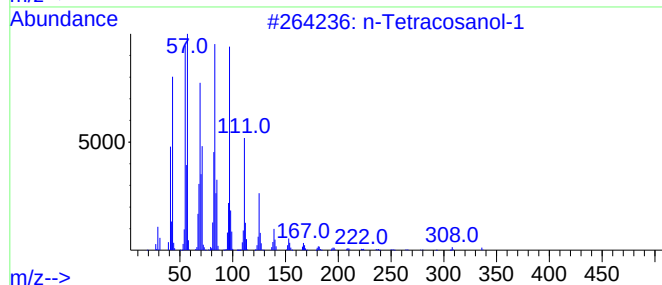
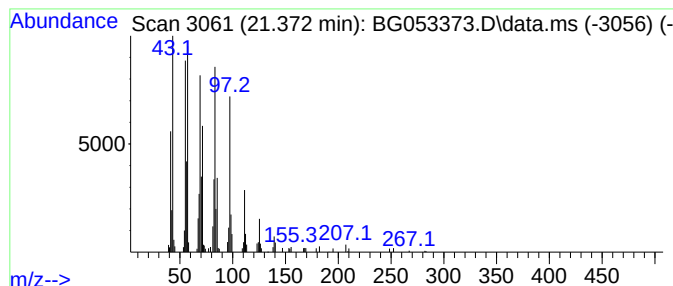
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.372 | 6.84 ng | 170615 | Chrysene-d12     | 21.754 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | n-Tetracosanol-1    | 354 | C24H50O | 000506-51-4 | 91   |
| 2    |    |   | 17-Pentatriacontene | 491 | C35H70  | 006971-40-0 | 91   |
| 3    |    |   | 1-Heptacosanol      | 396 | C27H56O | 002004-39-9 | 91   |
| 4    |    |   | 1-Octadecanol       | 270 | C18H38O | 000112-92-5 | 90   |
| 5    |    |   | 1-Tetracosene       | 336 | C24H48  | 010192-32-2 | 87   |



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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MH-15D

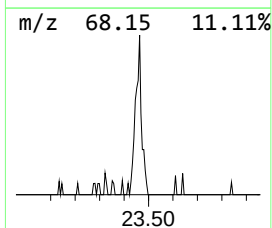
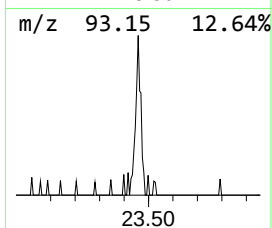
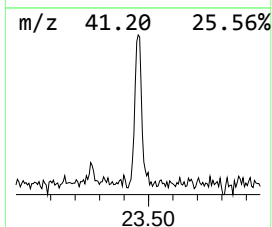
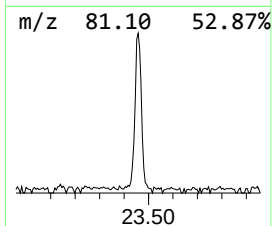
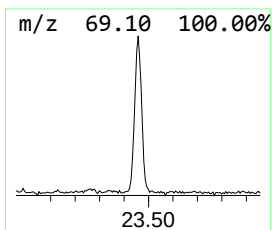
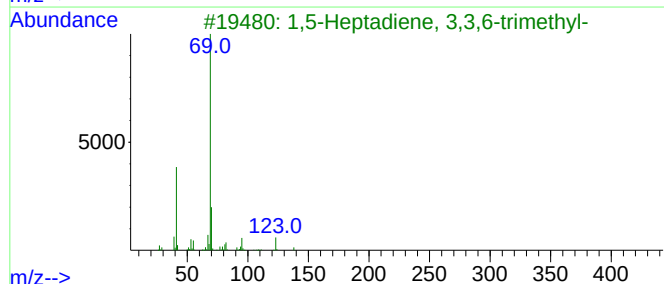
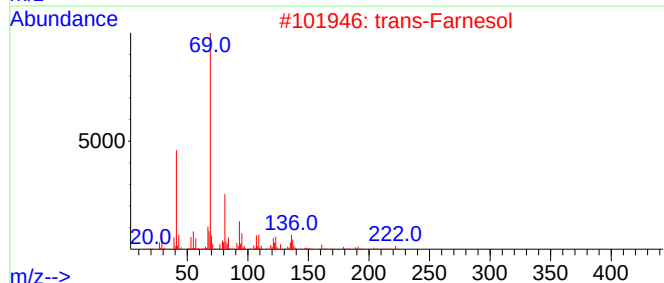
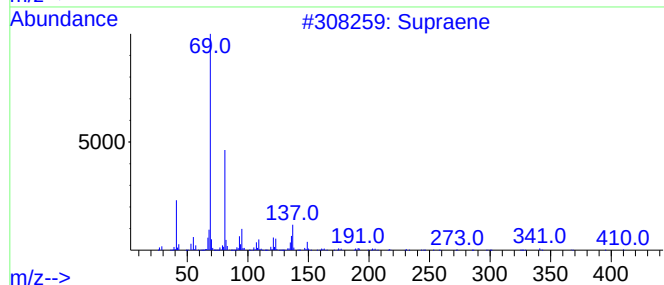
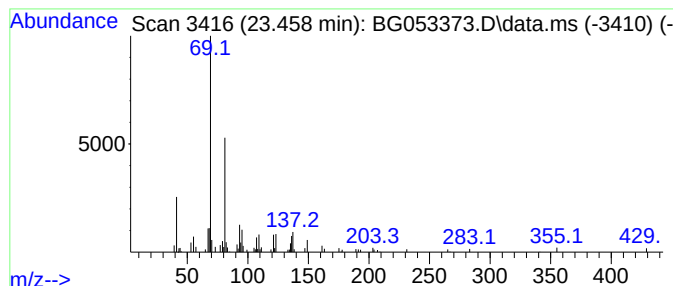
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Supraene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 23.458 | 4.25 ng | 105773 | Perylene-d12     | 25.044 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50   | 007683-64-9 | 91   |
| 2    |    |   | trans-Farnesol                      | 222 | C15H26O  | 000106-28-5 | 80   |
| 3    |    |   | 1,5-Heptadiene, 3,3,6-trimethyl-    | 138 | C10H18   | 035387-63-4 | 64   |
| 4    |    |   | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 264 | C17H28O2 | 004128-17-0 | 64   |
| 5    |    |   | Citral                              | 152 | C10H16O  | 005392-40-5 | 64   |



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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 |
| n-Hexadecanoic ... | 18.353 | 2.5     | ng    | 52732    | 4                     | 17.471 | 421298 | 20.0 |
| Isopropyl palmi... | 18.770 | 15.8    | ng    | 332552   | 4                     | 17.471 | 421298 | 20.0 |
| n-Tetracosanol-1   | 21.372 | 6.8     | ng    | 170615   | 5                     | 21.754 | 498787 | 20.0 |
| Supraene           | 23.458 | 4.3     | ng    | 105773   | 6                     | 25.044 | 498028 | 20.0 |