

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020921\  
 Data File : BG048125.D  
 Acq On : 9 Feb 2021 17:02  
 Operator : CG/JU  
 Sample : M1339-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-5-10

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-BG012521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048125.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         | 5.667       | 389           | 396         | 403          | rBV      | 689834         | 1067612       | 35.66%          | 7.610%        |
| 2         | 7.259       | 659           | 667         | 678          | rBV      | 713822         | 1196342       | 39.96%          | 8.528%        |
| 3         | 8.111       | 806           | 812         | 819          | rBV      | 189176         | 303242        | 10.13%          | 2.162%        |
| 4         | 9.268       | 1001          | 1009        | 1017         | rBV      | 415236         | 725897        | 24.25%          | 5.174%        |
| 5         | 10.919      | 1282          | 1290        | 1301         | rVB      | 229026         | 411335        | 13.74%          | 2.932%        |
| 6         | 13.358      | 1698          | 1705        | 1713         | rVB      | 1094963        | 1654632       | 55.27%          | 11.794%       |
| 7         | 14.174      | 1839          | 1844        | 1849         | rBV      | 22658          | 33909         | 1.13%           | 0.242%        |
| 8         | 14.733      | 1931          | 1939        | 1946         | rVB      | 423360         | 651457        | 21.76%          | 4.644%        |
| 9         | 16.213      | 2183          | 2191        | 2200         | rBV      | 1084355        | 1595007       | 53.28%          | 11.369%       |
| 10        | 17.471      | 2399          | 2405        | 2415         | rBV      | 571646         | 877790        | 29.32%          | 6.257%        |
| 11        | 18.352      | 2550          | 2555        | 2565         | rBV2     | 94874          | 166171        | 5.55%           | 1.184%        |
| 12        | 19.621      | 2767          | 2771        | 2776         | rBV5     | 22445          | 42167         | 1.41%           | 0.301%        |
| 13        | 20.073      | 2842          | 2848        | 2854         | rBV      | 2354359        | 2993590       | 100.00%         | 21.339%       |
| 14        | 21.372      | 3065          | 3069        | 3076         | rBV2     | 151024         | 240123        | 8.02%           | 1.712%        |
| 15        | 21.742      | 3126          | 3132        | 3141         | rVB      | 647943         | 1035966       | 34.61%          | 7.385%        |
| 16        | 25.015      | 3678          | 3689        | 3703         | rVB3     | 353088         | 1033608       | 34.53%          | 7.368%        |

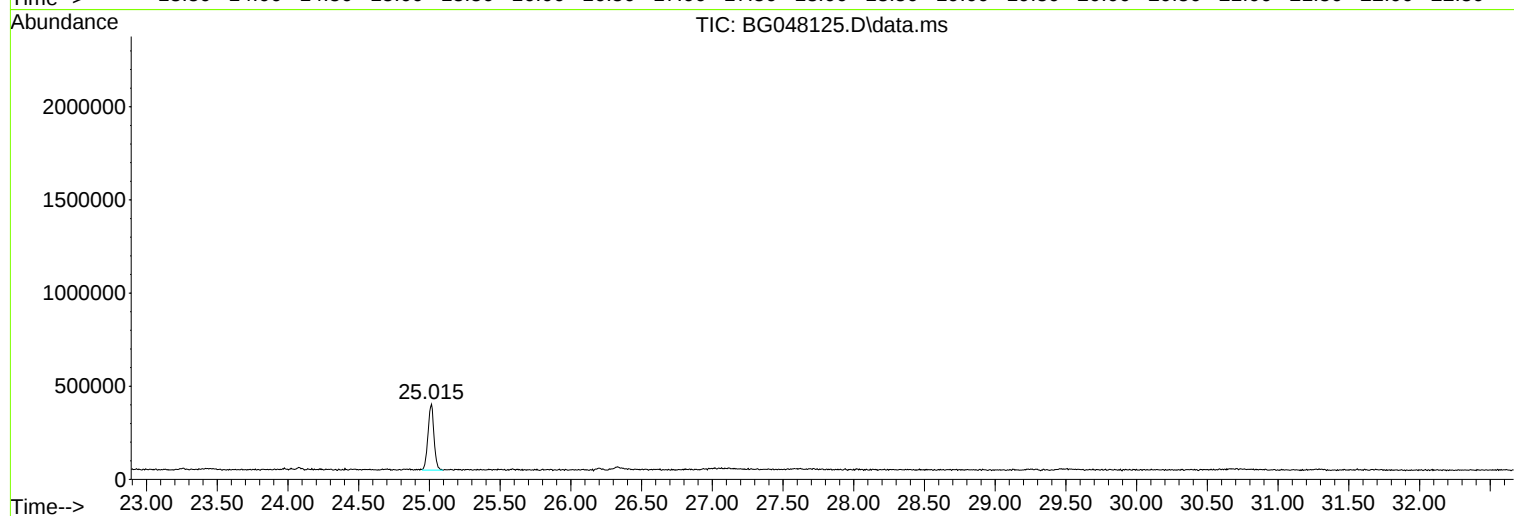
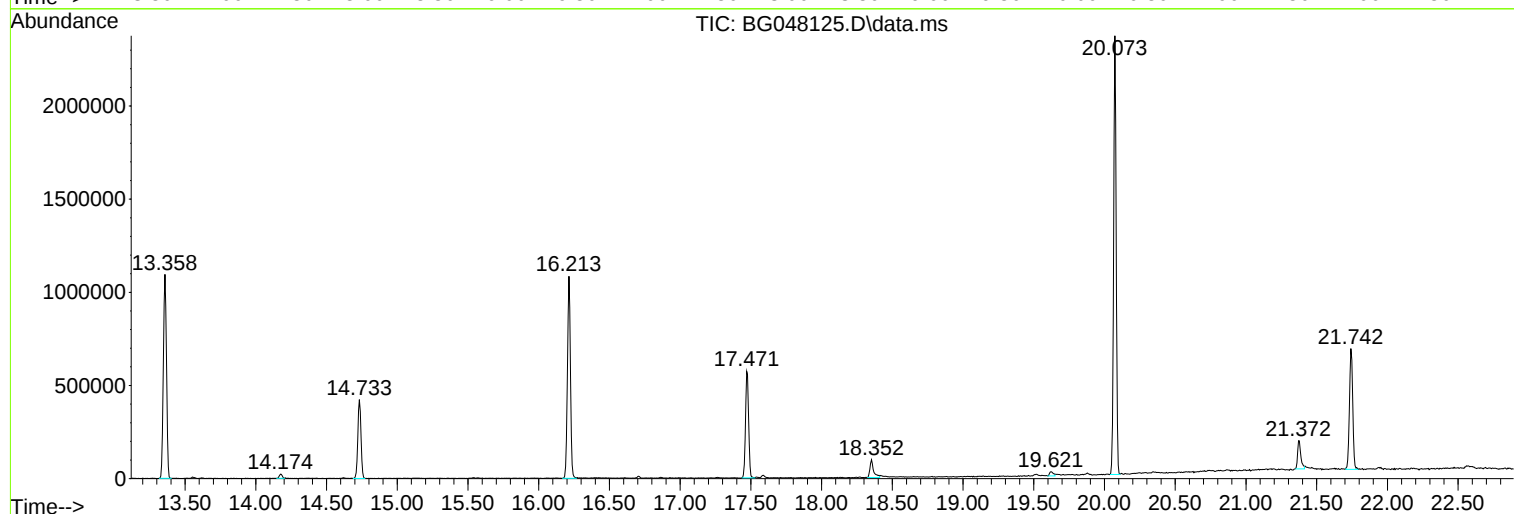
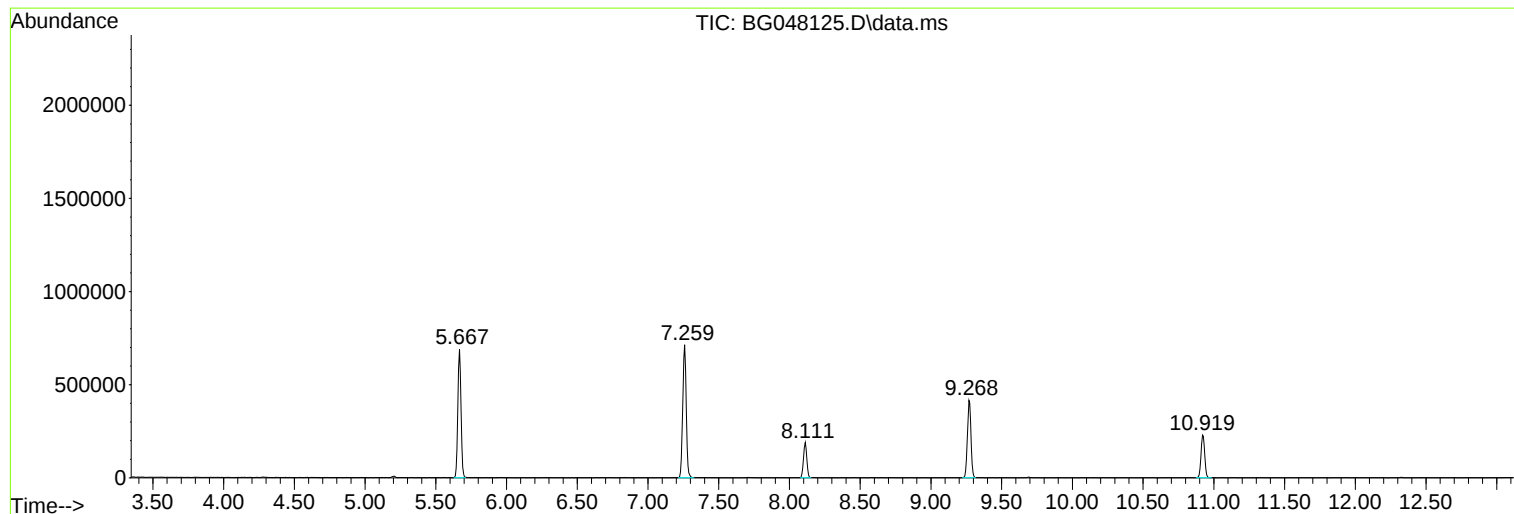
Sum of corrected areas: 14028848

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TP-5-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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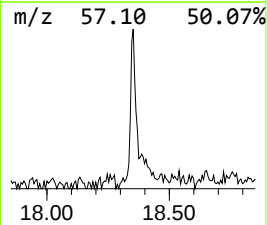
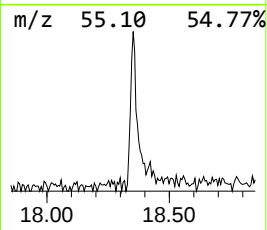
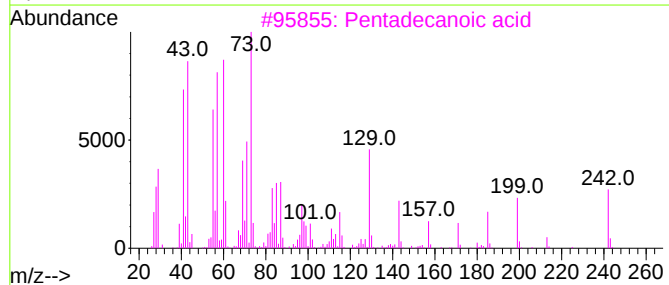
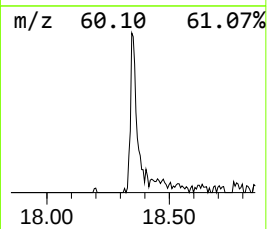
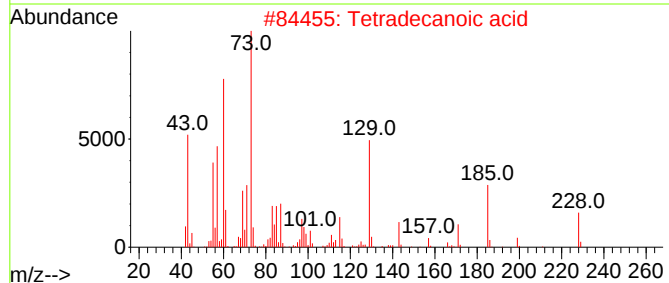
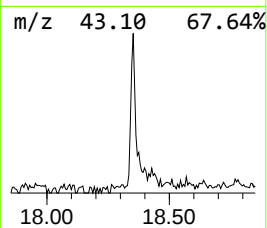
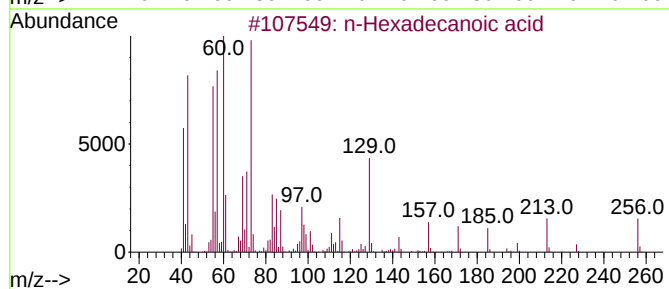
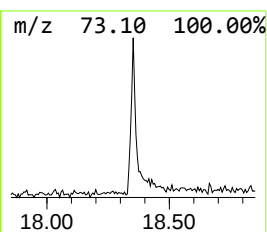
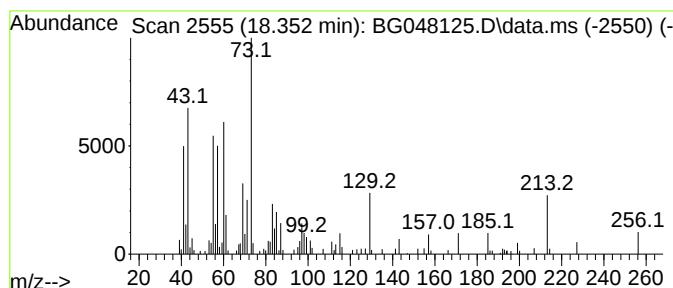
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 18.352    | 3.79 ng             | 166171 | Phenanthrene-d10 | 17.471      |      |
| 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 | 64   |
| 3         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 59   |
| 4         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 53   |
| 5         | Undecanoic acid     | 186    | C11H22O2         | 000112-37-8 | 38   |



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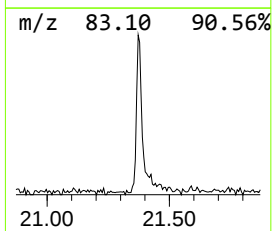
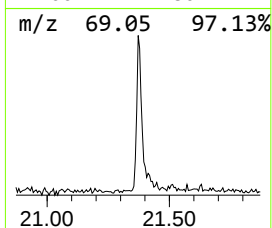
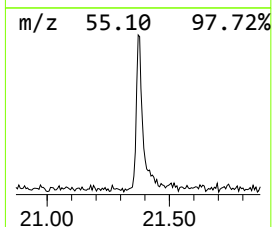
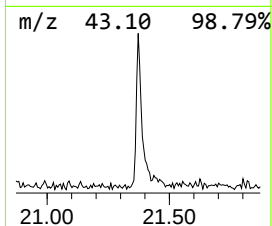
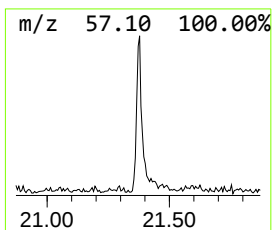
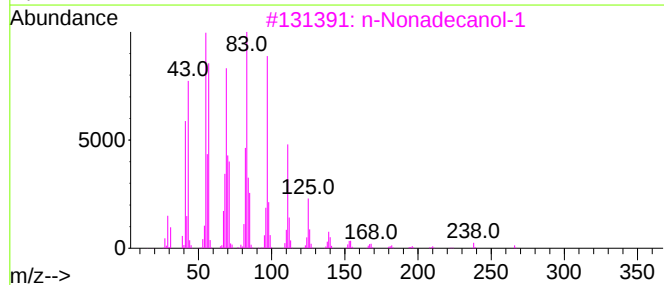
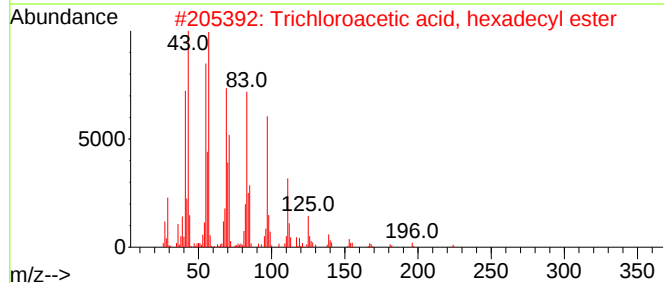
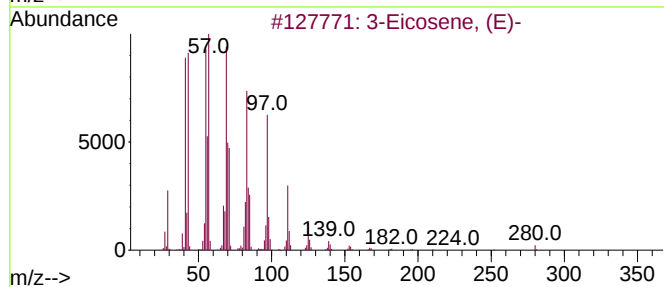
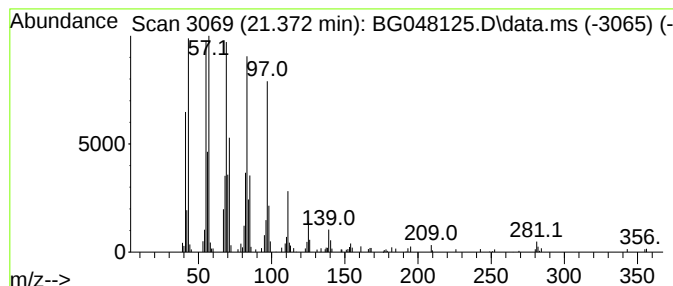
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Peak Number 2 3-Eicosene, (E)- Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 21.372    | 4.64 ng                             | 240123 | Chrysene-d12     | 21.742      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 3-Eicosene, (E)-                    | 280    | C20H40           | 074685-33-9 | 91   |
| 2         | Trichloroacetic acid, hexadecyl ... | 386    | C18H33Cl3O2      | 074339-54-1 | 91   |
| 3         | n-Nonadecanol-1                     | 284    | C19H40O          | 001454-84-8 | 83   |
| 4         | 1-Eicosene                          | 280    | C20H40           | 003452-07-1 | 83   |
| 5         | 1-Hexadecanol                       | 242    | C16H34O          | 036653-82-4 | 81   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.352 | 3.8     | ng    | 166171   | 4                     | 17.471 | 877790  | 20.0 |
| 3-Eicosene, (E)-   | 21.372 | 4.6     | ng    | 240123   | 5                     | 21.742 | 1035970 | 20.0 |