

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042221\  
 Data File : BM029605.D  
 Acq On : 22 Apr 2021 21:57  
 Operator : CG/JU  
 Sample : M2106-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-22-14.5-15.0

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-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029605.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         | 5.228       | 392           | 398         | 416          | rBV      | 960231         | 1424115       | 44.62%          | 8.583%        |
| 2         | 6.810       | 660           | 667         | 683          | rBV      | 927019         | 1484408       | 46.51%          | 8.947%        |
| 3         | 7.634       | 800           | 807         | 817          | rBV      | 251069         | 412086        | 12.91%          | 2.484%        |
| 4         | 8.787       | 995           | 1003        | 1015         | rBV      | 526533         | 904684        | 28.34%          | 5.453%        |
| 5         | 10.410      | 1270          | 1279        | 1287         | rBV      | 304334         | 520787        | 16.32%          | 3.139%        |
| 6         | 12.892      | 1694          | 1701        | 1714         | rBV      | 1546710        | 2206031       | 69.12%          | 13.296%       |
| 7         | 13.739      | 1840          | 1845        | 1850         | rBV      | 46104          | 66322         | 2.08%           | 0.400%        |
| 8         | 14.275      | 1930          | 1936        | 1944         | rBV      | 477367         | 703151        | 22.03%          | 4.238%        |
| 9         | 14.827      | 2023          | 2030        | 2037         | rBV      | 15606          | 42131         | 1.32%           | 0.254%        |
| 10        | 15.286      | 2103          | 2108        | 2112         | rBV      | 25451          | 33908         | 1.06%           | 0.204%        |
| 11        | 15.769      | 2183          | 2190        | 2203         | rBV      | 1122524        | 1658094       | 51.95%          | 9.993%        |
| 12        | 17.021      | 2397          | 2403        | 2407         | rBV      | 556884         | 802267        | 25.14%          | 4.835%        |
| 13        | 17.057      | 2407          | 2409        | 2415         | rVB      | 48747          | 67078         | 2.10%           | 0.404%        |
| 14        | 17.927      | 2552          | 2557        | 2566         | rBV4     | 68179          | 105262        | 3.30%           | 0.634%        |
| 15        | 19.080      | 2748          | 2753        | 2759         | rVB      | 97544          | 128531        | 4.03%           | 0.775%        |
| 16        | 19.439      | 2810          | 2814        | 2816         | rBV      | 76388          | 99716         | 3.12%           | 0.601%        |
| 17        | 19.468      | 2816          | 2819        | 2826         | rVB      | 177612         | 250289        | 7.84%           | 1.509%        |
| 18        | 19.651      | 2845          | 2850        | 2865         | rVB      | 2628854        | 3191816       | 100.00%         | 19.237%       |
| 19        | 20.927      | 3063          | 3067        | 3074         | rBV      | 223712         | 310152        | 9.72%           | 1.869%        |
| 20        | 21.198      | 3108          | 3113        | 3118         | rBV      | 774588         | 1099392       | 34.44%          | 6.626%        |
| 21        | 23.392      | 3480          | 3486        | 3492         | rBV2     | 576413         | 1081572       | 33.89%          | 6.519%        |

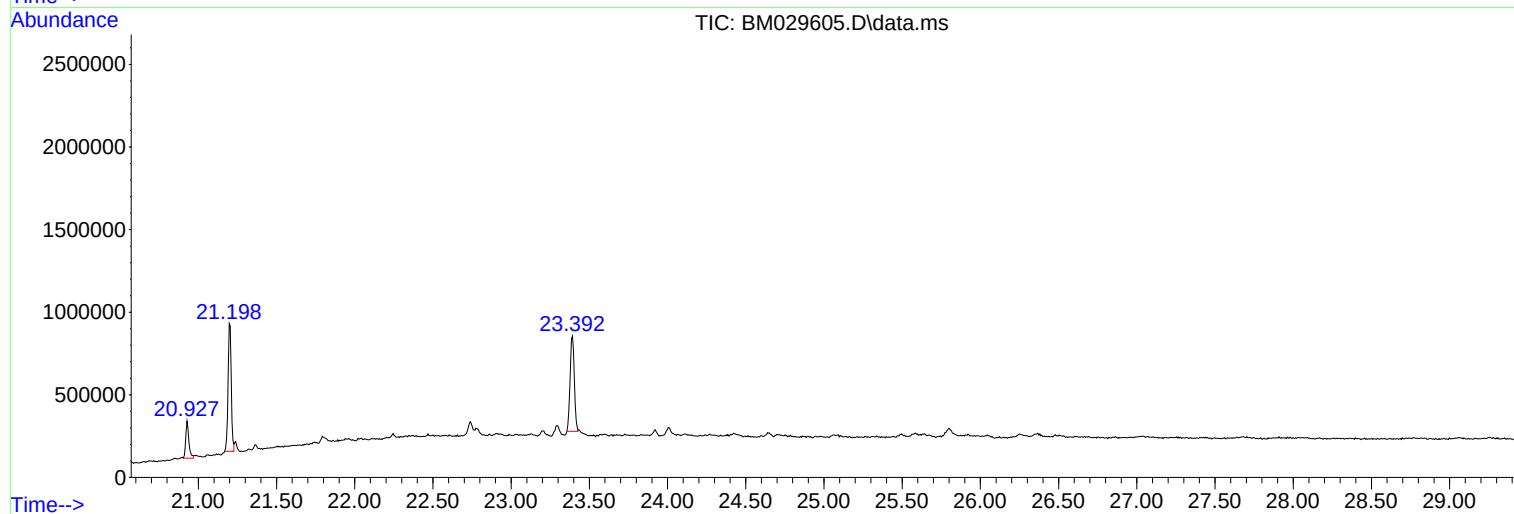
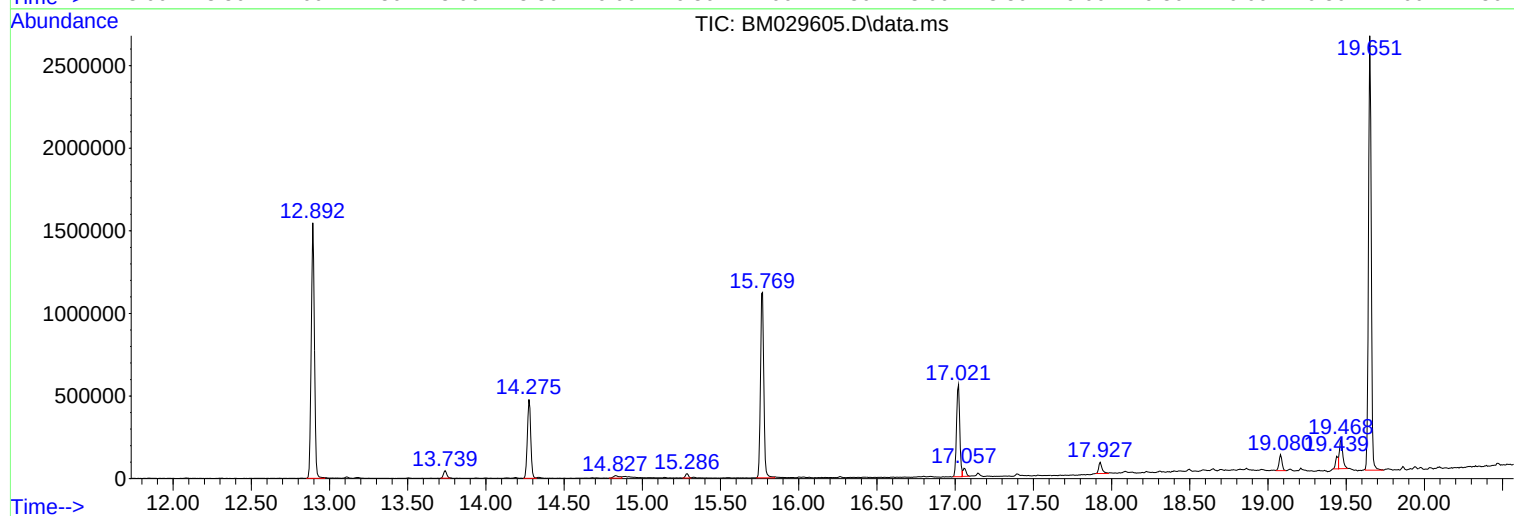
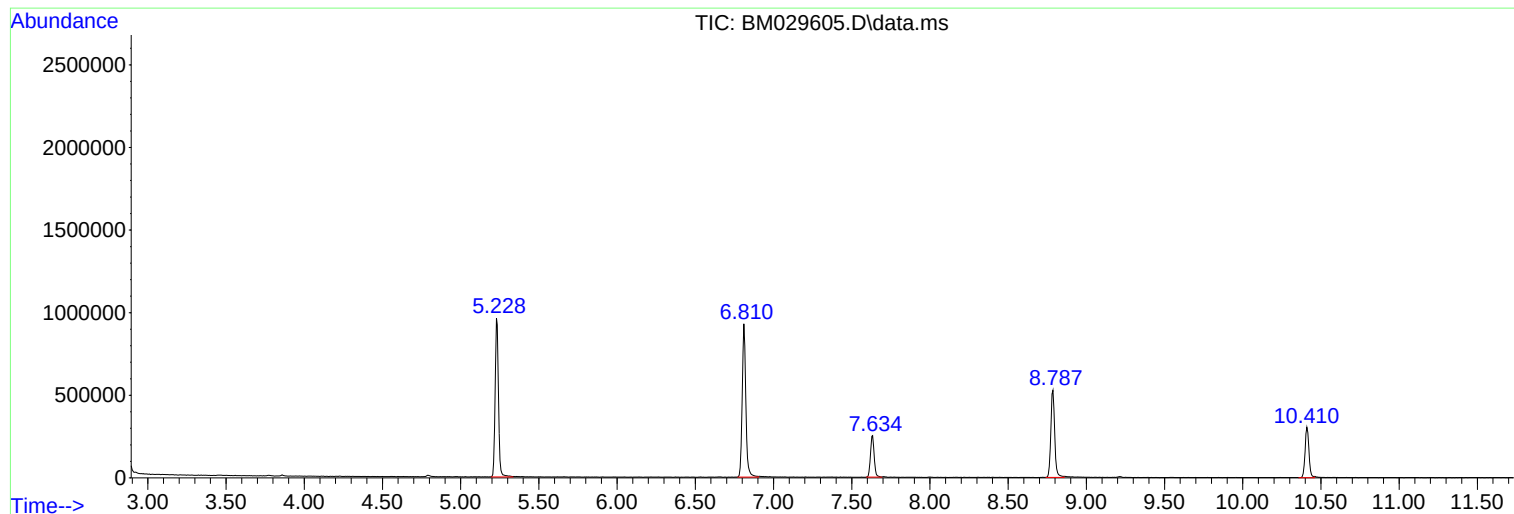
Sum of corrected areas: 16591792

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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SB-22-14.5-15.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.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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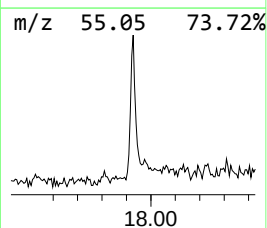
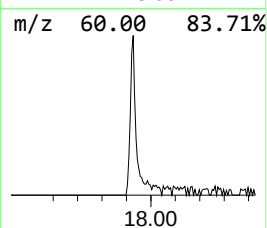
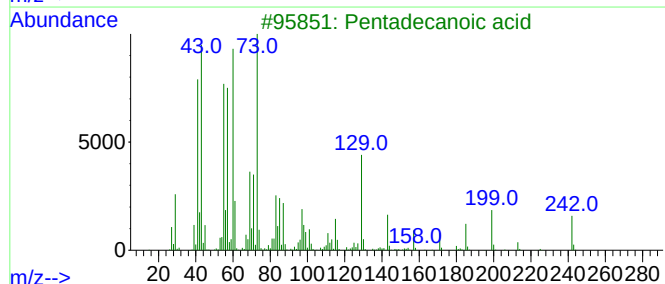
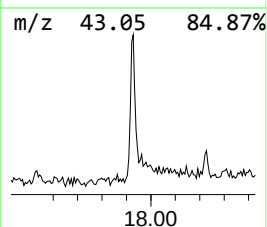
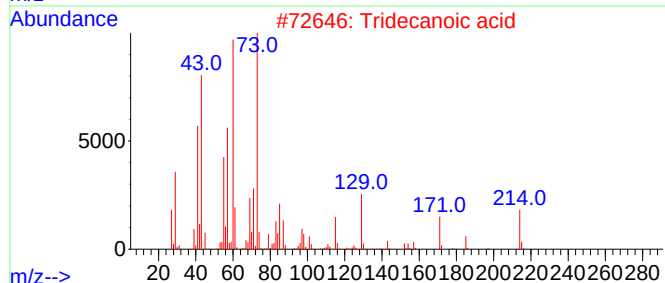
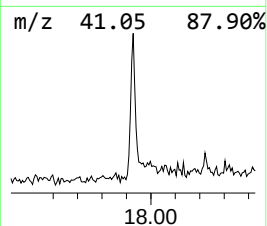
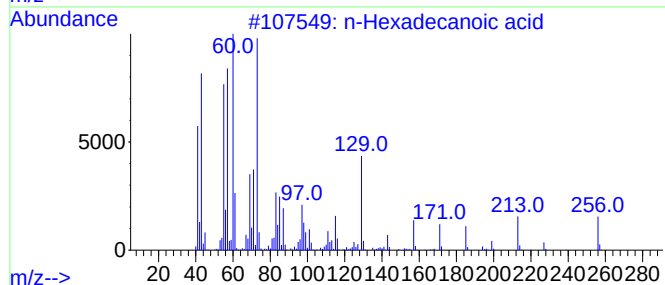
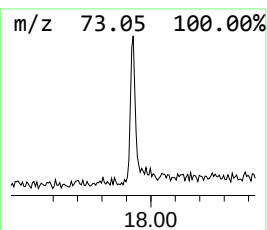
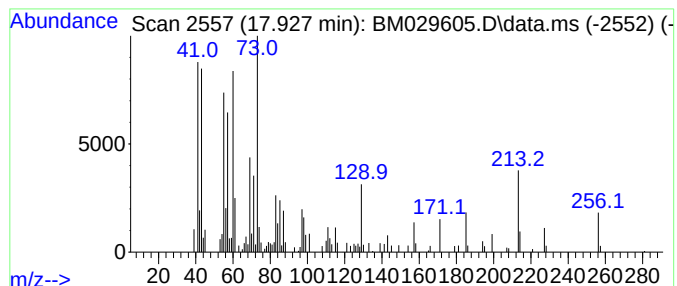
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.M  
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.927 | 2.62 ng | 105262 | Phenanthrene-d10 | 17.021 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 2    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |
| 5    |      | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 50   |



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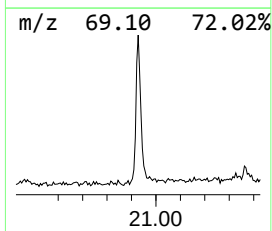
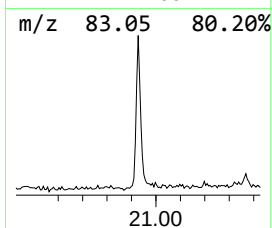
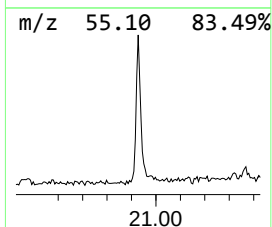
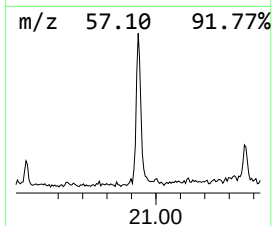
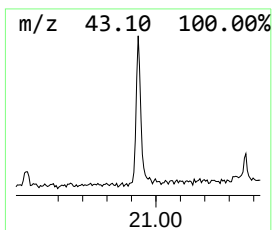
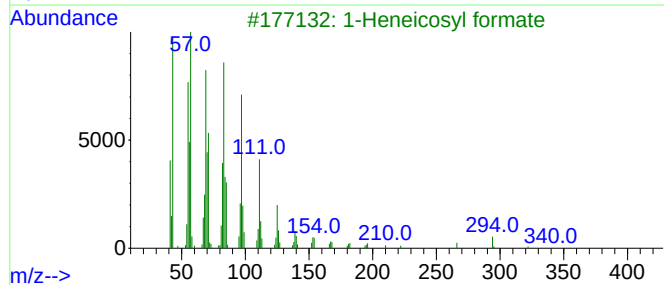
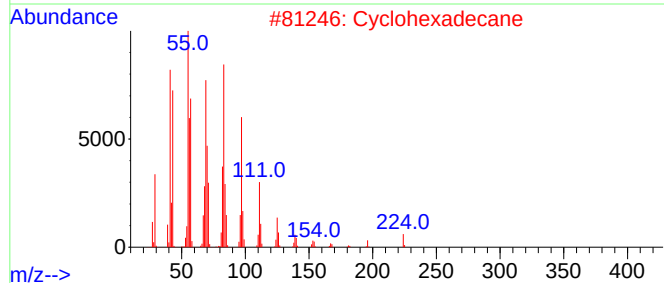
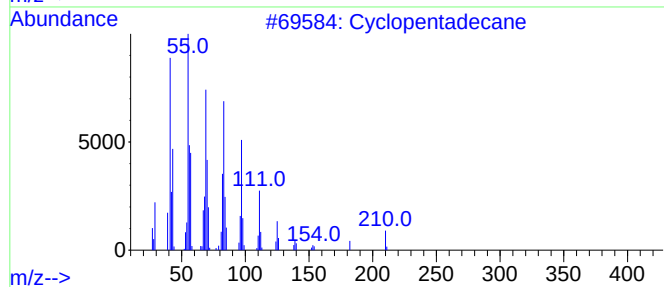
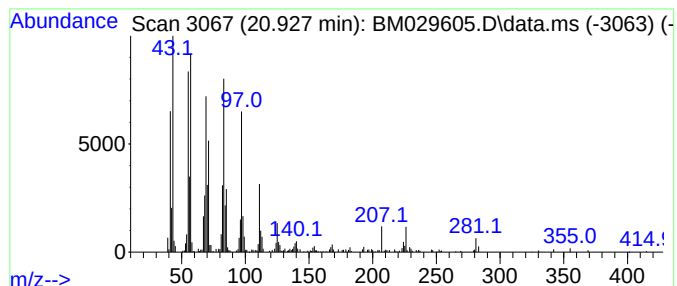
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Peak Number 2 Cyclopentadecane Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.927 | 5.64 ng | 310152 | Chrysene-d12     | 21.203 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7  | 96   |
| 2    |    |   | Cyclohexadecane                     | 224 | C16H32      | 000295-65-8  | 93   |
| 3    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 93   |
| 4    |    |   | E-15-Heptadecenal                   | 252 | C17H32O     | 1000130-97-9 | 91   |
| 5    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 17.927 | 2.6     | ng    | 105262   | 4                     | 17.021 | 802267  | 20.0 |
| Cyclopentadecane   | 20.927 | 5.6     | ng    | 310152   | 5                     | 21.203 | 1099390 | 20.0 |