

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\  
 Data File : BP003139.D  
 Acq On : 27 Aug 2020 19:14  
 Operator : CG/JU  
 Sample : L3816-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ALMASI-2

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP082420.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 2.934       | 3             | 8           | 22           | rVB      | 1057939        | 1250391       | 15.16%          | 3.070%        |
| 2         | 5.269       | 399           | 405         | 420          | rBV      | 1835485        | 2691921       | 32.64%          | 6.610%        |
| 3         | 6.840       | 665           | 672         | 691          | rBV      | 1619929        | 2672294       | 32.40%          | 6.562%        |
| 4         | 7.663       | 804           | 812         | 821          | rBV      | 676200         | 1051389       | 12.75%          | 2.582%        |
| 5         | 8.804       | 998           | 1006        | 1018         | rBV      | 1112190        | 1869594       | 22.67%          | 4.591%        |
| 6         | 10.440      | 1276          | 1284        | 1303         | rBV      | 838171         | 1453634       | 17.63%          | 3.569%        |
| 7         | 12.922      | 1698          | 1706        | 1729         | rBV      | 3482510        | 5355878       | 64.94%          | 13.151%       |
| 8         | 13.763      | 1841          | 1849        | 1865         | rBV      | 292363         | 495335        | 6.01%           | 1.216%        |
| 9         | 14.304      | 1934          | 1941        | 1962         | rBV      | 1271210        | 2011357       | 24.39%          | 4.939%        |
| 10        | 15.798      | 2187          | 2195        | 2217         | rBV      | 2352433        | 3676505       | 44.58%          | 9.028%        |
| 11        | 17.051      | 2402          | 2408        | 2420         | rBV      | 1602935        | 2408700       | 29.21%          | 5.915%        |
| 12        | 17.969      | 2560          | 2564        | 2572         | rBV      | 61492          | 104109        | 1.26%           | 0.256%        |
| 13        | 19.633      | 2841          | 2847        | 2862         | rBV      | 6281737        | 8247157       | 100.00%         | 20.251%       |
| 14        | 20.880      | 3054          | 3059        | 3077         | rBV      | 564081         | 858240        | 10.41%          | 2.107%        |
| 15        | 21.145      | 3099          | 3104        | 3117         | rBV      | 2353671        | 3052481       | 37.01%          | 7.495%        |
| 16        | 23.380      | 3477          | 3484        | 3494         | rVB      | 1806335        | 3358703       | 40.73%          | 8.247%        |
| 17        | 24.039      | 3593          | 3596        | 3604         | rVB3     | 89270          | 167228        | 2.03%           | 0.411%        |

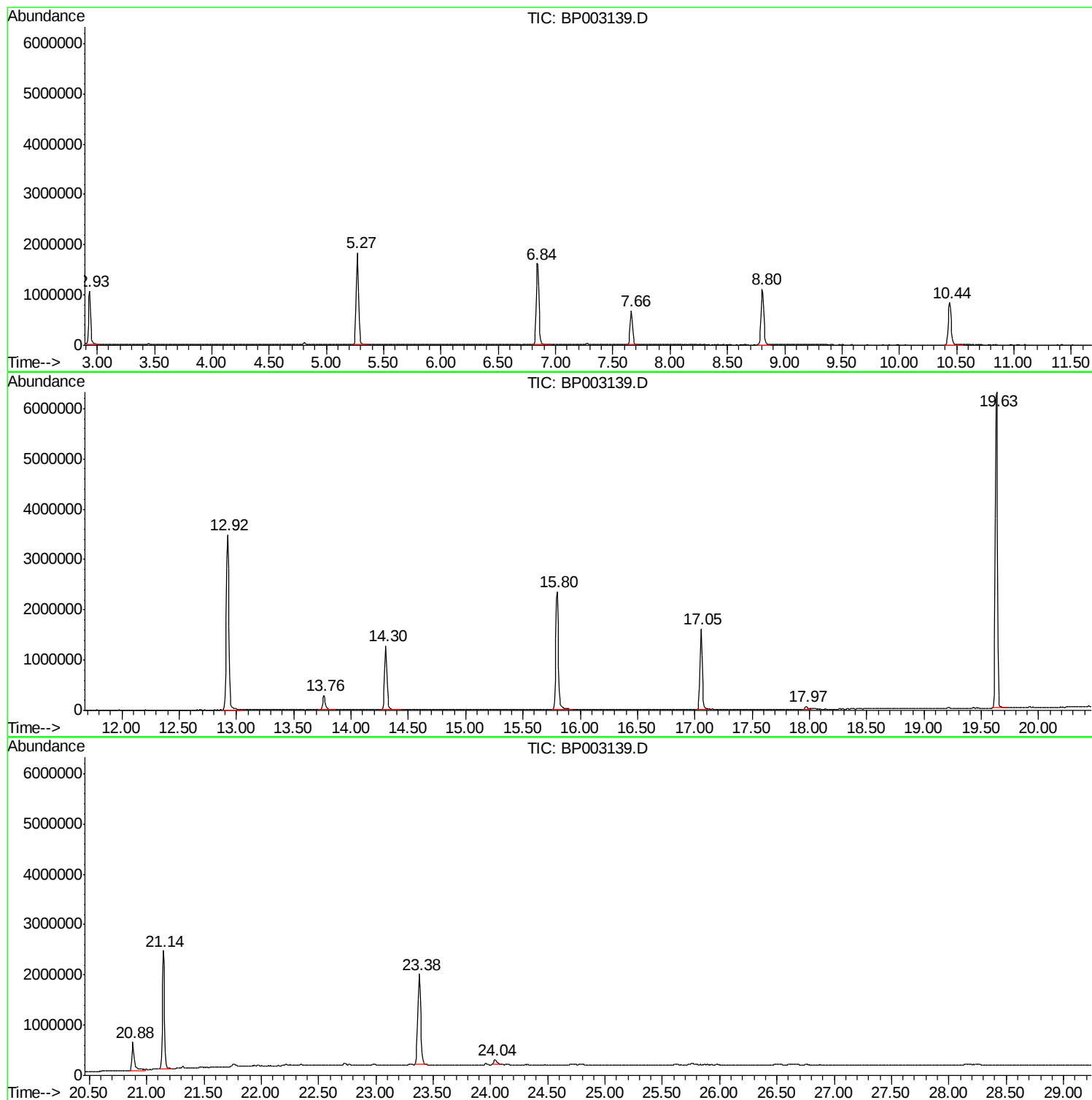
Sum of corrected areas: 40724916

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.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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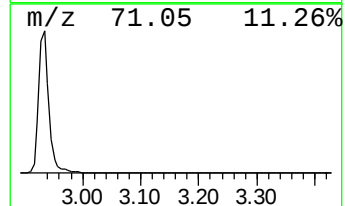
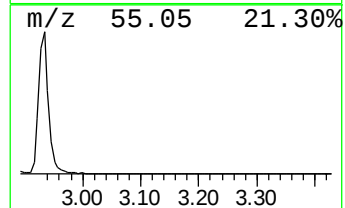
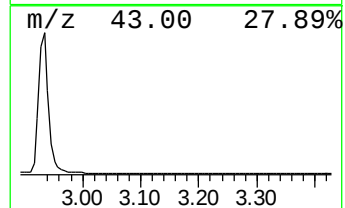
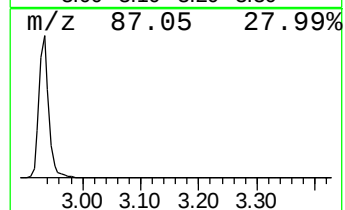
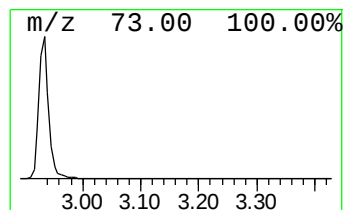
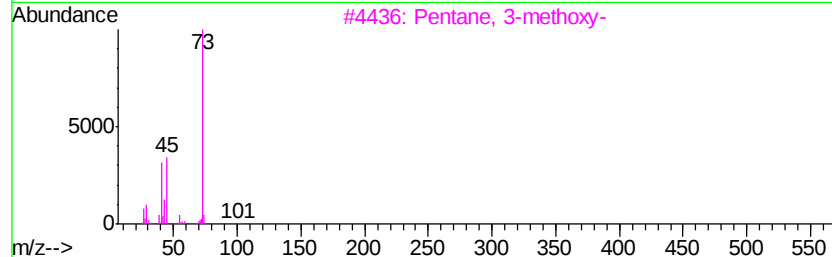
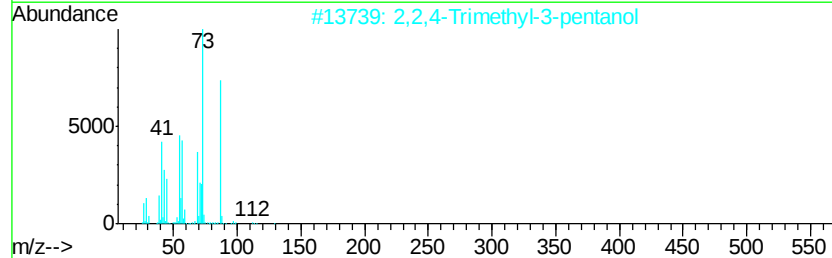
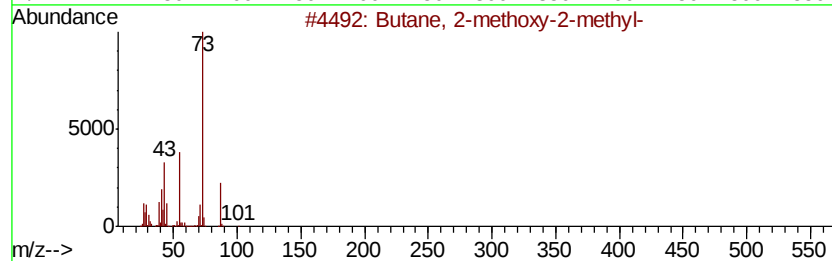
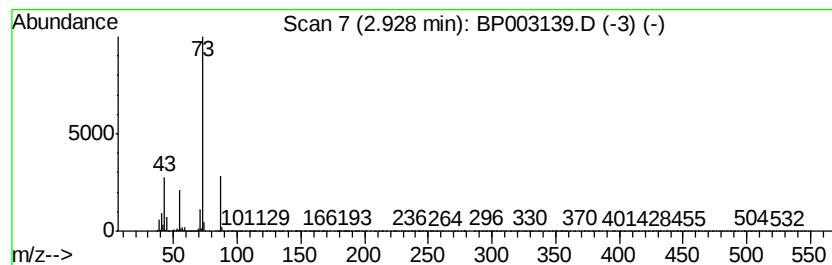
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 2.93 | 23.79 ng | 1250390 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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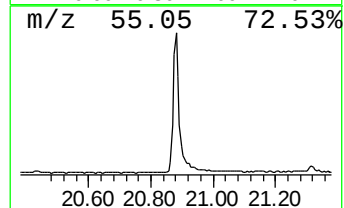
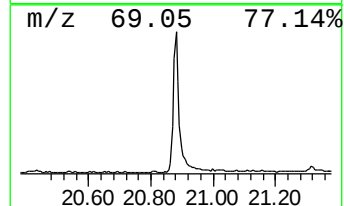
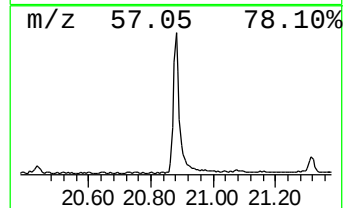
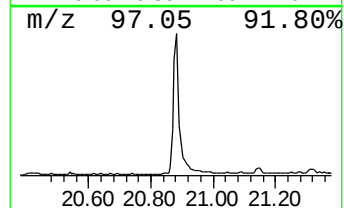
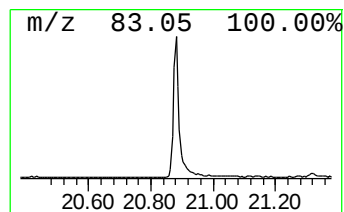
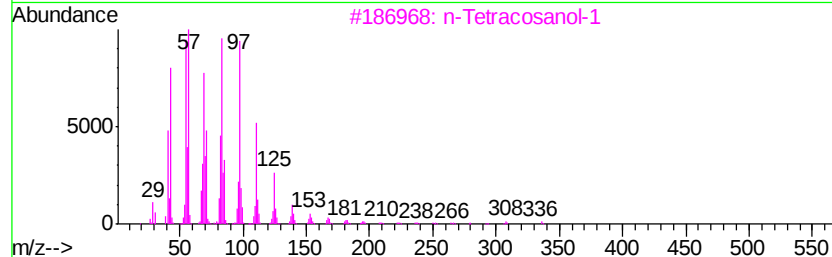
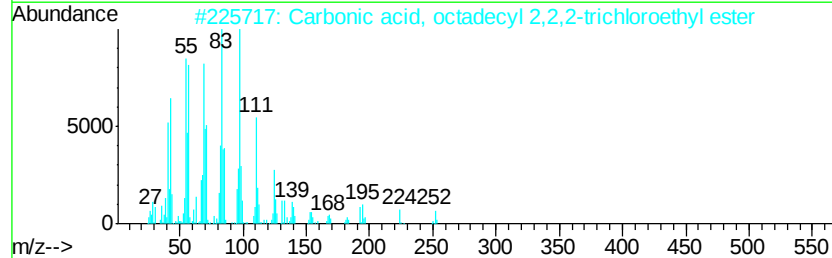
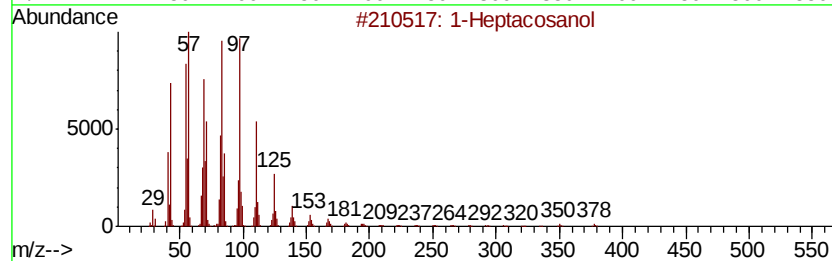
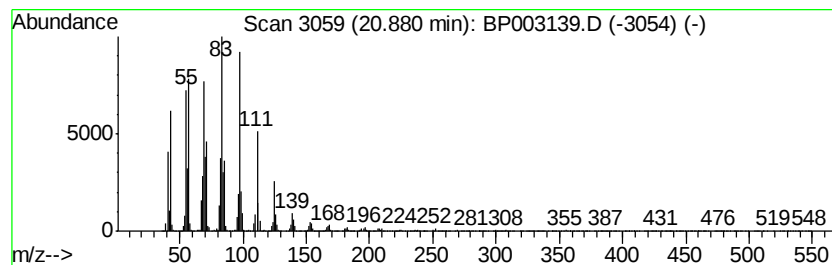
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Peak Number 2 1-Heptacosanol Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 20.88     | 5.62 ng                             | 858240 | Chrysene-d12     | 21.15        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Heptacosanol                      | 396    | C27H56O          | 002004-39-9  | 95   |
| 2         | Carbonic acid, octadecyl 2,2,2-t... | 444    | C21H39Cl3O3      | 1000314-56-3 | 94   |
| 3         | n-Tetracosanol-1                    | 354    | C24H50O          | 000506-51-4  | 94   |
| 4         | Behenic alcohol                     | 326    | C22H46O          | 000661-19-8  | 94   |
| 5         | 3-Eicosene, (E)-                    | 280    | C20H40           | 074685-33-9  | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 2.93  | 23.8    | ng    | 1250390  | 1                     | 7.66  | 1051390 | 20.0 |
| 1-Heptacosanol       | 20.88 | 5.6     | ng    | 858240   | 5                     | 21.15 | 3052480 | 20.0 |