

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\  
 Data File : BP003140.D  
 Acq On : 27 Aug 2020 19:48  
 Operator : CG/JU  
 Sample : L3816-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ALMASI-3

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      | 1170384        | 1378756       | 15.11%          | 3.124%        |
| 2         | 5.269       | 399           | 405         | 423          | rBV      | 2029576        | 2994091       | 32.82%          | 6.783%        |
| 3         | 6.846       | 664           | 673         | 689          | rBV      | 1820456        | 2989607       | 32.77%          | 6.773%        |
| 4         | 7.663       | 805           | 812         | 821          | rBV      | 683764         | 1082233       | 11.86%          | 2.452%        |
| 5         | 8.804       | 998           | 1006        | 1028         | rBV      | 1242084        | 2108489       | 23.11%          | 4.777%        |
| 6         | 10.440      | 1275          | 1284        | 1302         | rBV      | 875296         | 1532568       | 16.80%          | 3.472%        |
| 7         | 12.922      | 1698          | 1706        | 1730         | rBV      | 3969661        | 6000489       | 65.78%          | 13.594%       |
| 8         | 13.763      | 1841          | 1849        | 1872         | rBV      | 330711         | 552961        | 6.06%           | 1.253%        |
| 9         | 14.304      | 1934          | 1941        | 1960         | rBV2     | 1342904        | 2134973       | 23.40%          | 4.837%        |
| 10        | 15.798      | 2187          | 2195        | 2226         | rBV      | 2650821        | 4170224       | 45.72%          | 9.448%        |
| 11        | 17.051      | 2402          | 2408        | 2420         | rBV      | 1709437        | 2556666       | 28.03%          | 5.792%        |
| 12        | 19.633      | 2841          | 2847        | 2861         | rBV      | 7051661        | 9122067       | 100.00%         | 20.666%       |
| 13        | 20.880      | 3055          | 3059        | 3075         | rBV      | 524192         | 769570        | 8.44%           | 1.743%        |
| 14        | 21.145      | 3099          | 3104        | 3116         | rBV      | 2461661        | 3177830       | 34.84%          | 7.199%        |
| 15        | 21.751      | 3204          | 3207        | 3217         | rBV4     | 54859          | 114485        | 1.26%           | 0.259%        |
| 16        | 23.380      | 3477          | 3484        | 3498         | rVB      | 1842090        | 3455443       | 37.88%          | 7.828%        |

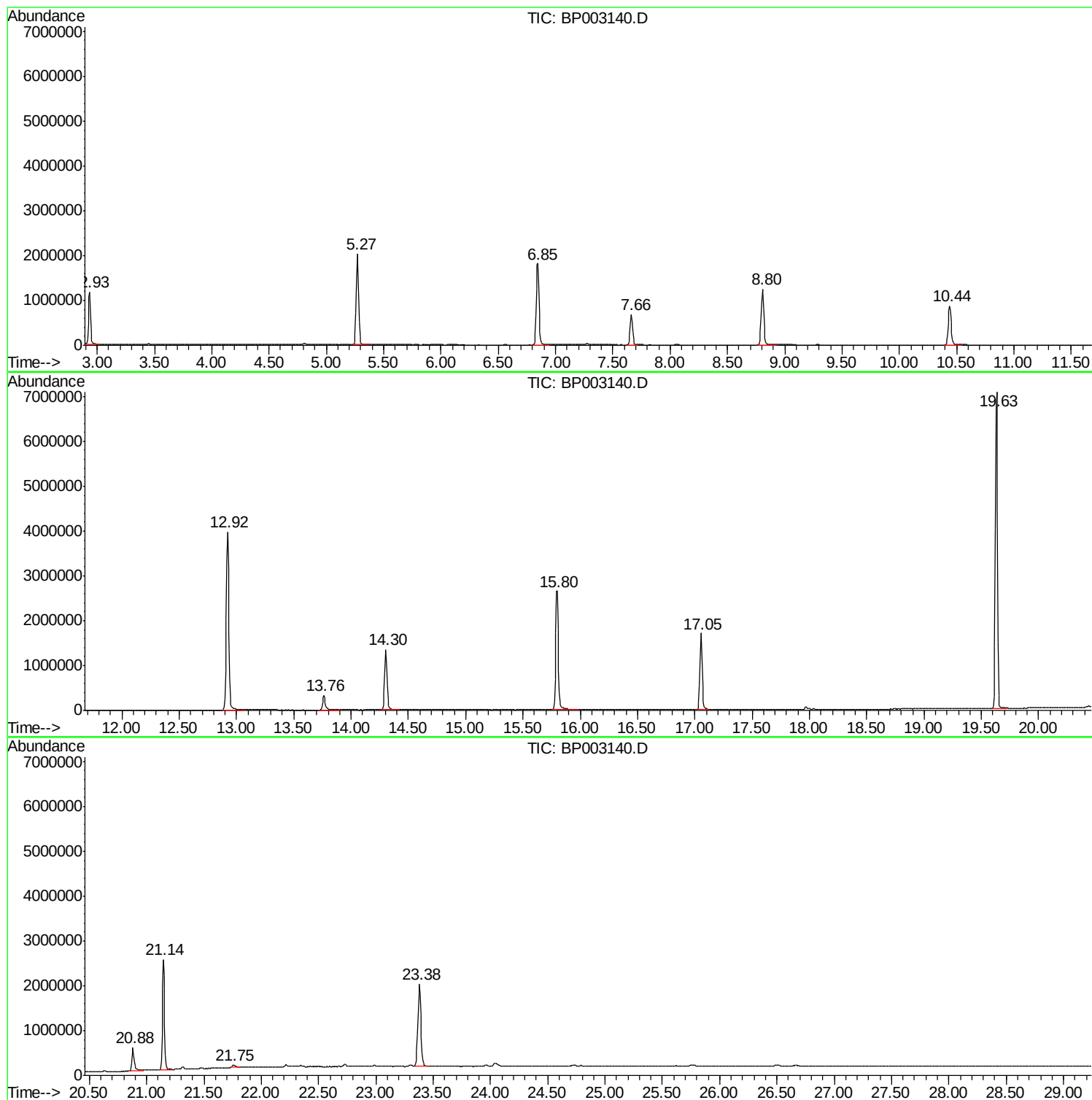
Sum of corrected areas: 44140452

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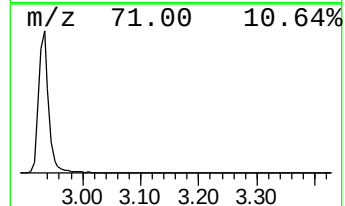
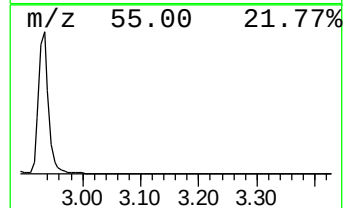
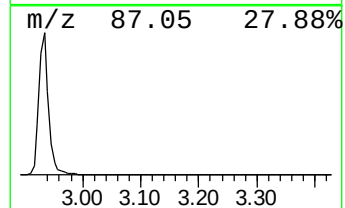
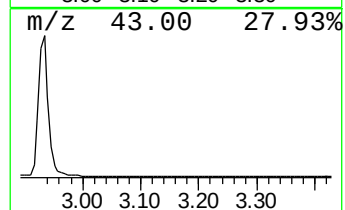
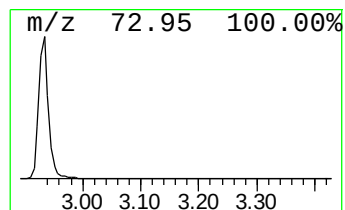
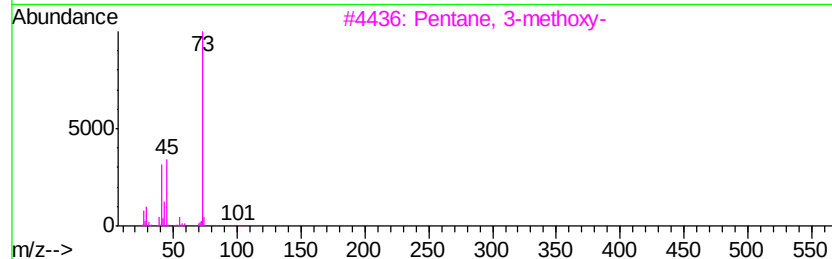
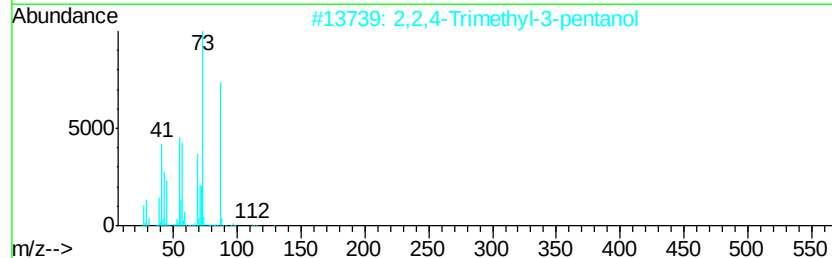
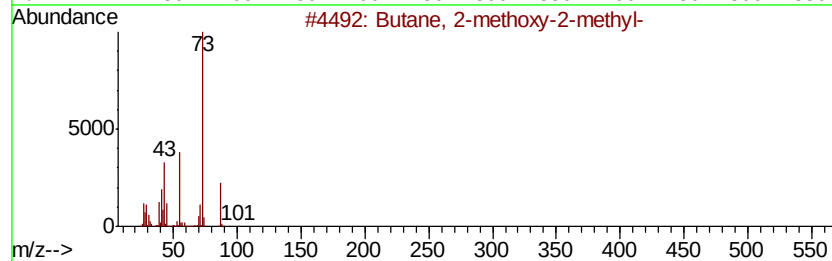
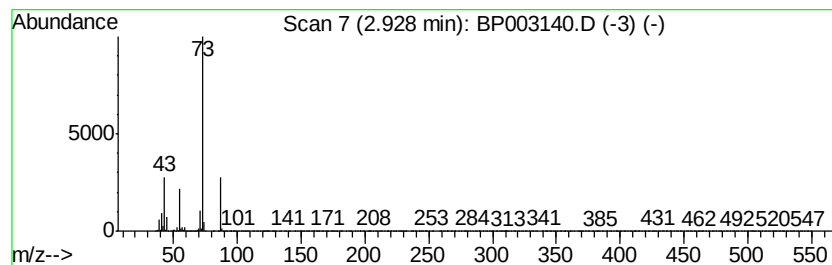
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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 | 25.48 ng | 1378760 | 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 | 17   |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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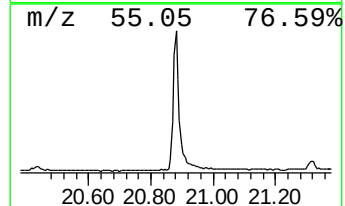
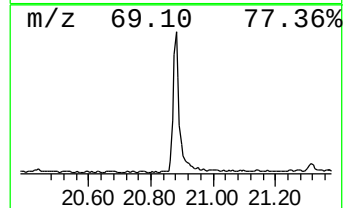
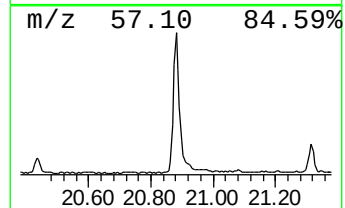
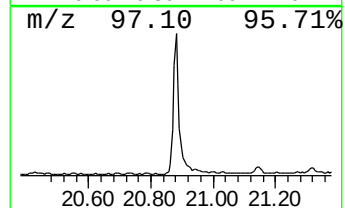
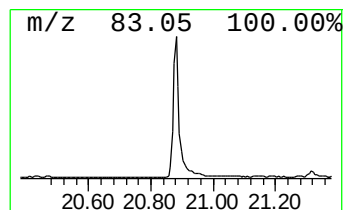
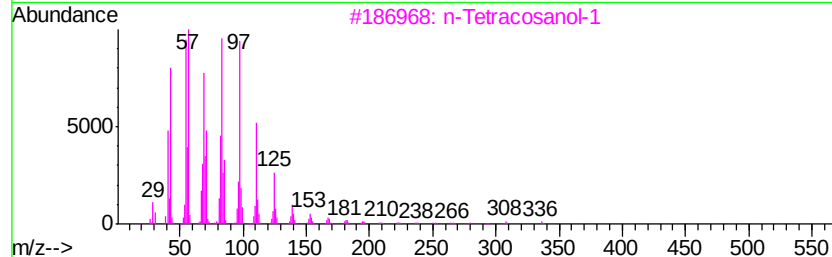
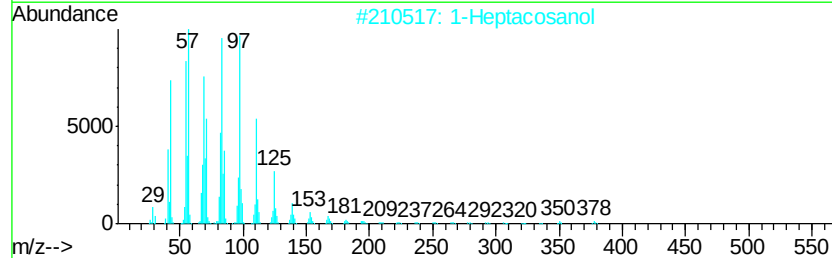
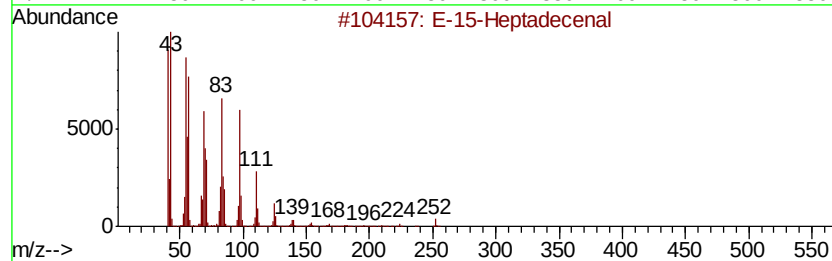
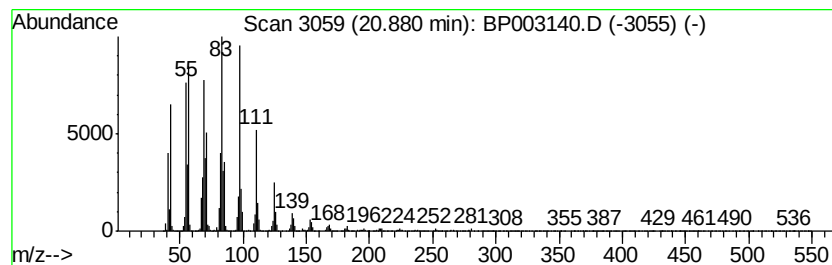
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Peak Number 2 E-15-Heptadecenal Concentration Rank 2

| R.T.      | EstConc           | Area   | Relative to ISTD |              | R.T.  |
|-----------|-------------------|--------|------------------|--------------|-------|
| 20.88     | 4.84 ng           | 769570 | Chrysene-d12     |              | 21.15 |
| Hit# of 5 | Tentative ID      | MW     | MolForm          | CAS#         | Qual  |
| 1         | E-15-Heptadecenal | 252    | C17H32O          | 1000130-97-9 | 96    |
| 2         | 1-Heptacosanol    | 396    | C27H56O          | 002004-39-9  | 95    |
| 3         | n-Tetracosanol-1  | 354    | C24H50O          | 000506-51-4  | 94    |
| 4         | Behenic alcohol   | 326    | C22H46O          | 000661-19-8  | 94    |
| 5         | n-Nonadecanol-1   | 284    | C19H40O          | 001454-84-8  | 94    |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 2.93  | 25.5    | ng    | 1378760  | 1                     | 7.66  | 1082230 | 20.0 |
| E-15-Heptadecenal    | 20.88 | 4.8     | ng    | 769570   | 5                     | 21.15 | 3177830 | 20.0 |