

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052024\  
 Data File : BF137962.D  
 Acq On : 20 May 2024 16:38  
 Operator : CG\JU  
 Sample : P2513-10  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-16

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\_F\Methods\8270-BF051424.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137962.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         | 2.175       | 8             | 15          | 23           | rVB      | 40178          | 91106         | 2.68%           | 0.358%        |
| 2         | 2.404       | 47            | 54          | 60           | rVB      | 1627034        | 2158719       | 63.47%          | 8.474%        |
| 3         | 3.675       | 268           | 270         | 282          | rBV      | 38116          | 70376         | 2.07%           | 0.276%        |
| 4         | 5.663       | 603           | 608         | 612          | rBV      | 2533170        | 2568197       | 75.51%          | 10.081%       |
| 5         | 6.651       | 771           | 776         | 779          | rBV      | 2400874        | 2591342       | 76.19%          | 10.172%       |
| 6         | 7.039       | 838           | 842         | 845          | rBV      | 1108766        | 826535        | 24.30%          | 3.244%        |
| 7         | 7.598       | 932           | 937         | 940          | rBV      | 1723233        | 1673974       | 49.22%          | 6.571%        |
| 8         | 7.839       | 975           | 978         | 983          | rBV      | 77003          | 58057         | 1.71%           | 0.228%        |
| 9         | 8.322       | 1056          | 1060        | 1063         | rBV      | 1426341        | 1125493       | 33.09%          | 4.418%        |
| 10        | 8.622       | 1108          | 1111        | 1121         | rBV      | 56105          | 68136         | 2.00%           | 0.267%        |
| 11        | 9.398       | 1239          | 1243        | 1246         | rBV      | 4238156        | 3401272       | 100.00%         | 13.351%       |
| 12        | 10.080      | 1356          | 1359        | 1363         | rBV      | 1630770        | 1336276       | 39.29%          | 5.245%        |
| 13        | 10.163      | 1369          | 1373        | 1377         | rBV2     | 58180          | 76917         | 2.26%           | 0.302%        |
| 14        | 10.874      | 1489          | 1494        | 1497         | rBV      | 2435043        | 2200879       | 64.71%          | 8.639%        |
| 15        | 11.574      | 1609          | 1613        | 1616         | rBV      | 1615034        | 1371881       | 40.33%          | 5.385%        |
| 16        | 11.598      | 1616          | 1617        | 1621         | rVB      | 116436         | 68292         | 2.01%           | 0.268%        |
| 17        | 12.080      | 1695          | 1699        | 1702         | rBV2     | 203653         | 181850        | 5.35%           | 0.714%        |
| 18        | 12.792      | 1815          | 1820        | 1824         | rBV      | 192905         | 162030        | 4.76%           | 0.636%        |
| 19        | 12.868      | 1829          | 1833        | 1839         | rBV6     | 34065          | 44911         | 1.32%           | 0.176%        |
| 20        | 13.021      | 1852          | 1859        | 1865         | rBV      | 150627         | 165980        | 4.88%           | 0.652%        |
| 21        | 13.163      | 1878          | 1883        | 1886         | rBV      | 3632494        | 3083715       | 90.66%          | 12.105%       |
| 22        | 14.080      | 2035          | 2039        | 2050         | rVB      | 20102          | 53667         | 1.58%           | 0.211%        |
| 23        | 14.221      | 2058          | 2063        | 2066         | rBV      | 923757         | 902529        | 26.54%          | 3.543%        |
| 24        | 14.245      | 2066          | 2067        | 2073         | rVB      | 58938          | 52778         | 1.55%           | 0.207%        |
| 25        | 15.309      | 2244          | 2248        | 2252         | rBV      | 41521          | 73500         | 2.16%           | 0.289%        |
| 26        | 15.645      | 2302          | 2305        | 2312         | rVB2     | 30159          | 43200         | 1.27%           | 0.170%        |
| 27        | 15.715      | 2312          | 2317        | 2323         | rBV      | 41330          | 58667         | 1.72%           | 0.230%        |
| 28        | 15.786      | 2323          | 2329        | 2340         | rVB      | 709769         | 965118        | 28.38%          | 3.788%        |

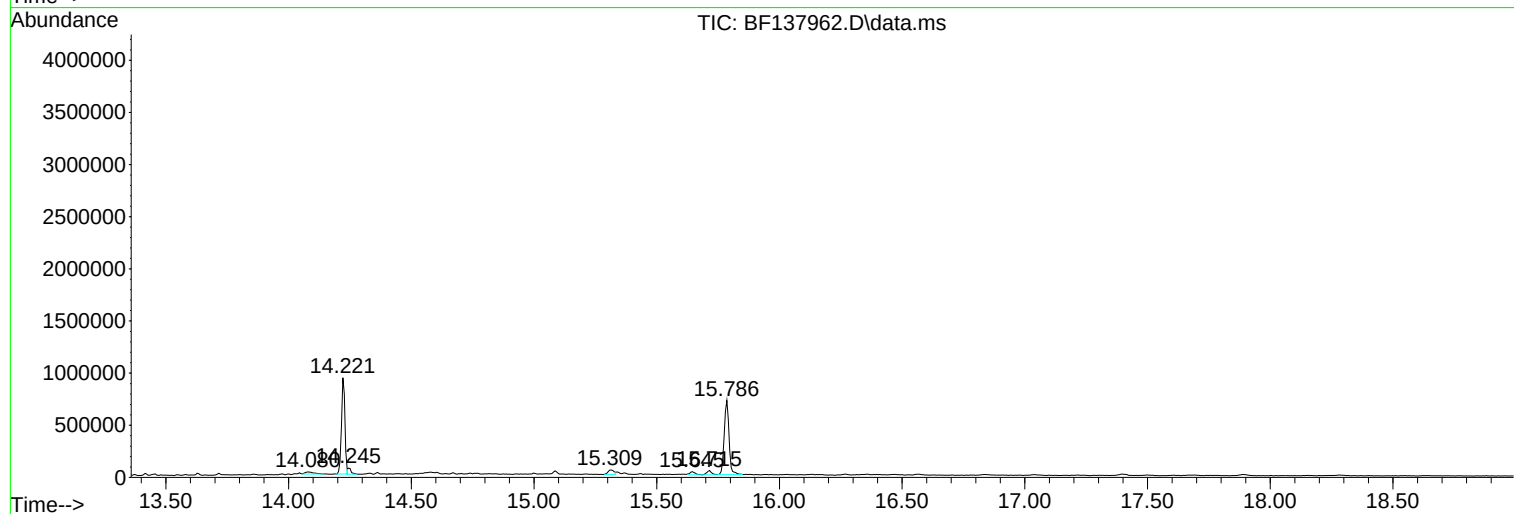
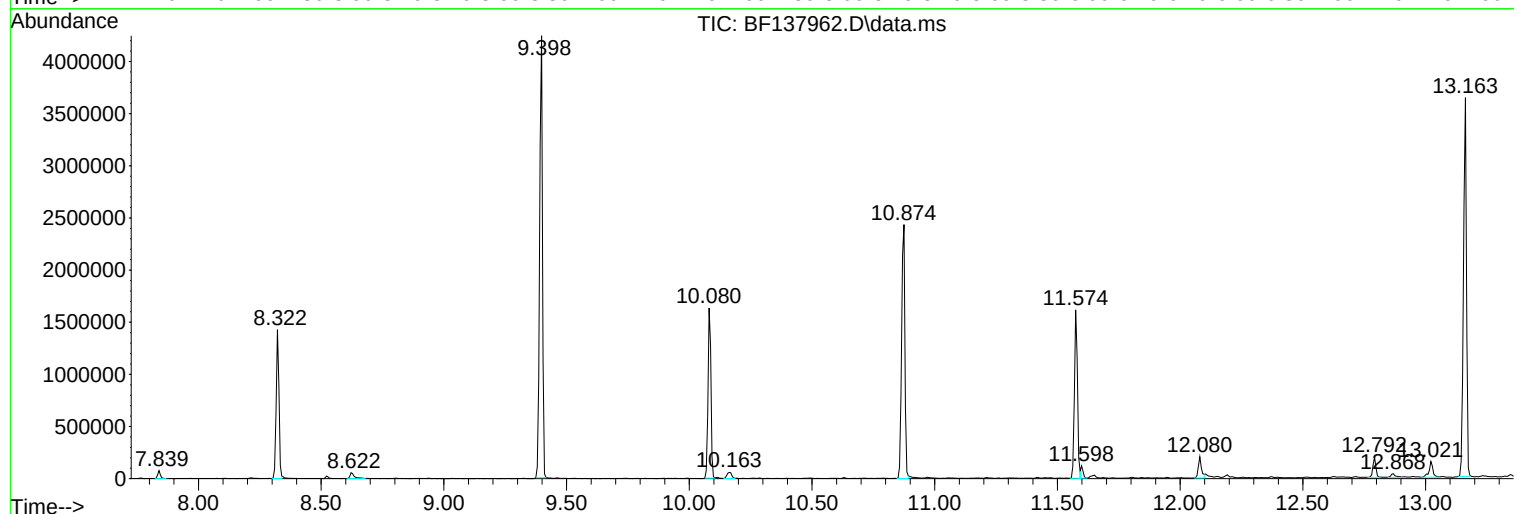
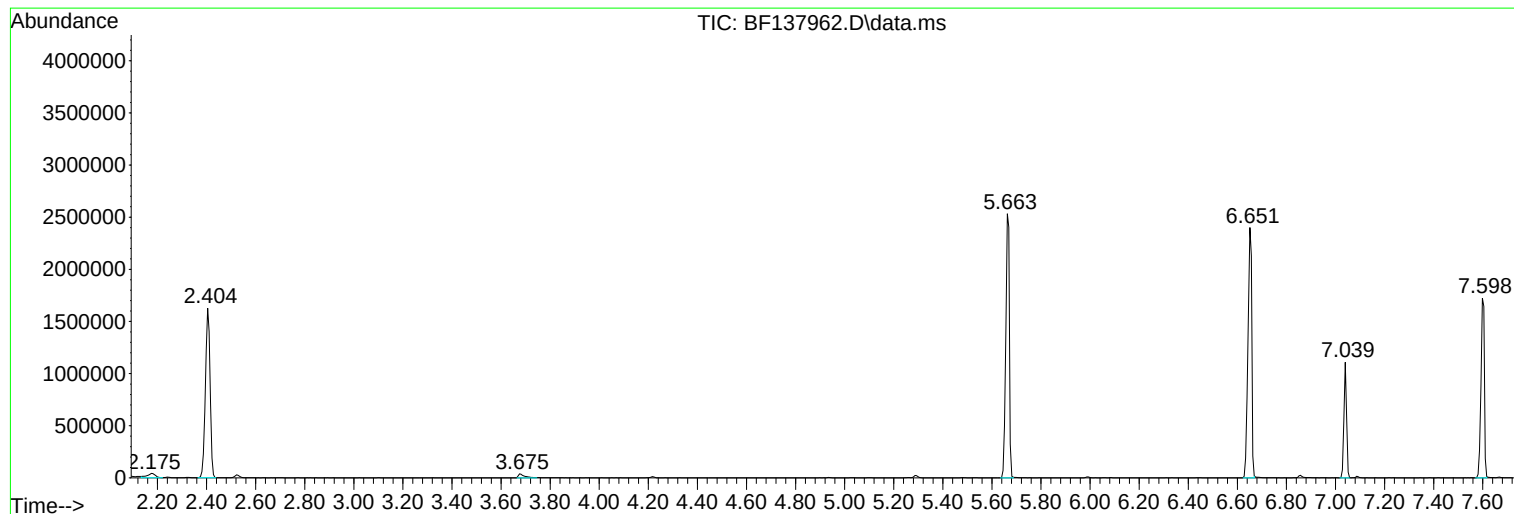
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.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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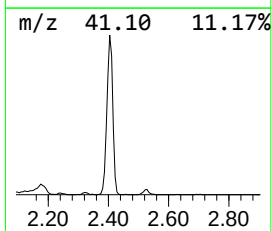
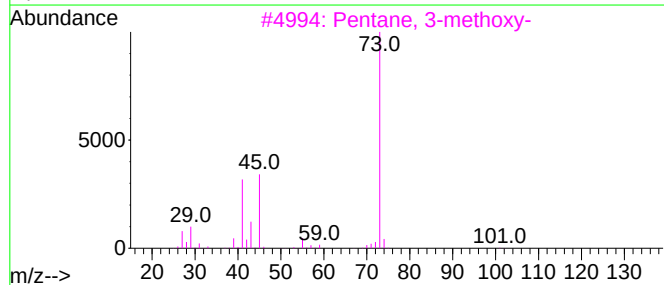
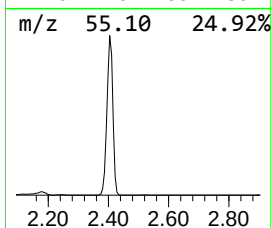
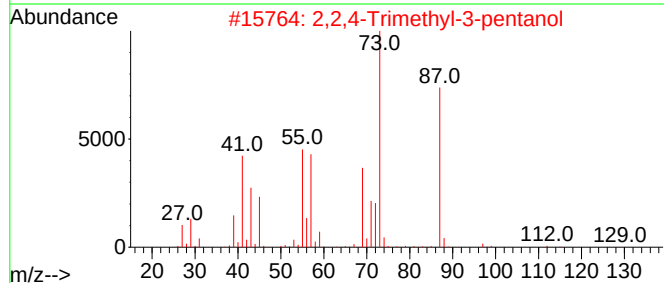
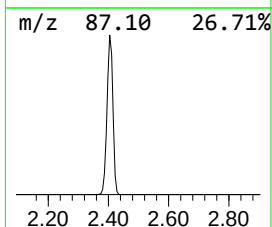
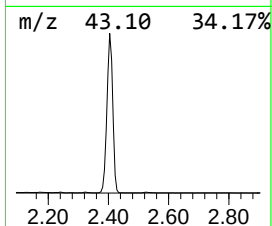
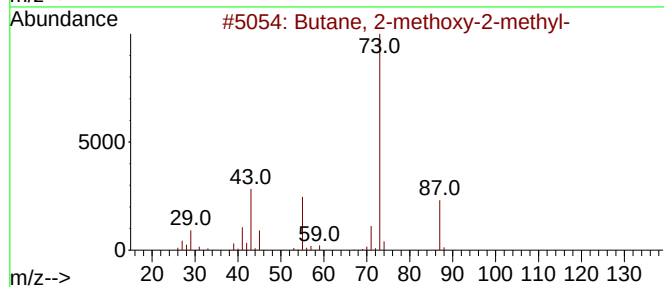
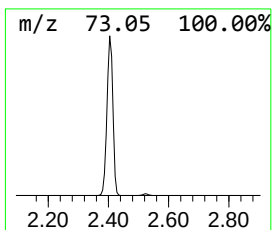
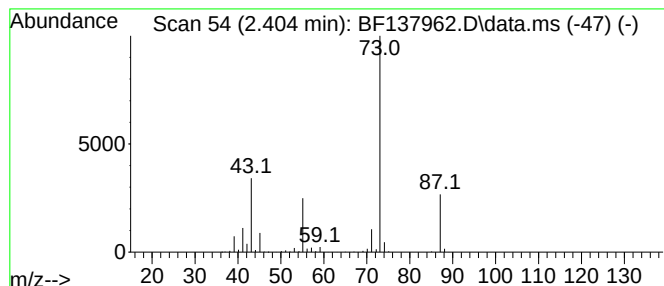
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.404 | 52.24 ng | 2158720 | 1,4-Dichlorobenzene-d4 | 7.039 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |      | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |      | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |      | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |      | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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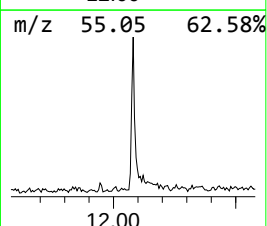
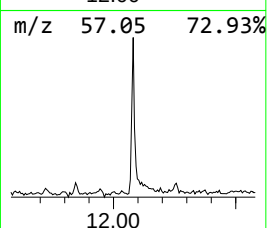
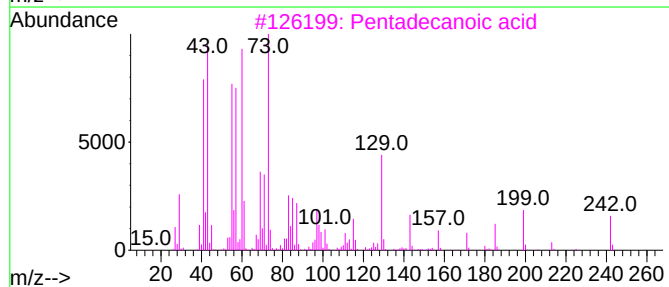
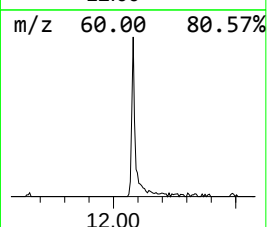
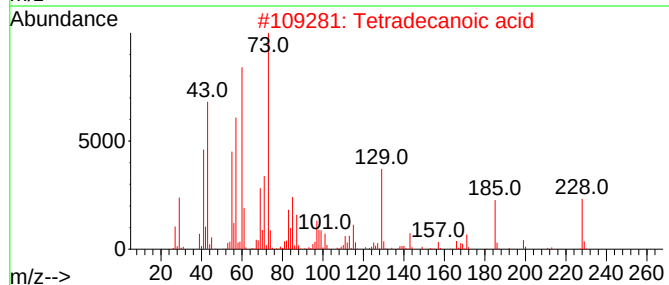
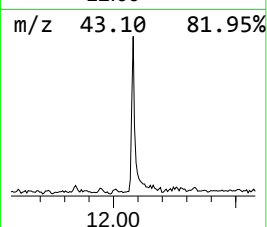
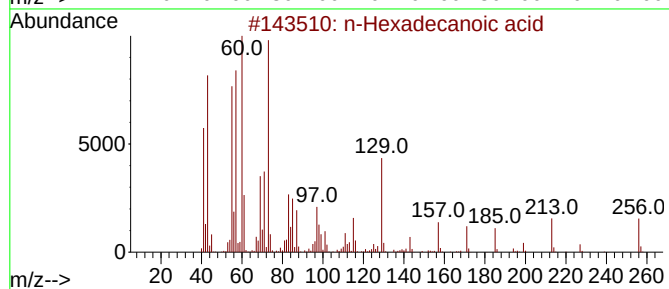
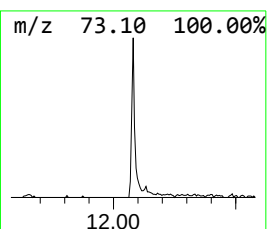
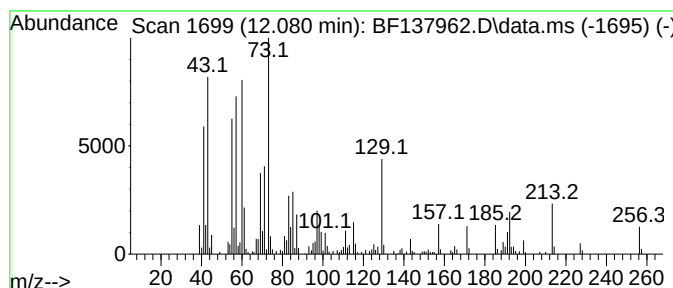
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 12.080    | 2.65 ng             | 181850 | Phenanthrene-d10 | 11.574      |      |
| 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 | 90   |
| 3         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 90   |
| 4         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 81   |
| 5         | n-Decanoic acid     | 172    | C10H20O2         | 000334-48-5 | 64   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.404  | 52.2    | ng    | 2158720  | 1                     | 7.039  | 826535  | 20.0 |
| n-Hexadecanoic ... | 12.080 | 2.6     | ng    | 181850   | 4                     | 11.574 | 1371880 | 20.0 |