

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012722\  
 Data File : BP008952.D  
 Acq On : 27 Jan 2022 18:37  
 Operator : CG/JU  
 Sample : N1272-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ETGI-348

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\_P\Methods\8270E-BP011422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008952.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         | 3.034       | 4             | 8           | 16           | rVB      | 378699         | 488178        | 4.48%           | 0.864%        |
| 2         | 5.417       | 406           | 413         | 429          | rBV      | 2907868        | 4550299       | 41.74%          | 8.050%        |
| 3         | 7.011       | 676           | 684         | 715          | rBV      | 2652060        | 4639194       | 42.56%          | 8.207%        |
| 4         | 7.828       | 814           | 823         | 833          | rBV      | 725702         | 1196921       | 10.98%          | 2.118%        |
| 5         | 8.987       | 1011          | 1020        | 1044         | rBV      | 1697607        | 3016166       | 27.67%          | 5.336%        |
| 6         | 10.628      | 1289          | 1299        | 1318         | rBV      | 856771         | 1562661       | 14.33%          | 2.765%        |
| 7         | 13.093      | 1710          | 1718        | 1742         | rBV      | 4835647        | 7344747       | 67.38%          | 12.994%       |
| 8         | 14.469      | 1942          | 1952        | 1971         | rBV      | 1326833        | 2067245       | 18.96%          | 3.657%        |
| 9         | 15.963      | 2199          | 2206        | 2226         | rBV      | 3629861        | 5754146       | 52.79%          | 10.180%       |
| 10        | 17.222      | 2414          | 2420        | 2426         | rBV      | 1551518        | 2478533       | 22.74%          | 4.385%        |
| 11        | 17.269      | 2426          | 2428        | 2432         | rVB      | 109864         | 127134        | 1.17%           | 0.225%        |
| 12        | 18.122      | 2566          | 2573        | 2581         | rBV2     | 287042         | 512151        | 4.70%           | 0.906%        |
| 13        | 19.239      | 2757          | 2763        | 2770         | rBV      | 567670         | 866794        | 7.95%           | 1.533%        |
| 14        | 19.357      | 2780          | 2783        | 2792         | rVB2     | 113618         | 182914        | 1.68%           | 0.324%        |
| 15        | 19.592      | 2815          | 2823        | 2832         | rVB      | 445982         | 686828        | 6.30%           | 1.215%        |
| 16        | 19.786      | 2851          | 2856        | 2862         | rBV      | 8975803        | 10901035      | 100.00%         | 19.285%       |
| 17        | 21.033      | 3065          | 3068        | 3075         | rBV3     | 382092         | 569473        | 5.22%           | 1.007%        |
| 18        | 21.227      | 3097          | 3101        | 3107         | rBV      | 1398318        | 1528836       | 14.02%          | 2.705%        |
| 19        | 21.316      | 3110          | 3116        | 3120         | rBV2     | 2385318        | 3587616       | 32.91%          | 6.347%        |
| 20        | 22.992      | 3396          | 3401        | 3406         | rBV2     | 748018         | 1353721       | 12.42%          | 2.395%        |
| 21        | 23.727      | 3520          | 3526        | 3534         | rVB2     | 1509250        | 3109978       | 28.53%          | 5.502%        |

Sum of corrected areas: 56524570



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ETGI-348

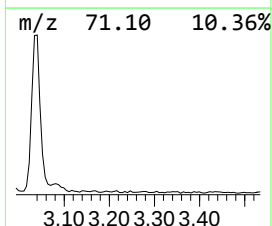
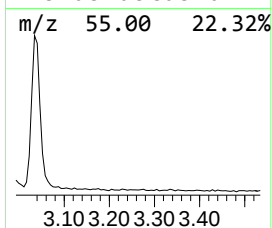
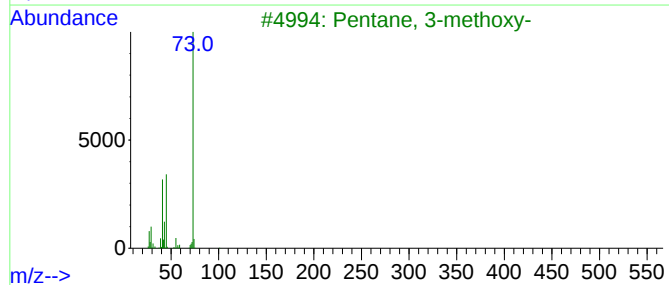
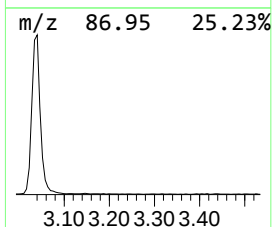
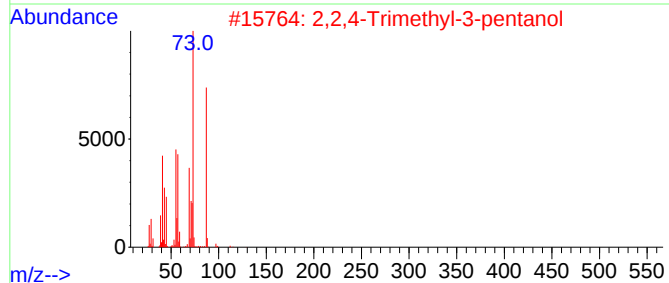
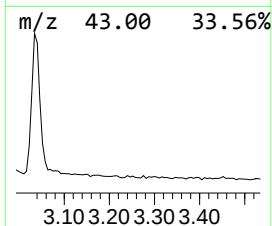
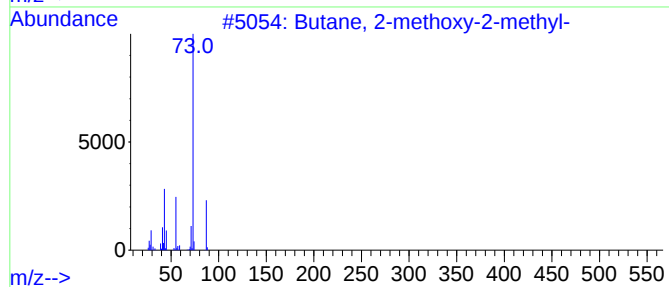
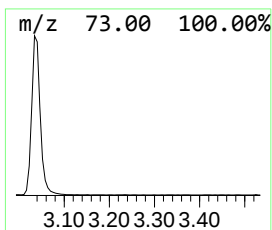
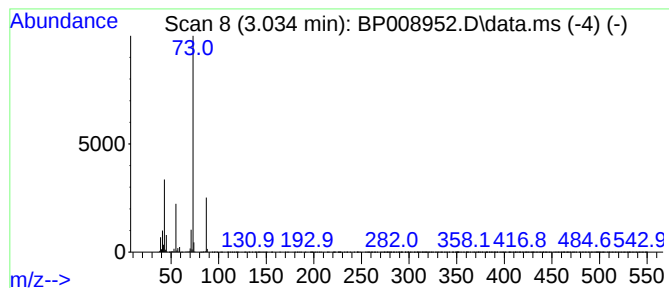
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.034 | 8.16 ng | 488178 | 1,4-Dichlorobenzene-d4 | 7.828 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 86   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 56   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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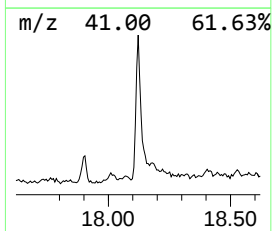
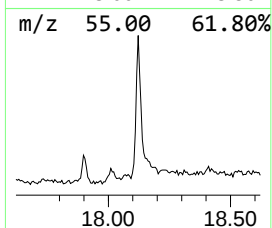
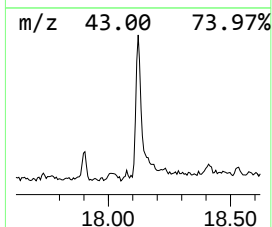
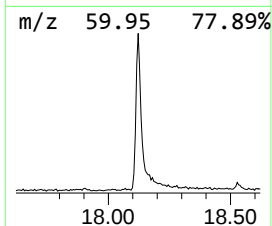
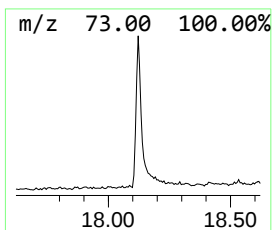
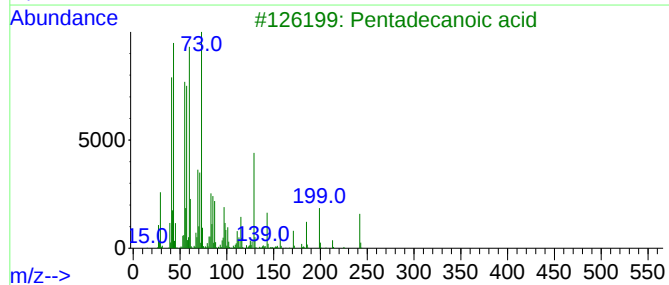
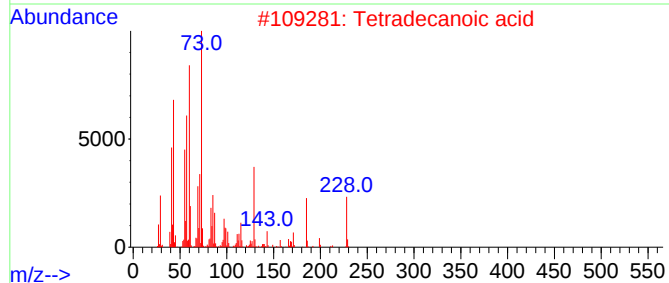
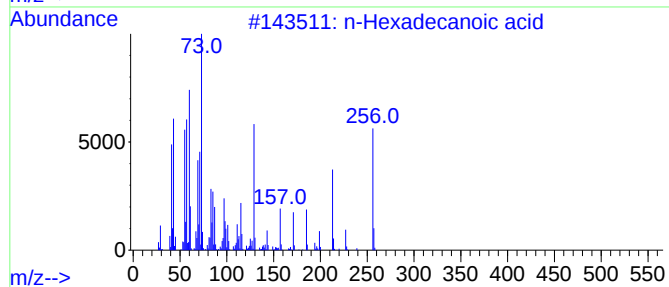
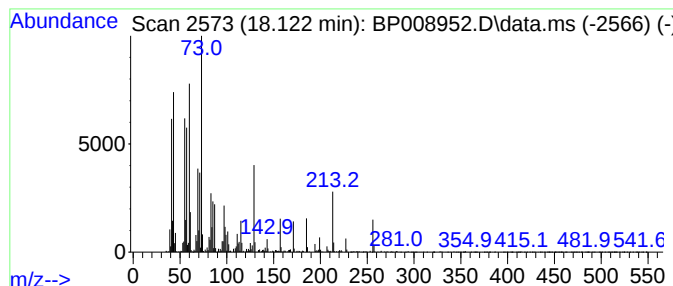
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.122 | 4.13 ng | 512151 | Phenanthrene-d10 | 17.222 |

| 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 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |
| 5    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 76   |



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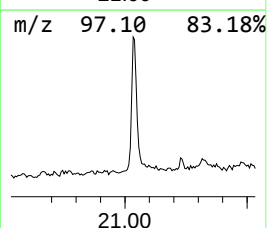
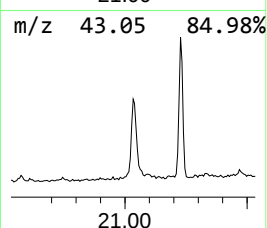
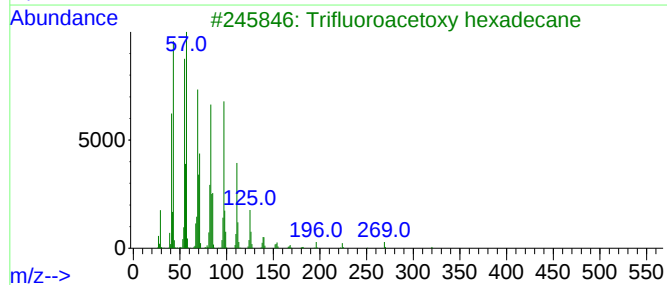
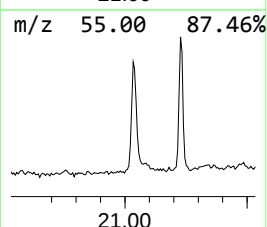
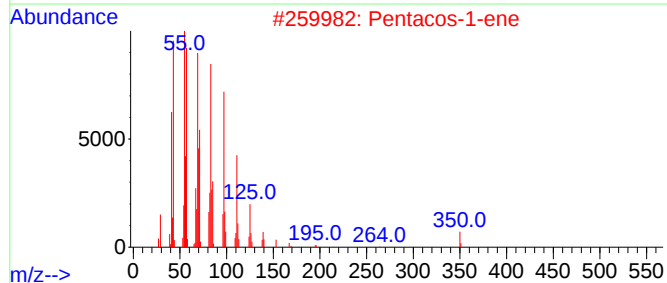
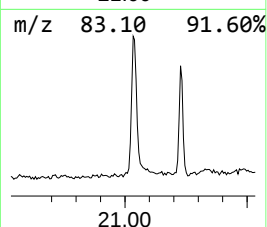
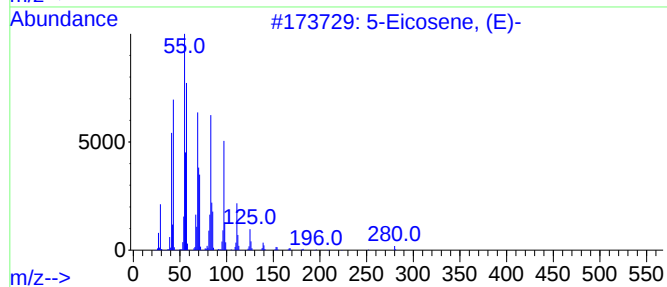
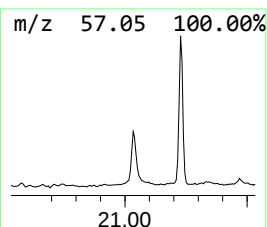
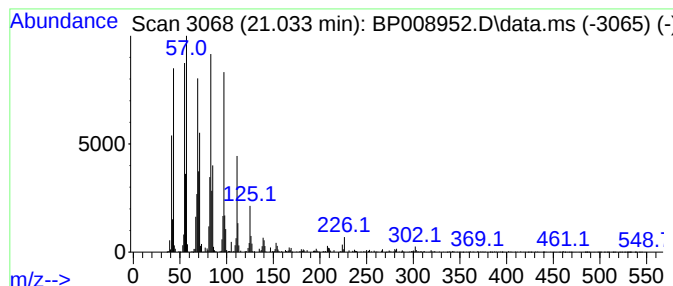
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.033 | 3.17 ng | 569473 | Chrysene-d12     | 21.316 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm    | CAS#        | Qual |
|------|------|-----------------------------|-----|------------|-------------|------|
| 1    |      | 5-Eicosene, (E)-            | 280 | C20H40     | 074685-30-6 | 97   |
| 2    |      | Pentacos-1-ene              | 350 | C25H50     | 016980-85-1 | 95   |
| 3    |      | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94   |
| 4    |      | 1-Tetracosene               | 336 | C24H48     | 010192-32-2 | 93   |
| 5    |      | Cyclopentadecane            | 210 | C15H30     | 000295-48-7 | 93   |



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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.034  | 8.2     | ng    | 488178   | 1                     | 7.828  | 1196920 | 20.0 |
| n-Hexadecanoic ... | 18.122 | 4.1     | ng    | 512151   | 4                     | 17.222 | 2478530 | 20.0 |
| 5-Eicosene, (E)-   | 21.033 | 3.2     | ng    | 569473   | 5                     | 21.316 | 3587620 | 20.0 |