

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP013023\  
 Data File : BP013667.D  
 Acq On : 31 Jan 2023 03:43  
 Operator : CG/JU  
 Sample : 01328-21  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-5-BORING-2-0-7

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-BP012623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013667.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         | 3.210       | 3             | 4           | 10           | rVB      | 1142783        | 982358        | 10.78%          | 1.681%        |
| 2         | 5.204       | 337           | 343         | 354          | rBV      | 1177133        | 1638088       | 17.97%          | 2.803%        |
| 3         | 5.675       | 416           | 423         | 438          | rBV      | 2895546        | 4258234       | 46.72%          | 7.287%        |
| 4         | 7.287       | 688           | 697         | 714          | rBV      | 2767883        | 4509666       | 49.48%          | 7.717%        |
| 5         | 8.146       | 833           | 843         | 849          | rBV      | 821075         | 1308932       | 14.36%          | 2.240%        |
| 6         | 9.316       | 1034          | 1042        | 1055         | rBV      | 1516843        | 2338825       | 25.66%          | 4.002%        |
| 7         | 10.975      | 1313          | 1324        | 1333         | rBV      | 1048019        | 1803077       | 19.78%          | 3.085%        |
| 8         | 13.404      | 1730          | 1737        | 1744         | rBV      | 4327725        | 6264232       | 68.73%          | 10.720%       |
| 9         | 14.780      | 1964          | 1971        | 1978         | rBV      | 1692947        | 2545073       | 27.92%          | 4.355%        |
| 10        | 16.133      | 2196          | 2201        | 2206         | rBV      | 104059         | 146702        | 1.61%           | 0.251%        |
| 11        | 16.263      | 2217          | 2223        | 2238         | rBV      | 3805329        | 5456430       | 59.87%          | 9.337%        |
| 12        | 17.533      | 2433          | 2439        | 2444         | rBV      | 2242900        | 3218687       | 35.31%          | 5.508%        |
| 13        | 17.574      | 2444          | 2446        | 2454         | rVV      | 95165          | 126045        | 1.38%           | 0.216%        |
| 14        | 18.386      | 2579          | 2584        | 2589         | rBV      | 361873         | 520048        | 5.71%           | 0.890%        |
| 15        | 19.521      | 2774          | 2777        | 2782         | rVB      | 231668         | 278604        | 3.06%           | 0.477%        |
| 16        | 19.610      | 2788          | 2792        | 2796         | rBV2     | 137481         | 190007        | 2.08%           | 0.325%        |
| 17        | 19.874      | 2834          | 2837        | 2842         | rVB2     | 202491         | 248087        | 2.72%           | 0.425%        |
| 18        | 20.063      | 2864          | 2869        | 2874         | rVB      | 7650877        | 9114452       | 100.00%         | 15.597%       |
| 19        | 21.280      | 3073          | 3076        | 3081         | rBV      | 400019         | 481732        | 5.29%           | 0.824%        |
| 20        | 21.610      | 3127          | 3132        | 3137         | rBV      | 2602247        | 3434945       | 37.69%          | 5.878%        |
| 21        | 21.727      | 3148          | 3152        | 3171         | rBV      | 2805653        | 5903508       | 64.77%          | 10.102%       |
| 22        | 24.192      | 3565          | 3571        | 3578         | rVB2     | 1688546        | 3669979       | 40.27%          | 6.280%        |

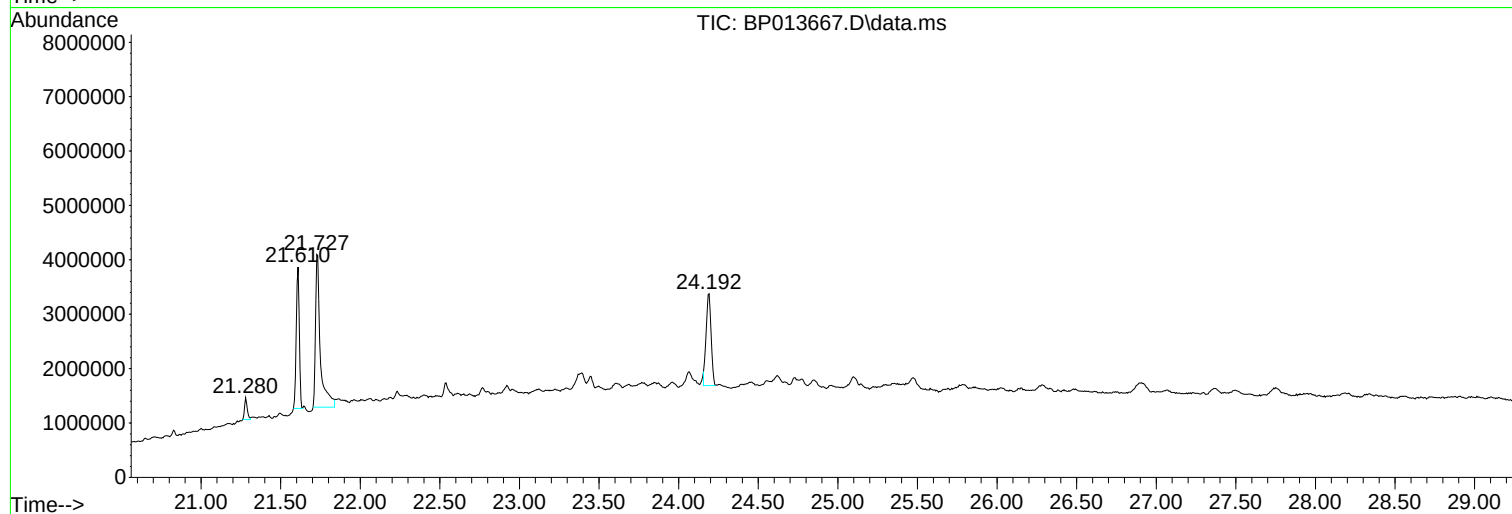
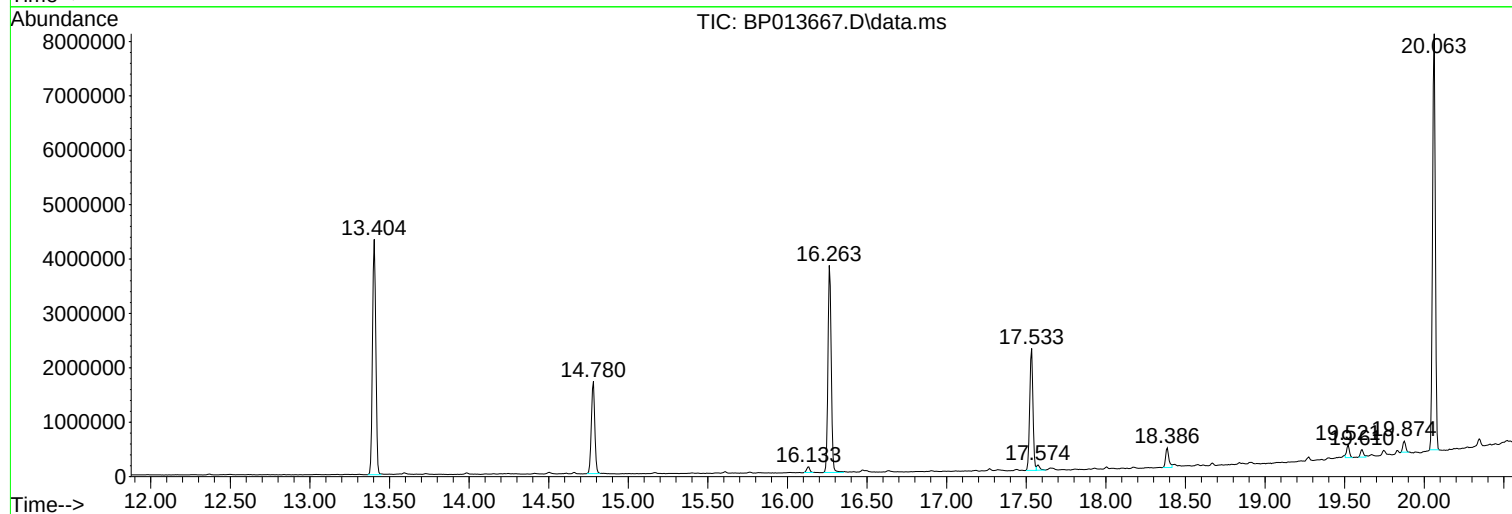
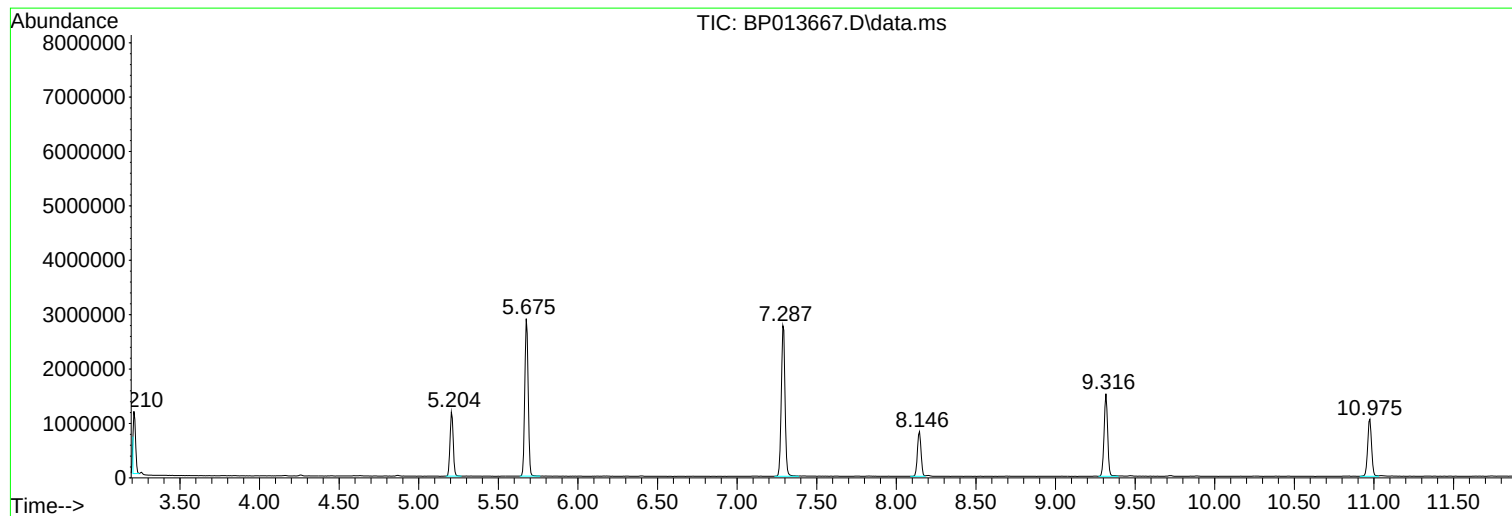
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Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-5-BORING-2-0-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.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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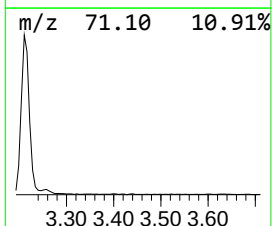
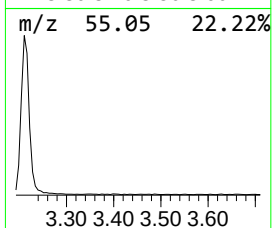
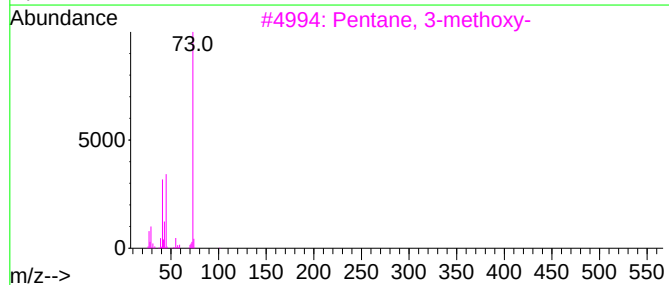
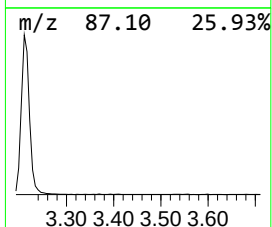
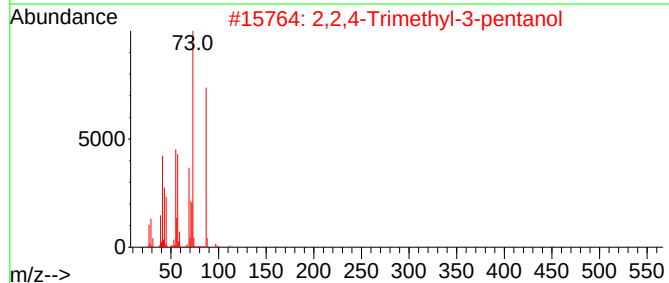
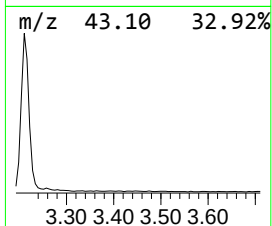
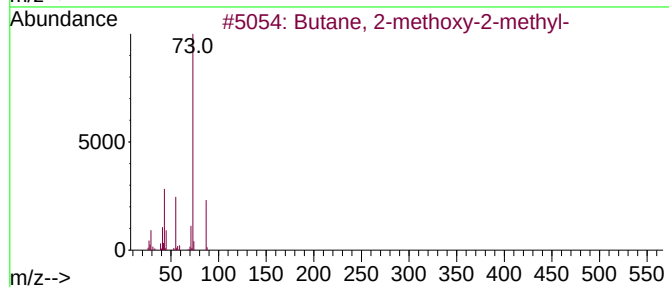
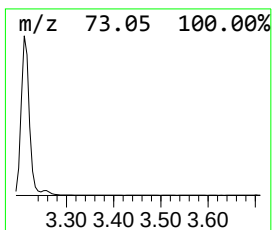
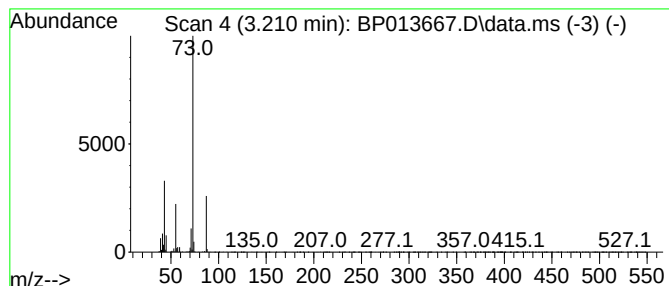
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 3

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.210 | 15.01 ng | 982358 | 1,4-Dichlorobenzene-d4 | 8.146 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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BNA\_P  
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COMP-5-BORING-2-0-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

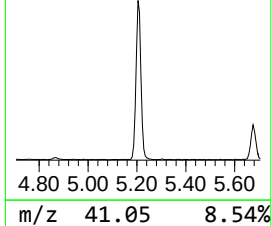
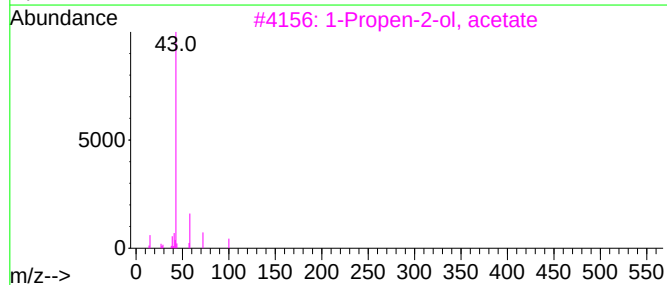
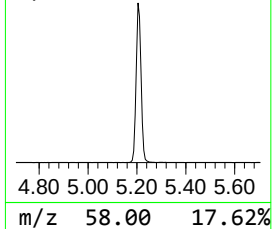
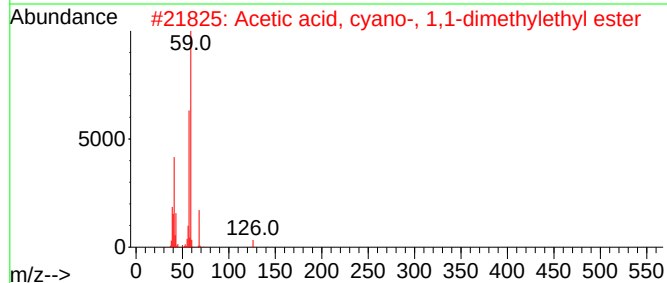
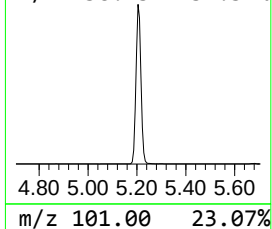
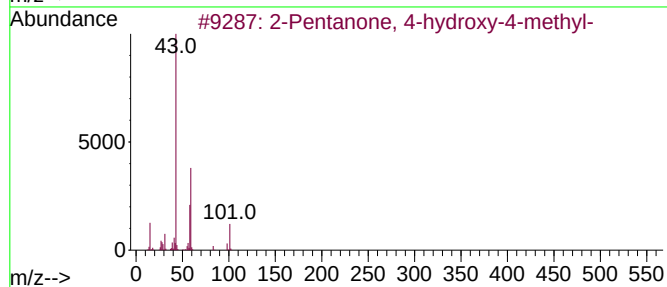
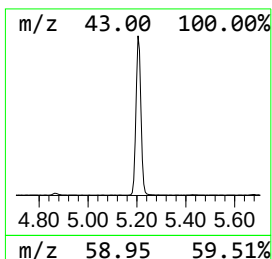
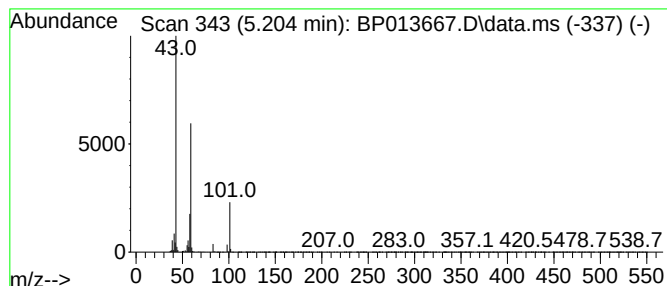
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.204 | 25.03 ng | 1638090 | 1,4-Dichlorobenzene-d4 | 8.146 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |
| 4    |    |   | Acetone                             | 58  | C3H6O    | 000067-64-1 | 9    |
| 5    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |



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Sample : 01328-21  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-5-BORING-2-0-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

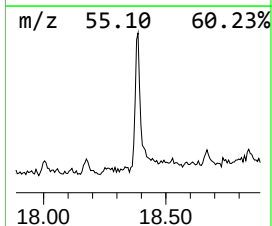
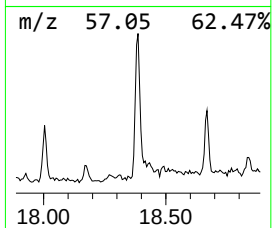
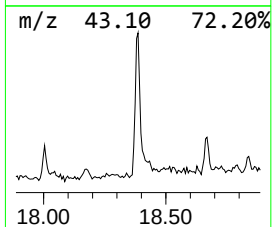
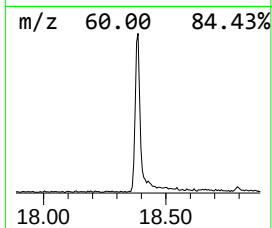
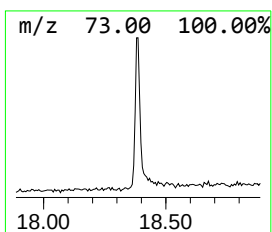
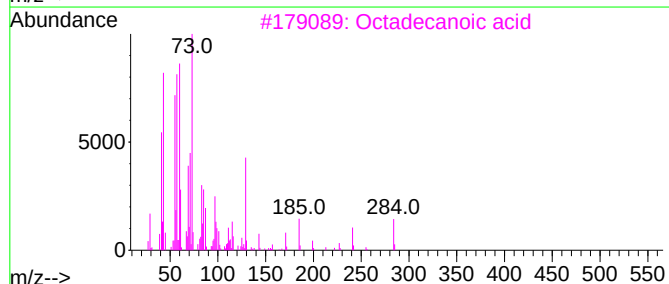
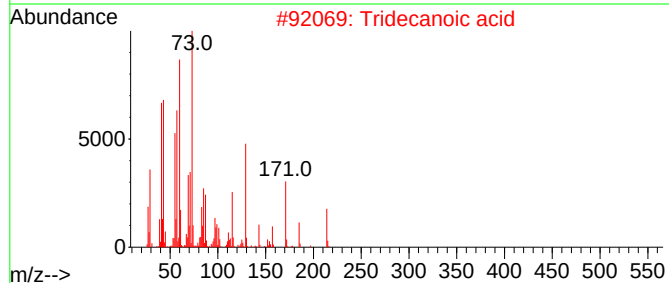
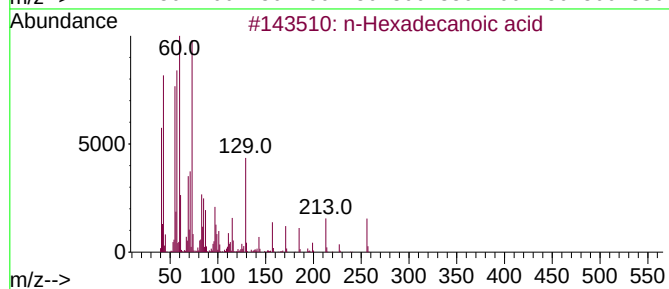
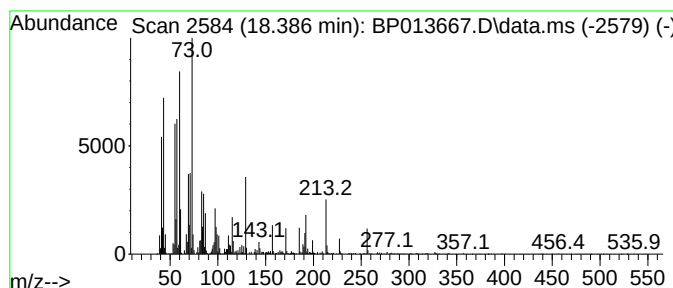
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.386 | 3.23 ng | 520048 | Phenanthrene-d10 | 17.533 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 96   |
| 3    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 70   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 70   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 64   |



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Instrument :  
BNA\_P  
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COMP-5-BORING-2-0-7

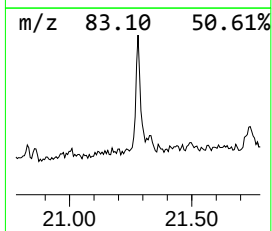
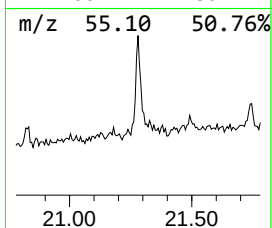
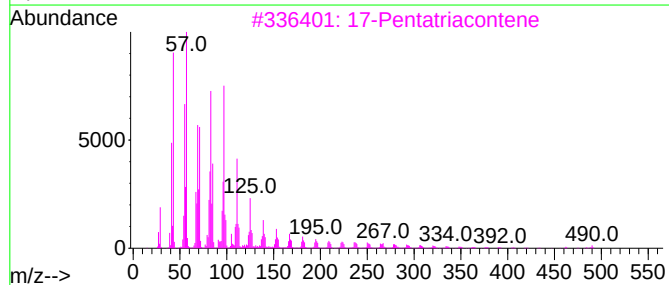
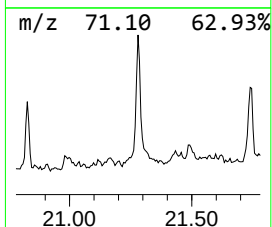
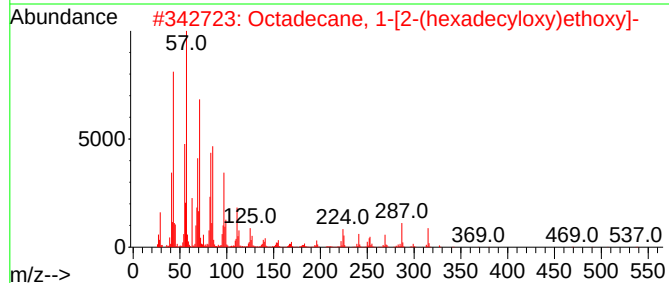
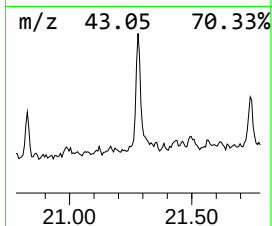
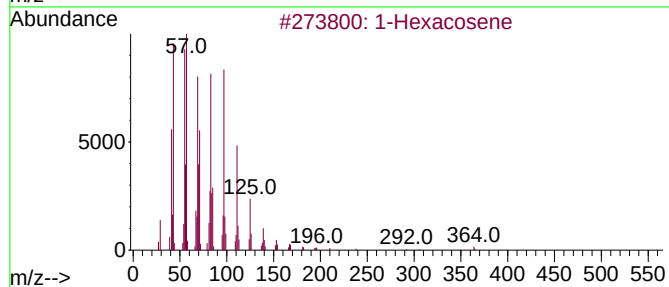
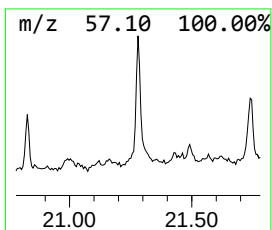
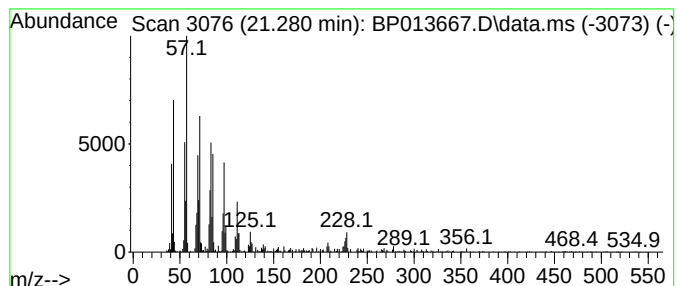
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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Peak Number 4 1-Hexacosene Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 21.280    | 2.80 ng                             | 481732 | Chrysene-d12     | 21.610      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Hexacosene                        | 364    | C26H52           | 018835-33-1 | 96   |
| 2         | Octadecane, 1-[2-(hexadecyloxy)e... | 539    | C36H74O2         | 017367-10-1 | 91   |
| 3         | 17-Pentatriacontene                 | 491    | C35H70           | 006971-40-0 | 81   |
| 4         | Hexadecane                          | 226    | C16H34           | 000544-76-3 | 80   |
| 5         | 1-Docosene                          | 308    | C22H44           | 001599-67-3 | 64   |



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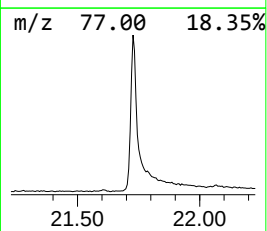
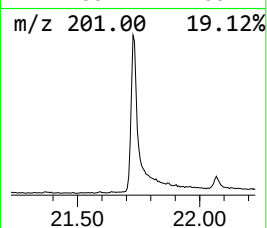
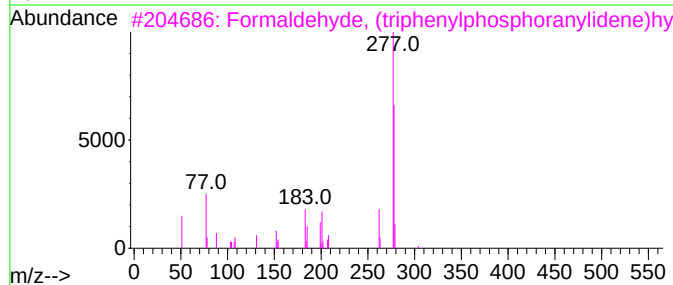
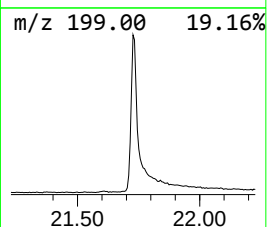
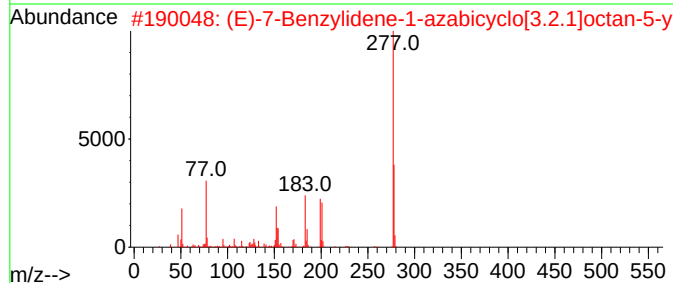
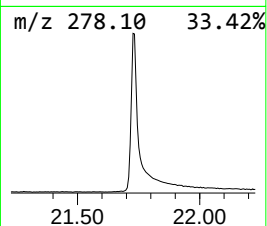
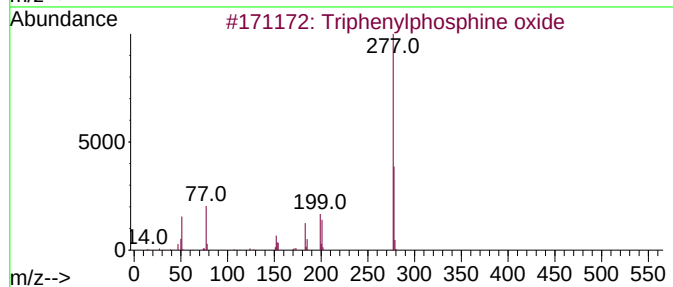
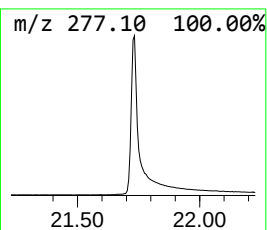
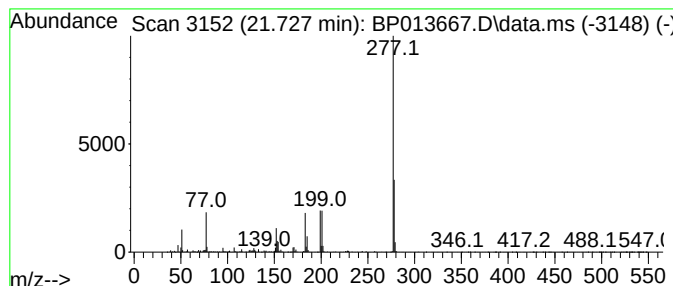
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 21.727 | 34.37 ng | 5903510 | Chrysene-d12     | 21.610 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 94   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S | 1000483-83-4 | 91   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P  | 015990-54-2  | 37   |
| 4    |    |   | 5-Methyl-8-phenylfuro[3',2':5,6]...  | 277 | C16H11N3O2 | 1000460-07-9 | 25   |
| 5    |    |   | 5-quinolinol, 8-[2-(3,5-dimethyl...  | 277 | C17H15N3O  | 1000397-10-2 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP013023\  
Data File : BP013667.D  
Acq On : 31 Jan 2023 03:43  
Operator : CG/JU  
Sample : 01328-21  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COMP-5-BORING-2-0-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.210  | 15.0    | ng    | 982358   | 1                     | 8.146  | 1308930 | 20.0 |
| 2-Pentanone, 4-... | 5.204  | 25.0    | ng    | 1638090  | 1                     | 8.146  | 1308930 | 20.0 |
| n-Hexadecanoic ... | 18.386 | 3.2     | ng    | 520048   | 4                     | 17.533 | 3218690 | 20.0 |
| 1-Hexacosene       | 21.280 | 2.8     | ng    | 481732   | 5                     | 21.610 | 3434950 | 20.0 |
| Triphenylphosph... | 21.727 | 34.4    | ng    | 5903510  | 5                     | 21.610 | 3434950 | 20.0 |