

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022423\  
 Data File : BP013890.D  
 Acq On : 24 Feb 2023 17:57  
 Operator : CG/JU  
 Sample : 01657-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EB-2023-2-22

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-BP021623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013890.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         | 5.169       | 330           | 337         | 344          | rBV      | 306761         | 443393        | 4.80%           | 1.248%        |
| 2         | 5.634       | 410           | 416         | 426          | rBV      | 914077         | 1368449       | 14.80%          | 3.850%        |
| 3         | 7.246       | 684           | 690         | 705          | rVB      | 505660         | 806506        | 8.72%           | 2.269%        |
| 4         | 8.099       | 828           | 835         | 842          | rBV      | 388962         | 603421        | 6.53%           | 1.698%        |
| 5         | 9.275       | 1026          | 1035        | 1047         | rBV      | 1343817        | 2245187       | 24.28%          | 6.317%        |
| 6         | 10.757      | 1281          | 1287        | 1293         | rBV      | 144036         | 210724        | 2.28%           | 0.593%        |
| 7         | 10.928      | 1305          | 1316        | 1325         | rBV      | 442846         | 778329        | 8.42%           | 2.190%        |
| 8         | 11.281      | 1369          | 1376        | 1390         | rBV2     | 52635          | 118866        | 1.29%           | 0.334%        |
| 9         | 13.257      | 1705          | 1712        | 1719         | rVB      | 121575         | 167590        | 1.81%           | 0.472%        |
| 10        | 13.363      | 1722          | 1730        | 1740         | rBV      | 3707693        | 5470516       | 59.16%          | 15.393%       |
| 11        | 13.457      | 1741          | 1746        | 1752         | rVB      | 197745         | 263792        | 2.85%           | 0.742%        |
| 12        | 13.622      | 1766          | 1774        | 1782         | rVB      | 112866         | 178459        | 1.93%           | 0.502%        |
| 13        | 14.728      | 1953          | 1962        | 1973         | rBV2     | 1136482        | 2163252       | 23.39%          | 6.087%        |
| 14        | 15.498      | 2089          | 2093        | 2100         | rVB      | 148950         | 182244        | 1.97%           | 0.513%        |
| 15        | 16.228      | 2208          | 2217        | 2234         | rBV      | 3348206        | 4914931       | 53.15%          | 13.829%       |
| 16        | 17.175      | 2374          | 2378        | 2384         | rVB      | 91396          | 108539        | 1.17%           | 0.305%        |
| 17        | 17.492      | 2425          | 2432        | 2442         | rBV      | 986762         | 1442294       | 15.60%          | 4.058%        |
| 18        | 18.133      | 2537          | 2541        | 2547         | rVB2     | 83004          | 105590        | 1.14%           | 0.297%        |
| 19        | 18.345      | 2571          | 2577        | 2586         | rBV      | 305638         | 483517        | 5.23%           | 1.361%        |
| 20        | 19.569      | 2780          | 2785        | 2797         | rBV2     | 180115         | 310224        | 3.35%           | 0.873%        |
| 21        | 20.022      | 2857          | 2862        | 2870         | rBV      | 7863705        | 9246726       | 100.00%         | 26.018%       |
| 22        | 21.563      | 3119          | 3124        | 3134         | rBV2     | 1373123        | 1948191       | 21.07%          | 5.482%        |
| 23        | 24.110      | 3551          | 3557        | 3568         | rVB2     | 937109         | 1978814       | 21.40%          | 5.568%        |

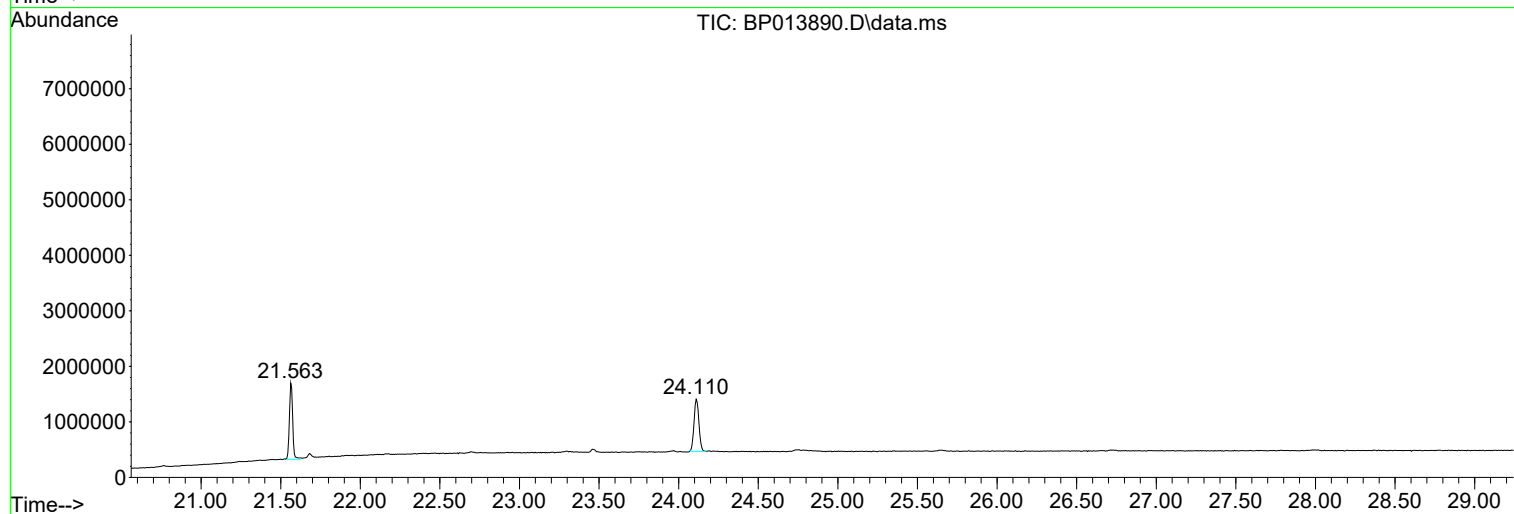
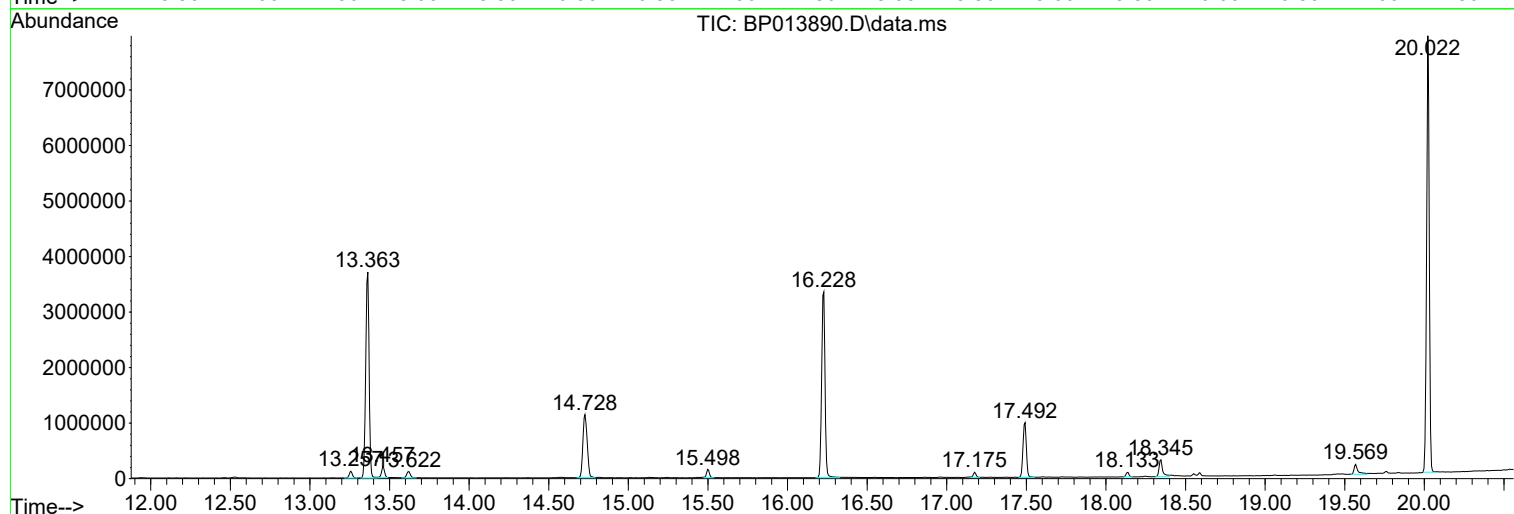
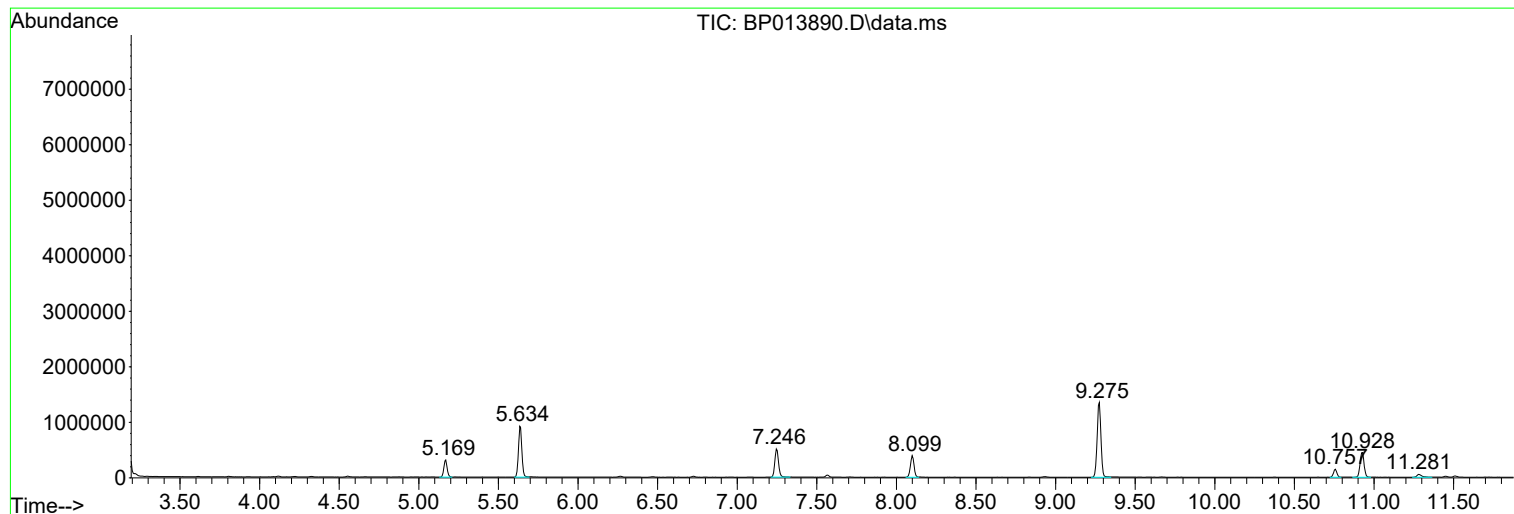
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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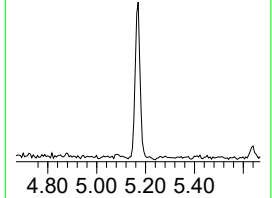
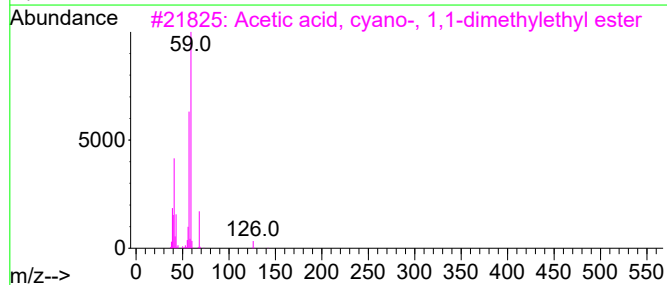
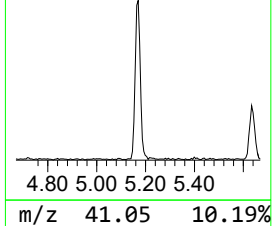
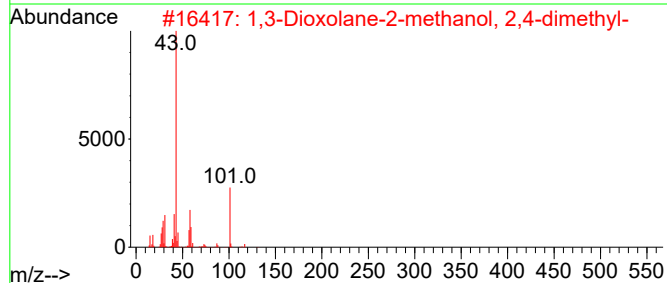
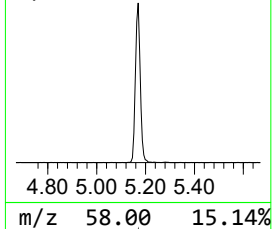
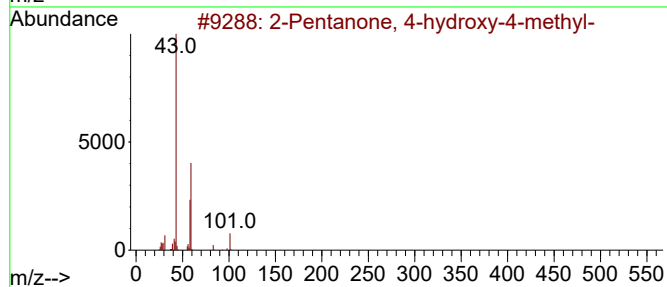
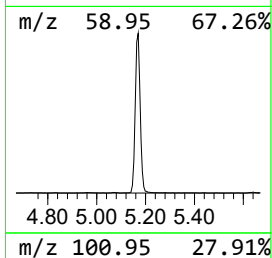
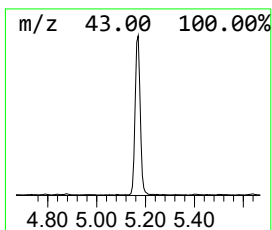
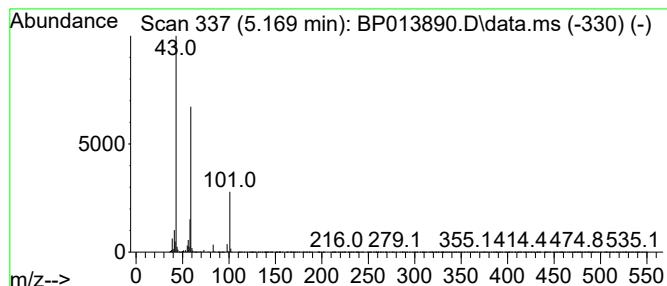
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.169 | 14.70 ng | 443393 | 1,4-Dichlorobenzene-d4 | 8.099 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 64      |      |      |
| 2    | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3      | 053951-43-2 | 25      |      |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 4    | 1,2-Butanediol                      | 90  | C4H10O2      | 000584-03-2 | 17      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |



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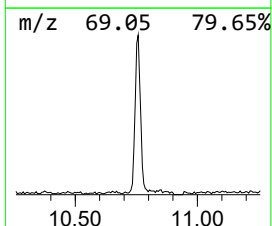
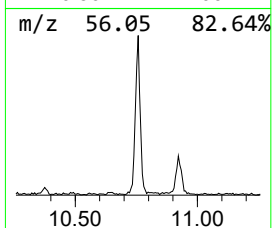
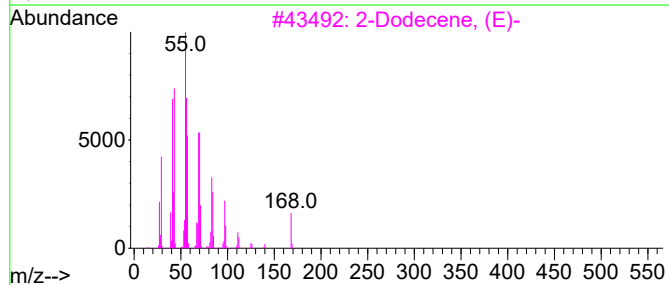
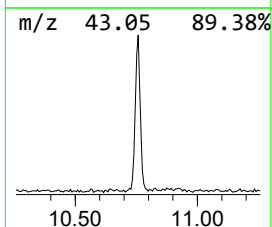
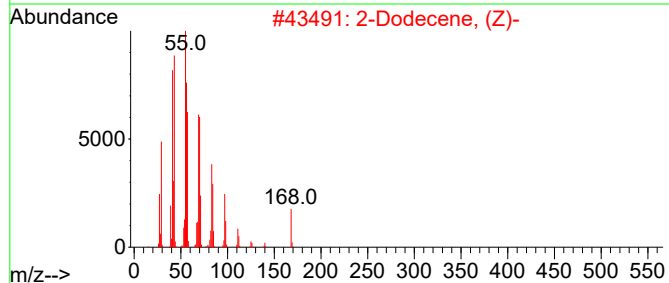
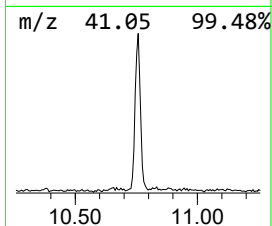
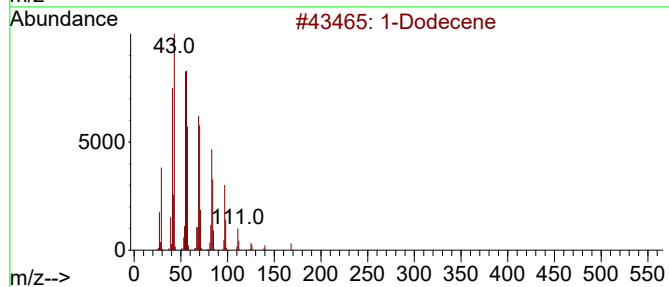
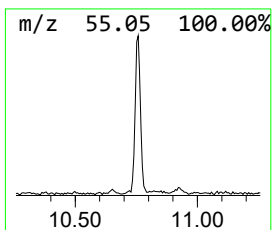
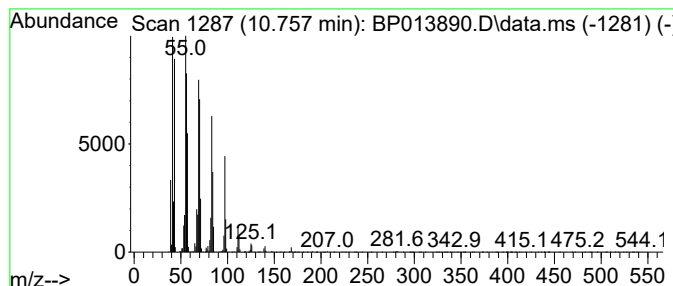
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 1-Dodecene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.757 | 5.41 ng | 210724 | Naphthalene-d8   | 10.928 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------|-----|---------|-------------|------|
| 1    |      | 1-Dodecene          | 168 | C12H24  | 000112-41-4 | 97   |
| 2    |      | 2-Dodecene, (Z)-    | 168 | C12H24  | 007206-26-0 | 96   |
| 3    |      | 2-Dodecene, (E)-    | 168 | C12H24  | 007206-13-5 | 96   |
| 4    |      | 3-Tetradecene, (E)- | 196 | C14H28  | 041446-68-8 | 91   |
| 5    |      | 1-Decene            | 140 | C10H20  | 000872-05-9 | 91   |



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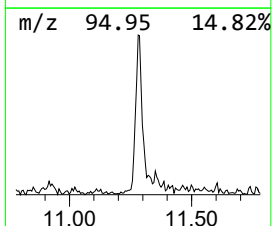
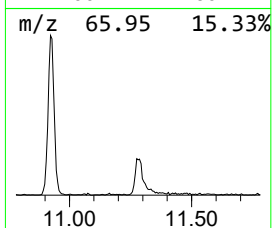
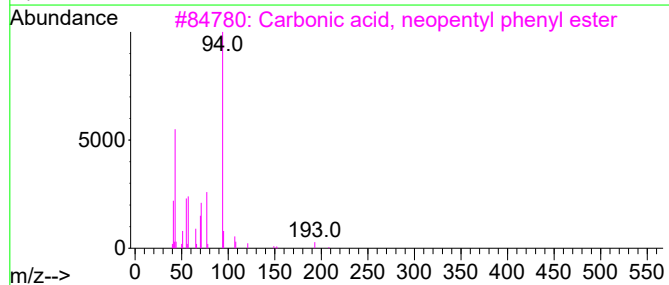
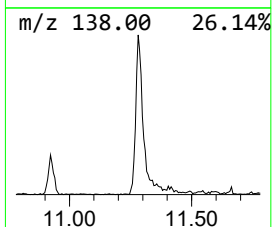
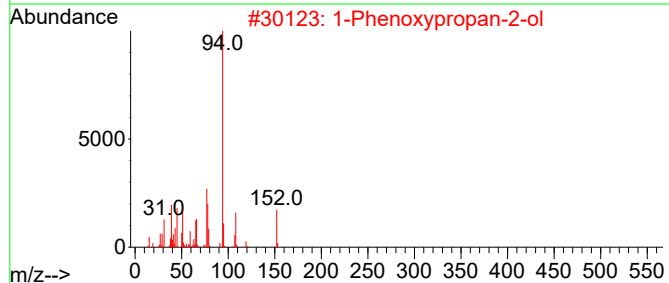
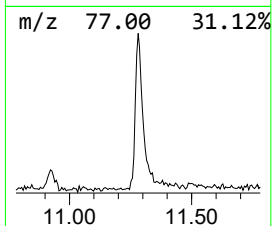
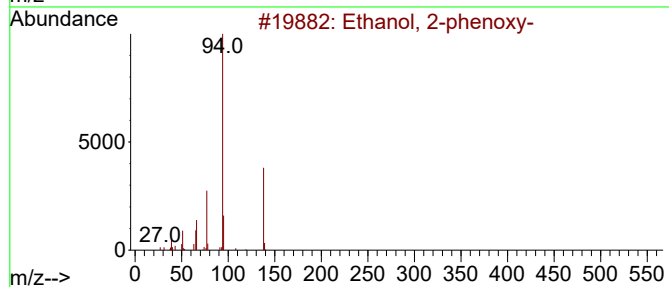
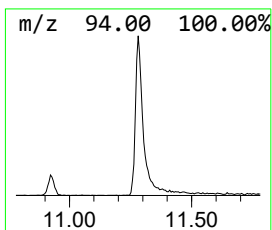
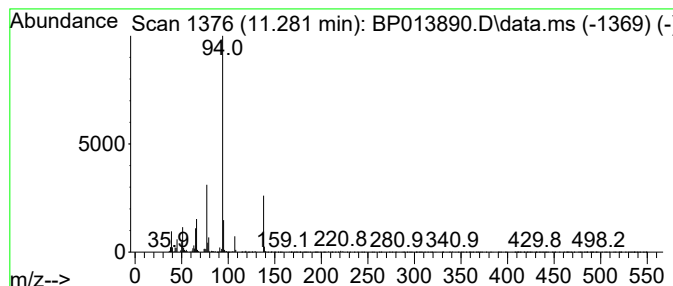
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Peak Number 3 Ethanol, 2-phenoxy- Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.281 | 3.05 ng | 118866 | Naphthalene-d8   | 10.928 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-phenoxy-                 | 138 | C8H10O2  | 000122-99-6 | 95   |
| 2    |    |   | 1-Phenoxypropan-2-ol                | 152 | C9H12O2  | 000770-35-4 | 72   |
| 3    |    |   | Carbonic acid, neopentyl phenyl ... | 208 | C12H16O3 | 013183-19-2 | 64   |
| 4    |    |   | Benzene, (2-methylpropoxy)-         | 150 | C10H14O  | 001126-75-6 | 59   |
| 5    |    |   | 1-Propanol, 3-phenoxy-              | 152 | C9H12O2  | 006180-61-6 | 59   |



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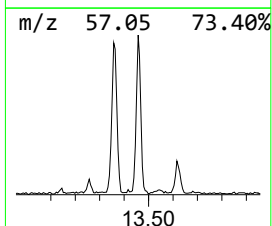
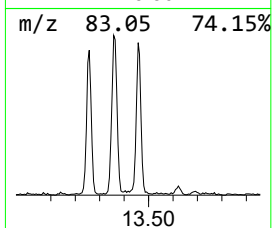
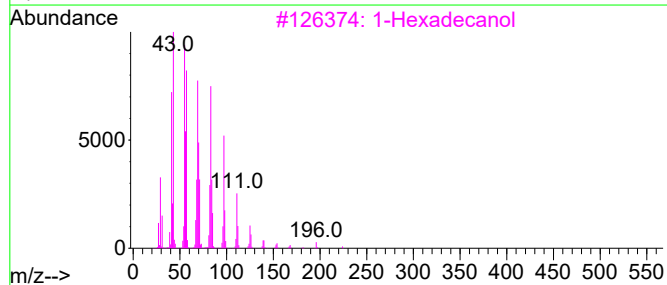
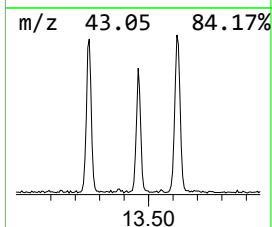
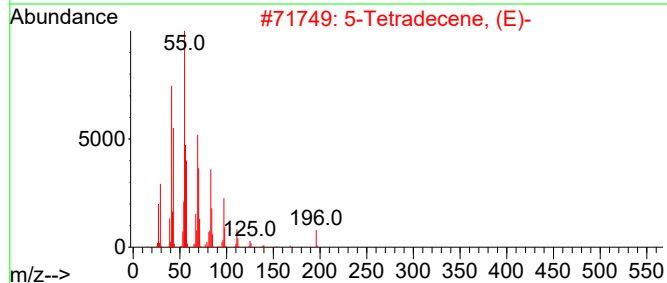
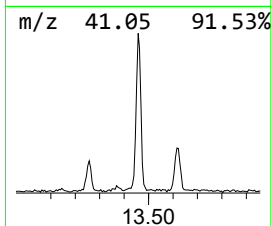
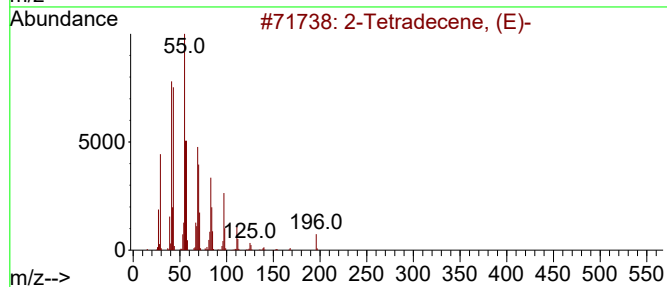
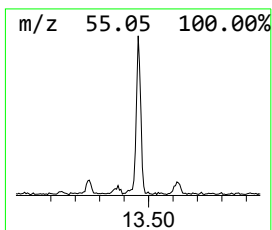
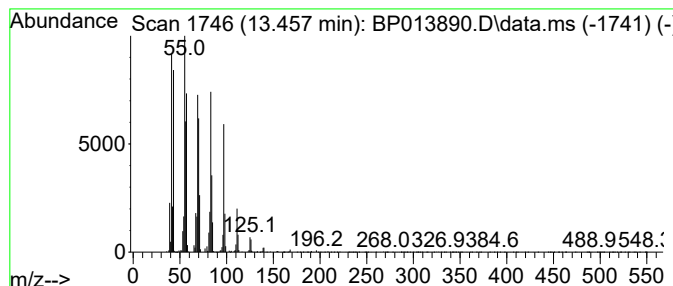
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Peak Number 4 2-Tetradecene, (E)- Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.457 | 2.44 ng | 263792 | Acenaphthene-d10 | 14.734 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Tetradecene, (E)- | 196 | C14H28  | 035953-54-9 | 96   |
| 2    |    |   | 5-Tetradecene, (E)- | 196 | C14H28  | 041446-66-6 | 94   |
| 3    |    |   | 1-Hexadecanol       | 242 | C16H34O | 036653-82-4 | 91   |
| 4    |    |   | 9-Octadecene, (E)-  | 252 | C18H36  | 007206-25-9 | 91   |
| 5    |    |   | Cetene              | 224 | C16H32  | 000629-73-2 | 90   |



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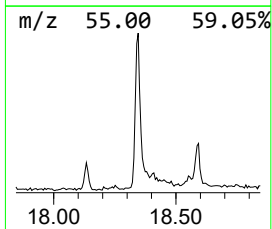
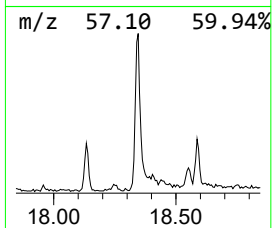
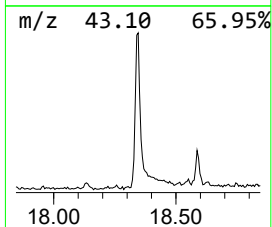
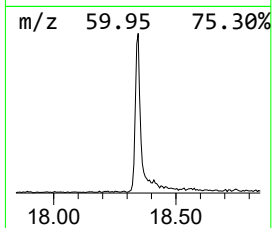
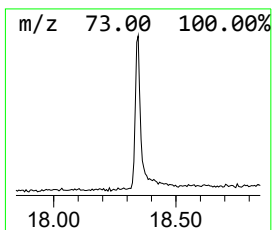
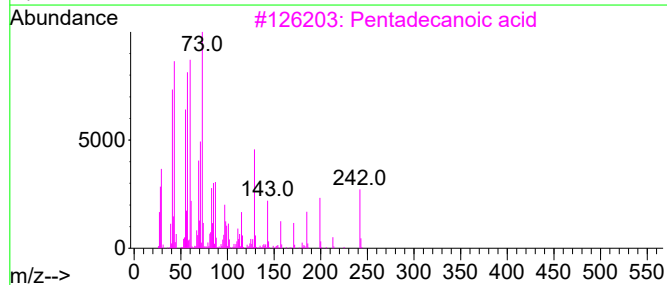
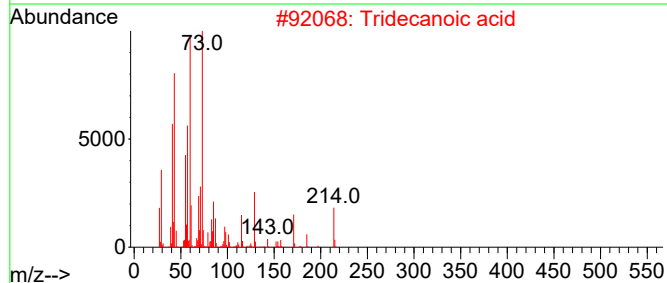
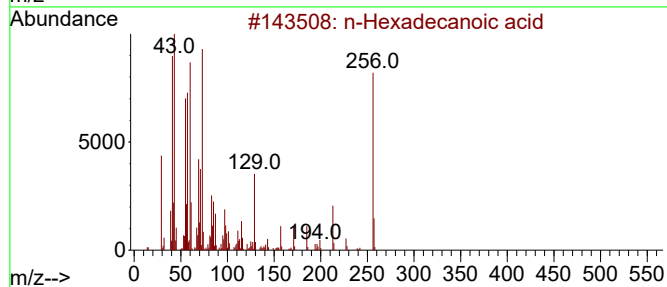
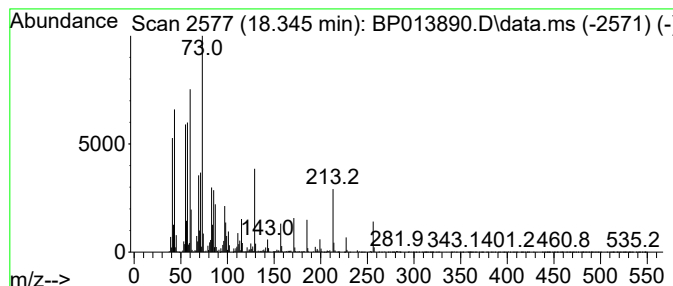
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.345 | 6.70 ng | 483517 | Phenanthrene-d10 | 17.492 |

| 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 | 90   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 83   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 81   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022423\  
Data File : BP013890.D  
Acq On : 24 Feb 2023 17:57  
Operator : CG/JU  
Sample : 01657-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EB-2023-2-22

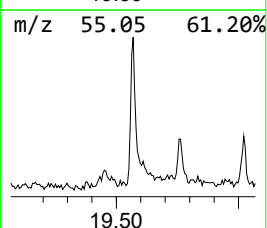
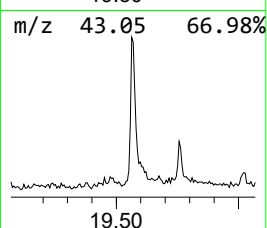
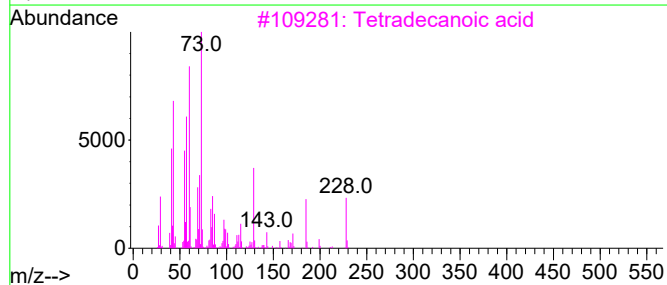
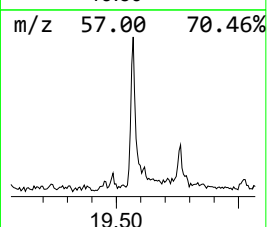
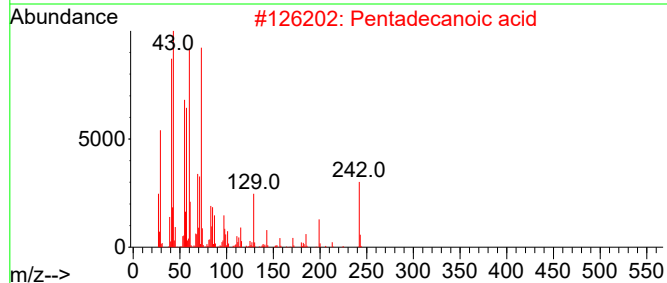
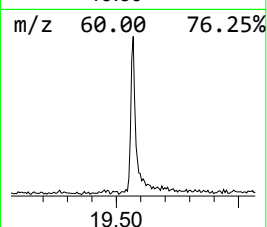
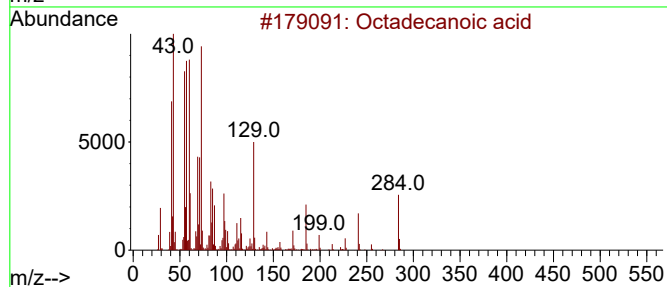
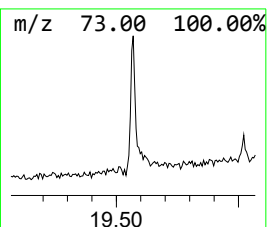
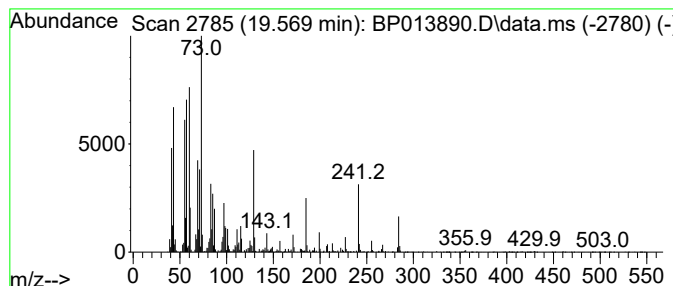
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.569 | 3.18 ng | 310224 | Chrysene-d12     | 21.563 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91   |
| 3    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83   |
| 4    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 76   |
| 5    |    |   | n-Decanoic acid    | 172 | C10H20O2 | 000334-48-5 | 70   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022423\  
Data File : BP013890.D  
Acq On : 24 Feb 2023 17:57  
Operator : CG/JU  
Sample : 01657-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EB-2023-2-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 5.169  | 14.7    | ng    | 443393   | 1                     | 8.099  | 603421  | 20.0 |
| 1-Dodecene         | 10.757 | 5.4     | ng    | 210724   | 2                     | 10.928 | 778329  | 20.0 |
| Ethanol, 2-phen... | 11.281 | 3.0     | ng    | 118866   | 2                     | 10.928 | 778329  | 20.0 |
| 2-Tetradecene, ... | 13.457 | 2.4     | ng    | 263792   | 3                     | 14.734 | 2163250 | 20.0 |
| n-Hexadecanoic ... | 18.345 | 6.7     | ng    | 483517   | 4                     | 17.492 | 1442290 | 20.0 |
| Octadecanoic acid  | 19.569 | 3.2     | ng    | 310224   | 5                     | 21.563 | 1948190 | 20.0 |