

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061125\  
 Data File : BP024911.D  
 Acq On : 11 Jun 2025 14:21  
 Operator : RC/JU  
 Sample : Q2227-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP07-MHH-WC

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-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024911.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         | 4.772       | 304           | 312         | 327          | rBV      | 263096         | 396383        | 3.61%           | 0.694%        |
| 2         | 5.237       | 385           | 391         | 410          | rBV      | 2475110        | 3865690       | 35.19%          | 6.769%        |
| 3         | 6.813       | 651           | 659         | 689          | rBV      | 2290572        | 4212286       | 38.34%          | 7.375%        |
| 4         | 7.608       | 787           | 794         | 806          | rBV      | 979135         | 1510385       | 13.75%          | 2.645%        |
| 5         | 8.760       | 982           | 990         | 1013         | rBV      | 1468369        | 2600366       | 23.67%          | 4.553%        |
| 6         | 10.384      | 1258          | 1266        | 1285         | rBV      | 1236197        | 2082093       | 18.95%          | 3.646%        |
| 7         | 12.860      | 1679          | 1687        | 1710         | rBV      | 3685030        | 5839626       | 53.16%          | 10.225%       |
| 8         | 14.254      | 1916          | 1924        | 1941         | rBV      | 1914713        | 2882575       | 26.24%          | 5.047%        |
| 9         | 15.642      | 2153          | 2160        | 2174         | rBV      | 486944         | 764006        | 6.95%           | 1.338%        |
| 10        | 15.772      | 2175          | 2182        | 2210         | rBV      | 3539023        | 5686713       | 51.76%          | 9.957%        |
| 11        | 17.048      | 2393          | 2399        | 2415         | rBV      | 2391124        | 3655066       | 33.27%          | 6.400%        |
| 12        | 17.995      | 2554          | 2560        | 2569         | rBV      | 533737         | 950033        | 8.65%           | 1.663%        |
| 13        | 19.183      | 2758          | 2762        | 2766         | rBV      | 119149         | 189744        | 1.73%           | 0.332%        |
| 14        | 19.225      | 2766          | 2769        | 2773         | rVB      | 122904         | 144154        | 1.31%           | 0.252%        |
| 15        | 19.325      | 2782          | 2786        | 2797         | rBV      | 142213         | 257485        | 2.34%           | 0.451%        |
| 16        | 19.472      | 2808          | 2811        | 2816         | rVB      | 206153         | 238443        | 2.17%           | 0.418%        |
| 17        | 19.560      | 2823          | 2826        | 2830         | rBV      | 105914         | 141135        | 1.28%           | 0.247%        |
| 18        | 19.777      | 2857          | 2863        | 2872         | rBV      | 8984852        | 10985823      | 100.00%         | 19.236%       |
| 19        | 20.572      | 2995          | 2998        | 3002         | rBV      | 210287         | 231270        | 2.11%           | 0.405%        |
| 20        | 21.154      | 3093          | 3097        | 3107         | rVB2     | 469721         | 814383        | 7.41%           | 1.426%        |
| 21        | 21.483      | 3147          | 3153        | 3160         | rBV2     | 3055715        | 4687793       | 42.67%          | 8.208%        |
| 22        | 24.742      | 3699          | 3707        | 3720         | rVB      | 1829817        | 4976635       | 45.30%          | 8.714%        |

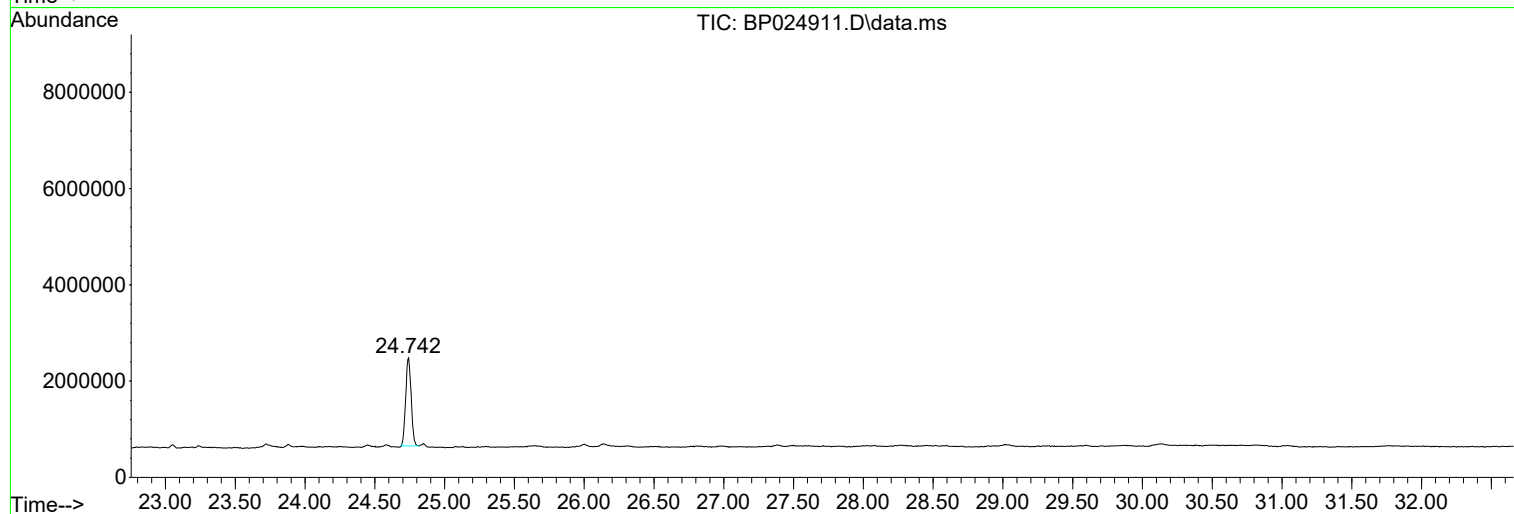
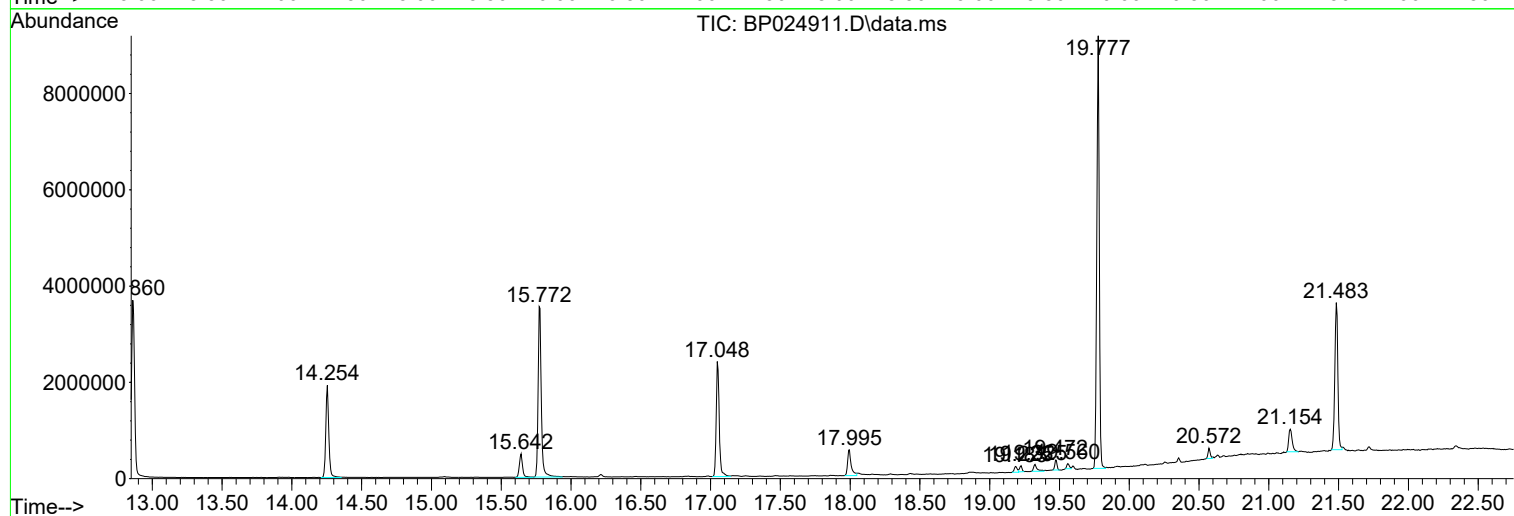
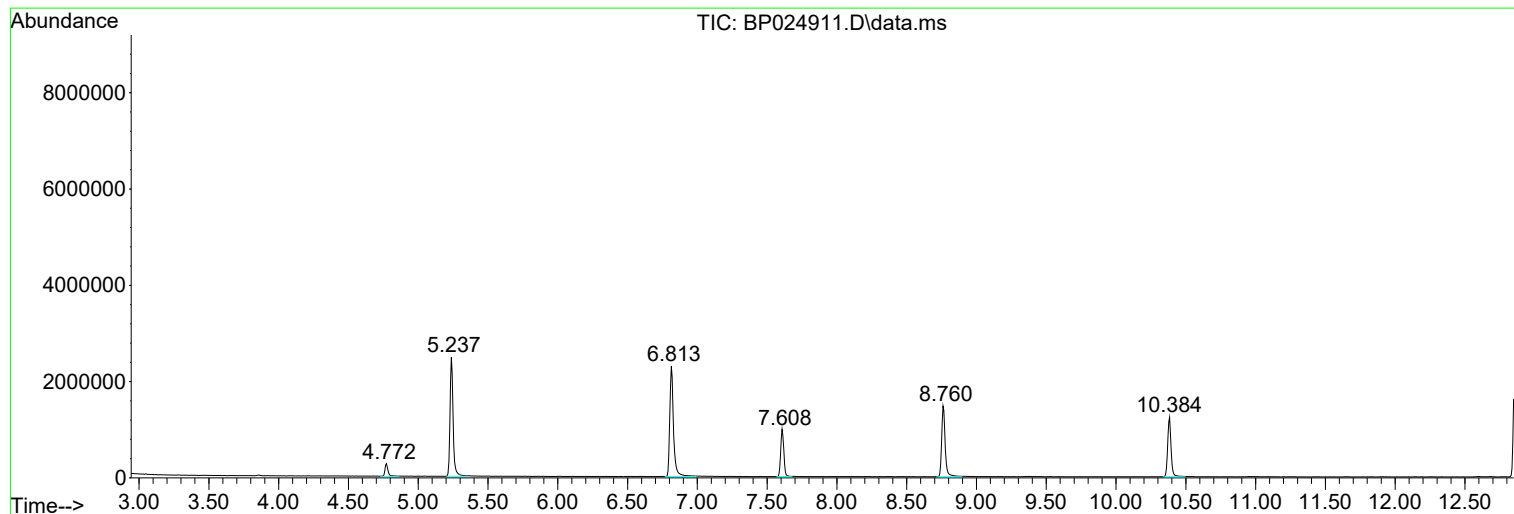
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ALS Vial : 8 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.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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ClientSampleId :  
TP07-MHH-WC

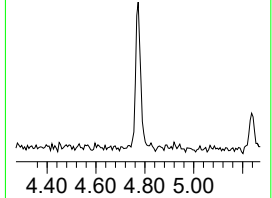
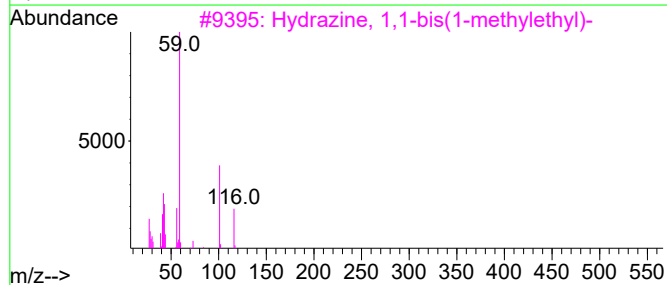
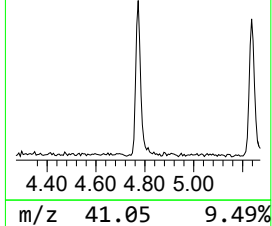
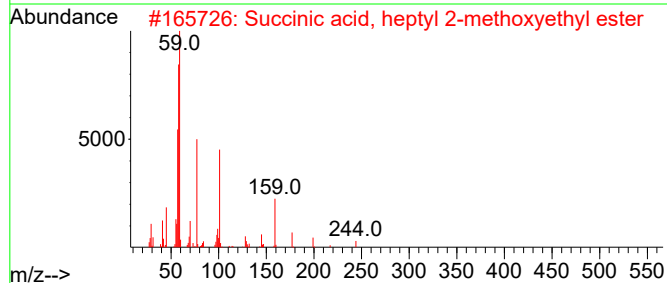
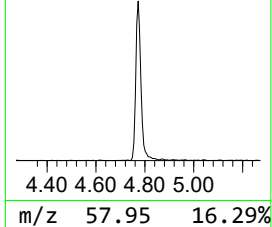
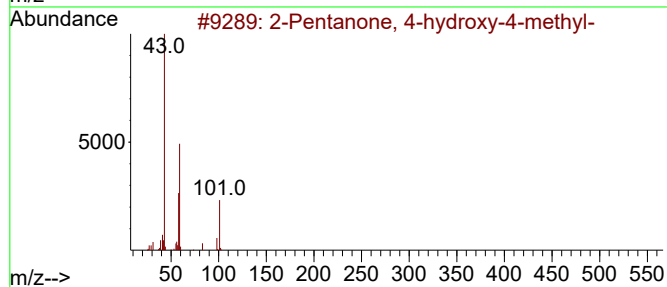
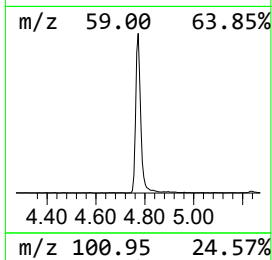
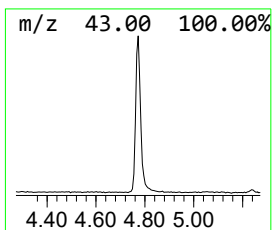
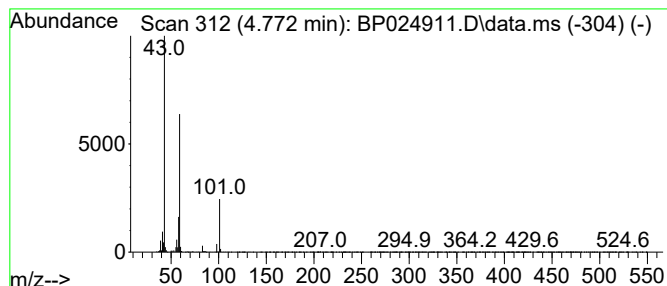
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.772 | 5.25 ng | 396383 | 1,4-Dichlorobenzene-d4 | 7.608 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2  | 56   |
| 2    |    |   | Succinic acid, heptyl 2-methoxye... | 274 | C14H26O5 | 1000325-80-7 | 33   |
| 3    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2  | 000921-14-2  | 28   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9  | 25   |
| 5    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5  | 10   |



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BNA\_P  
ClientSampleId :  
TP07-MHH-WC

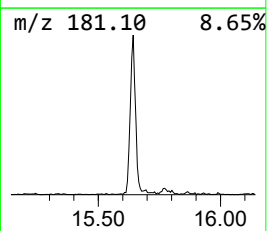
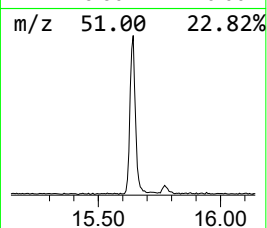
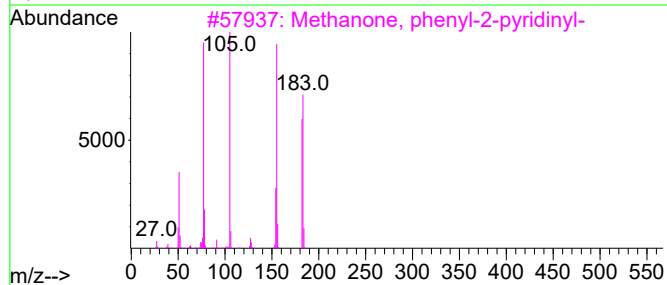
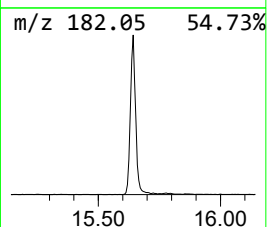
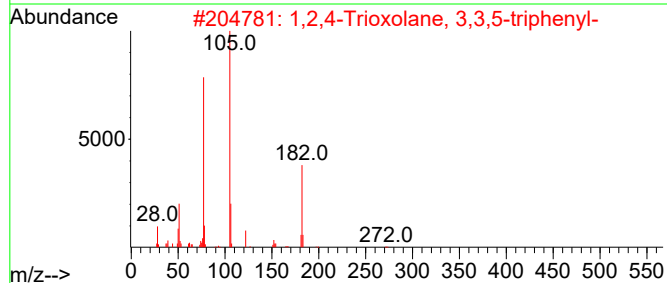
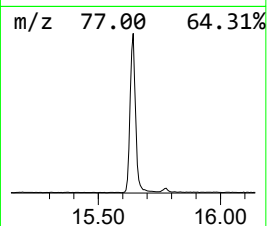
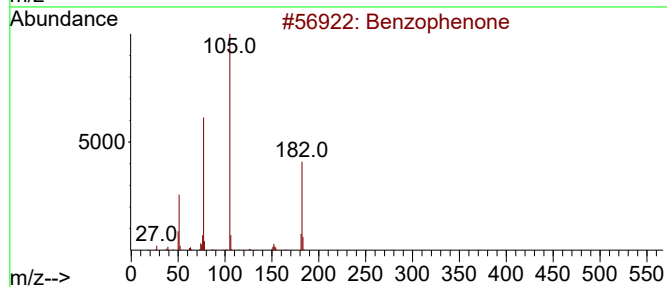
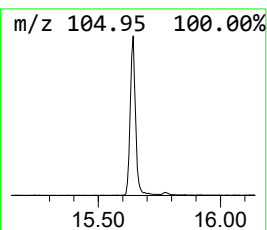
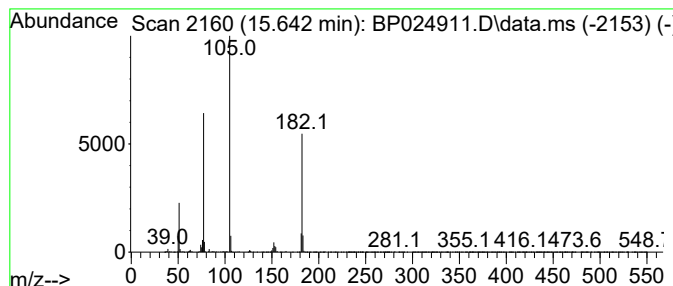
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.642 | 5.30 ng | 764006 | Acenaphthene-d10 | 14.254 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 97   |
| 2    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 64   |
| 3    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 50   |
| 4    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 45   |
| 5    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 38   |



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Sample : Q2227-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP07-MHH-WC

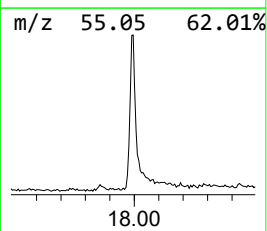
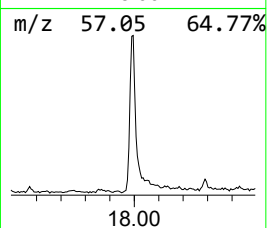
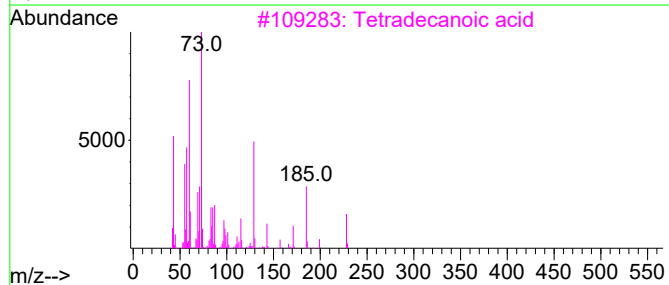
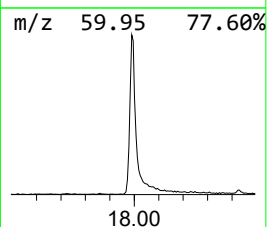
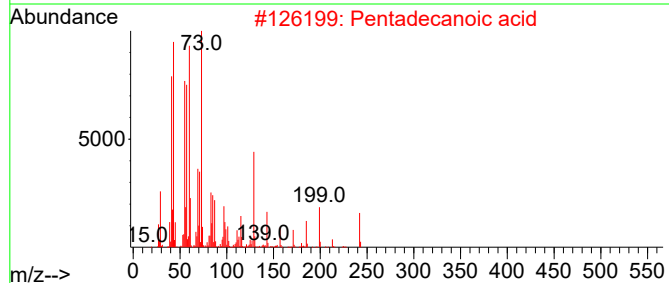
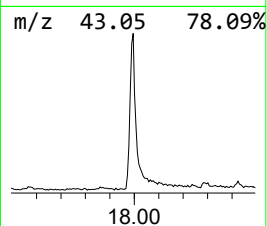
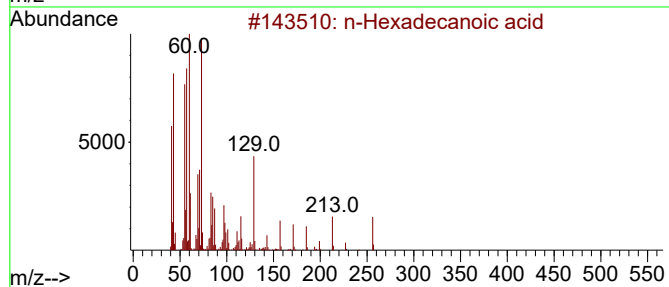
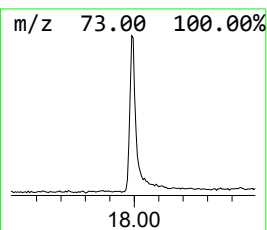
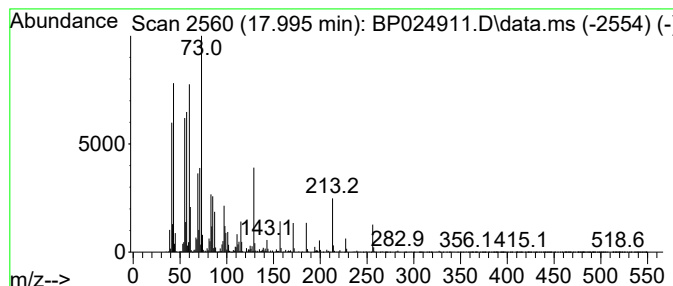
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.995 | 5.20 ng | 950033 | Phenanthrene-d10 | 17.048 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |



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ALS Vial : 8 Sample Multiplier: 1

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BNA\_P  
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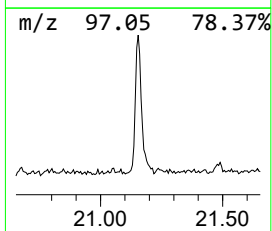
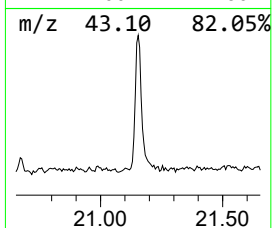
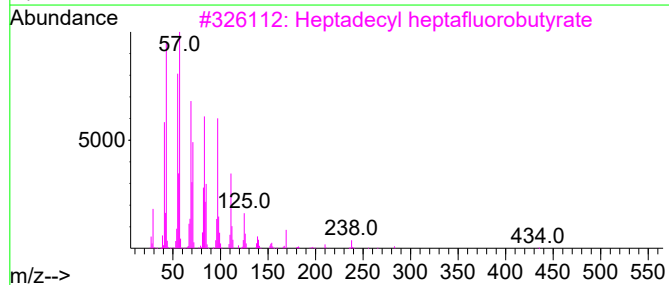
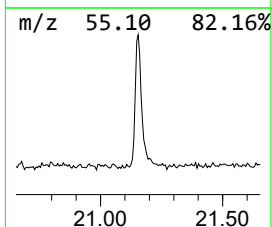
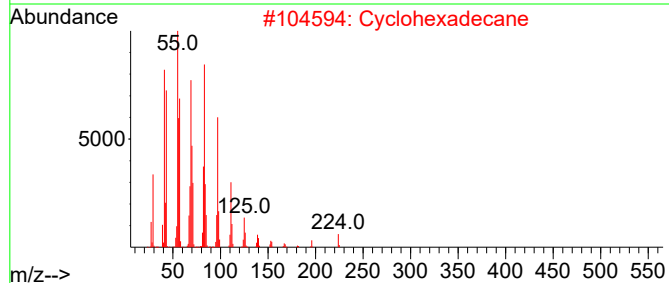
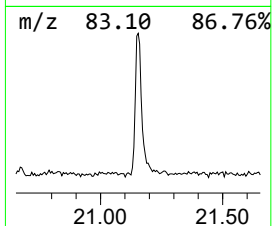
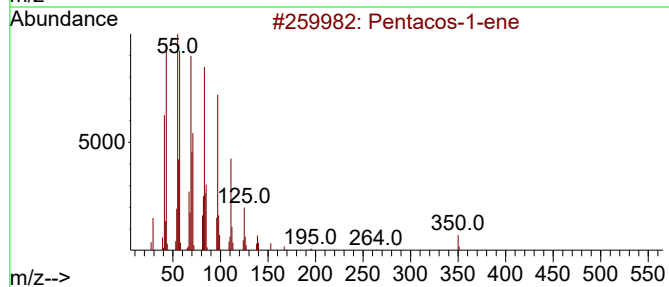
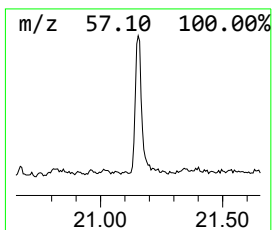
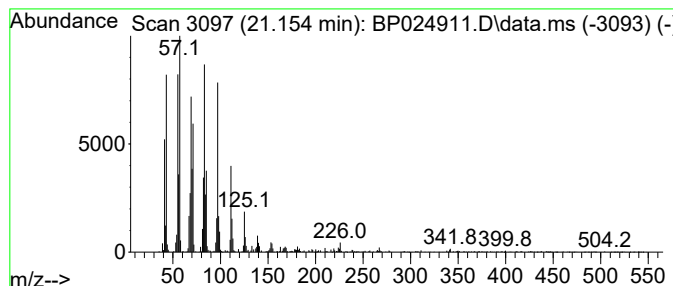
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Peak Number 4 Pentacos-1-ene Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.154 | 3.47 ng | 814383 | Chrysene-d12     | 21.483 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Pentacos-1-ene                      | 350 | C25H50     | 016980-85-1 | 96   |
| 2    |    |   | Cyclohexadecane                     | 224 | C16H32     | 000295-65-8 | 94   |
| 3    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2 | 959085-66-6 | 94   |
| 4    |    |   | Nonacos-1-ene                       | 406 | C29H58     | 018835-35-3 | 94   |
| 5    |    |   | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 4.772  | 5.3     | ng    | 396383   | 1                     | 7.608  | 1510390 | 20.0 |
| Benzophenone       | 15.642 | 5.3     | ng    | 764006   | 3                     | 14.254 | 2882580 | 20.0 |
| n-Hexadecanoic ... | 17.995 | 5.2     | ng    | 950033   | 4                     | 17.048 | 3655070 | 20.0 |
| Pentacos-1-ene     | 21.154 | 3.5     | ng    | 814383   | 5                     | 21.483 | 4687790 | 20.0 |