

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022924\  
 Data File : BP019945.D  
 Acq On : 29 Feb 2024 19:40  
 Operator : MA/JU  
 Sample : P1620-11  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SP-2

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-BP022624.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019945.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         | 5.011       | 321           | 327         | 334          | rBV      | 52686          | 81239         | 1.59%           | 0.313%        |
| 2         | 5.464       | 397           | 404         | 421          | rBV      | 1047396        | 1654526       | 32.33%          | 6.373%        |
| 3         | 7.069       | 669           | 677         | 691          | rBV      | 1085620        | 1832345       | 35.81%          | 7.058%        |
| 4         | 7.893       | 809           | 817         | 826          | rBV      | 344477         | 577301        | 11.28%          | 2.224%        |
| 5         | 9.069       | 1008          | 1017        | 1029         | rBV      | 693023         | 1252888       | 24.48%          | 4.826%        |
| 6         | 10.693      | 1285          | 1293        | 1306         | rBV      | 439011         | 788869        | 15.42%          | 3.039%        |
| 7         | 13.163      | 1705          | 1713        | 1724         | rBV      | 1908694        | 2968113       | 58.00%          | 11.433%       |
| 8         | 14.540      | 1939          | 1947        | 1956         | rBV      | 712756         | 1131793       | 22.12%          | 4.360%        |
| 9         | 16.039      | 2194          | 2202        | 2223         | rBV      | 1609201        | 2541671       | 49.67%          | 9.791%        |
| 10        | 17.304      | 2410          | 2417        | 2422         | rBV      | 960768         | 1496107       | 29.24%          | 5.763%        |
| 11        | 18.198      | 2564          | 2569        | 2578         | rBV      | 238387         | 347496        | 6.79%           | 1.339%        |
| 12        | 19.316      | 2755          | 2759        | 2767         | rVB      | 113815         | 158898        | 3.10%           | 0.612%        |
| 13        | 19.433      | 2775          | 2779        | 2786         | rBV3     | 76504          | 118923        | 2.32%           | 0.458%        |
| 14        | 19.669      | 2815          | 2819        | 2828         | rVB      | 92812          | 136418        | 2.67%           | 0.525%        |
| 15        | 19.875      | 2848          | 2854        | 2861         | rBV      | 4130181        | 5117517       | 100.00%         | 19.713%       |
| 16        | 20.622      | 2977          | 2981        | 2996         | rBV      | 1974866        | 2640556       | 51.60%          | 10.172%       |
| 17        | 21.122      | 3062          | 3066        | 3073         | rBV2     | 305144         | 384494        | 7.51%           | 1.481%        |
| 18        | 21.404      | 3109          | 3114        | 3119         | rBV      | 1092910        | 1464737       | 28.62%          | 5.642%        |
| 19        | 23.827      | 3521          | 3526        | 3538         | rVB      | 597207         | 1265976       | 24.74%          | 4.877%        |

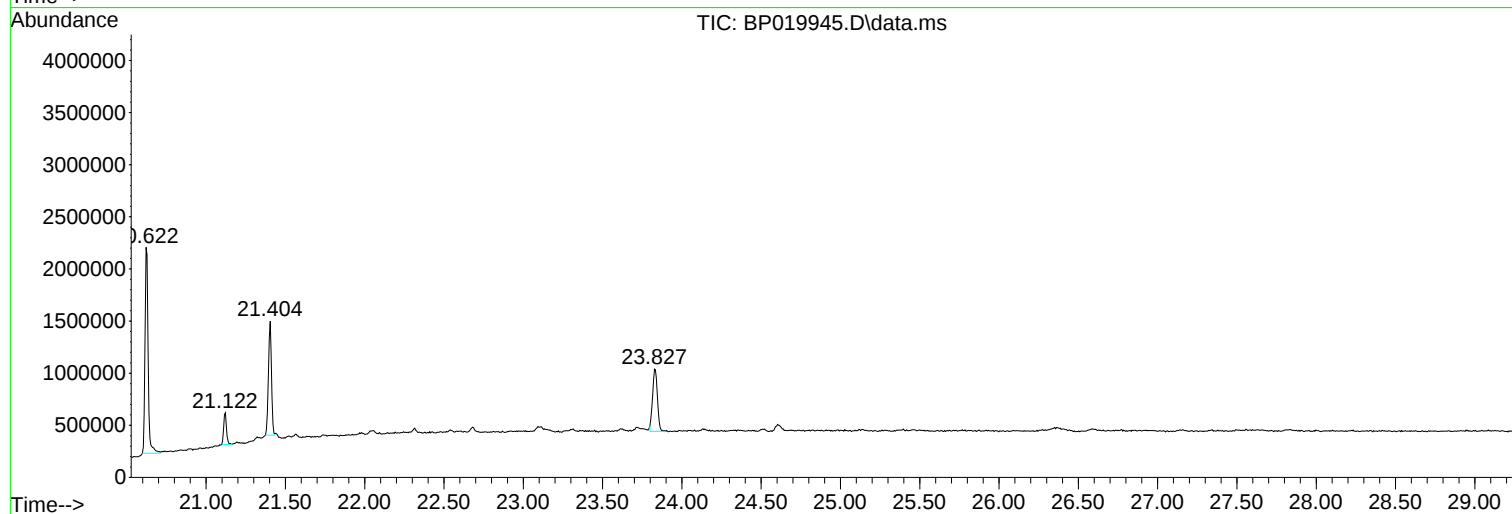
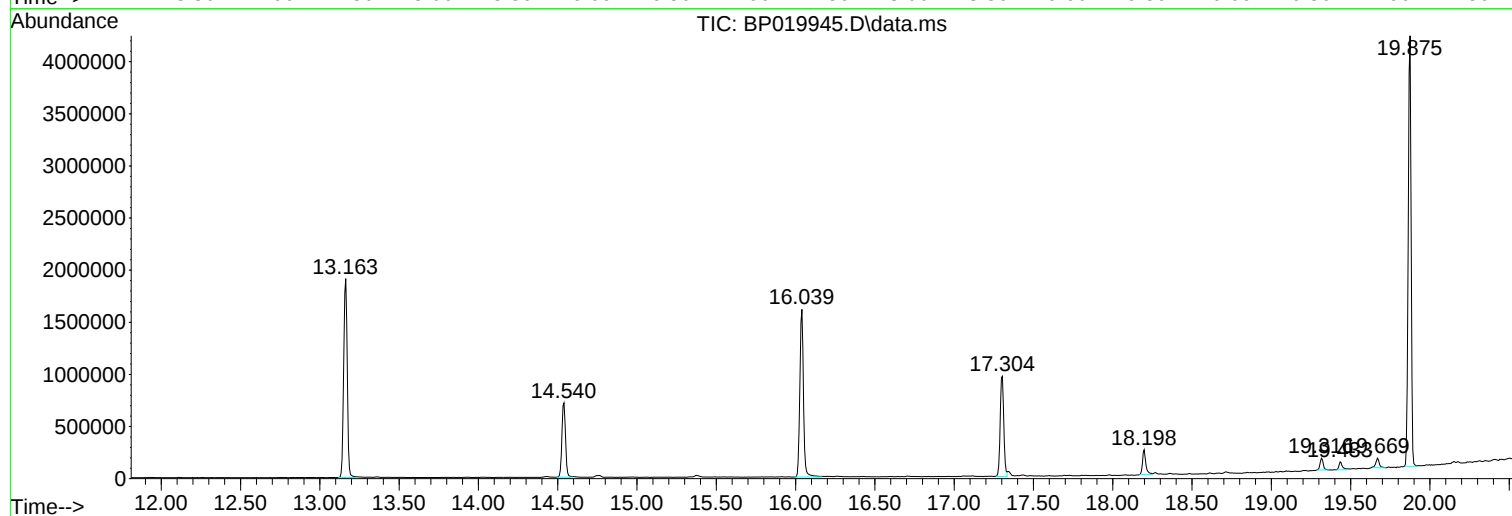
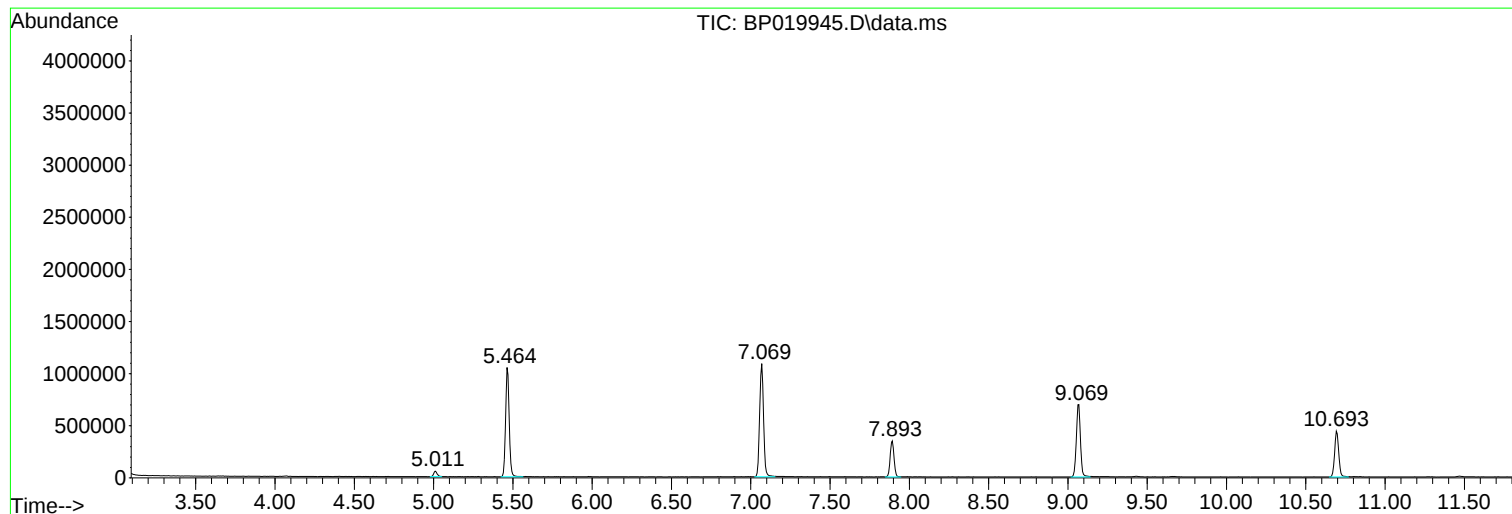
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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.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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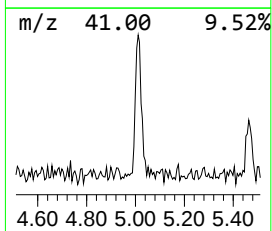
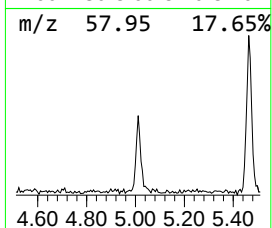
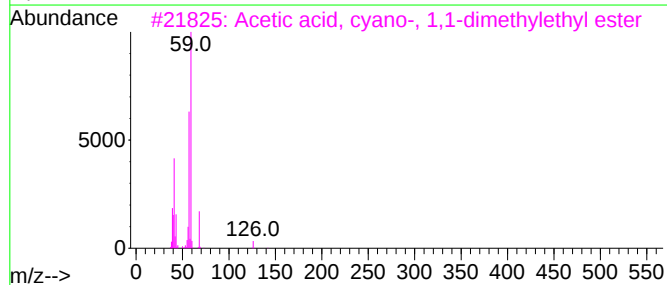
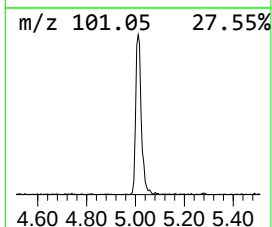
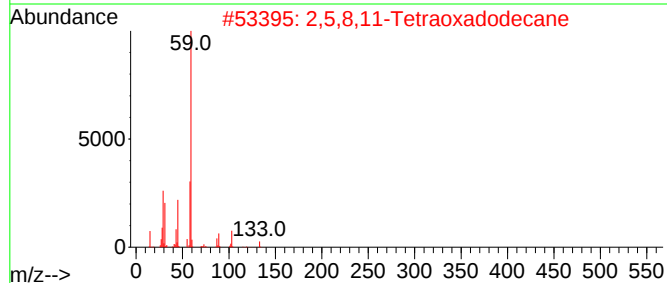
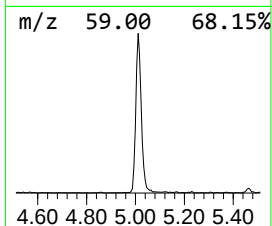
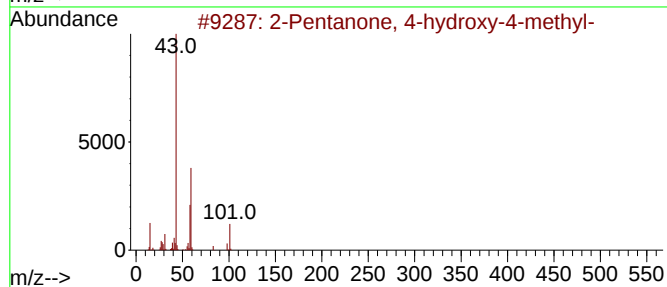
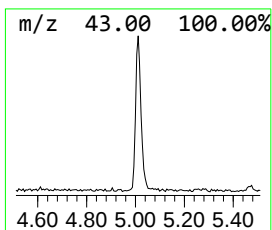
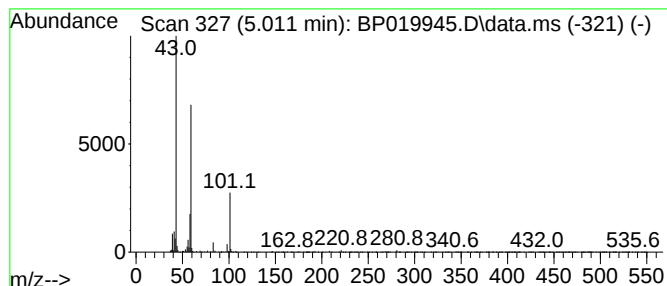
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.011 | 2.81 ng | 81239 | 1,4-Dichlorobenzene-d4 | 7.893 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 50      |      |      |
| 2    | 2,5,8,11-Tetraoxadodecane           | 178 | C8H18O4      | 000112-49-2 | 23      |      |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 16      |      |      |
| 4    | 4-Methoxy-1-pentene                 | 100 | C6H12O       | 098386-09-5 | 9       |      |      |
| 5    | Oxirane, tetramethyl-               | 100 | C6H12O       | 005076-20-0 | 9       |      |      |



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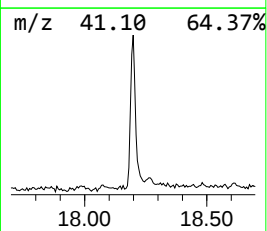
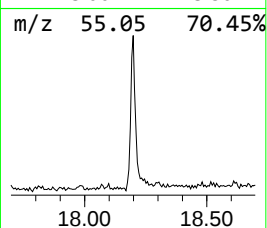
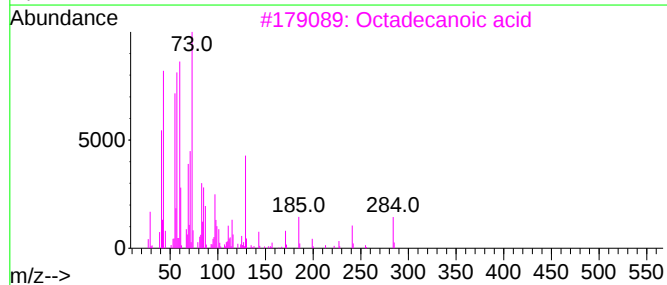
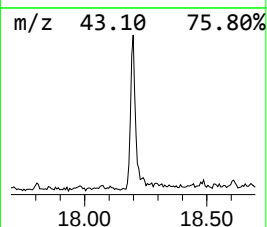
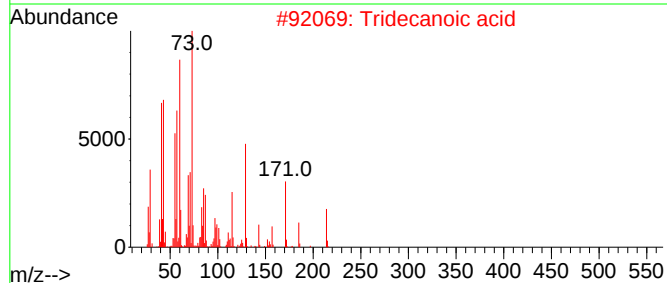
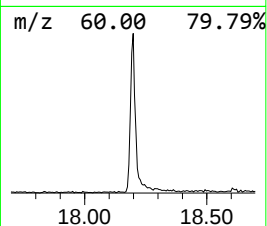
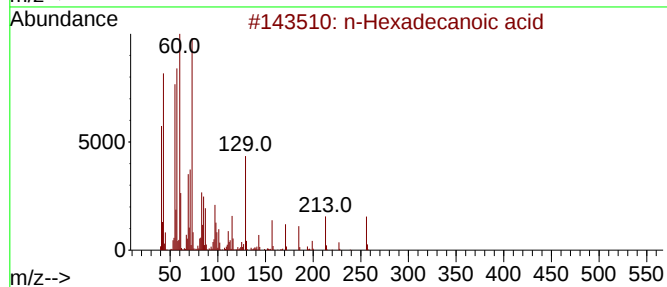
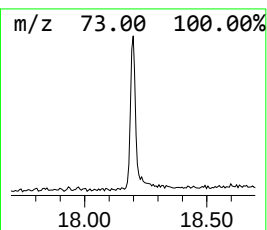
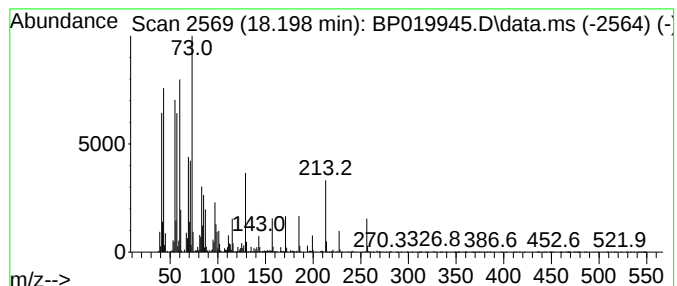
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.198 | 4.65 ng | 347496 | Phenanthrene-d10 | 17.304 |

| 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 | 94   |
| 3    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 4    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 5    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |



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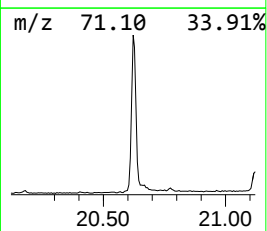
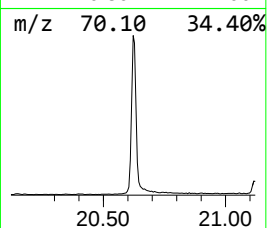
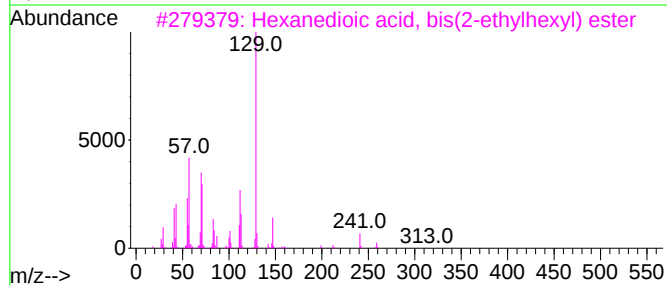
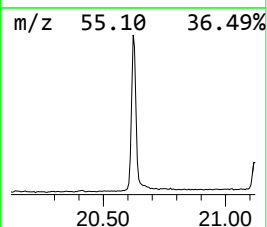
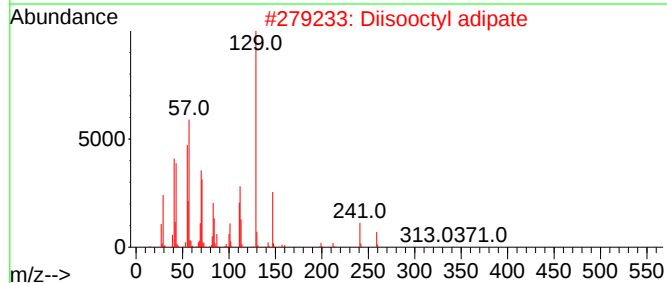
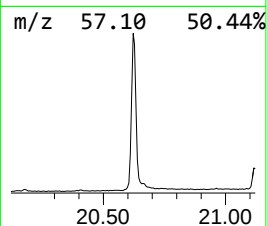
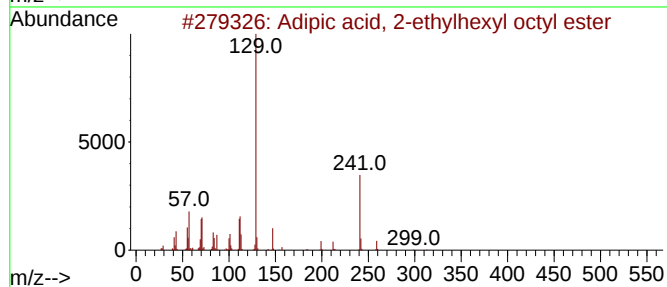
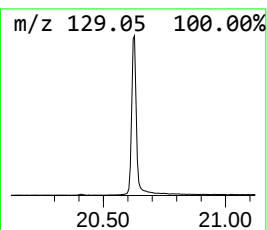
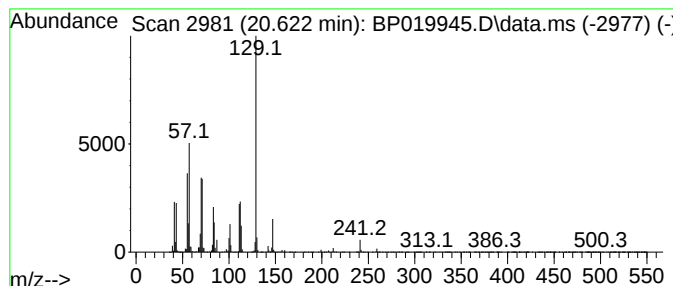
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 20.622 | 36.06 ng | 2640560 | Chrysene-d12     | 21.404 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Adipic acid, 2-ethylhexyl octyl ... | 370 | C22H42O4 | 1000324-48-6 | 91   |
| 2    |    |   | Diisooctyl adipate                  | 370 | C22H42O4 | 001330-86-5  | 90   |
| 3    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1  | 87   |
| 4    |    |   | Hexanedioic acid, dioctyl ester     | 370 | C22H42O4 | 000123-79-5  | 81   |
| 5    |    |   | Hexanedioic acid, mono(2-ethylhe... | 258 | C14H26O4 | 004337-65-9  | 58   |



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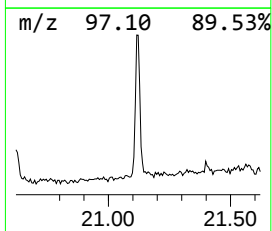
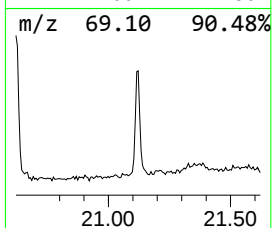
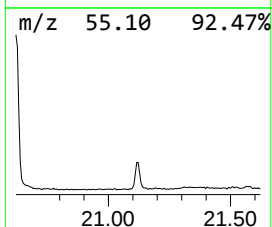
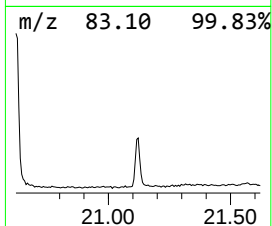
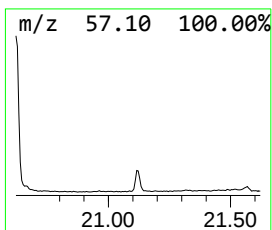
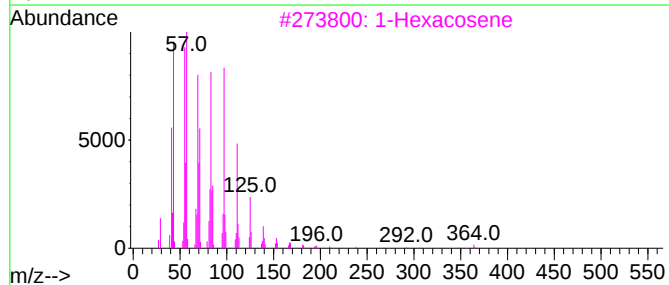
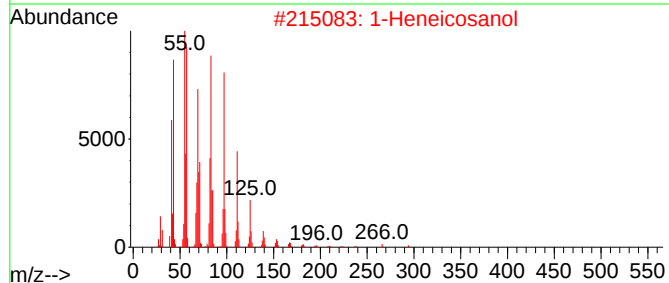
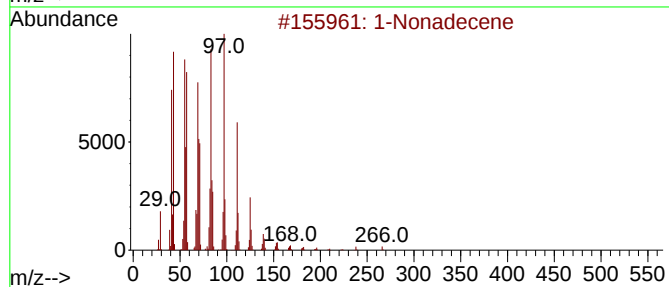
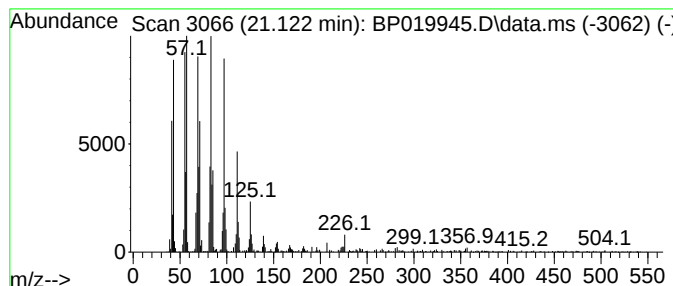
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Peak Number 5 1-Nonadecene Concentration Rank 2

| R.T.      | EstConc          | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------|--------|------------------|-------------|------|
| 21.122    | 5.25 ng          | 384494 | Chrysene-d12     | 21.404      |      |
| Hit# of 5 | Tentative ID     | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Nonadecene     | 266    | C19H38           | 018435-45-5 | 99   |
| 2         | 1-Heneicosanol   | 312    | C21H44O          | 015594-90-8 | 95   |
| 3         | 1-Hexacosene     | 364    | C26H52           | 018835-33-1 | 94   |
| 4         | Cyclotetracosane | 336    | C24H48           | 000297-03-0 | 94   |
| 5         | 1-Heptacosanol   | 396    | C27H56O          | 002004-39-9 | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 5.011  | 2.8     | ng    | 81239    | 1                     | 7.893  | 577301  | 20.0 |
| n-Hexadecanoic ... | 18.198 | 4.7     | ng    | 347496   | 4                     | 17.304 | 1496110 | 20.0 |
| Adipic acid, 2-... | 20.622 | 36.1    | ng    | 2640560  | 5                     | 21.404 | 1464740 | 20.0 |
| 1-Nonadecene       | 21.122 | 5.3     | ng    | 384494   | 5                     | 21.404 | 1464740 | 20.0 |