

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG103125\  
 Data File : BG064658.D  
 Acq On : 31 Oct 2025 16:12  
 Operator : RC/JU  
 Sample : Q3504-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-11986

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\_G\Methods\8270-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064658.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         | 3.202       | 12            | 19          | 27           | rBV      | 26218          | 52165         | 4.76%           | 0.572%        |
| 2         | 3.285       | 27            | 33          | 45           | rVB      | 341836         | 545657        | 49.79%          | 5.981%        |
| 3         | 5.747       | 446           | 452         | 462          | rVB      | 270791         | 443091        | 40.43%          | 4.857%        |
| 4         | 7.351       | 718           | 725         | 736          | rBV      | 294060         | 518349        | 47.29%          | 5.682%        |
| 5         | 8.220       | 866           | 873         | 880          | rBV      | 132540         | 222325        | 20.28%          | 2.437%        |
| 6         | 9.383       | 1063          | 1071        | 1080         | rBV      | 162181         | 299192        | 27.30%          | 3.280%        |
| 7         | 11.046      | 1347          | 1354        | 1361         | rBV      | 196281         | 350760        | 32.00%          | 3.845%        |
| 8         | 13.467      | 1759          | 1766        | 1773         | rBV      | 434705         | 668008        | 60.95%          | 7.322%        |
| 9         | 14.842      | 1992          | 2000        | 2007         | rBV      | 343921         | 541671        | 49.42%          | 5.937%        |
| 10        | 16.181      | 2223          | 2228        | 2236         | rBV      | 108558         | 163929        | 14.96%          | 1.797%        |
| 11        | 16.317      | 2245          | 2251        | 2258         | rBV      | 405491         | 629381        | 57.42%          | 6.899%        |
| 12        | 16.563      | 2287          | 2293        | 2298         | rBV2     | 20155          | 40219         | 3.67%           | 0.441%        |
| 13        | 16.745      | 2321          | 2324        | 2329         | rVB2     | 18059          | 28184         | 2.57%           | 0.309%        |
| 14        | 17.380      | 2430          | 2432        | 2437         | rVB4     | 18428          | 25219         | 2.30%           | 0.276%        |
| 15        | 17.580      | 2459          | 2466        | 2471         | rBV2     | 424140         | 682192        | 62.24%          | 7.478%        |
| 16        | 17.615      | 2471          | 2472        | 2477         | rVB      | 31103          | 35602         | 3.25%           | 0.390%        |
| 17        | 18.449      | 2610          | 2614        | 2622         | rBV      | 176477         | 258588        | 23.59%          | 2.834%        |
| 18        | 19.307      | 2757          | 2760        | 2766         | rVB4     | 24382          | 33153         | 3.02%           | 0.363%        |
| 19        | 19.613      | 2808          | 2812        | 2818         | rVB      | 115098         | 172178        | 15.71%          | 1.887%        |
| 20        | 19.713      | 2825          | 2829        | 2834         | rBV3     | 46259          | 63947         | 5.83%           | 0.701%        |
| 21        | 19.942      | 2866          | 2868        | 2869         | rBV2     | 16005          | 12591         | 1.15%           | 0.138%        |
| 22        | 19.971      | 2870          | 2873        | 2880         | rVB      | 98293          | 145194        | 13.25%          | 1.592%        |
| 23        | 20.165      | 2901          | 2906        | 2912         | rVB      | 819879         | 1096023       | 100.00%         | 12.014%       |
| 24        | 20.453      | 2953          | 2955        | 2963         | rVB5     | 19503          | 31919         | 2.91%           | 0.350%        |
| 25        | 21.487      | 3127          | 3131        | 3141         | rVB3     | 50204          | 99389         | 9.07%           | 1.089%        |
| 26        | 21.851      | 3185          | 3193        | 3198         | rBV2     | 466116         | 887267        | 80.95%          | 9.726%        |
| 27        | 24.137      | 3576          | 3582        | 3590         | rBV      | 34783          | 113961        | 10.40%          | 1.249%        |
| 28        | 24.877      | 3705          | 3708        | 3720         | rVB3     | 34852          | 97811         | 8.92%           | 1.072%        |
| 29        | 25.030      | 3732          | 3734        | 3745         | rVB3     | 29162          | 63837         | 5.82%           | 0.700%        |
| 30        | 25.200      | 3753          | 3763        | 3774         | rBV      | 262435         | 787888        | 71.89%          | 8.636%        |
| 31        | 28.972      | 4402          | 4405        | 4406         | rBV3     | 15001          | 13305         | 1.21%           | 0.146%        |

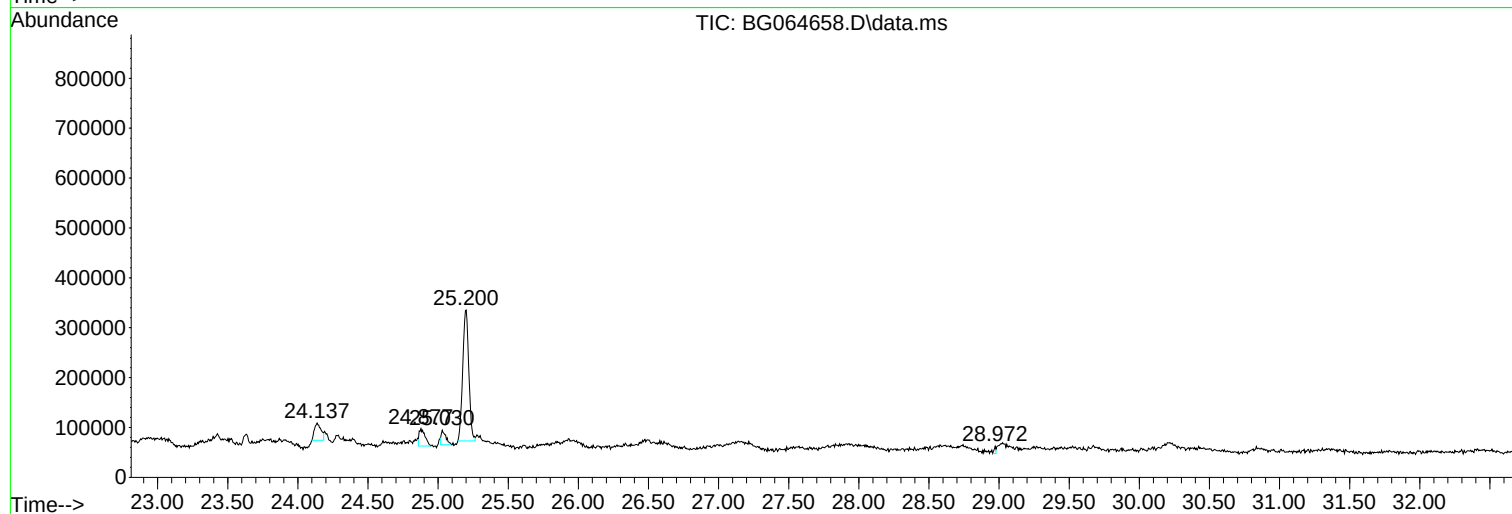
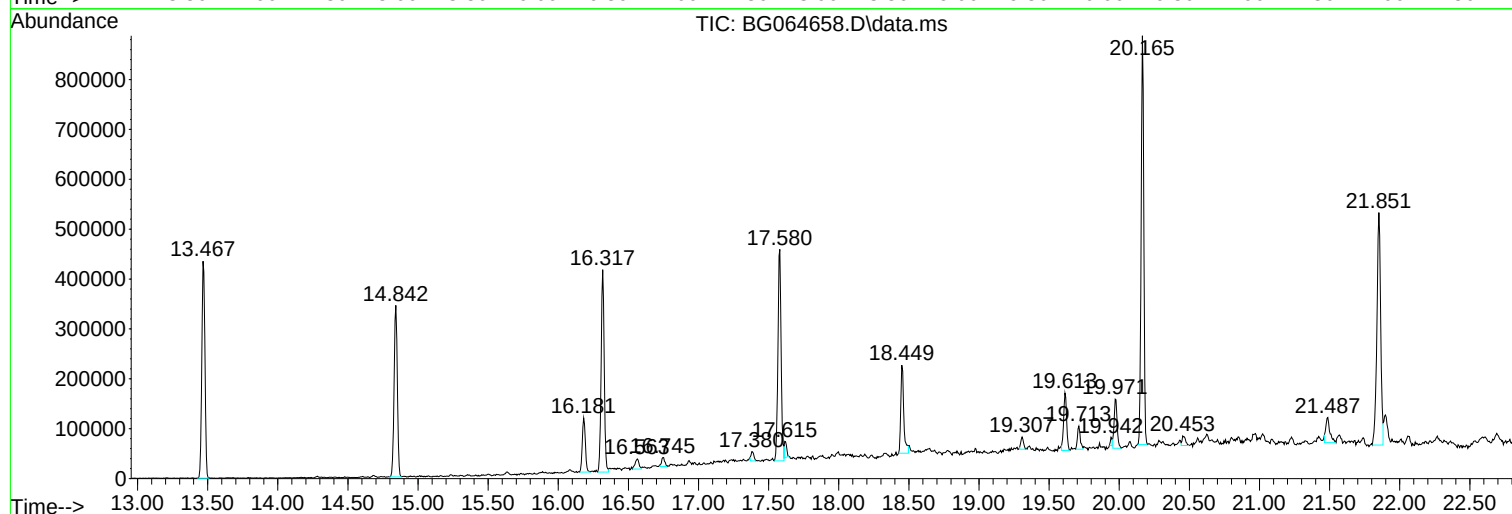
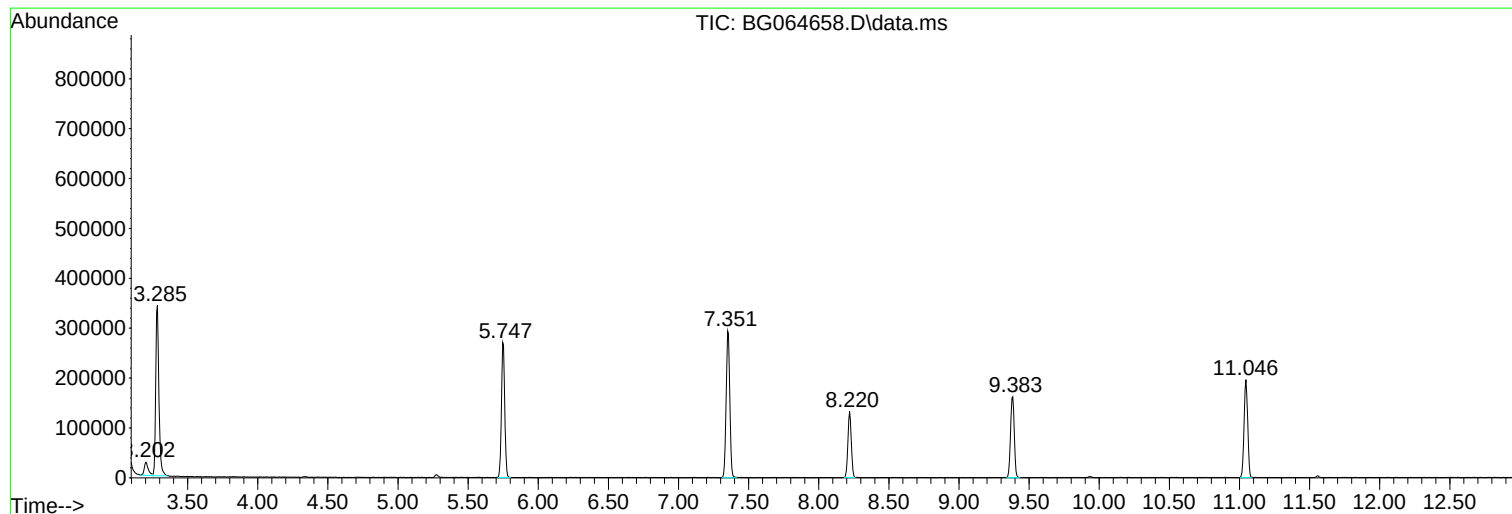
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
72-11986

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

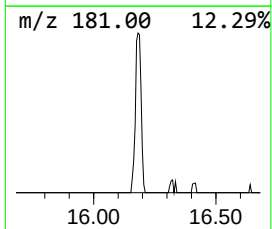
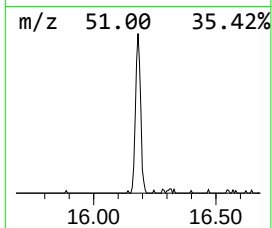
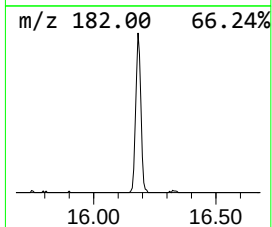
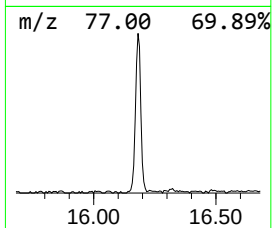
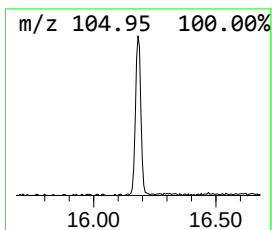
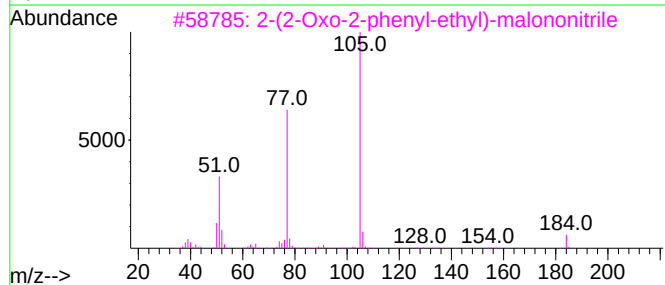
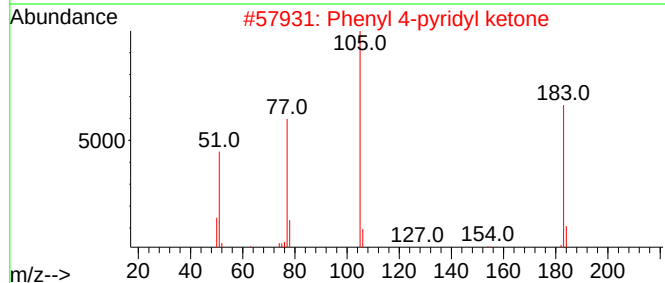
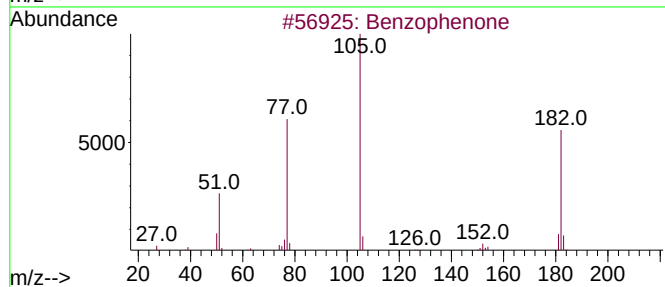
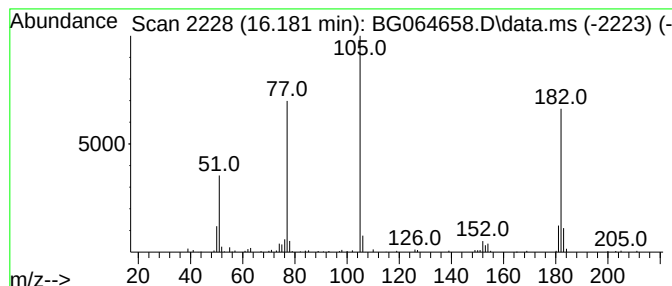
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.181 | 6.05 ng | 163929 | Acenaphthene-d10 | 14.842 |

| Hit# | of | 5 | Tentative ID                           | MW  | MolForm  | CAS#         | Qual |
|------|----|---|----------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                           | 182 | C13H10O  | 000119-61-9  | 97   |
| 2    |    |   | Phenyl 4-pyridyl ketone                | 183 | C12H9NO  | 014548-46-0  | 53   |
| 3    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malononitrile | 184 | C11H8N2O | 1000296-76-9 | 49   |
| 4    |    |   | Acetophenone, 2-chloro-                | 154 | C8H7ClO  | 000532-27-4  | 46   |
| 5    |    |   | Benzenecarbothioic acid, S-methy...    | 152 | C8H8OS   | 005925-68-8  | 43   |



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BNA\_G  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
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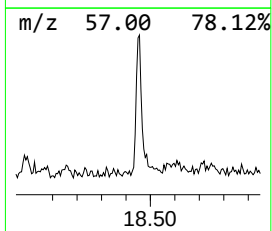
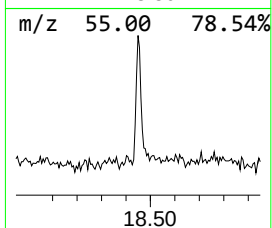
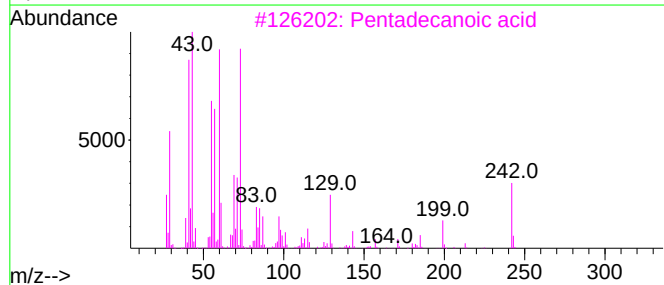
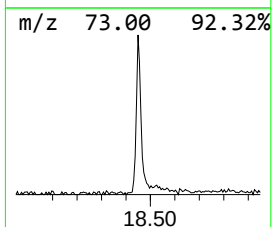
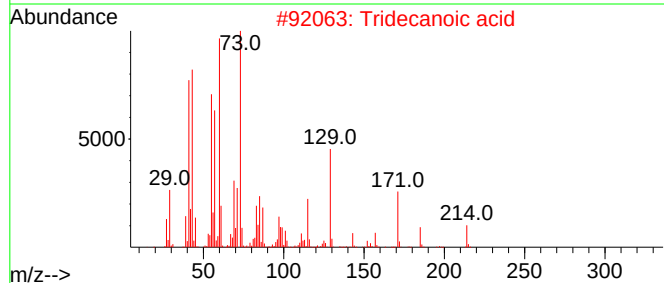
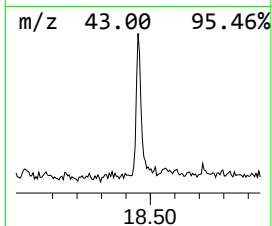
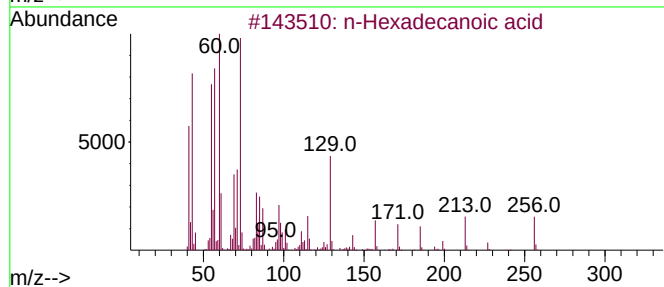
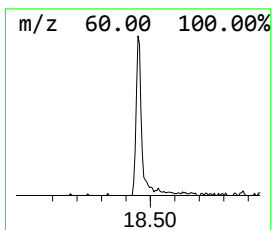
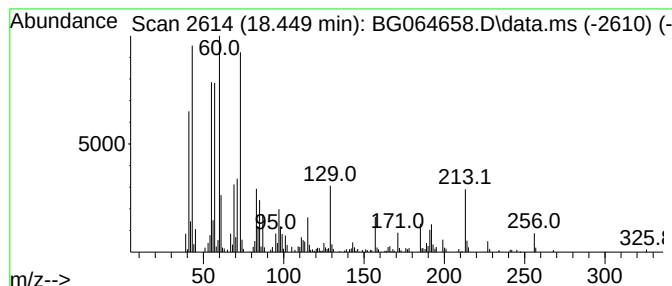
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.449 | 7.58 ng | 258588 | Phenanthrene-d10 | 17.580 |

| 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 | 89   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 60   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 60   |



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ALS Vial : 6 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
72-11986

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

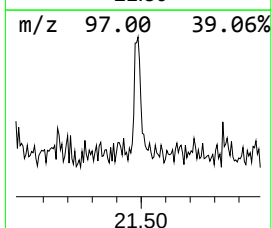
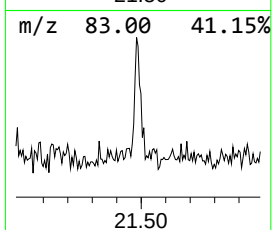
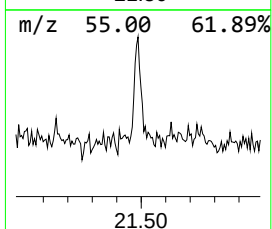
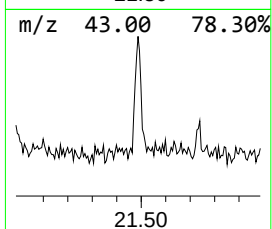
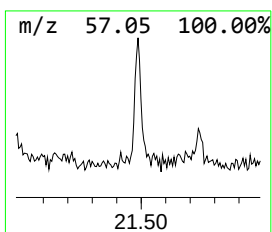
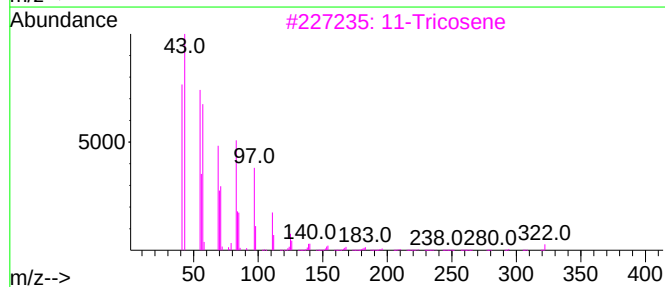
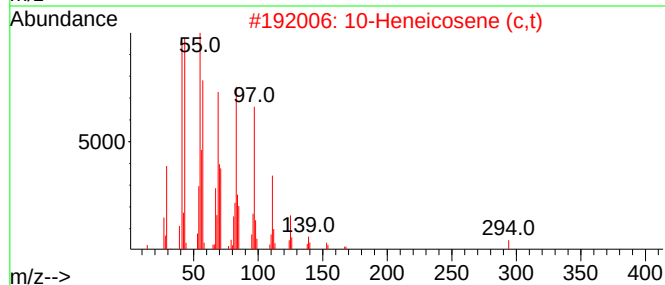
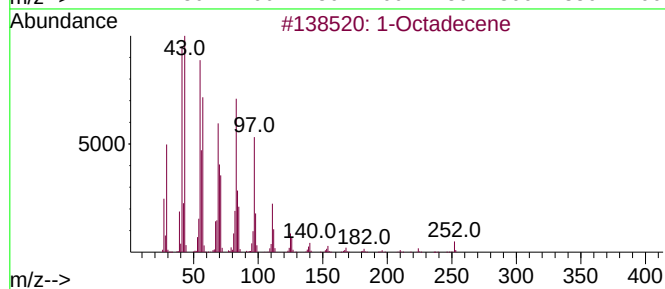
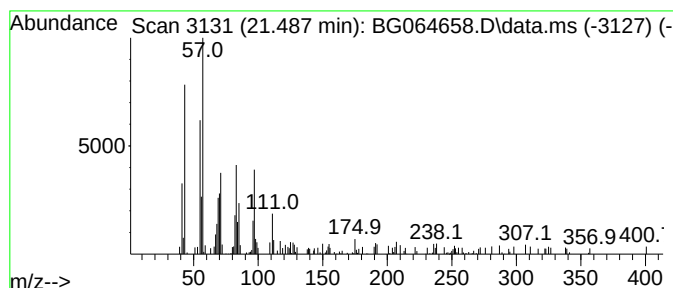
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Octadecene Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 21.487 | 2.24 ng | 99389 | Chrysene-d12     | 21.851 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-Octadecene                        | 252 | C18H36      | 000112-88-9  | 86   |
| 2    |    |   | 10-Heneicosene (c,t)                | 294 | C21H42      | 095008-11-0  | 83   |
| 3    |    |   | 11-Tricosene                        | 322 | C23H46      | 052078-56-5  | 83   |
| 4    |    |   | Nonadecyl trifluoroacetate          | 380 | C21H39F3O2  | 1000351-76-3 | 68   |
| 5    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 68   |



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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 |
| Benzophenone       | 16.181 | 6.0     | ng    | 163929   | 3                     | 14.842 | 541671 | 20.0 |
| n-Hexadecanoic ... | 18.449 | 7.6     | ng    | 258588   | 4                     | 17.580 | 682192 | 20.0 |
| 1-Octadecene       | 21.487 | 2.2     | ng    | 99389    | 5                     | 21.851 | 887267 | 20.0 |