

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN041019\  
 Data File : BN005130.D  
 Acq On : 10 Apr 2019 16:30  
 Operator : JU/SJ  
 Sample : K2343-07  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TP-7-D

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-BN032619.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 5.246       | 378           | 384         | 392          | rBB      | 124296         | 171952        | 45.32%          | 7.988%        |
| 2         | 6.834       | 647           | 654         | 662          | rBB      | 121455         | 185248        | 48.82%          | 8.606%        |
| 3         | 7.187       | 708           | 714         | 721          | rBB      | 135864         | 204347        | 53.86%          | 9.493%        |
| 4         | 7.652       | 788           | 793         | 798          | rBB      | 23948          | 34520         | 9.10%           | 1.604%        |
| 5         | 7.969       | 841           | 847         | 853          | rBB      | 99547          | 152309        | 40.14%          | 7.076%        |
| 6         | 8.816       | 985           | 991         | 998          | rBB      | 73717          | 112478        | 29.65%          | 5.225%        |
| 7         | 10.434      | 1260          | 1266        | 1273         | rBB      | 33456          | 51399         | 13.55%          | 2.388%        |
| 8         | 12.916      | 1681          | 1688        | 1694         | rBB      | 215372         | 301840        | 79.55%          | 14.022%       |
| 9         | 13.757      | 1827          | 1831        | 1836         | rBB      | 12838          | 15222         | 4.01%           | 0.707%        |
| 10        | 14.298      | 1918          | 1923        | 1929         | rBB2     | 48532          | 69968         | 18.44%          | 3.250%        |
| 11        | 15.798      | 2173          | 2178        | 2185         | rBB      | 166195         | 217656        | 57.37%          | 10.111%       |
| 12        | 17.051      | 2386          | 2391        | 2397         | rBB2     | 60367          | 77285         | 20.37%          | 3.590%        |
| 13        | 19.686      | 2834          | 2839        | 2844         | rBV      | 315483         | 379414        | 100.00%         | 17.626%       |
| 14        | 21.251      | 3100          | 3105        | 3110         | rBV      | 60463          | 73940         | 19.49%          | 3.435%        |
| 15        | 21.810      | 3198          | 3200        | 3204         | rBV      | 5172           | 5116          | 1.35%           | 0.238%        |
| 16        | 22.268      | 3275          | 3278        | 3282         | rBV      | 7261           | 7602          | 2.00%           | 0.353%        |
| 17        | 22.768      | 3359          | 3363        | 3367         | rBV      | 6760           | 8135          | 2.14%           | 0.378%        |
| 18        | 23.321      | 3454          | 3457        | 3462         | rVB      | 6305           | 7632          | 2.01%           | 0.355%        |
| 19        | 23.480      | 3478          | 3484        | 3492         | rVB2     | 40498          | 71275         | 18.79%          | 3.311%        |
| 20        | 23.957      | 3561          | 3565        | 3569         | rBV      | 3477           | 5287          | 1.39%           | 0.246%        |

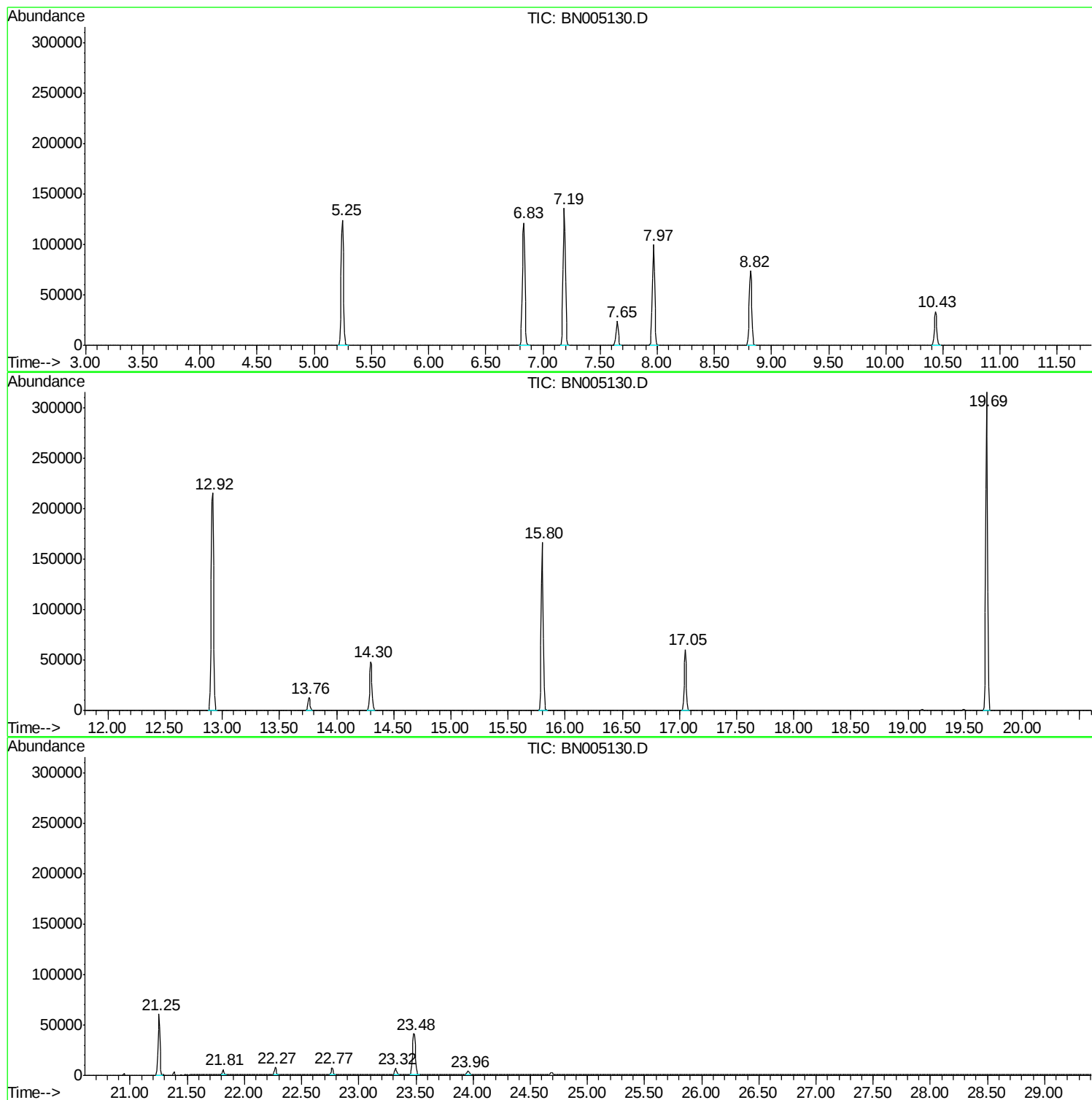
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BNA\_N  
ClientSampleId :  
TP-7-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-BN032619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

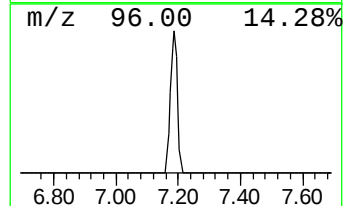
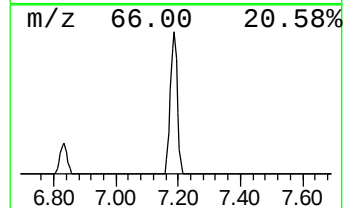
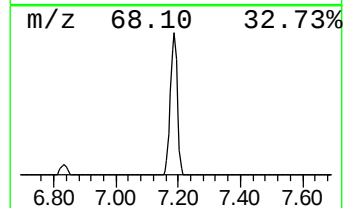
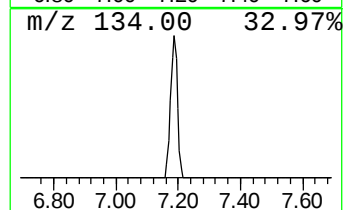
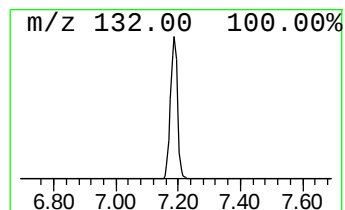
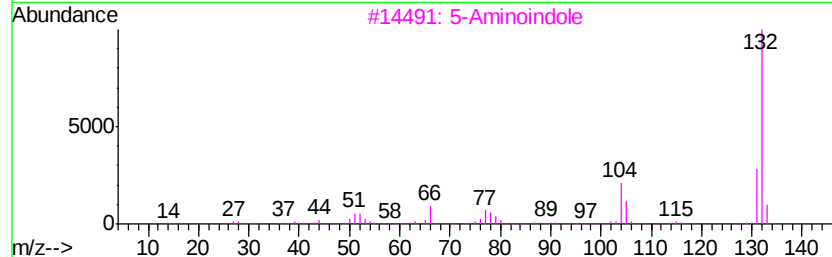
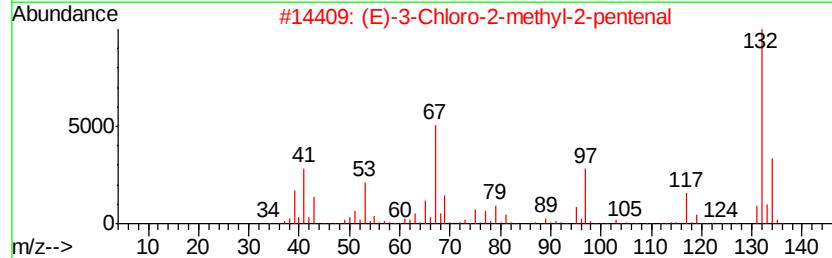
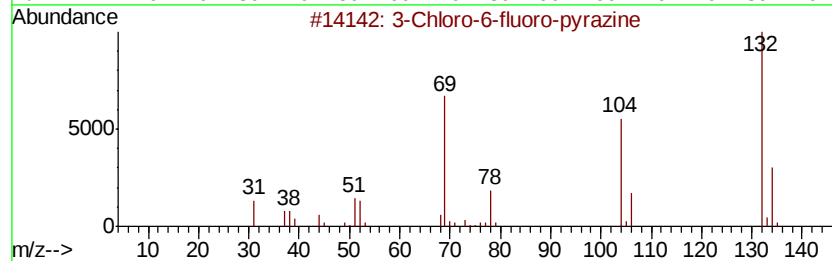
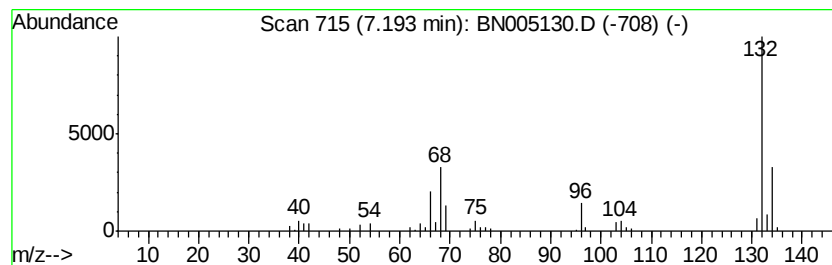
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.19 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 7.19 | 118.39 ng | 204347 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

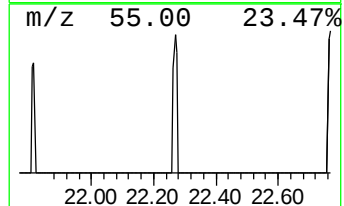
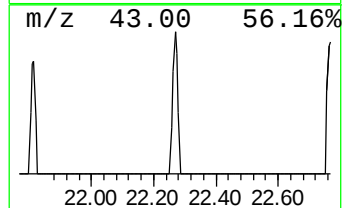
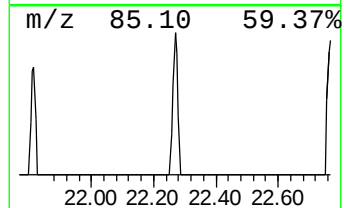
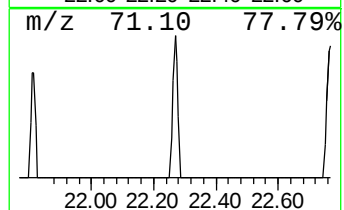
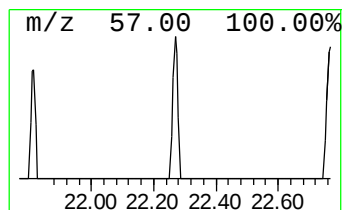
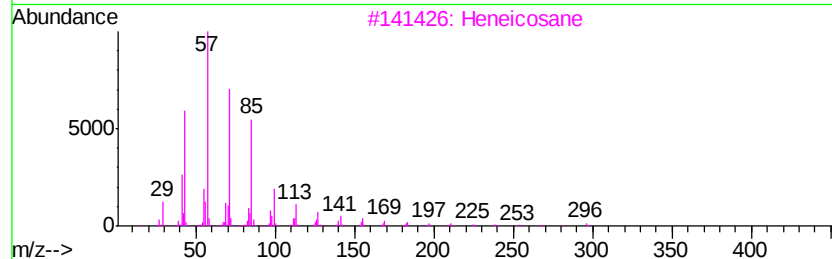
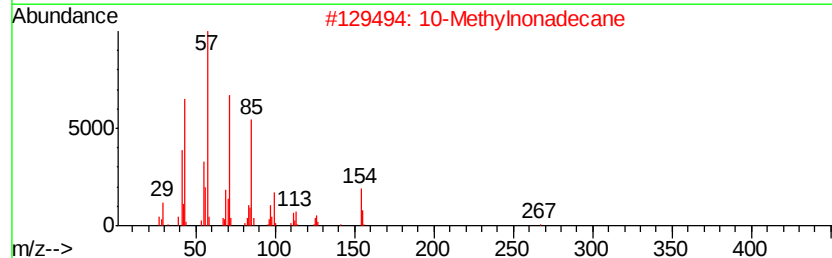
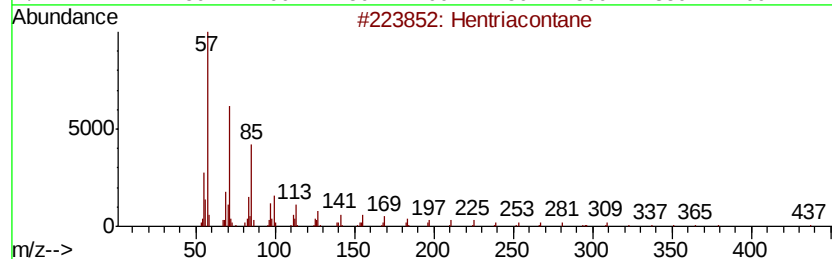
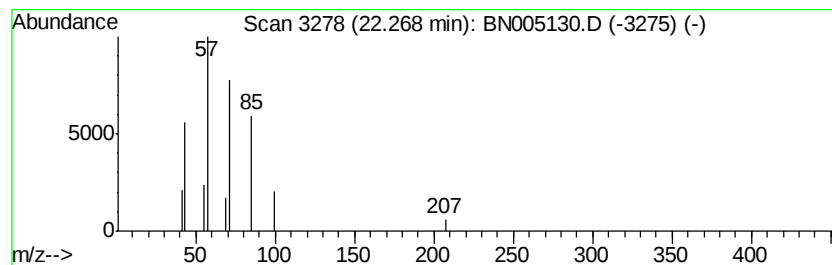
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Hentriacontane Concentration Rank 5

| R.T.  | EstConc | Area | Relative to ISTD | R.T.  |
|-------|---------|------|------------------|-------|
| 22.27 | 2.06 ng | 7602 | Chrysene-d12     | 21.25 |

| Hit# of | 5                    | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|---------|----------------------|--------------|-----|----------|-------------|------|
| 1       | Hentriacontane       |              | 437 | C31H64   | 000630-04-6 | 74   |
| 2       | 10-Methylnonadecane  |              | 282 | C20H42   | 056862-62-5 | 74   |
| 3       | Heneicosane          |              | 296 | C21H44   | 000629-94-7 | 74   |
| 4       | 2-Bromo dodecane     |              | 248 | C12H25Br | 013187-99-0 | 74   |
| 5       | Eicosane, 10-methyl- |              | 296 | C21H44   | 054833-23-7 | 74   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
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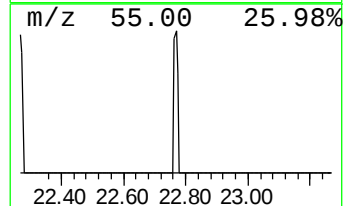
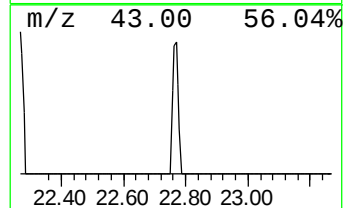
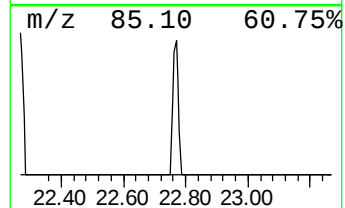
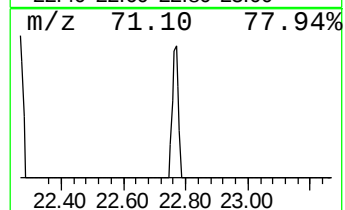
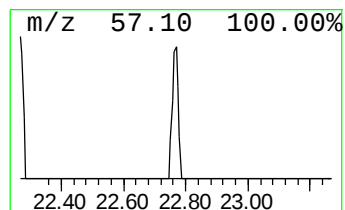
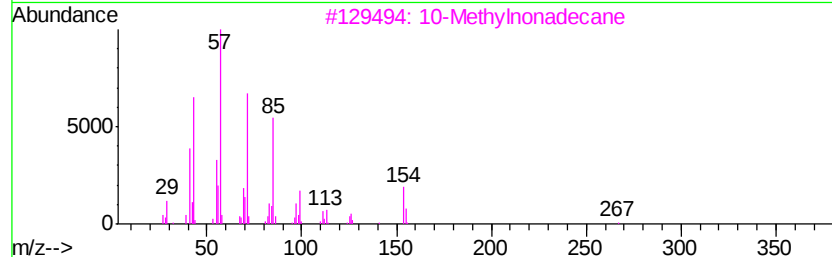
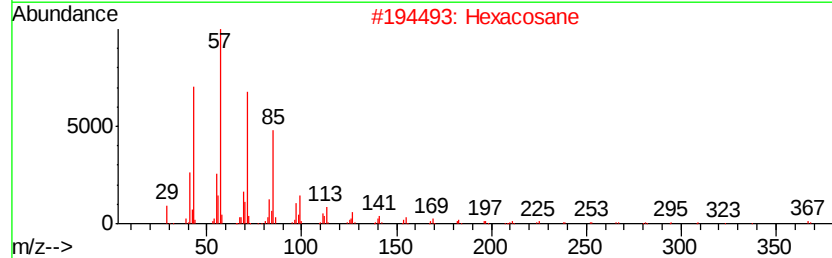
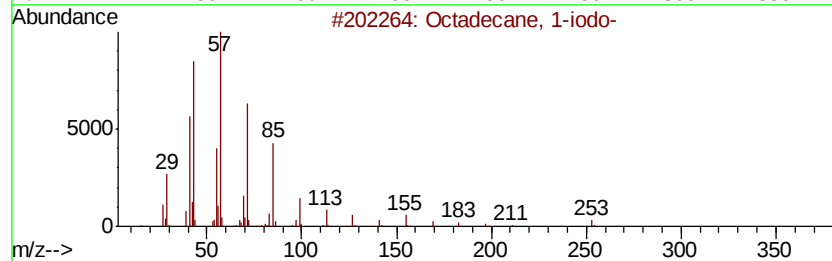
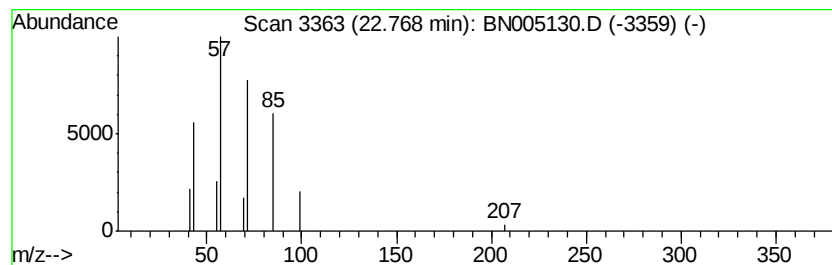
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octadecane, 1-iodo- Concentration Rank 3

| R.T.  | EstConc | Area | Relative to ISTD | R.T.  |
|-------|---------|------|------------------|-------|
| 22.77 | 2.28 ng | 8135 | Perylene-d12     | 23.48 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Octadecane, 1-iodo-                 | 380 | C18H37I   | 000629-93-6  | 83   |
| 2    |    | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 74   |
| 3    |    | 10-Methylnonadecane                 | 282 | C20H42    | 056862-62-5  | 74   |
| 4    |    | Heneicosane                         | 296 | C21H44    | 000629-94-7  | 74   |
| 5    |    | Sulfurous acid, butyl undecyl ester | 292 | C15H32O3S | 1000309-17-8 | 74   |



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ClientSampleId :  
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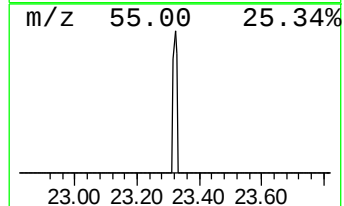
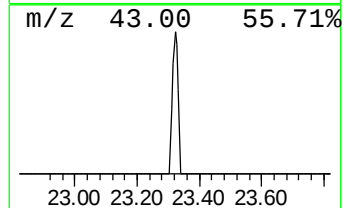
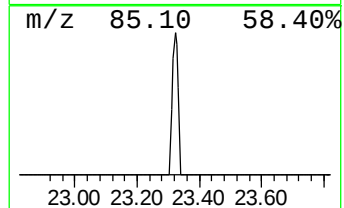
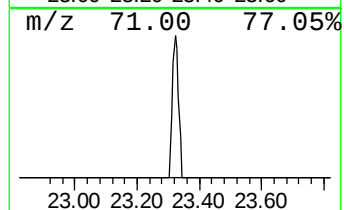
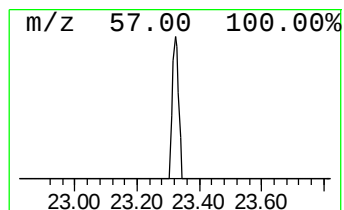
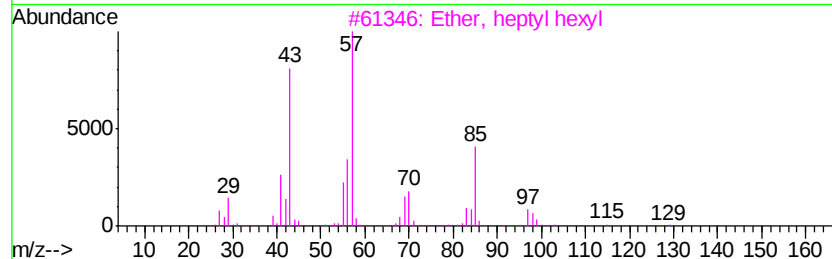
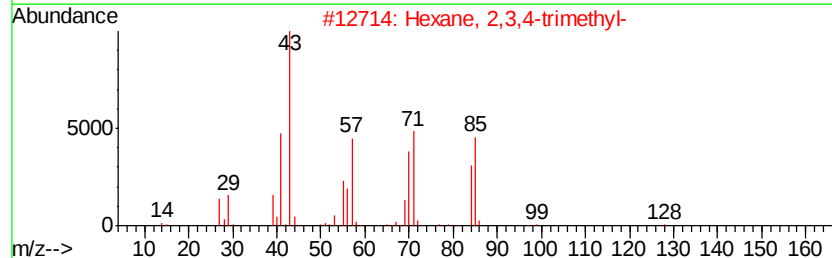
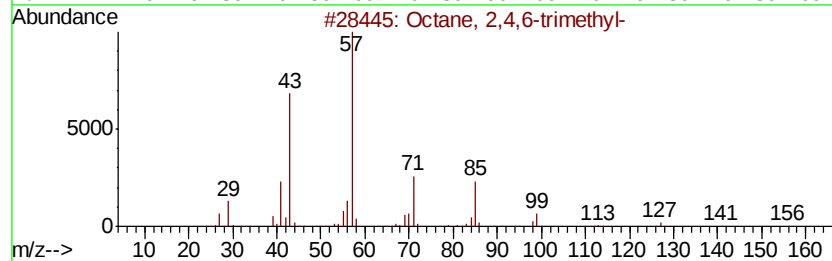
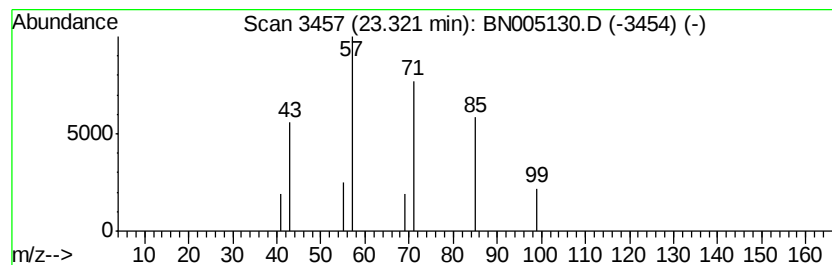
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown23.32 Concentration Rank 4

| R.T.  | EstConc | Area | Relative to ISTD | R.T.  |
|-------|---------|------|------------------|-------|
| 23.32 | 2.14 ng | 7632 | Perylene-d12     | 23.48 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------------|-----|---------|--------------|------|
| 1    | 5  | Octane, 2,4,6-trimethyl- | 156 | C11H24  | 062016-37-9  | 40   |
| 2    |    | Hexane, 2,3,4-trimethyl- | 128 | C9H20   | 000921-47-1  | 9    |
| 3    |    | Ether, heptyl hexyl      | 200 | C13H28O | 007289-40-9  | 9    |
| 4    |    | 1H-Tetrazol-5-amine      | 85  | CH3N5   | 004418-61-5  | 4    |
| 5    |    | 5H-Tetrazol-5-amine      | 85  | CH3N5   | 1000273-02-0 | 4    |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |       |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|-------|------|
|                     |       |         |       |          | #                     | RT    | Resp  | Conc |
| unknown7.19         | 7.19  | 118.4   | ng    | 204347   | 1                     | 7.65  | 34520 | 20.0 |
| Hentriacontane      | 22.27 | 2.1     | ng    | 7602     | 5                     | 21.25 | 73940 | 20.0 |
| Octadecane, 1-iodo- | 22.77 | 2.3     | ng    | 8135     | 6                     | 23.48 | 71275 | 20.0 |
| unknown23.32        | 23.32 | 2.1     | ng    | 7632     | 6                     | 23.48 | 71275 | 20.0 |