

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090825\  
 Data File : BG064307.D  
 Acq On : 8 Sep 2025 14:57  
 Operator : RC/JU  
 Sample : Q3023-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-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\_G\Methods\8270-BG082825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064307.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         | 4.970       | 315           | 320         | 328          | rVB      | 60844          | 90834         | 4.46%           | 0.970%        |
| 2         | 5.440       | 393           | 400         | 410          | rVB      | 399627         | 626600        | 30.78%          | 6.689%        |
| 3         | 7.021       | 662           | 669         | 676          | rBV      | 422748         | 689639        | 33.88%          | 7.362%        |
| 4         | 7.849       | 803           | 810         | 817          | rVB      | 113499         | 184382        | 9.06%           | 1.968%        |
| 5         | 9.001       | 997           | 1006        | 1016         | rBV      | 274373         | 469792        | 23.08%          | 5.015%        |
| 6         | 10.634      | 1276          | 1284        | 1291         | rBV      | 146060         | 254001        | 12.48%          | 2.711%        |
| 7         | 13.096      | 1696          | 1703        | 1710         | rBV      | 704870         | 1047282       | 51.44%          | 11.180%       |
| 8         | 14.471      | 1931          | 1937        | 1944         | rBV      | 226129         | 352420        | 17.31%          | 3.762%        |
| 9         | 15.834      | 2163          | 2169        | 2174         | rBV      | 66345          | 95258         | 4.68%           | 1.017%        |
| 10        | 15.963      | 2184          | 2191        | 2199         | rBV      | 644397         | 1005318       | 49.38%          | 10.732%       |
| 11        | 17.214      | 2396          | 2404        | 2410         | rBV      | 341003         | 498169        | 24.47%          | 5.318%        |
| 12        | 18.119      | 2551          | 2558        | 2566         | rBV      | 136257         | 216966        | 10.66%          | 2.316%        |
| 13        | 19.271      | 2747          | 2754        | 2759         | rBV2     | 29256          | 54166         | 2.66%           | 0.578%        |
| 14        | 19.388      | 2771          | 2774        | 2782         | rBV5     | 38379          | 58491         | 2.87%           | 0.624%        |
| 15        | 19.623      | 2808          | 2814        | 2823         | rVB      | 28742          | 48740         | 2.39%           | 0.520%        |
| 16        | 19.835      | 2842          | 2850        | 2858         | rBV      | 1537114        | 2035782       | 100.00%         | 21.732%       |
| 17        | 21.122      | 3065          | 3069        | 3075         | rBV2     | 100890         | 144000        | 7.07%           | 1.537%        |
| 18        | 21.357      | 3105          | 3109        | 3115         | rVB2     | 28449          | 35569         | 1.75%           | 0.380%        |
| 19        | 21.445      | 3117          | 3124        | 3129         | rBV2     | 418311         | 662741        | 32.55%          | 7.075%        |
| 20        | 22.567      | 3309          | 3315        | 3324         | rVB7     | 37277          | 73834         | 3.63%           | 0.788%        |
| 21        | 23.501      | 3469          | 3474        | 3476         | rBV5     | 25994          | 43475         | 2.14%           | 0.464%        |
| 22        | 24.453      | 3627          | 3636        | 3649         | rVB      | 250980         | 680190        | 33.41%          | 7.261%        |

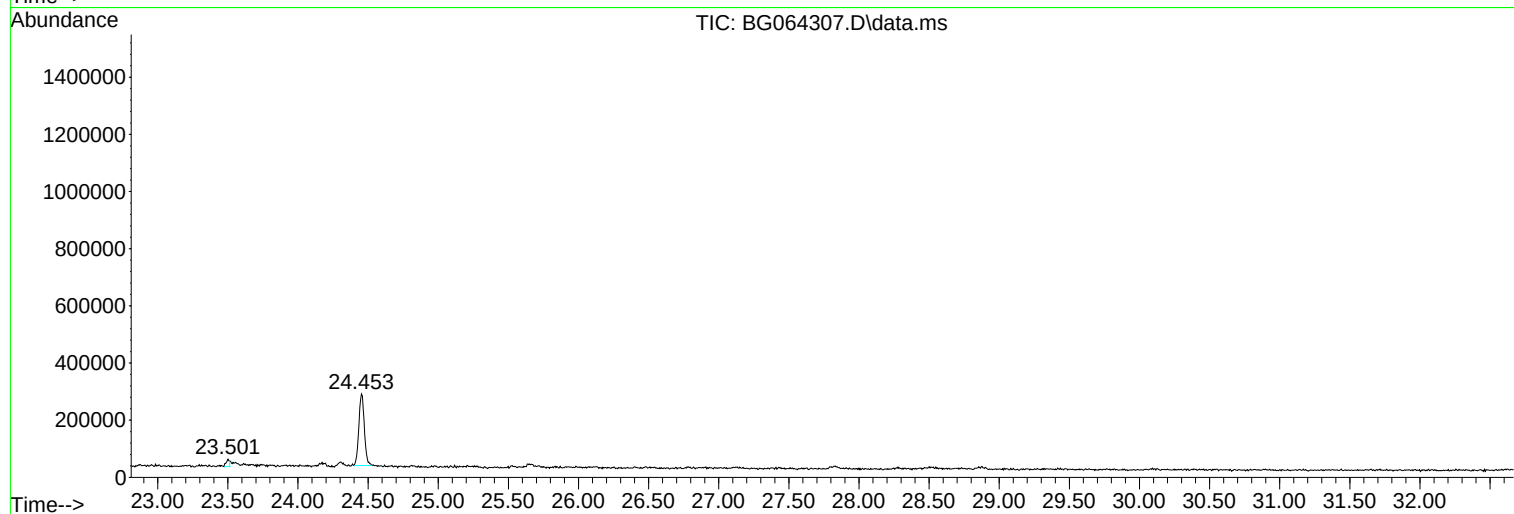
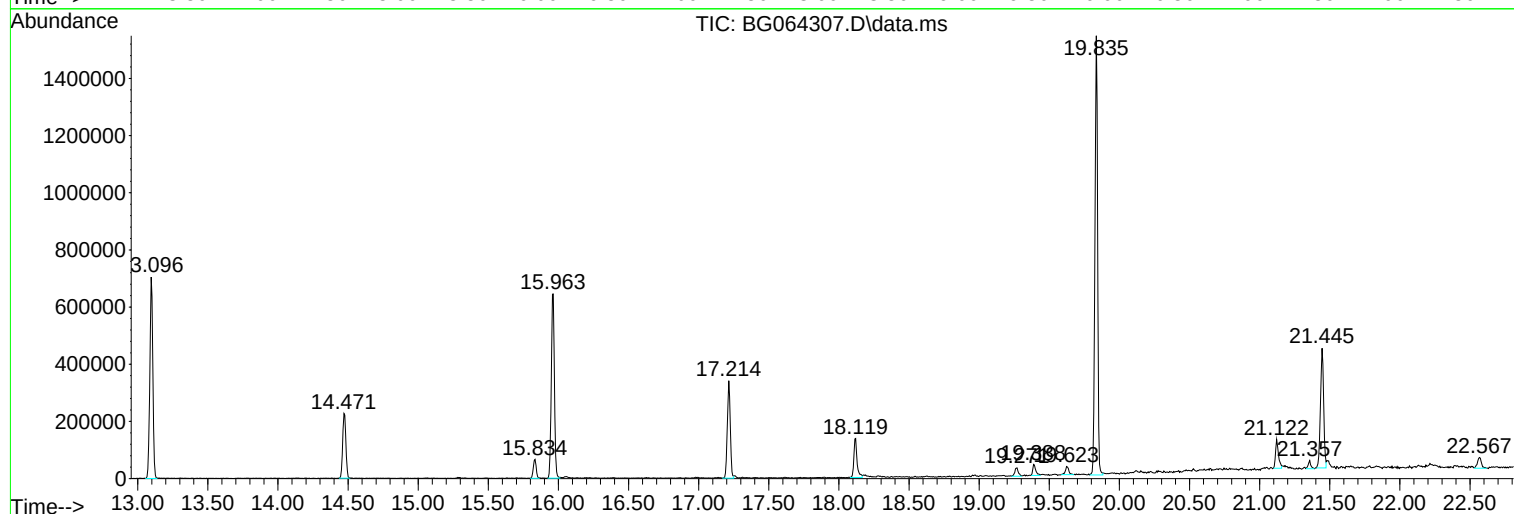
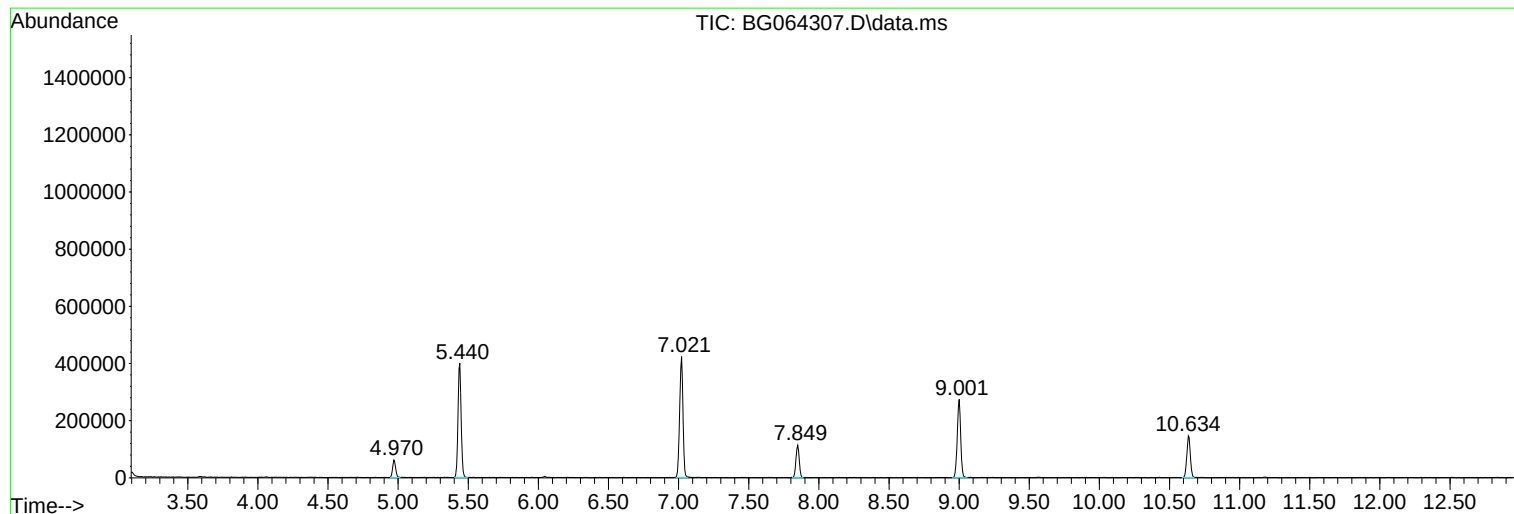
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BNA\_G  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.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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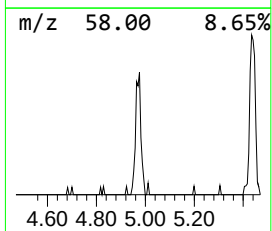
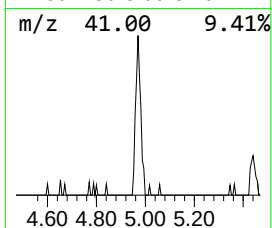
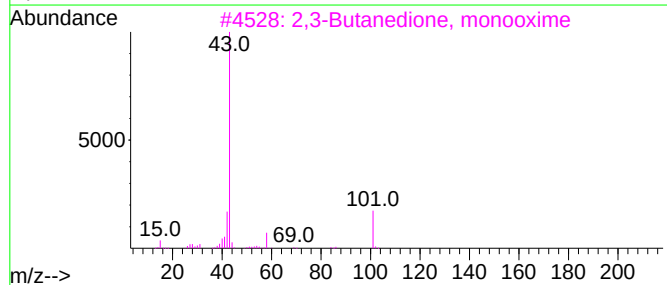
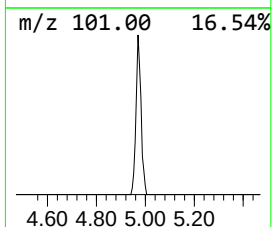
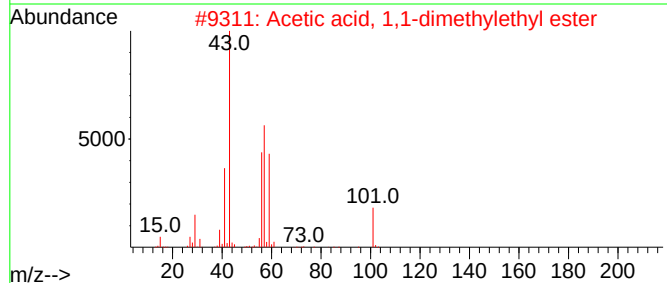
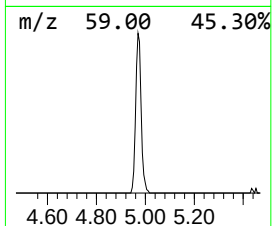
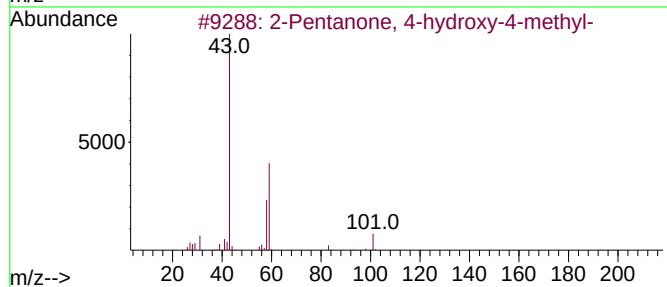
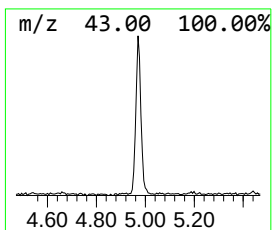
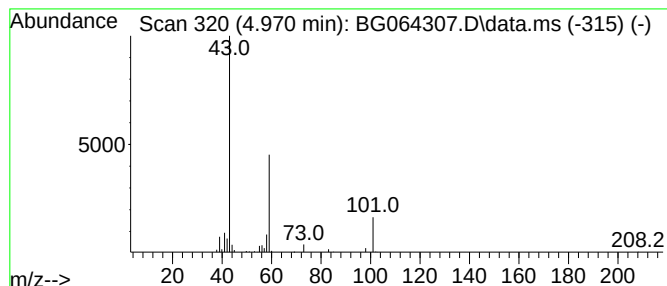
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.  |
|-------|---------|-------|------------------------|-------|
| 4.970 | 9.85 ng | 90834 | 1,4-Dichlorobenzene-d4 | 7.849 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 39   |
| 3    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 27   |
| 4    |    |   | Propylamine                         | 59  | C3H9N   | 000107-10-8 | 9    |
| 5    |    |   | 2-Propyn-1-ol, acetate              | 98  | C5H6O2  | 000627-09-8 | 9    |



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Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

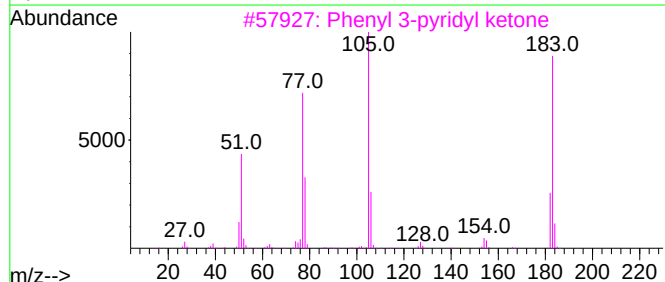
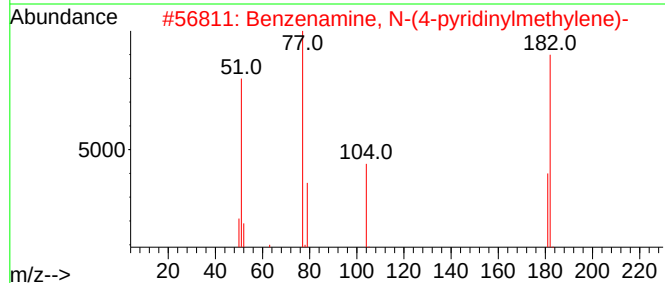
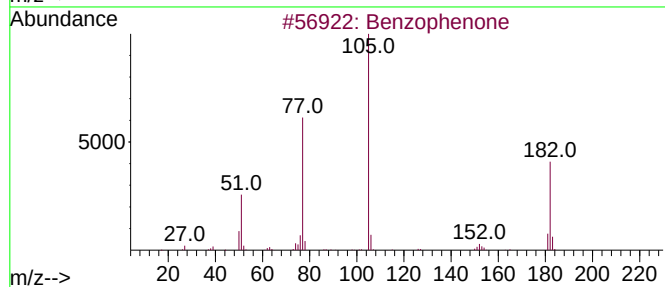
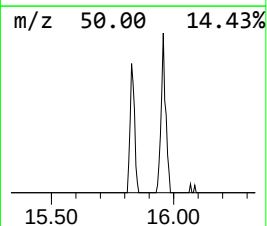
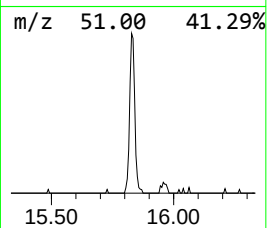
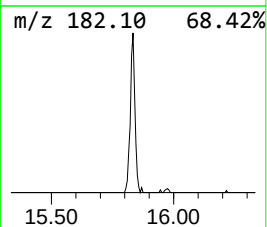
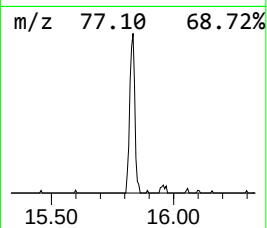
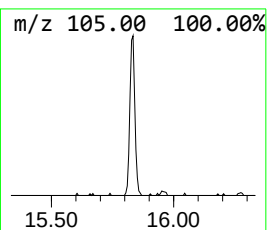
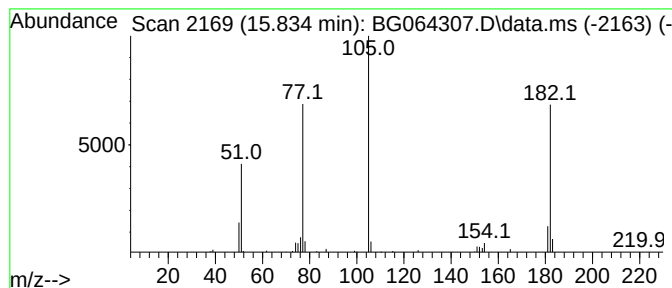
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.834 | 5.41 ng | 95258 | Acenaphthene-d10 | 14.471 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9  | 91   |
| 2    |    |   | Benzenamine, N-(4-pyridinylmethy... | 182 | C12H10N2  | 027768-46-3  | 64   |
| 3    |    |   | Phenyl 3-pyridyl ketone             | 183 | C12H9NO   | 005424-19-1  | 59   |
| 4    |    |   | Acetic acid, 2-benzoylthio-, 2-o... | 314 | C17H14O4S | 1000260-20-1 | 47   |
| 5    |    |   | Benzeneacetic acid, .alpha.-oxo-... | 164 | C9H8O3    | 015206-55-0  | 47   |



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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
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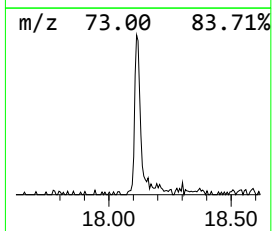
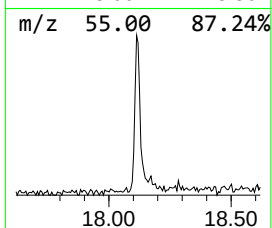
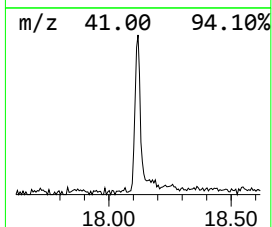
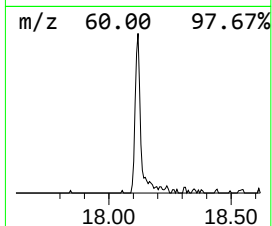
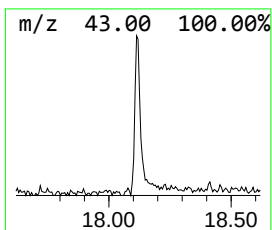
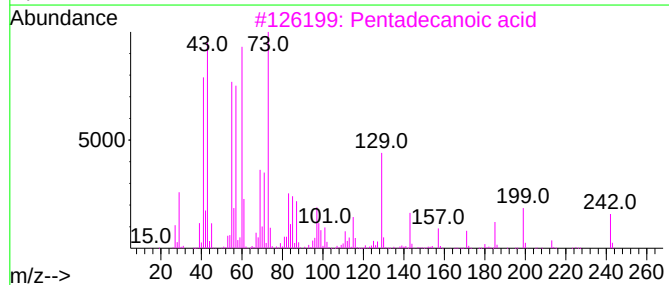
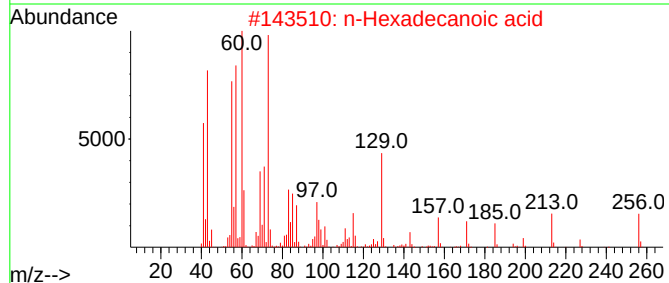
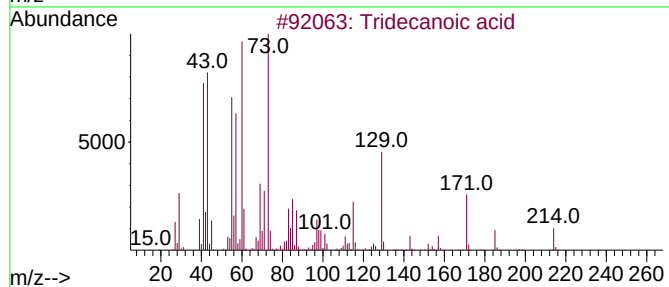
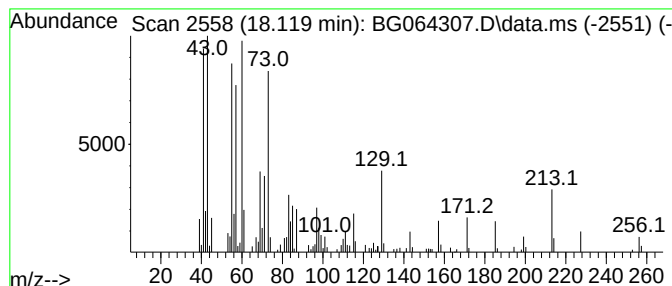
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Tridecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.119 | 8.71 ng | 216966 | Phenanthrene-d10 | 17.215 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 74   |
| 5    |    |   | Nonanoic acid       | 158 | C9H18O2  | 000112-05-0 | 53   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

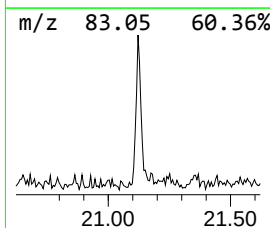
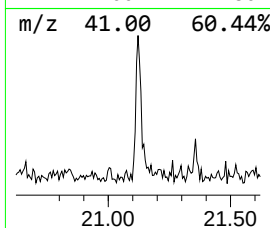
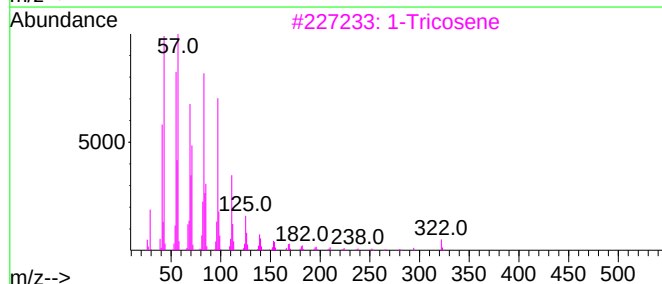
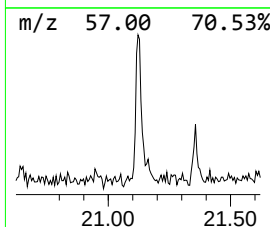
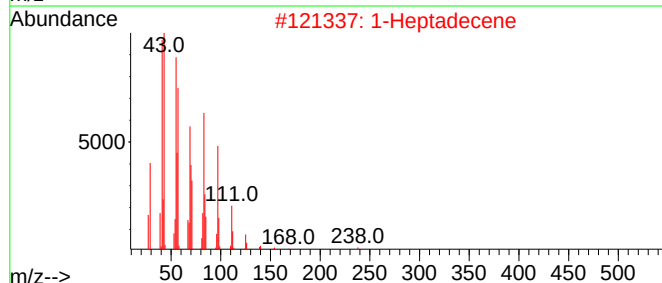
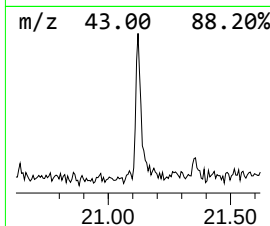
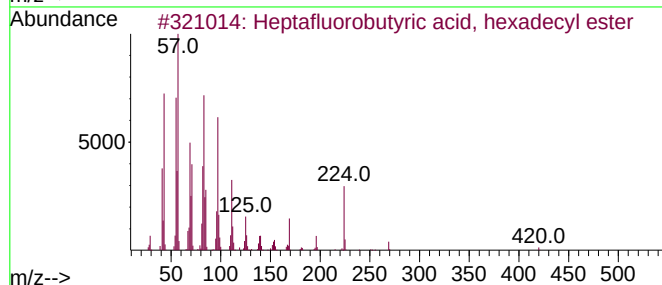
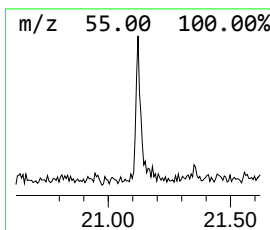
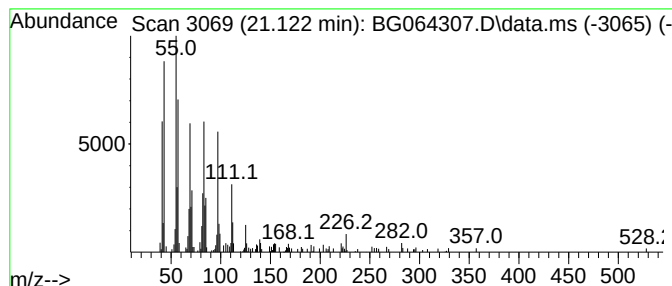
TIC Library : C:\Database\NIST20.L  
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Peak Number 5 Heptafluorobutyric acid, he... Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.122 | 4.35 ng | 144000 | Chrysene-d12     | 21.445 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5  | 91   |
| 2    |    |   | 1-Heptadecene                       | 238 | C17H34     | 006765-39-5  | 91   |
| 3    |    |   | 1-Tricosene                         | 322 | C23H46     | 018835-32-0  | 91   |
| 4    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2 | 1010351-87-0 | 91   |
| 5    |    |   | 13-Tetradecen-1-ol acetate          | 254 | C16H30O2   | 056221-91-1  | 91   |



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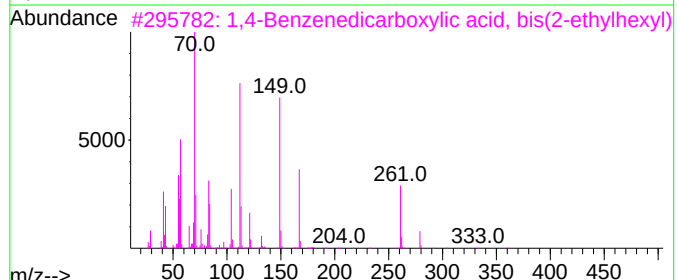
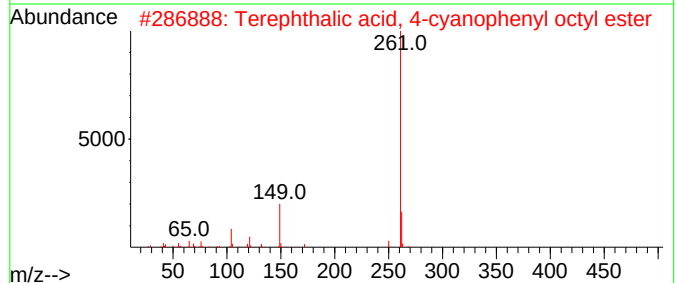
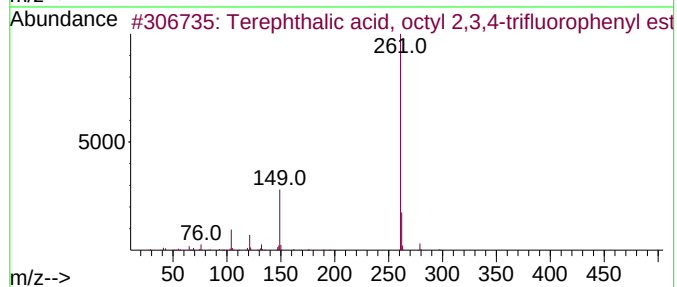
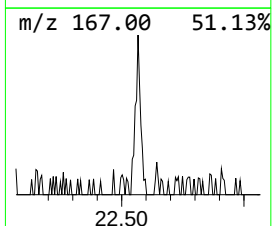
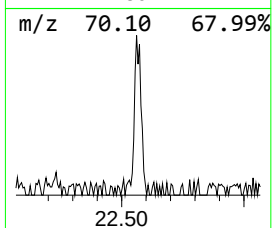
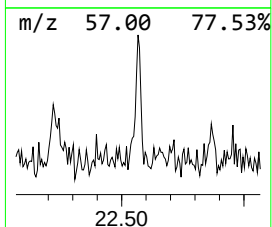
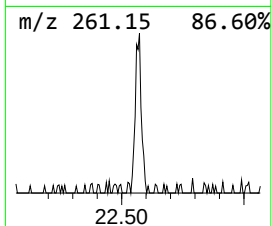
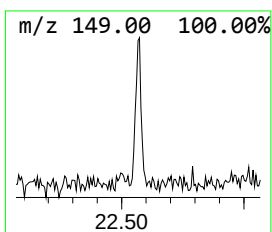
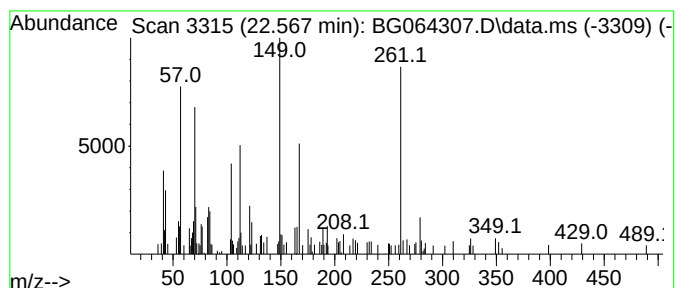
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Peak Number 6 Terephthalic acid, octyl 2,... Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 22.567 | 2.23 ng | 73834 | Chrysene-d12     | 21.445 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Terephthalic acid, octyl 2,3,4-t... | 408 | C22H23F3O4 | 1010415-80-4 | 52   |
| 2    |    |   | Terephthalic acid, 4-cyanophenyl... | 379 | C23H25NO4  | 1000323-66-6 | 47   |
| 3    |    |   | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4   | 006422-86-2  | 47   |
| 4    |    |   | 1,3-Benzenedicarboxylic acid, bi... | 390 | C24H38O4   | 000137-89-3  | 46   |
| 5    |    |   | Isophthalic acid, 2-fluorophenyl... | 372 | C22H25FO4  | 1000344-65-7 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090825\  
Data File : BG064307.D  
Acq On : 8 Sep 2025 14:57  
Operator : RC/JU  
Sample : Q3023-04  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 4.970  | 9.8     | ng    | 90834    | 1                     | 7.849  | 184382 | 20.0 |
| Benzophenone       | 15.834 | 5.4     | ng    | 95258    | 3                     | 14.471 | 352420 | 20.0 |
| Tridecanoic acid   | 18.119 | 8.7     | ng    | 216966   | 4                     | 17.215 | 498169 | 20.0 |
| Heptafluorobuty... | 21.122 | 4.3     | ng    | 144000   | 5                     | 21.445 | 662741 | 20.0 |
| Terephthalic ac... | 22.567 | 2.2     | ng    | 73834    | 5                     | 21.445 | 662741 | 20.0 |