

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091025\  
 Data File : BG064342.D  
 Acq On : 10 Sep 2025 21:32  
 Operator : RC/JU  
 Sample : Q3059-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TR-06-09092025

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: BG064342.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         | 4.969       | 311           | 320         | 327          | rBV      | 30367          | 49503         | 3.47%           | 0.680%        |
| 2         | 5.439       | 393           | 400         | 408          | rBV      | 282153         | 441433        | 30.97%          | 6.060%        |
| 3         | 7.019       | 661           | 669         | 677          | rBV      | 316629         | 516979        | 36.27%          | 7.097%        |
| 4         | 7.848       | 803           | 810         | 817          | rBV      | 96072          | 157481        | 11.05%          | 2.162%        |
| 5         | 8.999       | 996           | 1006        | 1016         | rBV      | 188550         | 345693        | 24.25%          | 4.746%        |
| 6         | 10.633      | 1277          | 1284        | 1292         | rBV      | 126007         | 215249        | 15.10%          | 2.955%        |
| 7         | 13.094      | 1696          | 1703        | 1711         | rBV      | 513775         | 786859        | 55.20%          | 10.802%       |
| 8         | 14.469      | 1931          | 1937        | 1944         | rVB      | 209248         | 311430        | 21.85%          | 4.275%        |
| 9         | 15.826      | 2161          | 2168        | 2174         | rBV      | 90698          | 126172        | 8.85%           | 1.732%        |
| 10        | 15.956      | 2183          | 2190        | 2200         | rBV2     | 507616         | 761606        | 53.43%          | 10.455%       |
| 11        | 16.391      | 2258          | 2264        | 2268         | rBV4     | 12040          | 18635         | 1.31%           | 0.256%        |
| 12        | 16.919      | 2350          | 2354        | 2361         | rVB6     | 15651          | 20622         | 1.45%           | 0.283%        |
| 13        | 17.207      | 2397          | 2403        | 2409         | rBV2     | 271467         | 409282        | 28.71%          | 5.619%        |
| 14        | 17.248      | 2409          | 2410        | 2416         | rVB2     | 17271          | 18282         | 1.28%           | 0.251%        |
| 15        | 18.112      | 2549          | 2557        | 2564         | rBV3     | 128218         | 212989        | 14.94%          | 2.924%        |
| 16        | 18.277      | 2580          | 2585        | 2588         | rBV5     | 10167          | 16873         | 1.18%           | 0.232%        |
| 17        | 18.306      | 2588          | 2590        | 2597         | rVB6     | 8362           | 15198         | 1.07%           | 0.209%        |
| 18        | 19.264      | 2746          | 2753        | 2757         | rBV      | 50633          | 77547         | 5.44%           | 1.065%        |
| 19        | 19.381      | 2769          | 2773        | 2778         | rBV6     | 32464          | 50950         | 3.57%           | 0.699%        |
| 20        | 19.622      | 2807          | 2814        | 2820         | rBV      | 60240          | 102813        | 7.21%           | 1.411%        |
| 21        | 19.828      | 2843          | 2849        | 2856         | rBV      | 1099764        | 1425427       | 100.00%         | 19.568%       |
| 22        | 20.116      | 2894          | 2898        | 2902         | rBV6     | 17944          | 23708         | 1.66%           | 0.325%        |
| 23        | 21.114      | 3064          | 3068        | 3075         | rVB2     | 69180          | 101658        | 7.13%           | 1.396%        |
| 24        | 21.438      | 3116          | 3123        | 3128         | rBV      | 341263         | 554364        | 38.89%          | 7.610%        |
| 25        | 24.440      | 3626          | 3634        | 3650         | rBV      | 187622         | 523646        | 36.74%          | 7.189%        |

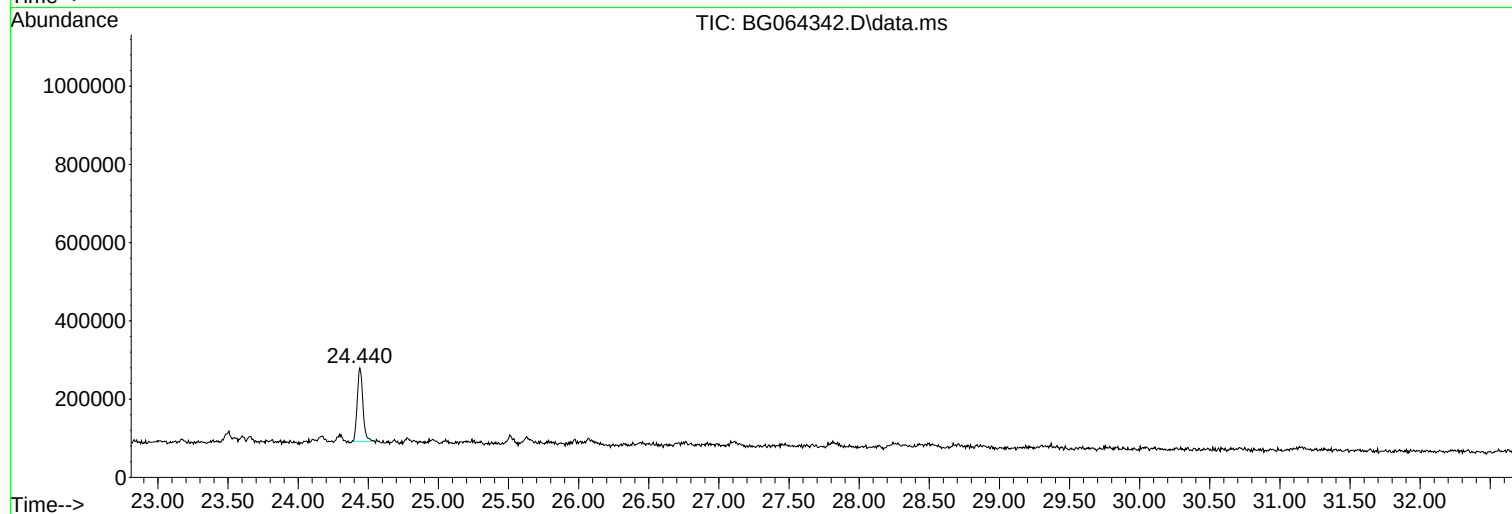
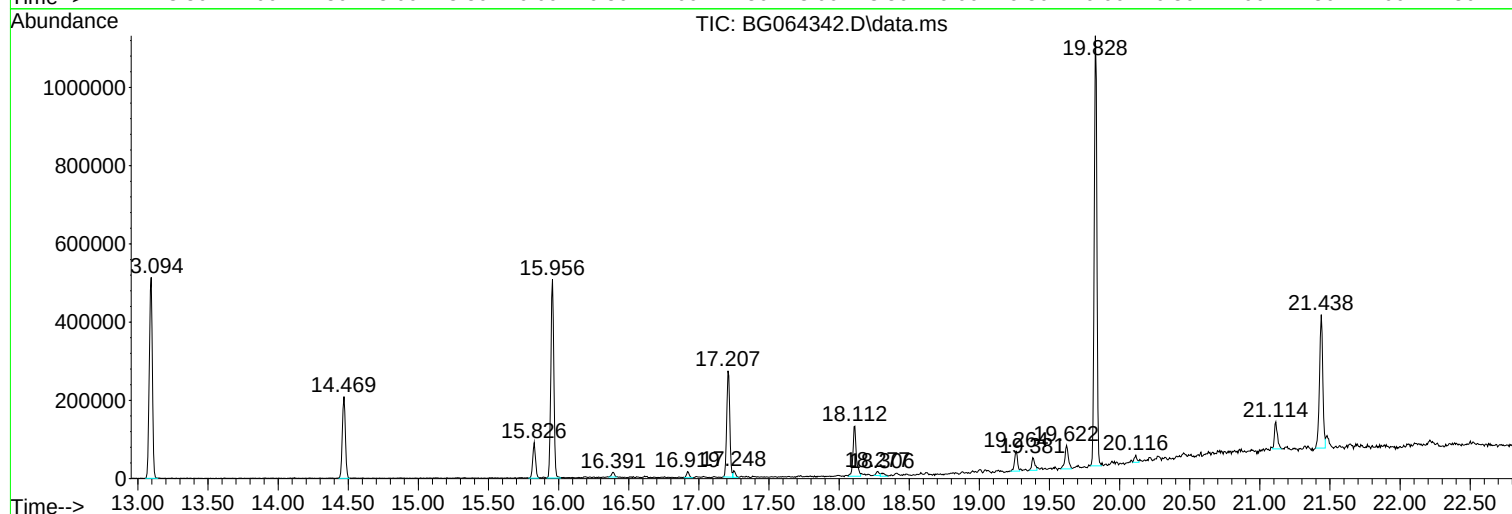
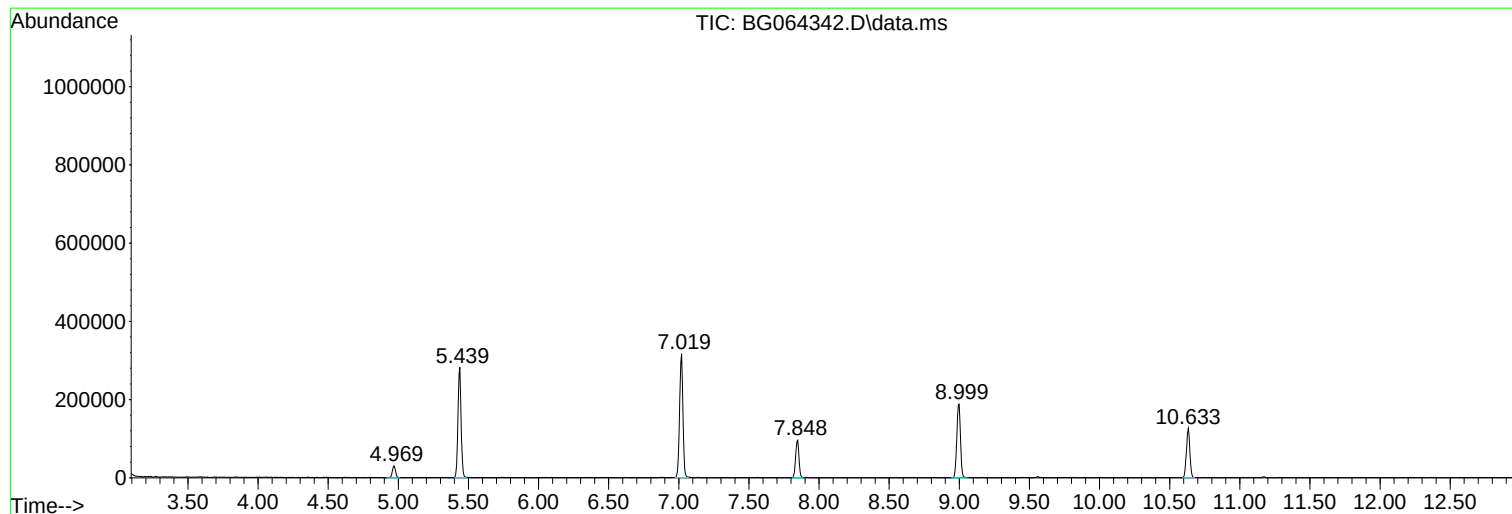
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Sample : Q3059-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TR-06-09092025

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

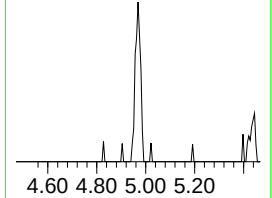
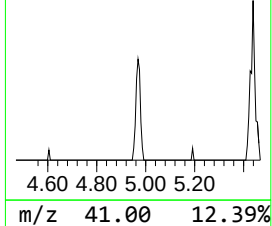
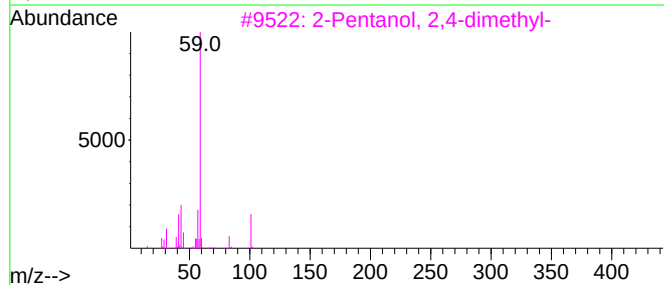
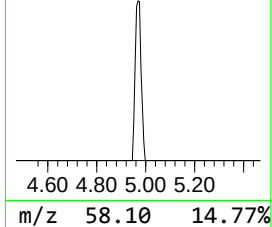
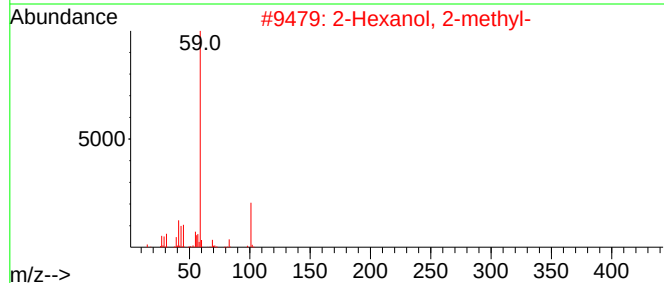
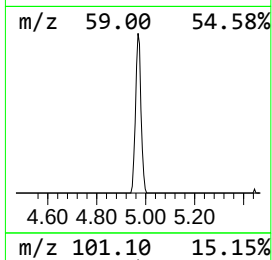
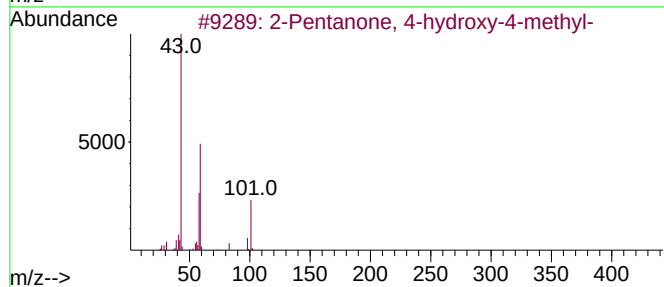
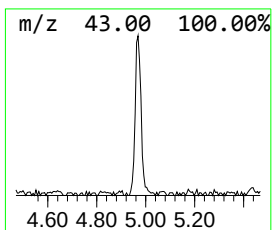
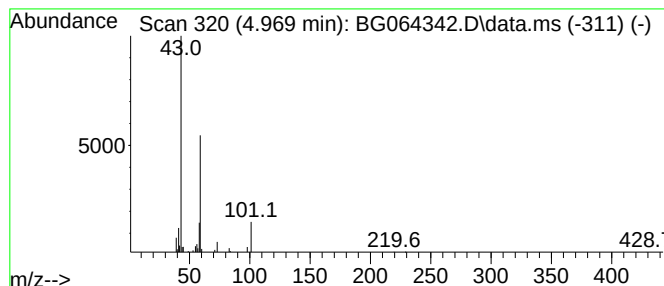
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown4.969 Concentration Rank 3

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 4.969 | 6.29 ng | 49503 | 1,4-Dichlorobenzene-d4 | 7.842 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45   |
| 2    |    |   | 2-Hexanol, 2-methyl-             | 116 | C7H16O  | 000625-23-0 | 32   |
| 3    |    |   | 2-Pentanol, 2,4-dimethyl-        | 116 | C7H16O  | 000625-06-9 | 25   |
| 4    |    |   | 3-Hexanol                        | 102 | C6H14O  | 000623-37-0 | 25   |
| 5    |    |   | 3-Octanol                        | 130 | C8H18O  | 000589-98-0 | 25   |



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Sample : Q3059-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TR-06-09092025

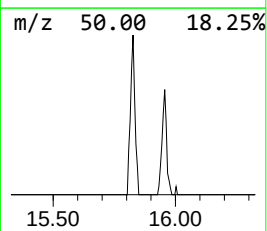
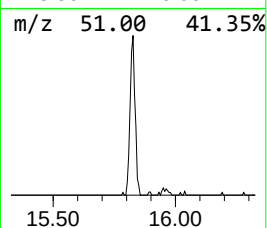
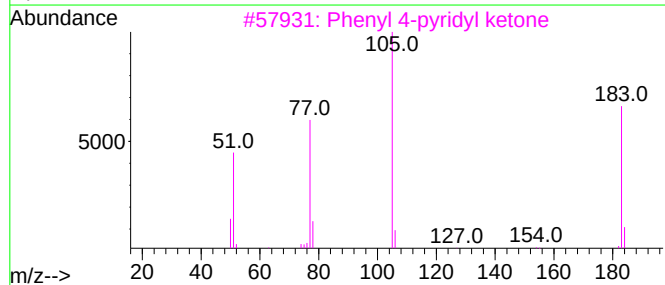
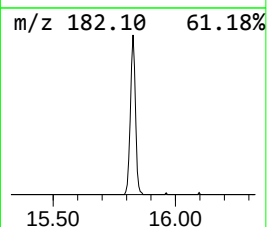
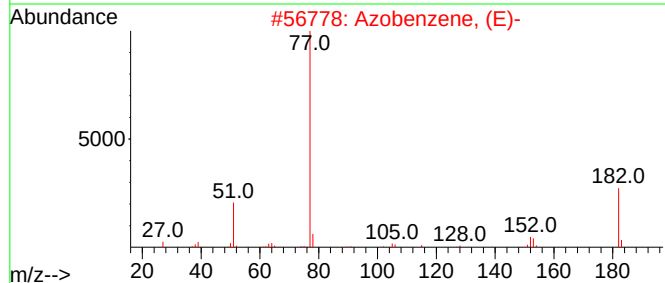
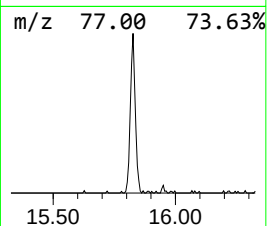
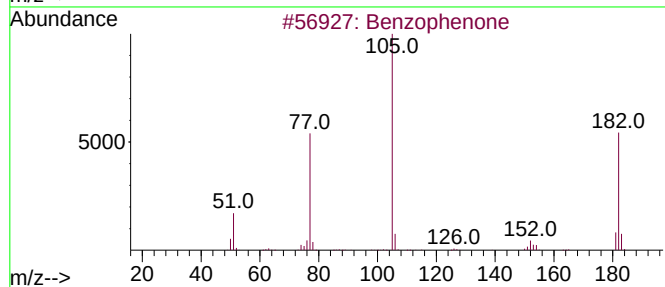
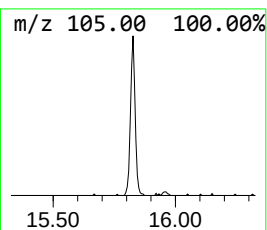
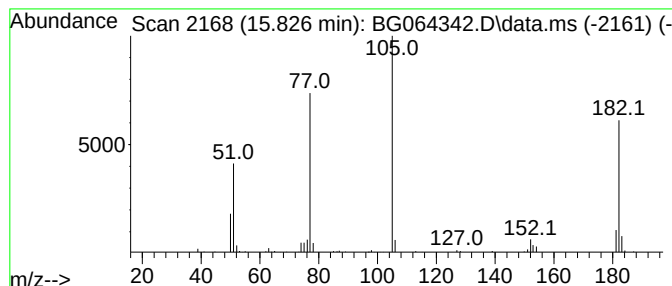
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.826 | 8.10 ng | 126172 | Acenaphthene-d10 | 14.469 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9  | 95   |
| 2    |    |   | Azobenzene, (E)-                    | 182 | C12H10N2 | 017082-12-1  | 64   |
| 3    |    |   | Phenyl 4-pyridyl ketone             | 183 | C12H9NO  | 014548-46-0  | 62   |
| 4    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8  | 62   |
| 5    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O | 1000296-76-9 | 58   |



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Sample : Q3059-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TR-06-09092025

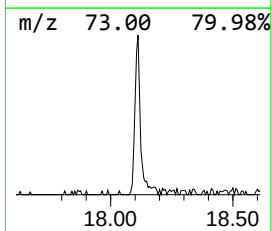
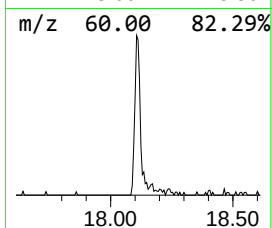
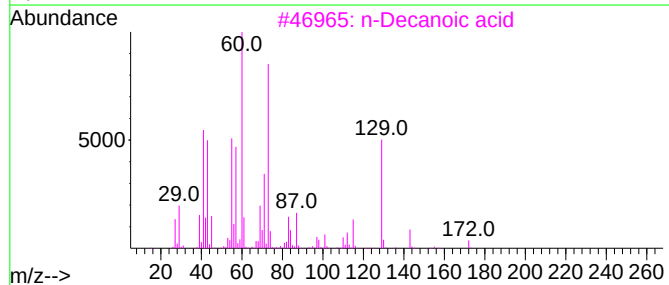
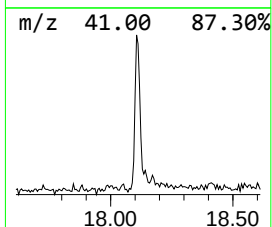
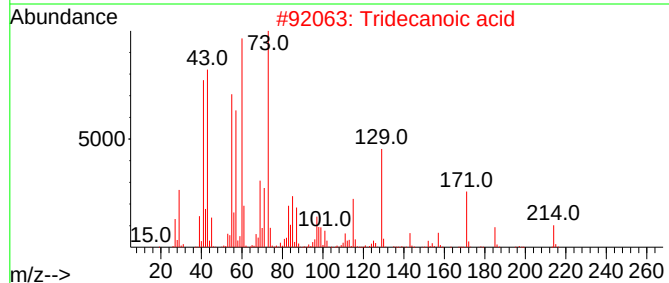
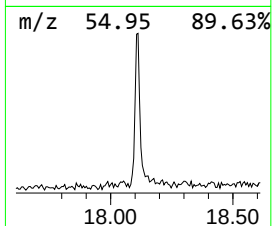
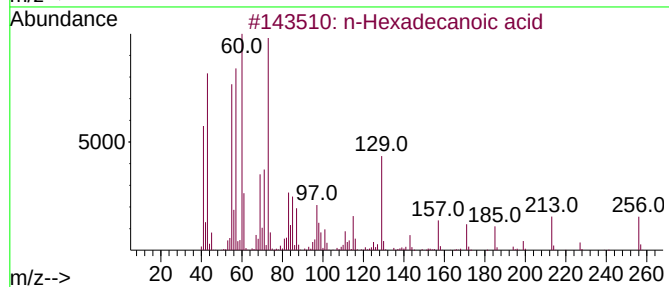
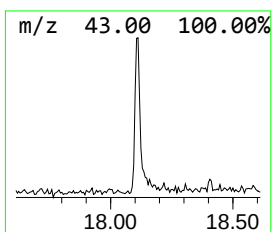
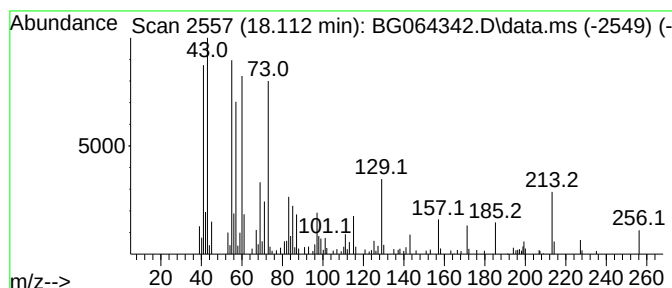
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T.      | EstConc             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 18.112    | 10.41 ng            | 212989 | Phenanthrene-d10 |          | 17.207      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 98   |
| 2         | Tridecanoic acid    |        | 214              | C13H26O2 | 000638-53-9 | 95   |
| 3         | n-Decanoic acid     |        | 172              | C10H20O2 | 000334-48-5 | 70   |
| 4         | Pentadecanoic acid  |        | 242              | C15H30O2 | 001002-84-2 | 68   |
| 5         | Tetradecanoic acid  |        | 228              | C14H28O2 | 000544-63-8 | 59   |



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

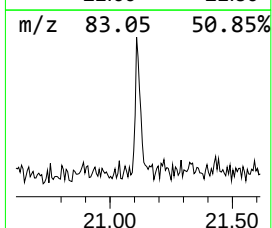
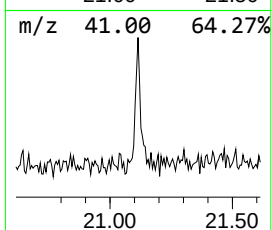
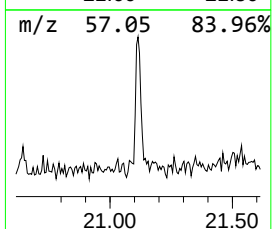
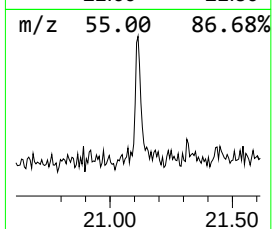
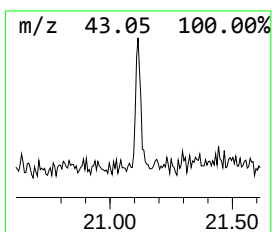
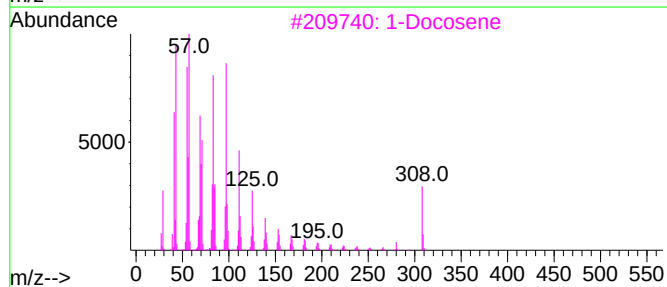
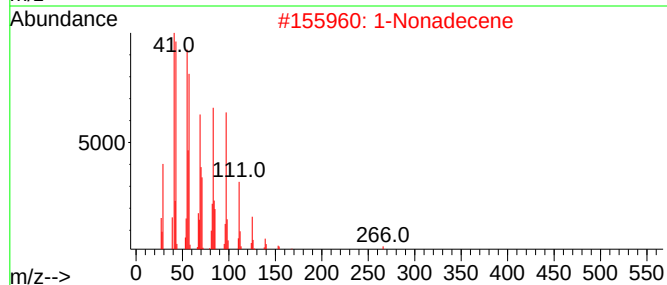
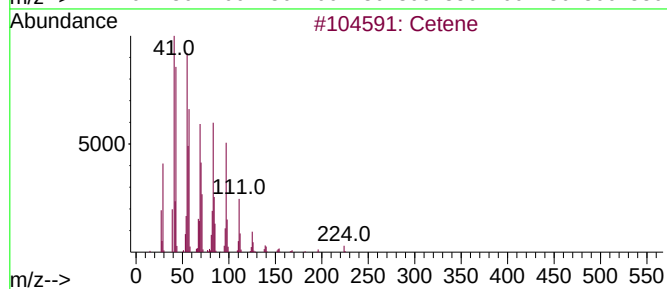
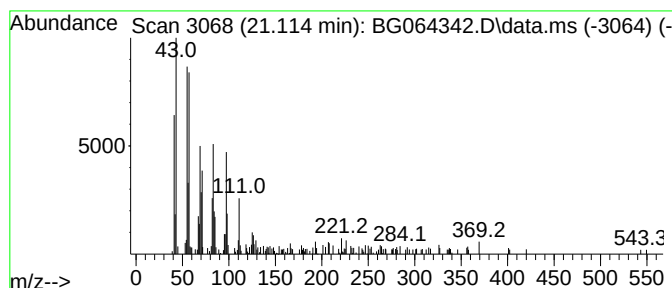
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Cetene Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.114 | 3.67 ng | 101658 | Chrysene-d12     | 21.438 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Cetene               | 224 | C16H32  | 000629-73-2 | 96   |
| 2    |    |   | 1-Nonadecene         | 266 | C19H38  | 018435-45-5 | 93   |
| 3    |    |   | 1-Docosene           | 308 | C22H44  | 001599-67-3 | 93   |
| 4    |    |   | 1-Eicosene           | 280 | C20H40  | 003452-07-1 | 93   |
| 5    |    |   | 10-Heneicosene (c,t) | 294 | C21H42  | 095008-11-0 | 93   |



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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 |
| unknown4.969       | 4.969  | 6.3     | ng    | 49503    | 1                     | 7.842  | 157481 | 20.0 |
| Benzophenone       | 15.826 | 8.1     | ng    | 126172   | 3                     | 14.469 | 311430 | 20.0 |
| n-Hexadecanoic ... | 18.112 | 10.4    | ng    | 212989   | 4                     | 17.207 | 409282 | 20.0 |
| Cetene             | 21.114 | 3.7     | ng    | 101658   | 5                     | 21.438 | 554364 | 20.0 |