

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090922\  
 Data File : BG054906.D  
 Acq On : 9 Sep 2022 21:14  
 Operator : CG/JU  
 Sample : N4538-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MBD-MP-1-0-46

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054906.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         | 5.204       | 318           | 326         | 337          | rVB      | 43386          | 68868         | 2.89%           | 0.555%        |
| 2         | 5.685       | 401           | 408         | 415          | rBV      | 660229         | 1083826       | 45.50%          | 8.740%        |
| 3         | 5.744       | 415           | 418         | 429          | rVB      | 19770          | 35745         | 1.50%           | 0.288%        |
| 4         | 7.301       | 675           | 683         | 698          | rBV      | 674281         | 1165355       | 48.93%          | 9.397%        |
| 5         | 8.141       | 819           | 826         | 838          | rVB      | 142475         | 245065        | 10.29%          | 1.976%        |
| 6         | 9.316       | 1017          | 1026        | 1040         | rBV      | 386796         | 716231        | 30.07%          | 5.776%        |
| 7         | 10.715      | 1256          | 1264        | 1276         | rBV      | 57458          | 113565        | 4.77%           | 0.916%        |
| 8         | 10.967      | 1300          | 1307        | 1315         | rBV      | 204900         | 364442        | 15.30%          | 2.939%        |
| 9         | 13.400      | 1713          | 1721        | 1736         | rBV      | 1148818        | 1815314       | 76.21%          | 14.638%       |
| 10        | 13.647      | 1757          | 1763        | 1769         | rVB2     | 22125          | 35684         | 1.50%           | 0.288%        |
| 11        | 14.781      | 1945          | 1956        | 1963         | rBV      | 331827         | 529986        | 22.25%          | 4.274%        |
| 12        | 16.267      | 2202          | 2209        | 2229         | rBV      | 753545         | 1250664       | 52.51%          | 10.085%       |
| 13        | 17.524      | 2415          | 2423        | 2428         | rBV      | 395409         | 614540        | 25.80%          | 4.956%        |
| 14        | 17.566      | 2428          | 2430        | 2437         | rVB      | 37826          | 49699         | 2.09%           | 0.401%        |
| 15        | 18.159      | 2527          | 2531        | 2537         | rBV      | 25236          | 33003         | 1.39%           | 0.266%        |
| 16        | 19.322      | 2721          | 2729        | 2734         | rBV3     | 60206          | 103824        | 4.36%           | 0.837%        |
| 17        | 19.569      | 2766          | 2771        | 2776         | rBV      | 76152          | 122239        | 5.13%           | 0.986%        |
| 18        | 19.933      | 2829          | 2833        | 2841         | rVB      | 75280          | 113675        | 4.77%           | 0.917%        |
| 19        | 20.121      | 2859          | 2865        | 2872         | rBV      | 1804851        | 2381865       | 100.00%         | 19.207%       |
| 20        | 20.403      | 2911          | 2913        | 2920         | rVB4     | 20919          | 29096         | 1.22%           | 0.235%        |
| 21        | 20.791      | 2976          | 2979        | 2986         | rVB2     | 83460          | 124771        | 5.24%           | 1.006%        |
| 22        | 21.420      | 3083          | 3086        | 3094         | rVB2     | 48664          | 73507         | 3.09%           | 0.593%        |
| 23        | 21.819      | 3147          | 3154        | 3160         | rBV      | 369547         | 668748        | 28.08%          | 5.393%        |
| 24        | 25.198      | 3722          | 3729        | 3741         | rVB2     | 214345         | 661307        | 27.76%          | 5.333%        |

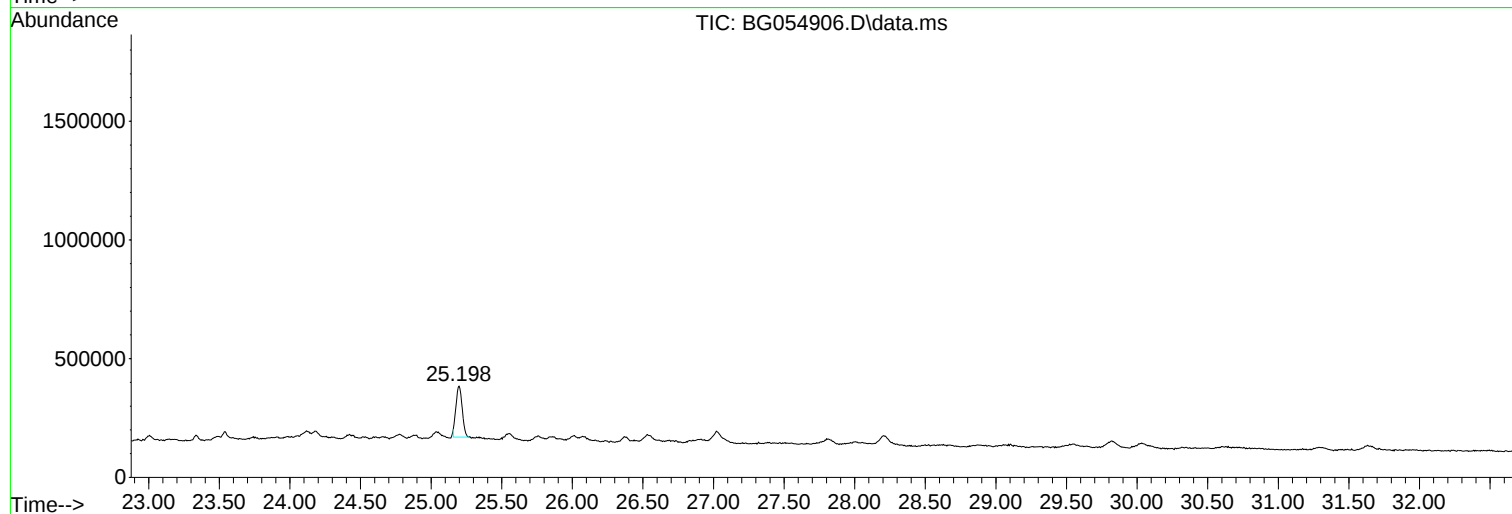
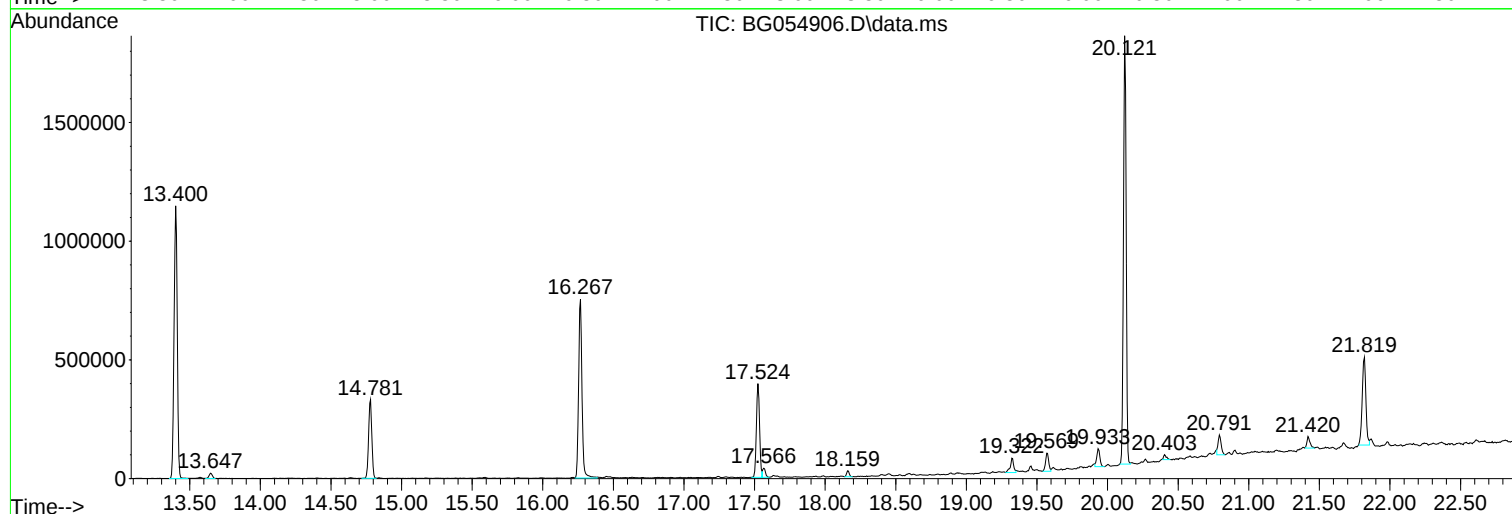
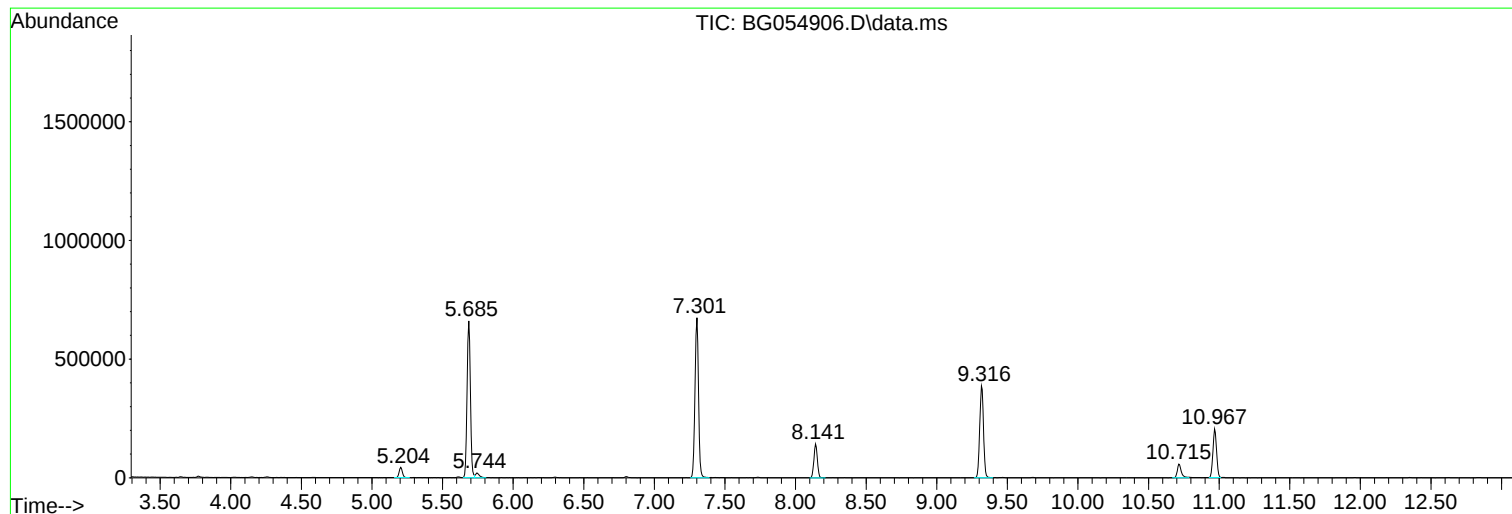
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BNA\_G  
ClientSampleId :  
MBD-MP-1-0-46

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.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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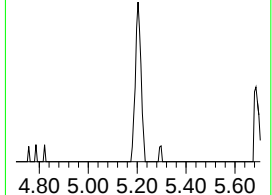
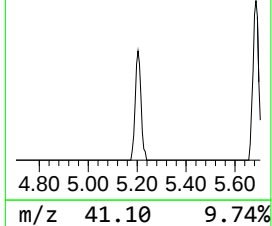
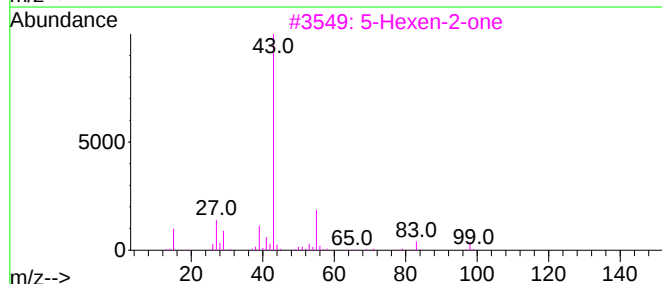
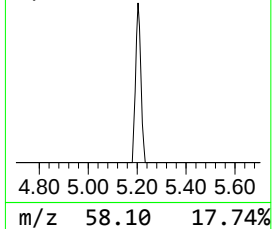
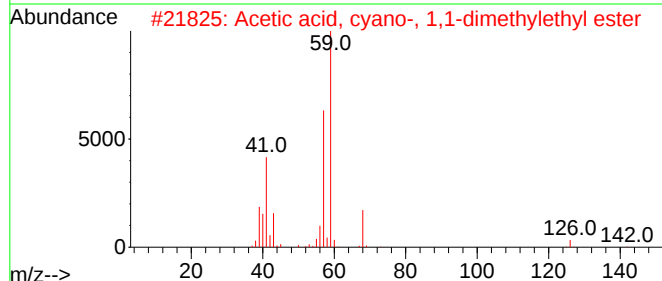
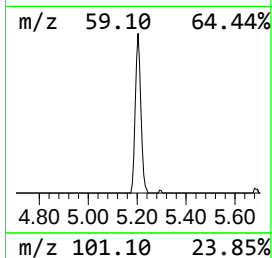
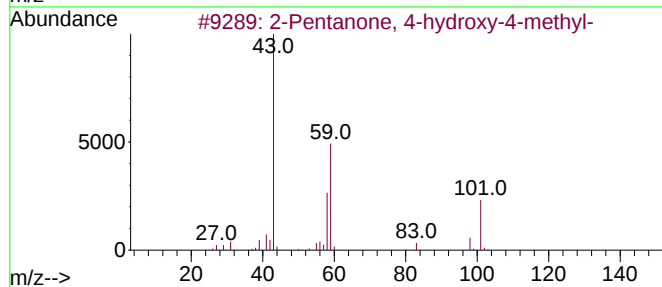
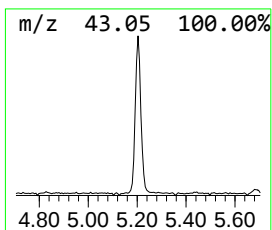
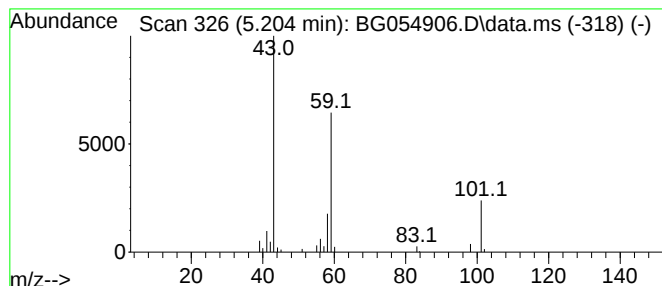
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.204 | 5.62 ng | 68868 | 1,4-Dichlorobenzene-d4 | 8.141 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |      | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |      | 5-Hexen-2-one                       | 98  | C6H10O   | 000109-49-9 | 9    |
| 4    |      | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |      | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 9    |



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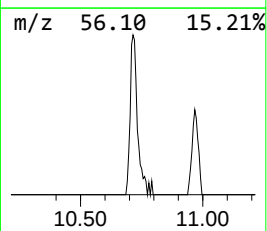
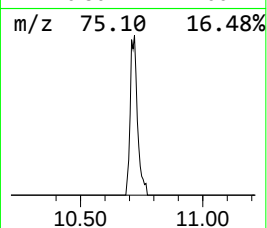
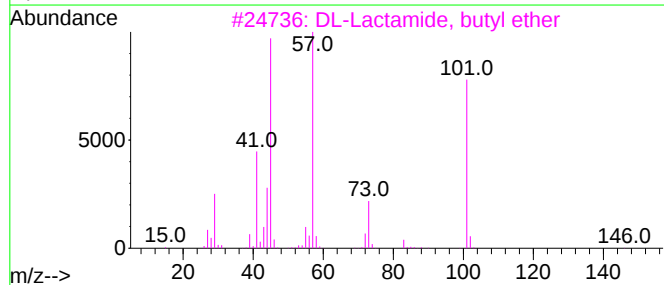
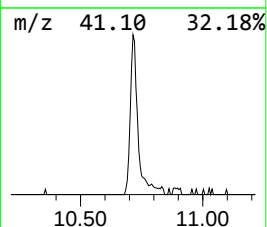
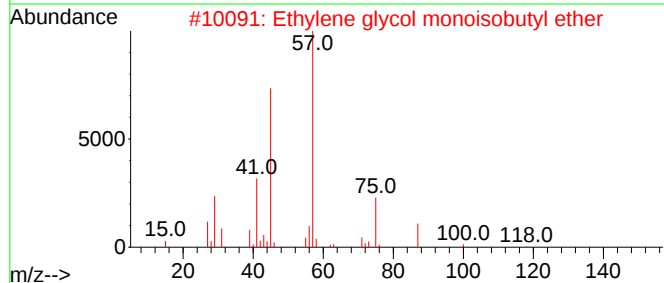
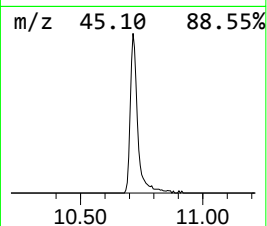
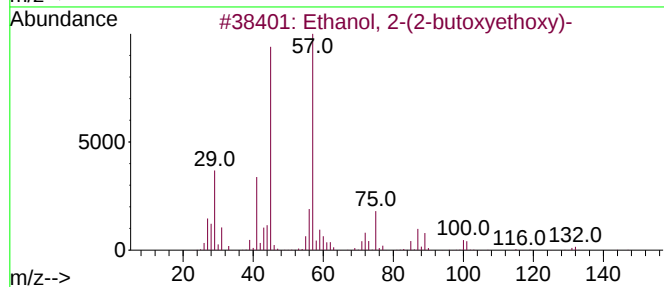
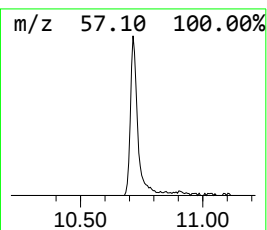
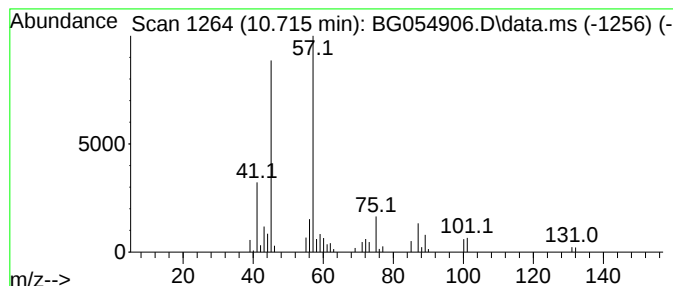
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.715 | 6.23 ng | 113565 | Naphthalene-d8   | 10.967 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5  | 90   |
| 2    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2  | 004439-24-1  | 64   |
| 3    |    |   | DL-Lactamide, butyl ether           | 145 | C7H15NO2 | 1000452-56-5 | 53   |
| 4    |    |   | Tetraethylene glycol                | 194 | C8H18O5  | 000112-60-7  | 50   |
| 5    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3  | 018912-80-6  | 50   |



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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
MBD-MP-1-0-46

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
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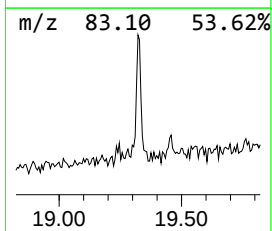
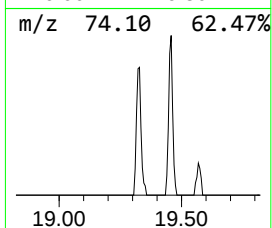
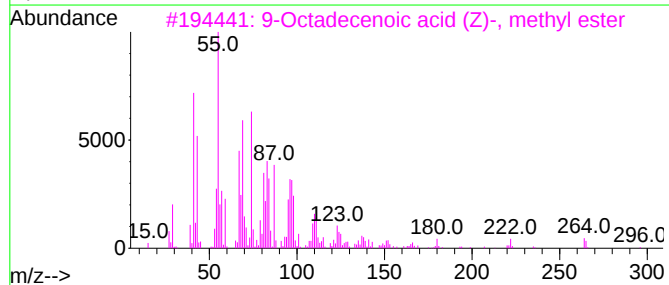
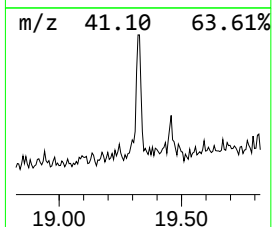
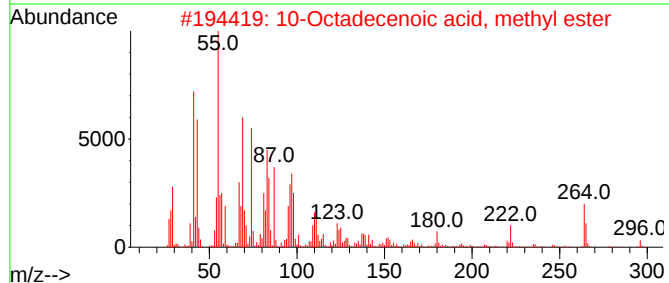
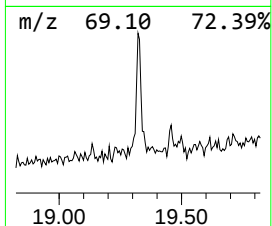
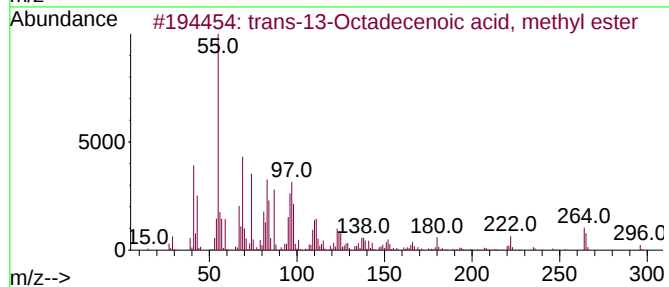
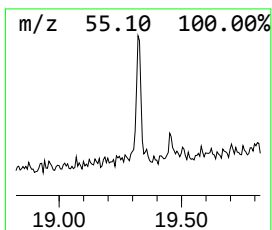
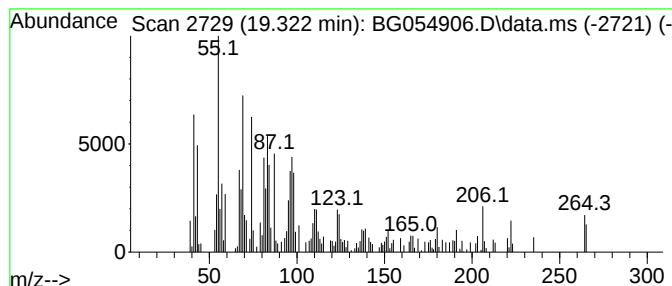
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 trans-13-Octadecenoic acid,... Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.322 | 3.38 ng | 103824 | Phenanthrene-d10 | 17.524 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | trans-13-Octadecenoic acid, meth... | 296 | C19H36O2 | 1000333-61-3 | 93   |
| 2    |    |   | 10-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 013481-95-3  | 90   |
| 3    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9  | 87   |
| 4    |    |   | 13-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-47-3  | 81   |
| 5    |    |   | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4  | 81   |



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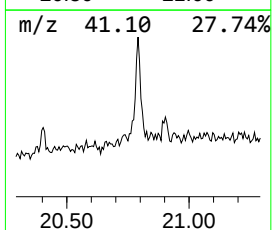
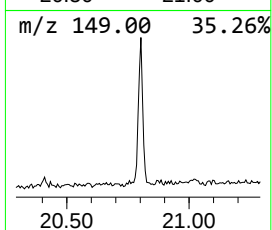
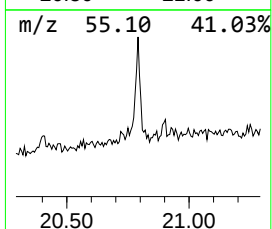
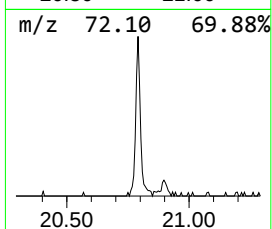
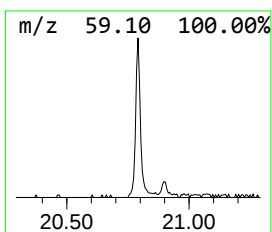
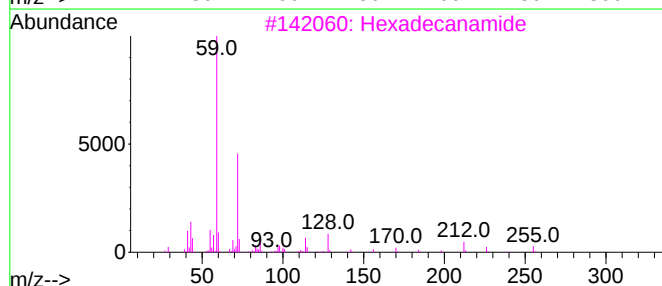
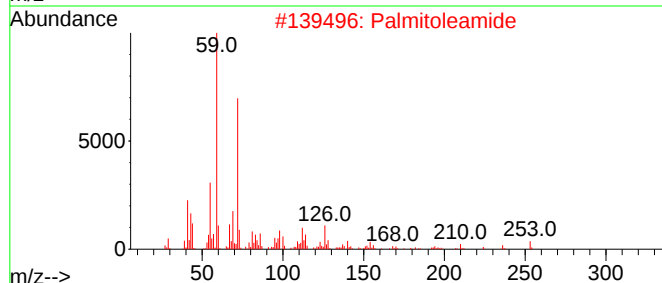
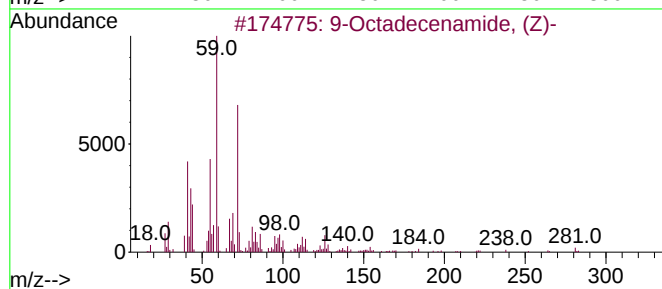
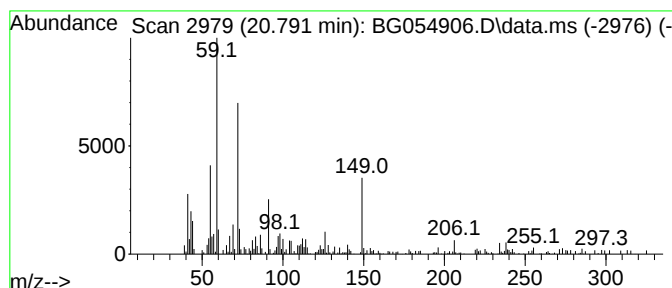
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Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

| R.T.      | EstConc                        | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------|--------|------------------|-------------|------|
| 20.791    | 3.73 ng                        | 124771 | Chrysene-d12     | 21.819      |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenamide, (Z)-         | 281    | C18H35NO         | 000301-02-0 | 94   |
| 2         | Palmitoleamide                 | 253    | C16H31NO         | 106010-22-4 | 89   |
| 3         | Hexadecanamide                 | 255    | C16H33NO         | 000629-54-9 | 58   |
| 4         | Heptanamide, 4-ethyl-5-methyl- | 171    | C10H21NO         | 054789-40-1 | 50   |
| 5         | Octadecanamide                 | 283    | C18H37NO         | 000124-26-5 | 47   |



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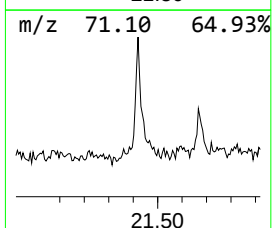
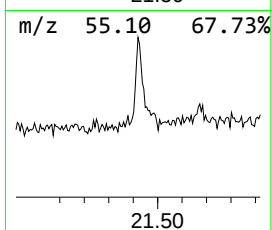
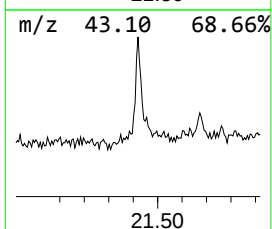
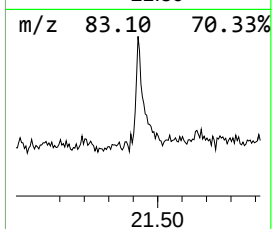
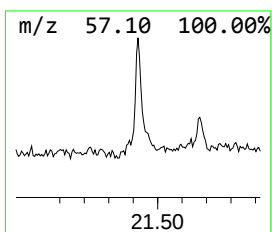
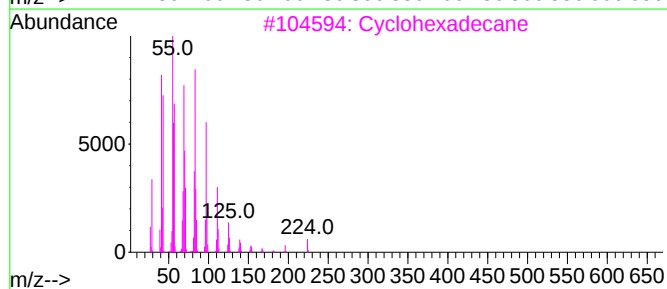
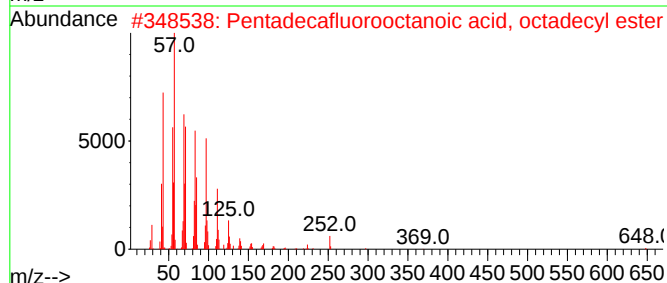
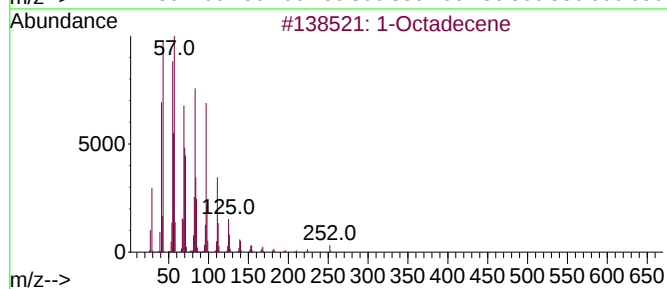
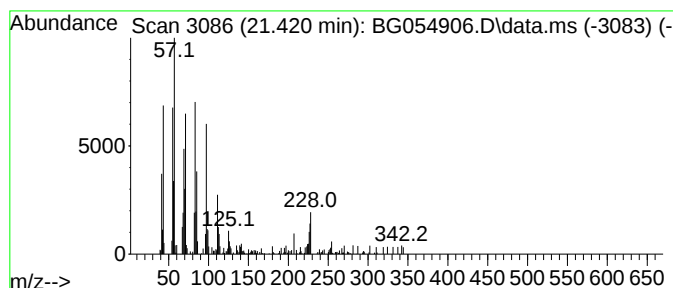
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1-Octadecene Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 21.420 | 2.20 ng | 73507 | Chrysene-d12     | 21.819 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|--------------|------|
| 1    | 1-Octadecene                        |   |              | 252 | C18H36      | 000112-88-9  | 95   |
| 2    | Pentadecafluorooctanoic acid, oc... |   |              | 666 | C26H37F15O2 | 1000406-04-8 | 87   |
| 3    | Cyclohexadecane                     |   |              | 224 | C16H32      | 000295-65-8  | 83   |
| 4    | Ethanol, 2-(tetradecyloxy)-         |   |              | 258 | C16H34O2    | 002136-70-1  | 76   |
| 5    | 1-Dodecanol, 2-hexyl-               |   |              | 270 | C18H38O     | 110225-00-8  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090922\  
Data File : BG054906.D  
Acq On : 9 Sep 2022 21:14  
Operator : CG/JU  
Sample : N4538-08  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MBD-MP-1-0-46

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.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-... | 5.204  | 5.6     | ng    | 68868    | 1                     | 8.141  | 245065 | 20.0 |
| Ethanol, 2-(2-b... | 10.715 | 6.2     | ng    | 113565   | 2                     | 10.967 | 364442 | 20.0 |
| trans-13-Octade... | 19.322 | 3.4     | ng    | 103824   | 4                     | 17.524 | 614540 | 20.0 |
| 9-Octadecenamid... | 20.791 | 3.7     | ng    | 124771   | 5                     | 21.819 | 668748 | 20.0 |
| 1-Octadecene       | 21.420 | 2.2     | ng    | 73507    | 5                     | 21.819 | 668748 | 20.0 |