

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062622\  
 Data File : BG054085.D  
 Acq On : 26 Jun 2022 23:08  
 Operator : CG/JU  
 Sample : N3477-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HR-01-062322

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-BG061322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054085.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         | 5.638       | 376           | 383         | 397          | rVB      | 253318         | 449478        | 20.41%          | 4.476%        |
| 2         | 7.230       | 646           | 654         | 664          | rBV      | 273357         | 500580        | 22.73%          | 4.984%        |
| 3         | 8.077       | 789           | 798         | 804          | rBV      | 96334          | 176627        | 8.02%           | 1.759%        |
| 4         | 9.234       | 986           | 995         | 1004         | rBV      | 170239         | 322767        | 14.66%          | 3.214%        |
| 5         | 10.879      | 1266          | 1275        | 1283         | rVB      | 132814         | 260260        | 11.82%          | 2.591%        |
| 6         | 13.323      | 1681          | 1691        | 1699         | rBV      | 523939         | 846091        | 38.42%          | 8.425%        |
| 7         | 14.698      | 1916          | 1925        | 1932         | rVB      | 230893         | 385065        | 17.49%          | 3.834%        |
| 8         | 16.185      | 2171          | 2178        | 2186         | rBV      | 349842         | 590925        | 26.83%          | 5.884%        |
| 9         | 16.396      | 2211          | 2214        | 2217         | rBV3     | 15540          | 22898         | 1.04%           | 0.228%        |
| 10        | 17.189      | 2346          | 2349        | 2354         | rBV2     | 20163          | 25896         | 1.18%           | 0.258%        |
| 11        | 17.442      | 2386          | 2392        | 2397         | rBV      | 277507         | 433769        | 19.70%          | 4.319%        |
| 12        | 17.930      | 2473          | 2475        | 2479         | rVB      | 24207          | 25134         | 1.14%           | 0.250%        |
| 13        | 18.100      | 2500          | 2504        | 2513         | rVB      | 352209         | 466452        | 21.18%          | 4.645%        |
| 14        | 18.617      | 2590          | 2592        | 2597         | rBV2     | 31251          | 44987         | 2.04%           | 0.448%        |
| 15        | 19.240      | 2693          | 2698        | 2701         | rBV      | 1694667        | 2202113       | 100.00%         | 21.927%       |
| 16        | 19.269      | 2701          | 2703        | 2715         | rVB3     | 878395         | 1198318       | 54.42%          | 11.932%       |
| 17        | 19.399      | 2722          | 2725        | 2730         | rBV      | 162217         | 235458        | 10.69%          | 2.344%        |
| 18        | 20.051      | 2831          | 2836        | 2842         | rBV      | 844134         | 1170516       | 53.15%          | 11.655%       |
| 19        | 21.713      | 3116          | 3119        | 3130         | rVB2     | 335490         | 685691        | 31.14%          | 6.828%        |

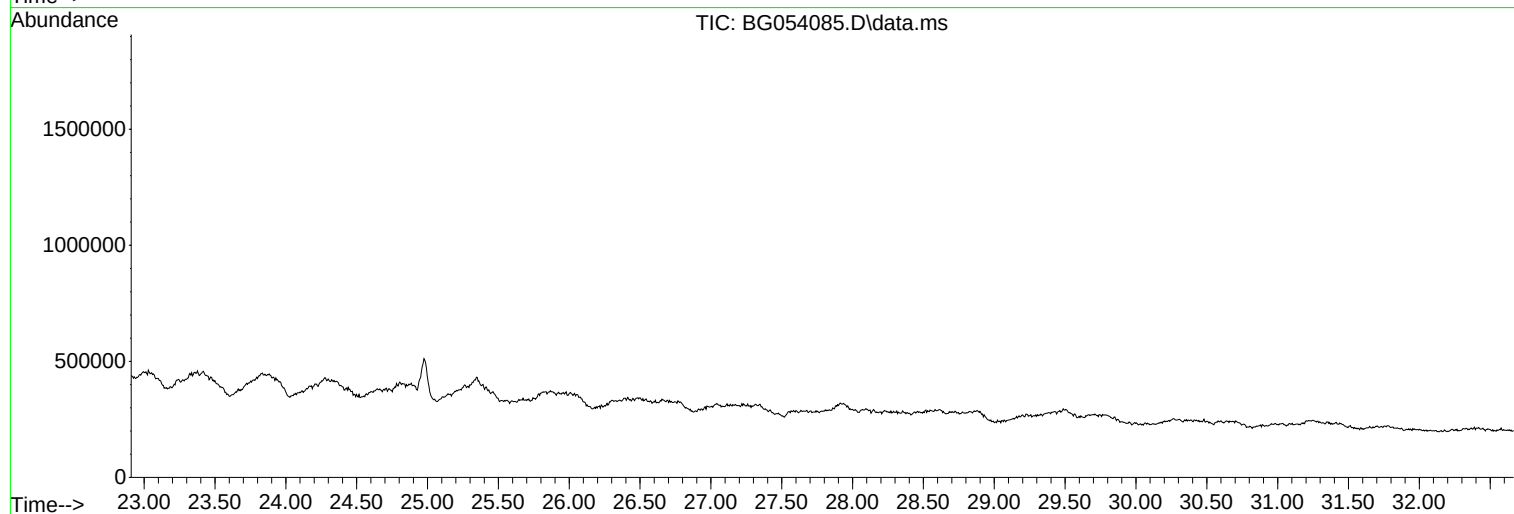
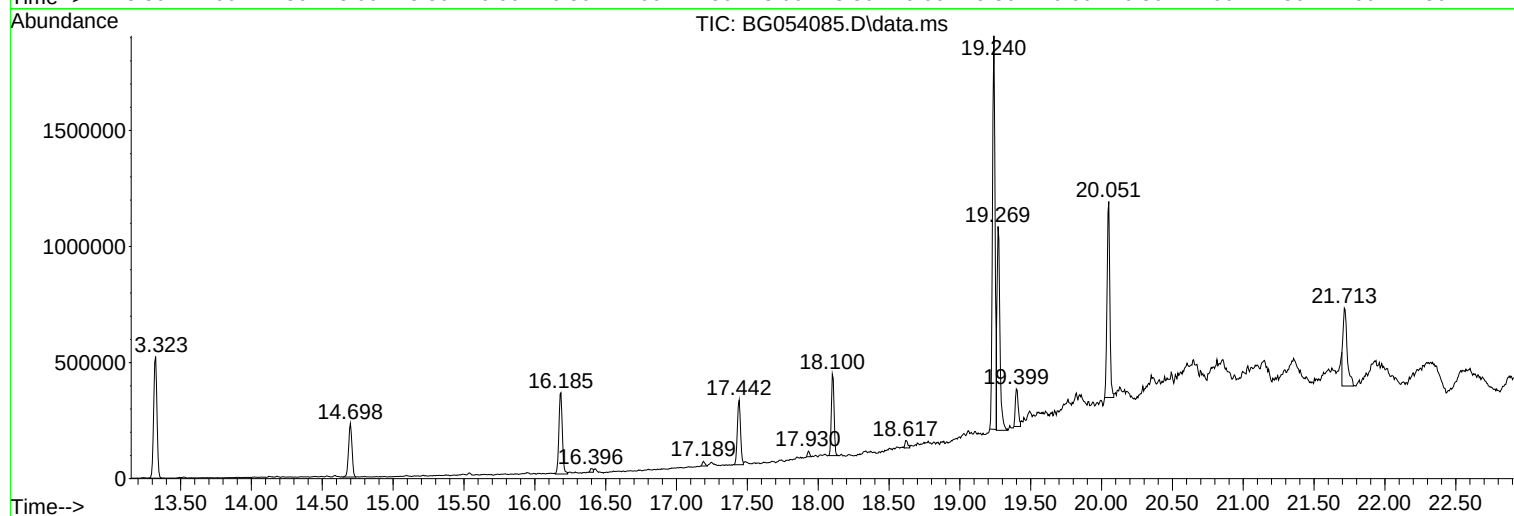
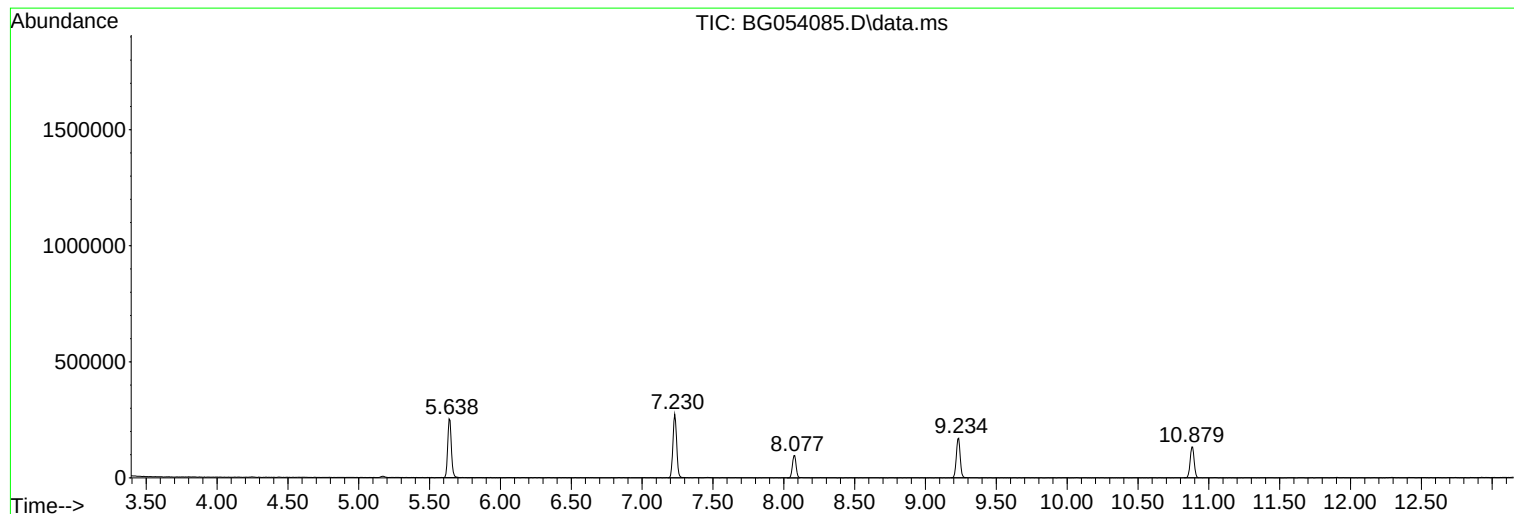
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Sample : N3477-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-062322

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.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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HR-01-062322

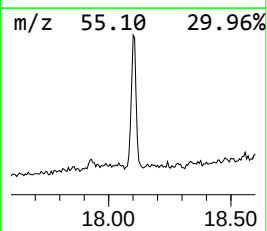
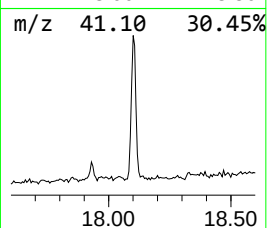
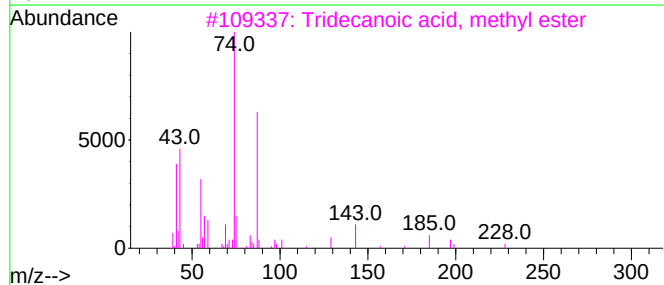
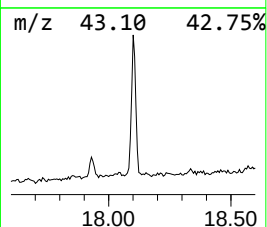
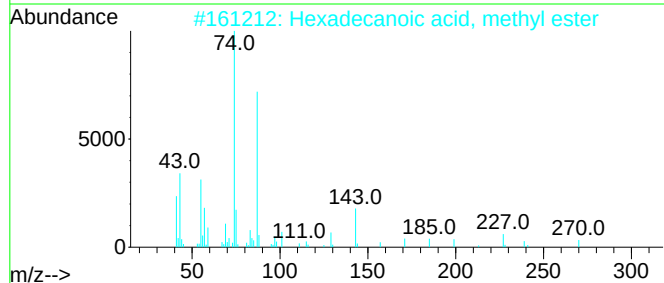
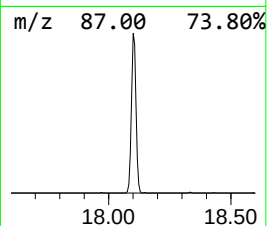
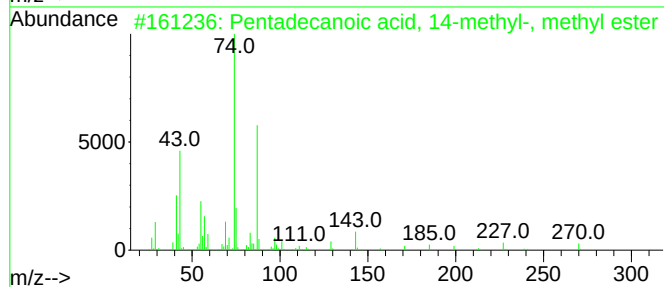
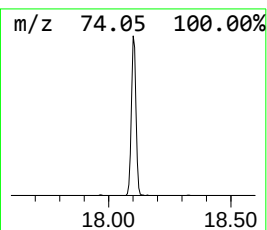
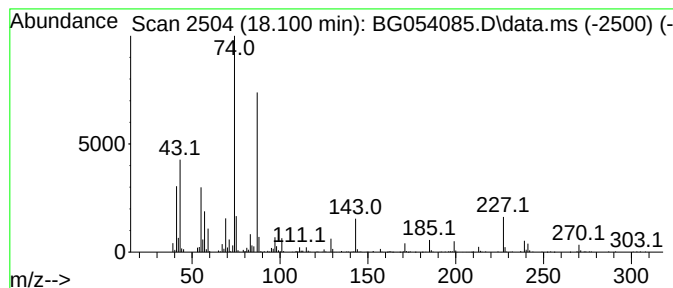
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Pentadecanoic acid, 14-meth... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 18.100    | 21.51 ng                            | 466452 | Phenanthrene-d10 | 17.442      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Pentadecanoic acid, 14-methyl-, ... | 270    | C17H34O2         | 005129-60-2 | 96   |
| 2         | Hexadecanoic acid, methyl ester     | 270    | C17H34O2         | 000112-39-0 | 93   |
| 3         | Tridecanoic acid, methyl ester      | 228    | C14H28O2         | 001731-88-0 | 91   |
| 4         | Methyl tetradecanoate               | 242    | C15H30O2         | 000124-10-7 | 87   |
| 5         | Methyl stearate                     | 298    | C19H38O2         | 000112-61-8 | 83   |



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Sample : N3477-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-062322

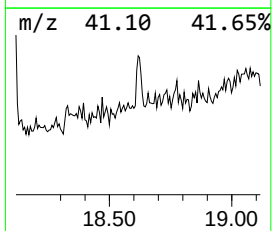
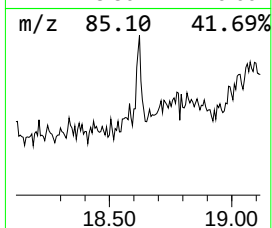
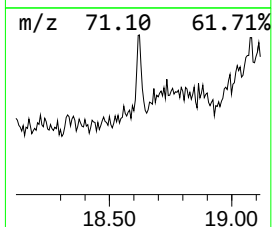
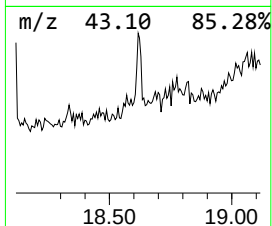
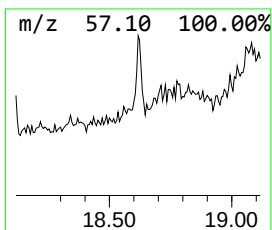
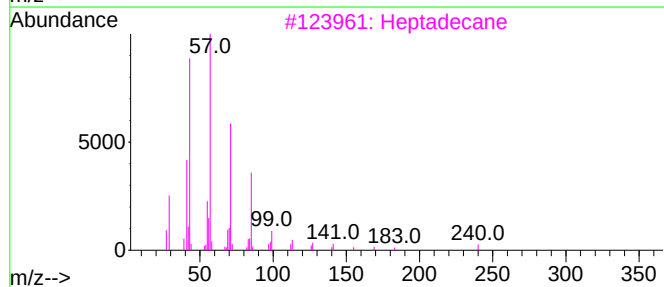
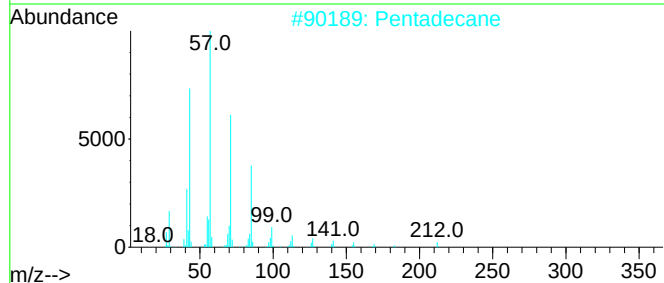
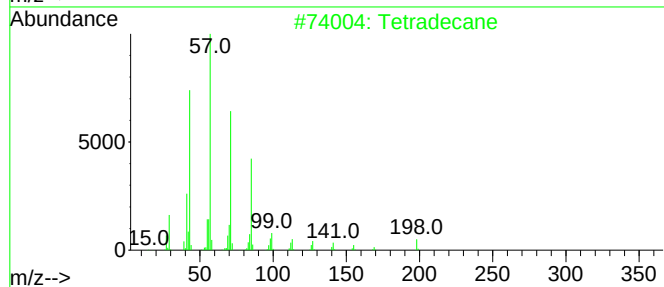
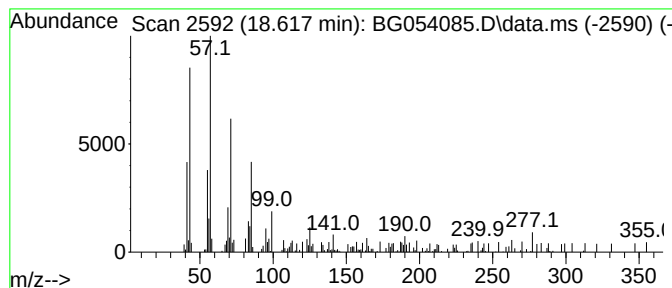
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Tetradecane Concentration Rank 5

| R.T.      | EstConc           | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------|-------|------------------|-------------|------|
| 18.617    | 2.07 ng           | 44987 | Phenanthrene-d10 | 17.442      |      |
| Hit# of 5 | Tentative ID      | MW    | MolForm          | CAS#        | Qual |
| 1         | Tetradecane       | 198   | C14H30           | 000629-59-4 | 78   |
| 2         | Pentadecane       | 212   | C15H32           | 000629-62-9 | 60   |
| 3         | Heptadecane       | 240   | C17H36           | 000629-78-7 | 53   |
| 4         | Octadecane        | 254   | C18H38           | 000593-45-3 | 53   |
| 5         | Decane, 5-propyl- | 184   | C13H28           | 017312-62-8 | 53   |



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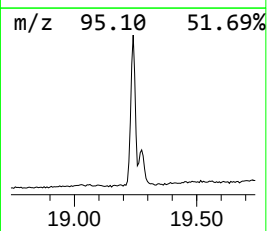
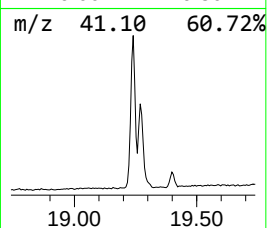
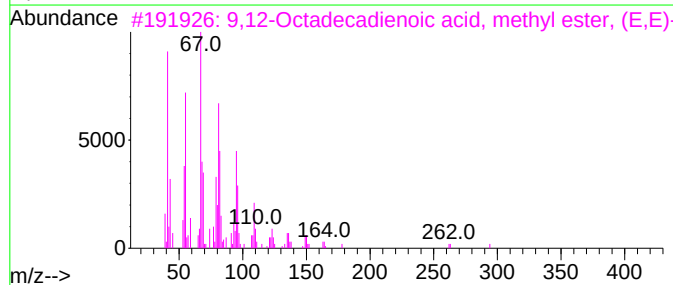
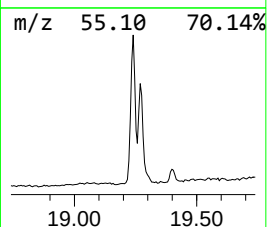
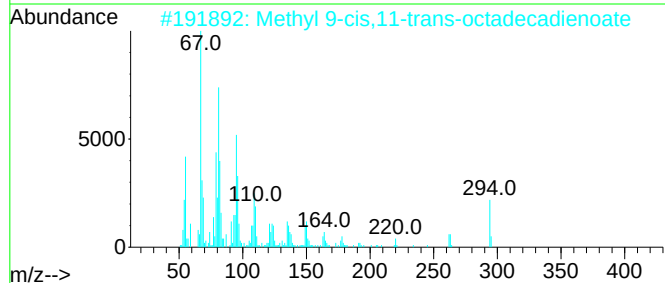
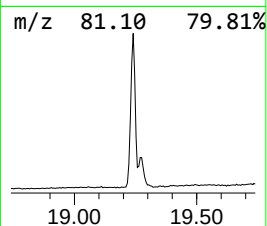
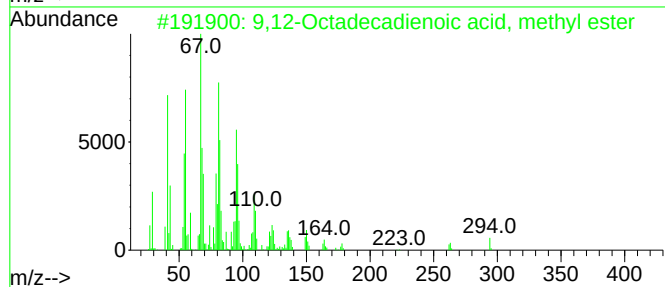
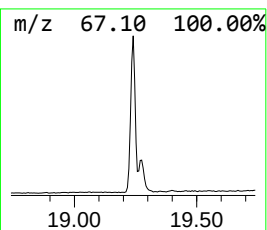
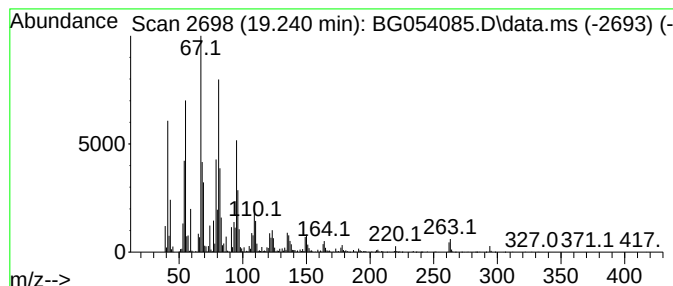
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 19.240    | 101.53 ng                           | 2202110 | Phenanthrene-d10 | 17.442      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | 9,12-Octadecadienoic acid, methy... | 294     | C19H34O2         | 002462-85-3 | 99   |
| 2         | Methyl 9-cis,11-trans-octadecadi... | 294     | C19H34O2         | 013058-52-1 | 99   |
| 3         | 9,12-Octadecadienoic acid, methy... | 294     | C19H34O2         | 002566-97-4 | 99   |
| 4         | 8,11-Octadecadienoic acid, methy... | 294     | C19H34O2         | 056599-58-7 | 97   |
| 5         | 9,12-Octadecadienoic acid (Z,Z)-... | 294     | C19H34O2         | 000112-63-0 | 95   |



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-062322

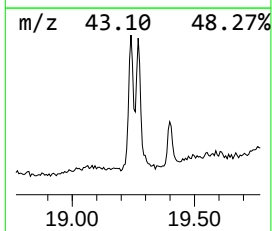
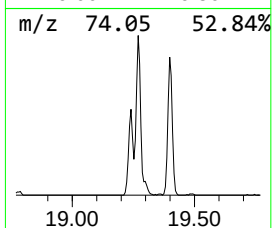
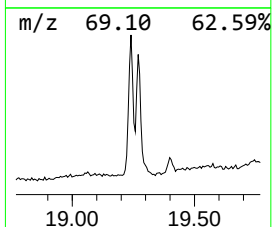
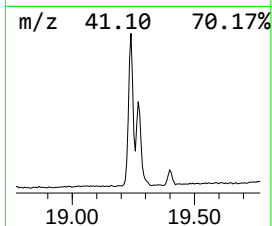
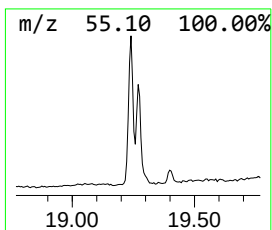
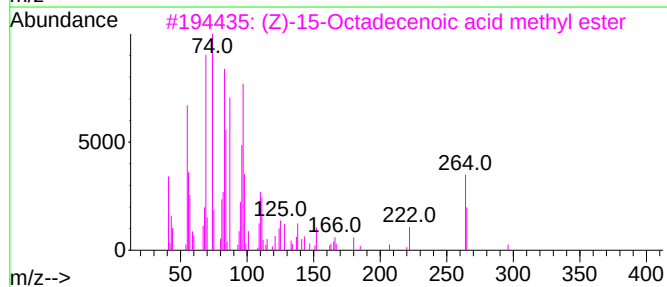
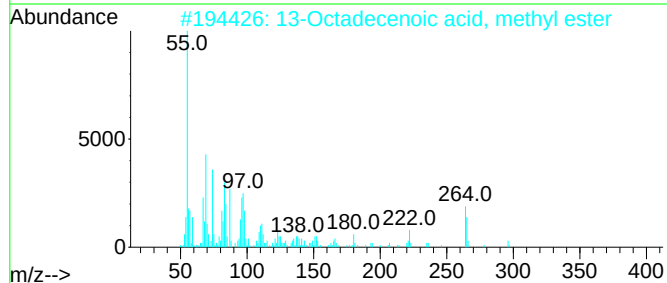
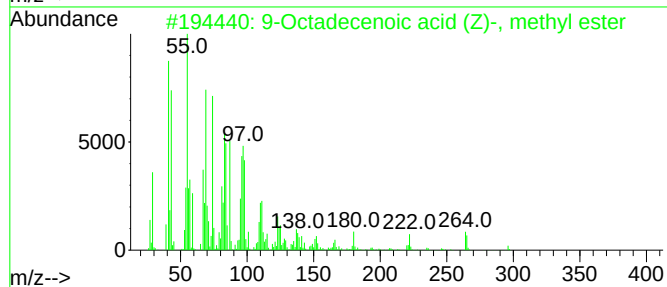
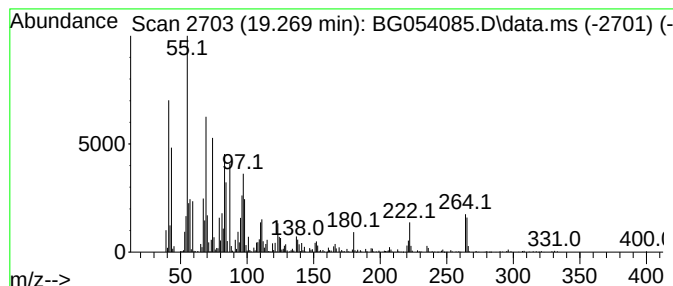
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

| R.T.      | EstConc                             | Area    | Relative to ISTD |          |              | R.T.   |
|-----------|-------------------------------------|---------|------------------|----------|--------------|--------|
| 19.269    | 55.25 ng                            | 1198320 | Phenanthrene-d10 |          |              | 17.442 |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm  | CAS#         | Qual   |
| 1         | 9-Octadecenoic acid (Z)-, methyl... |         | 296              | C19H36O2 | 000112-62-9  | 98     |
| 2         | 13-Octadecenoic acid, methyl ester  |         | 296              | C19H36O2 | 056554-47-3  | 95     |
| 3         | (Z)-15-Octadecenoic acid methyl ... |         | 296              | C19H36O2 | 1000427-69-3 | 94     |
| 4         | 14-Octadecenoic acid, methyl ester  |         | 296              | C19H36O2 | 056554-48-4  | 94     |
| 5         | 12-Octadecenoic acid, methyl ester  |         | 296              | C19H36O2 | 056554-46-2  | 94     |



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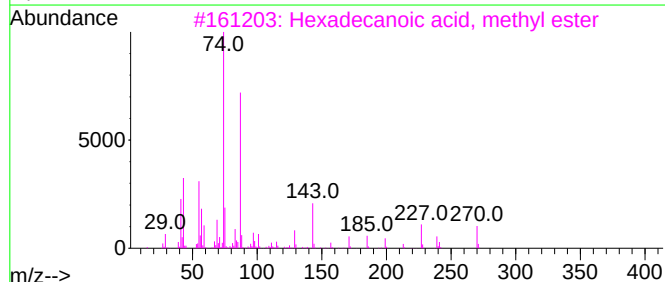
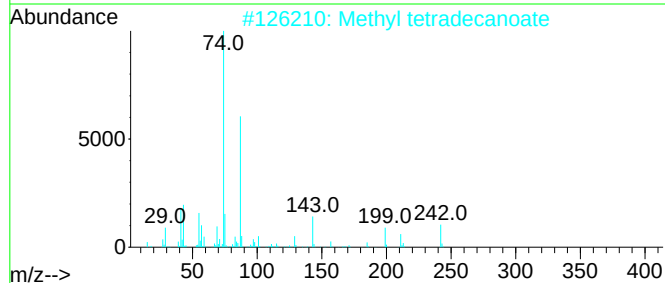
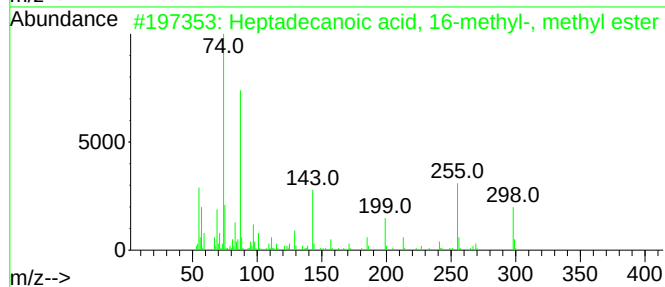
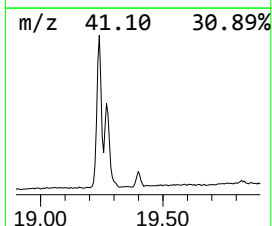
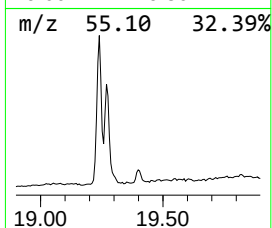
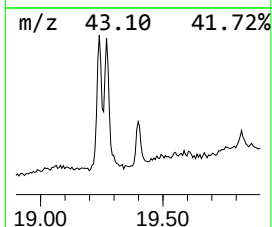
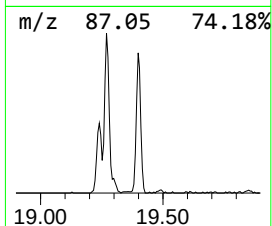
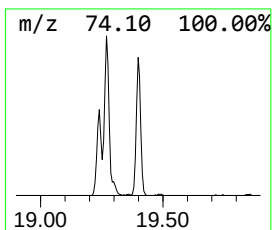
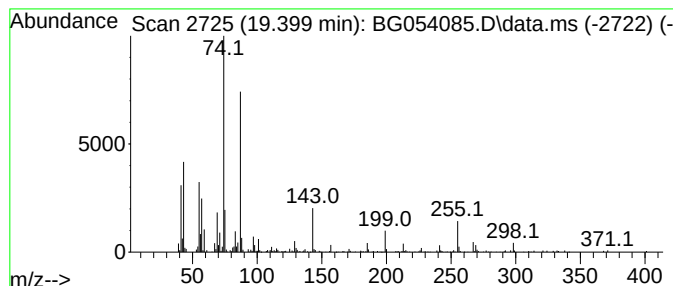
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
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TIC Library : C:\Database\NIST20.L  
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Peak Number 5 Heptadecanoic acid, 16-meth... Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 19.399 | 10.86 ng | 235458 | Phenanthrene-d10 | 17.442 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 89   |
| 2    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |
| 3    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 87   |
| 4    |    |   | Methyl 9-methyltetradecanoate       | 256 | C16H32O2 | 213617-69-7 | 83   |
| 5    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062622\  
Data File : BG054085.D  
Acq On : 26 Jun 2022 23:08  
Operator : CG/JU  
Sample : N3477-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-062322

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.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 |
| Pentadecanoic a... | 18.100 | 21.5    | ng    | 466452   | 4                     | 17.442 | 433769 | 20.0 |
| Tetradecane        | 18.617 | 2.1     | ng    | 44987    | 4                     | 17.442 | 433769 | 20.0 |
| 9,12-Octadecadi... | 19.240 | 101.5   | ng    | 2202110  | 4                     | 17.442 | 433769 | 20.0 |
| 9-Octadecenoic ... | 19.269 | 55.3    | ng    | 1198320  | 4                     | 17.442 | 433769 | 20.0 |
| Heptadecanoic a... | 19.399 | 10.9    | ng    | 235458   | 4                     | 17.442 | 433769 | 20.0 |