

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121525\  
 Data File : BP026330.D  
 Acq On : 15 Dec 2025 18:15  
 Operator : RC/JU  
 Sample : Q3839-25  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AT7

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\_P\Methods\8270E-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026330.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         | 4.814       | 314           | 319         | 329          | rBV      | 269584         | 382488        | 4.51%           | 0.960%        |
| 2         | 5.272       | 391           | 397         | 415          | rBV      | 1069535        | 1690730       | 19.93%          | 4.242%        |
| 3         | 6.837       | 656           | 663         | 681          | rBV      | 484940         | 888938        | 10.48%          | 2.230%        |
| 4         | 7.649       | 792           | 801         | 809          | rBV      | 683380         | 1102018       | 12.99%          | 2.765%        |
| 5         | 8.784       | 987           | 994         | 1008         | rBV      | 1435540        | 2526655       | 29.78%          | 6.339%        |
| 6         | 10.413      | 1263          | 1271        | 1287         | rBV      | 821915         | 1471252       | 17.34%          | 3.691%        |
| 7         | 12.890      | 1683          | 1692        | 1712         | rBV      | 3842853        | 6268912       | 73.89%          | 15.728%       |
| 8         | 14.278      | 1920          | 1928        | 1938         | rBV      | 1118105        | 1860691       | 21.93%          | 4.668%        |
| 9         | 15.795      | 2178          | 2186        | 2198         | rBV      | 3391216        | 5286840       | 62.31%          | 13.264%       |
| 10        | 17.084      | 2399          | 2405        | 2420         | rBV2     | 1309954        | 2131705       | 25.12%          | 5.348%        |
| 11        | 17.501      | 2471          | 2476        | 2485         | rBV      | 133828         | 203696        | 2.40%           | 0.511%        |
| 12        | 17.901      | 2539          | 2544        | 2553         | rBV2     | 64753          | 129161        | 1.52%           | 0.324%        |
| 13        | 18.042      | 2562          | 2568        | 2577         | rBV      | 299300         | 496555        | 5.85%           | 1.246%        |
| 14        | 18.936      | 2716          | 2720        | 2731         | rVB      | 82043          | 129874        | 1.53%           | 0.326%        |
| 15        | 19.254      | 2769          | 2774        | 2786         | rBV      | 125502         | 272392        | 3.21%           | 0.683%        |
| 16        | 19.372      | 2790          | 2794        | 2803         | rBV      | 241100         | 417022        | 4.92%           | 1.046%        |
| 17        | 19.831      | 2866          | 2872        | 2882         | rBV      | 6736681        | 8484532       | 100.00%         | 21.287%       |
| 18        | 21.213      | 3104          | 3107        | 3112         | rBV3     | 119675         | 186077        | 2.19%           | 0.467%        |
| 19        | 21.525      | 3155          | 3160        | 3170         | rBV      | 1521994        | 2604067       | 30.69%          | 6.533%        |
| 20        | 23.113      | 3426          | 3430        | 3436         | rVB      | 176203         | 284012        | 3.35%           | 0.713%        |
| 21        | 24.818      | 3712          | 3720        | 3736         | rVB      | 1087504        | 3040807       | 35.84%          | 7.629%        |

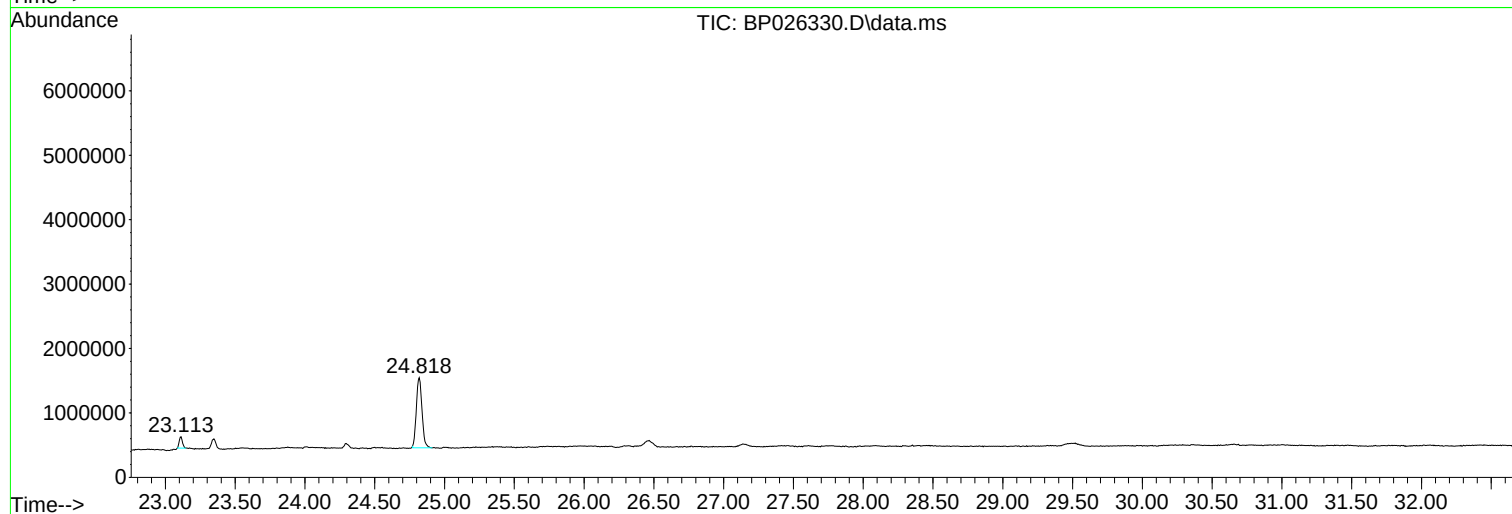
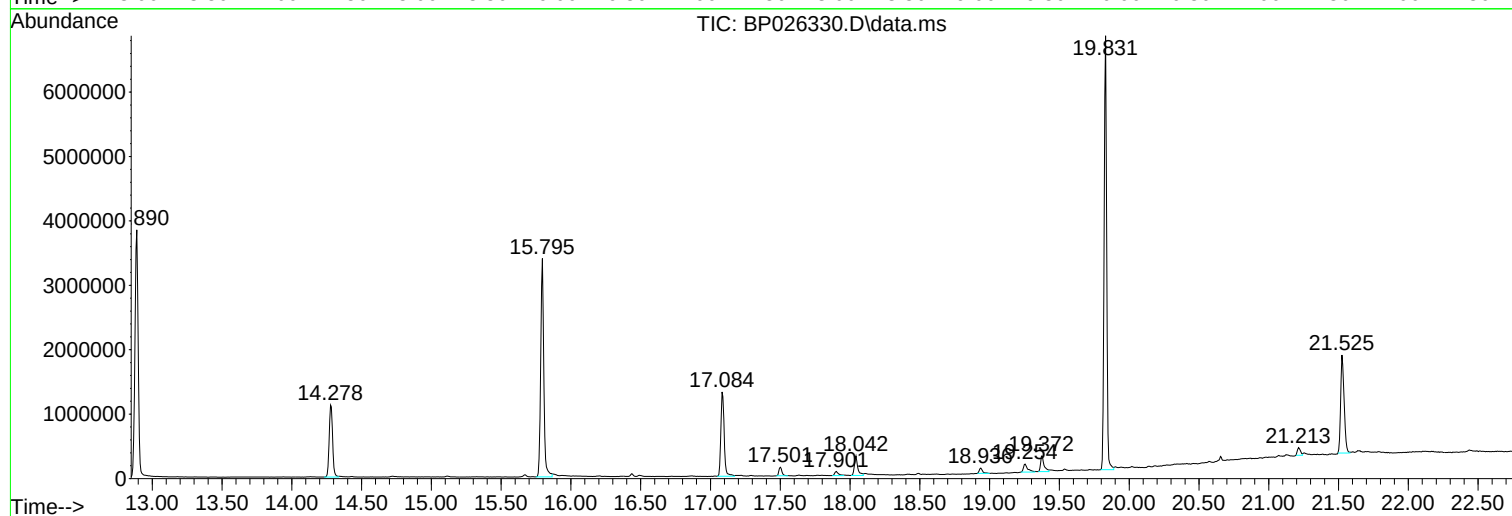
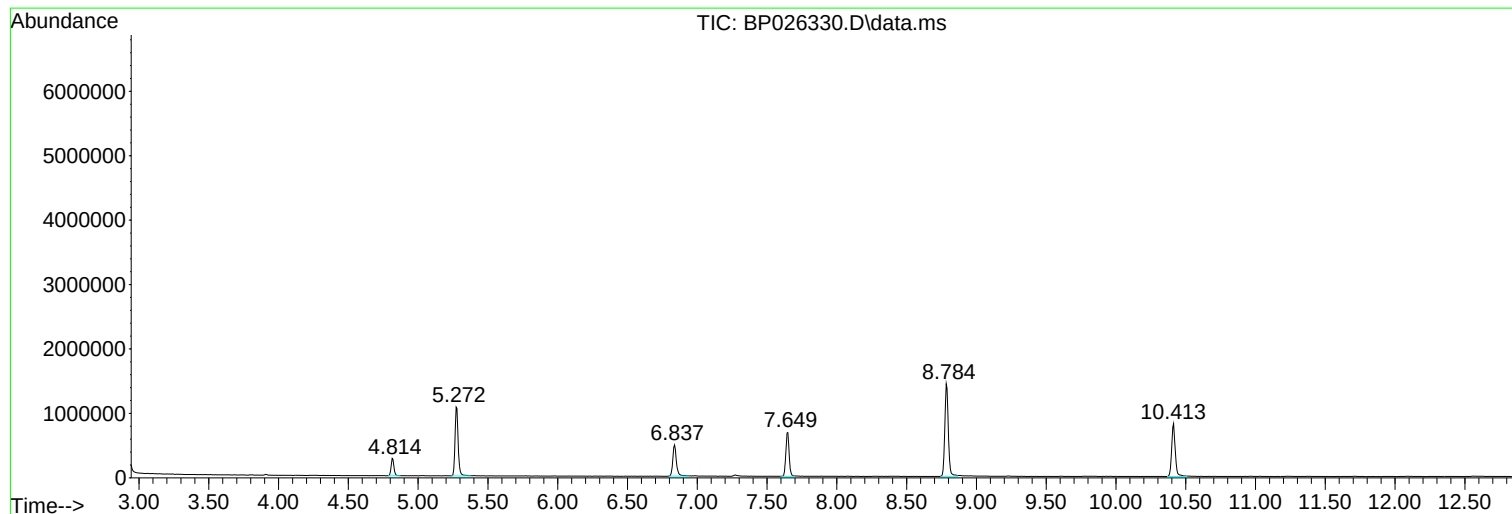
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AT7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.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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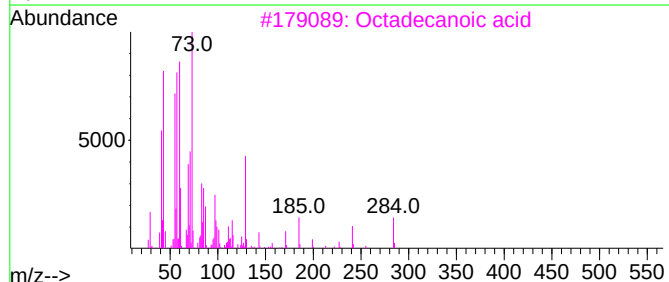
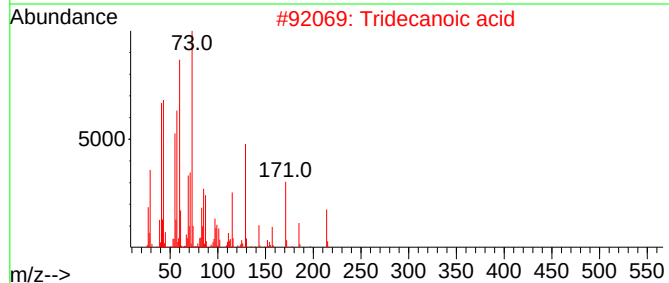
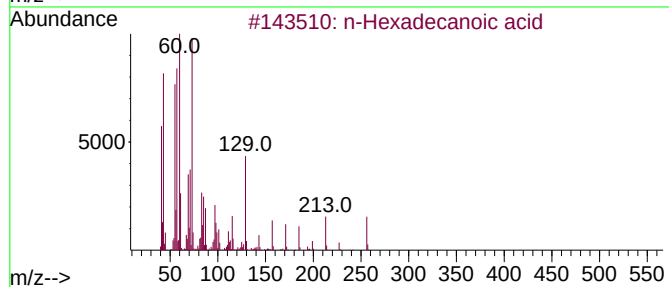
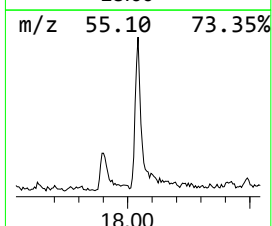
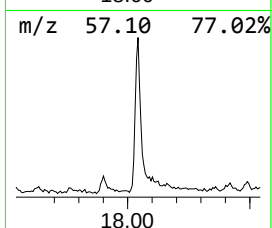
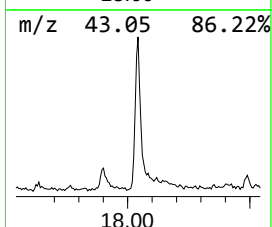
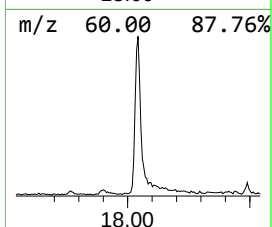
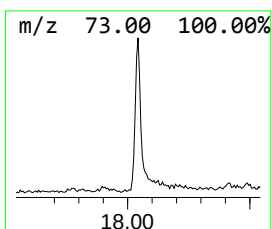
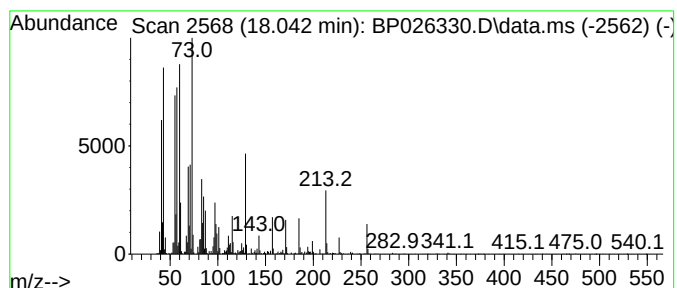
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.042 | 4.66 ng | 496555 | Phenanthrene-d10 | 17.084 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 3    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 93   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |



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Sample : Q3839-25  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AT7

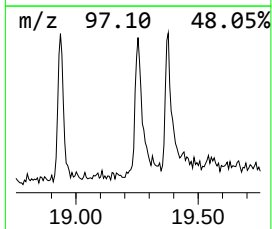
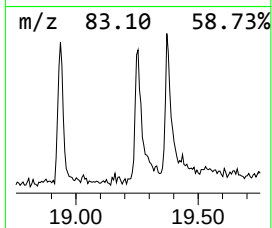
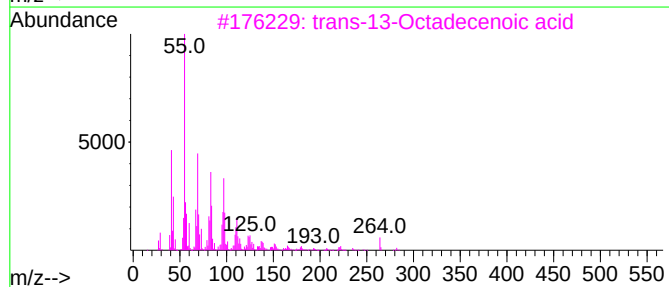
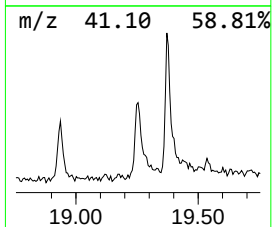
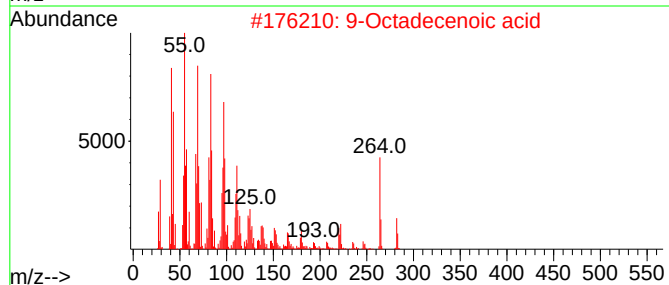
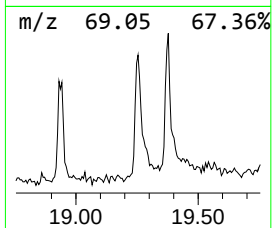
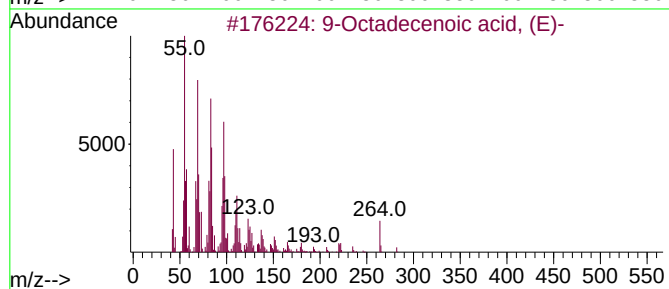
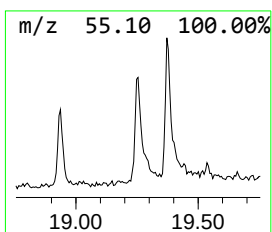
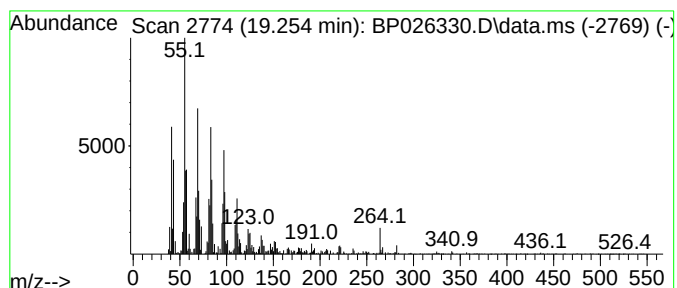
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 9-Octadecenoic acid, (E)- Concentration Rank 4

| R.T.      | EstConc                    | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------|--------|------------------|-------------|------|
| 19.254    | 2.56 ng                    | 272392 | Phenanthrene-d10 | 17.084      |      |
| Hit# of 5 | Tentative ID               | MW     | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenoic acid, (E)-  | 282    | C18H34O2         | 000112-79-8 | 99   |
| 2         | 9-Octadecenoic acid        | 282    | C18H34O2         | 002027-47-6 | 93   |
| 3         | trans-13-Octadecenoic acid | 282    | C18H34O2         | 000693-71-0 | 91   |
| 4         | 6-Octadecenoic acid, (Z)-  | 282    | C18H34O2         | 000593-39-5 | 90   |
| 5         | cis-13-Octadecenoic acid   | 282    | C18H34O2         | 013126-39-1 | 90   |



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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AT7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

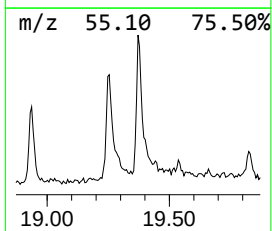
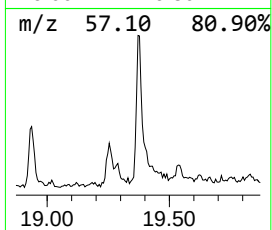
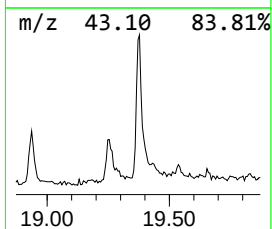
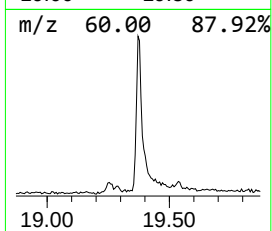
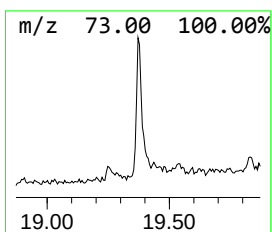
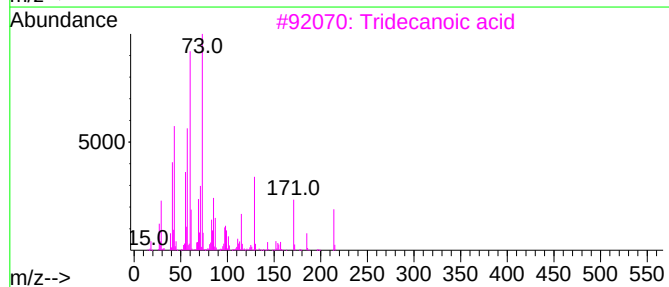
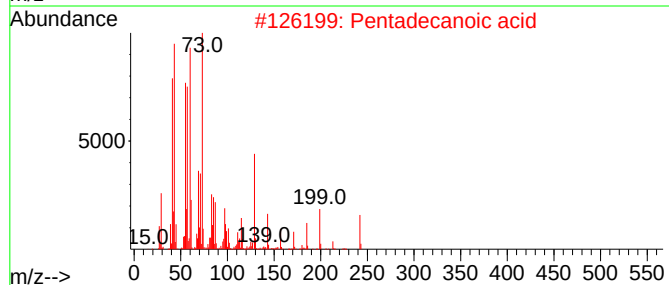
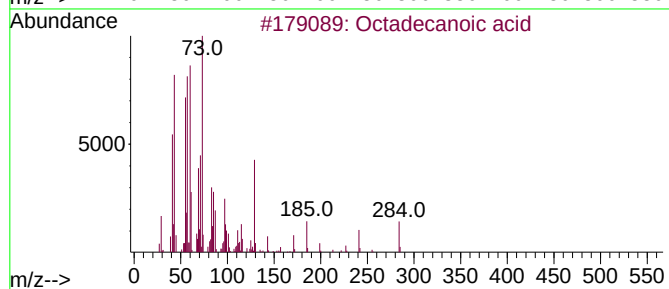
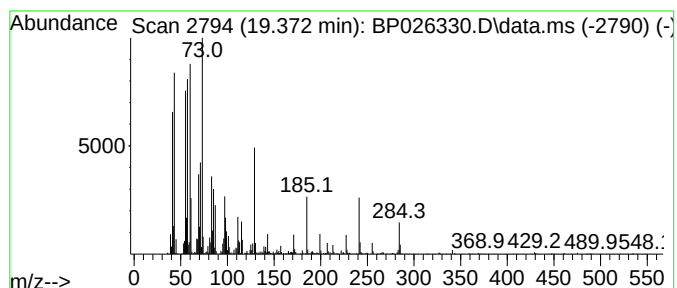
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.372 | 3.20 ng | 417022 | Chrysene-d12     | 21.525 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 80   |



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BNA\_P  
ClientSampleId :  
C0AT7

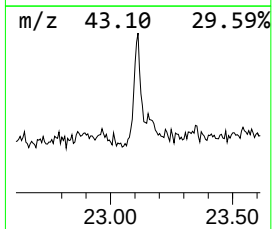
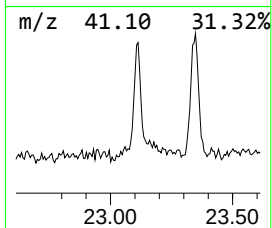
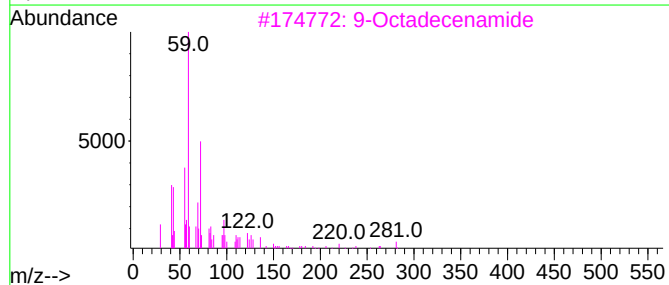
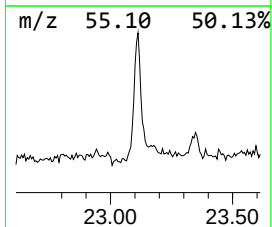
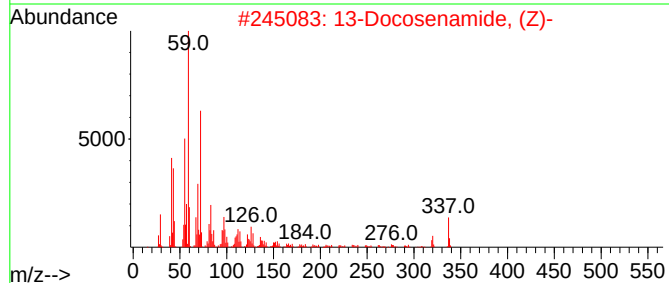
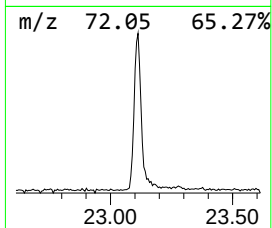
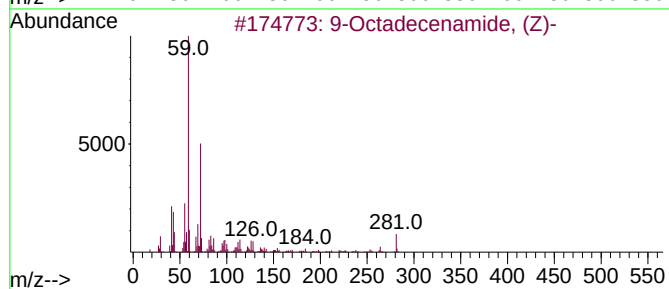
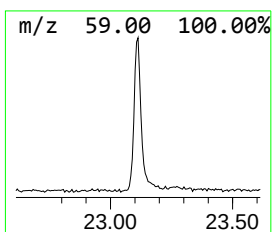
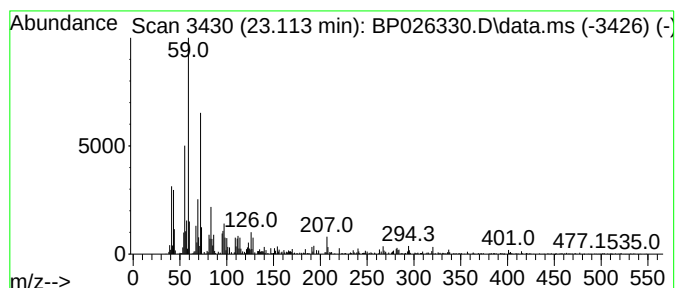
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 23.113    | 2.18 ng                             | 284012 | Chrysene-d12     | 21.525      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenamide, (Z)-              | 281    | C18H35NO         | 000301-02-0 | 96   |
| 2         | 13-Docosenamide, (Z)-               | 337    | C22H43NO         | 000112-84-5 | 96   |
| 3         | 9-Octadecenamide                    | 281    | C18H35NO         | 003322-62-1 | 80   |
| 4         | Octadecanamide                      | 283    | C18H37NO         | 000124-26-5 | 80   |
| 5         | Benzeneethanamine, 2-fluoro-.bet... | 229    | C11H16FN03       | 061338-98-5 | 72   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.042 | 4.7     | ng    | 496555   | 4                     | 17.084 | 2131710 | 20.0 |
| 9-Octadecenoic ... | 19.254 | 2.6     | ng    | 272392   | 4                     | 17.084 | 2131710 | 20.0 |
| Octadecanoic acid  | 19.372 | 3.2     | ng    | 417022   | 5                     | 21.525 | 2604070 | 20.0 |
| 9-Octadecenamid... | 23.113 | 2.2     | ng    | 284012   | 5                     | 21.525 | 2604070 | 20.0 |