

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
 Data File : BP026279.D  
 Acq On : 10 Dec 2025 17:11  
 Operator : RC/JU  
 Sample : Q3814-13  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-10

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: BP026279.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         | 4.819       | 313           | 320         | 329          | rBV      | 389977         | 558628        | 4.99%           | 1.019%        |
| 2         | 5.278       | 391           | 398         | 408          | rBV      | 1693984        | 2567231       | 22.93%          | 4.681%        |
| 3         | 6.837       | 655           | 663         | 678          | rBV      | 1650999        | 2576712       | 23.02%          | 4.698%        |
| 4         | 7.648       | 794           | 801         | 808          | rBV      | 618730         | 1028902       | 9.19%           | 1.876%        |
| 5         | 8.784       | 986           | 994         | 1007         | rBV      | 1008062        | 1673099       | 14.95%          | 3.051%        |
| 6         | 10.413      | 1261          | 1271        | 1279         | rBV      | 864379         | 1377399       | 12.30%          | 2.511%        |
| 7         | 12.895      | 1686          | 1693        | 1700         | rBV      | 2711513        | 3904985       | 34.88%          | 7.120%        |
| 8         | 14.125      | 1887          | 1902        | 1915         | rBV3     | 69158          | 271162        | 2.42%           | 0.494%        |
| 9         | 14.283      | 1922          | 1929        | 1937         | rVB      | 1130183        | 1811095       | 16.18%          | 3.302%        |
| 10        | 15.677      | 2160          | 2166        | 2173         | rVB      | 306330         | 470338        | 4.20%           | 0.858%        |
| 11        | 15.801      | 2181          | 2187        | 2197         | rBV      | 2104290        | 3225315       | 28.81%          | 5.881%        |
| 12        | 17.095      | 2401          | 2407        | 2419         | rVB2     | 1399270        | 2107943       | 18.83%          | 3.844%        |
| 13        | 18.054      | 2559          | 2570        | 2580         | rBV      | 4893822        | 7677909       | 68.59%          | 14.000%       |
| 14        | 19.177      | 2757          | 2761        | 2765         | rBV      | 249198         | 332770        | 2.97%           | 0.607%        |
| 15        | 19.254      | 2767          | 2774        | 2781         | rVV3     | 330116         | 953783        | 8.52%           | 1.739%        |
| 16        | 19.395      | 2787          | 2798        | 2807         | rBV      | 6762489        | 11194625      | 100.00%         | 20.412%       |
| 17        | 19.542      | 2820          | 2823        | 2828         | rVB2     | 115844         | 149445        | 1.33%           | 0.272%        |
| 18        | 19.836      | 2868          | 2873        | 2883         | rVB      | 4900883        | 5821816       | 52.01%          | 10.615%       |
| 19        | 20.154      | 2924          | 2927        | 2930         | rVV      | 214139         | 222359        | 1.99%           | 0.405%        |
| 20        | 20.189      | 2930          | 2933        | 2938         | rVB      | 265277         | 297210        | 2.65%           | 0.542%        |
| 21        | 21.224      | 3105          | 3109        | 3123         | rVB2     | 408231         | 848916        | 7.58%           | 1.548%        |
| 22        | 21.536      | 3157          | 3162        | 3168         | rBV      | 1831498        | 2652277       | 23.69%          | 4.836%        |
| 23        | 24.842      | 3717          | 3724        | 3740         | rVB      | 1094665        | 3119907       | 27.87%          | 5.689%        |

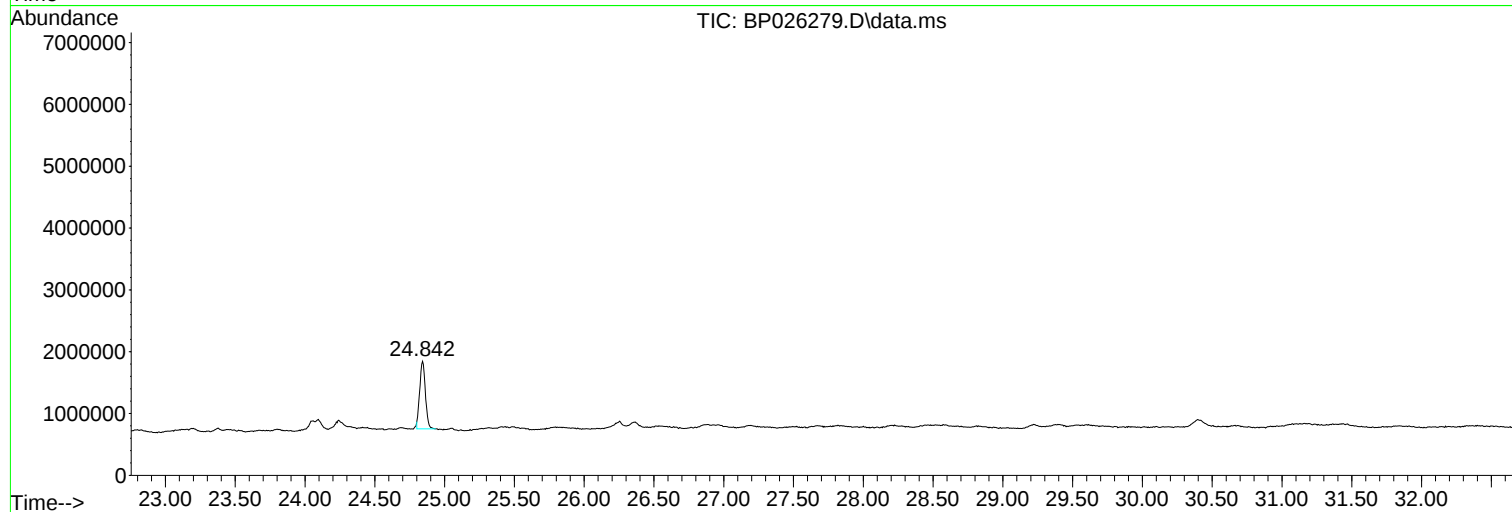
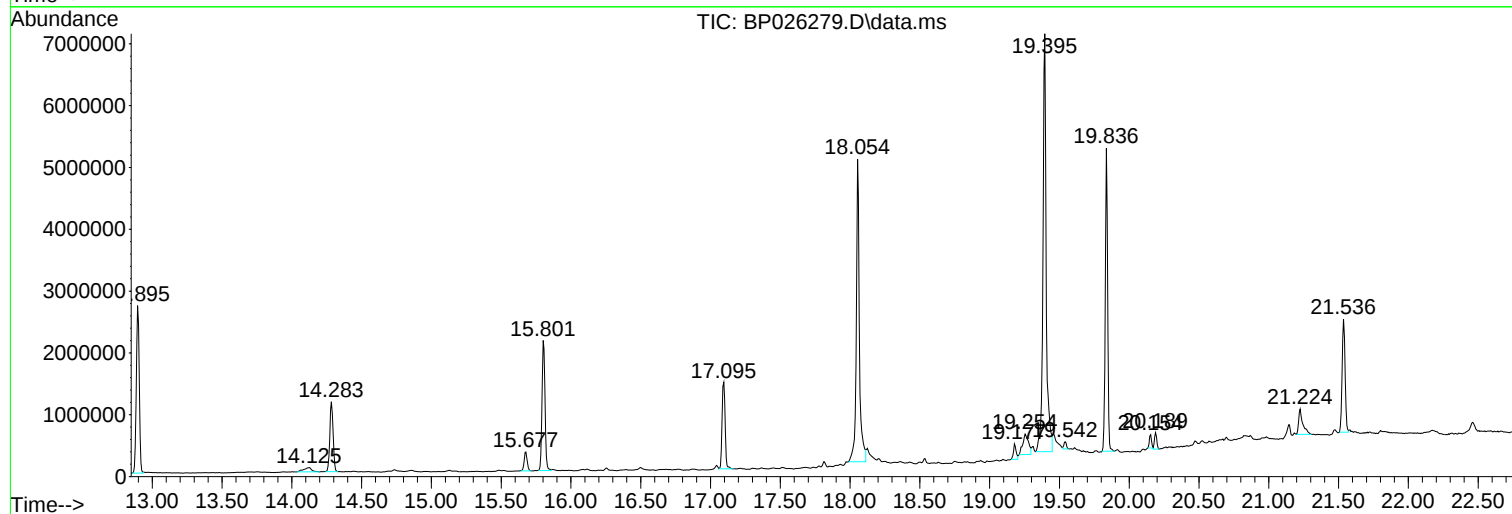
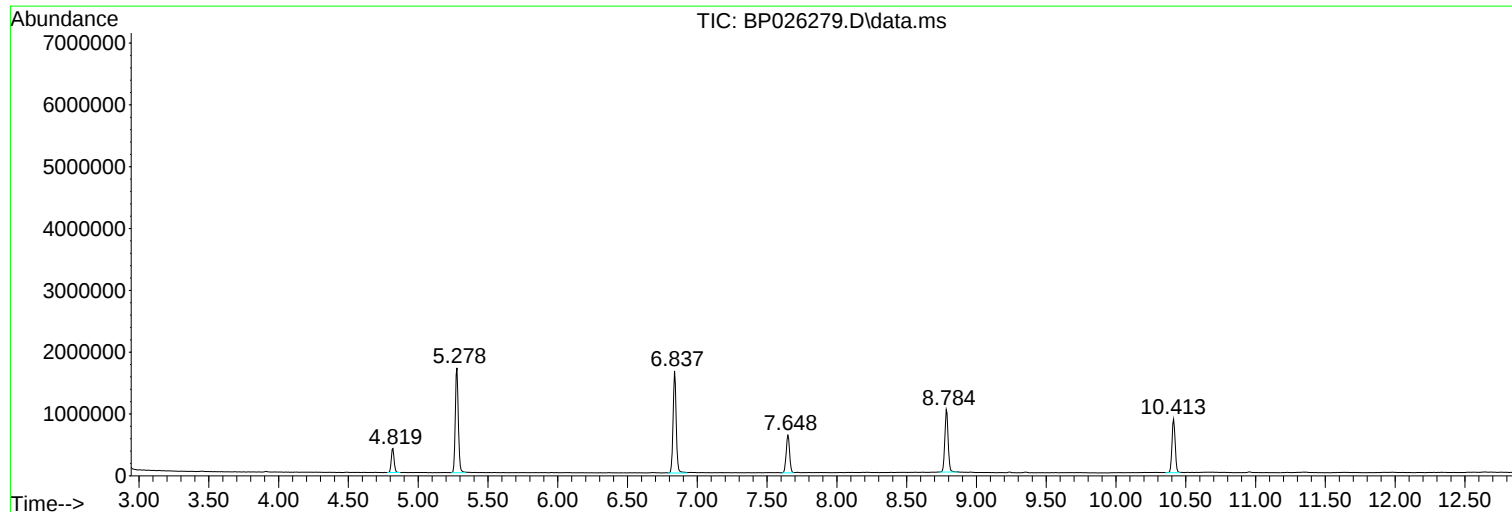
Sum of corrected areas: 54843826

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

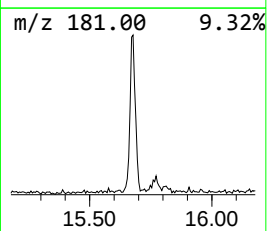
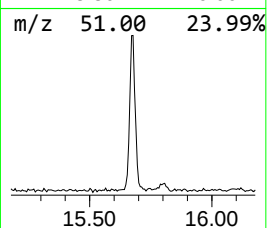
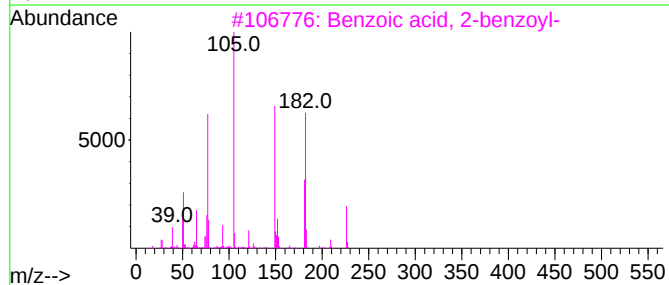
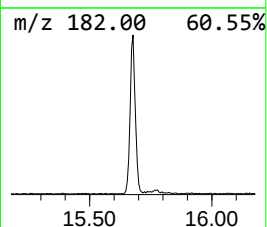
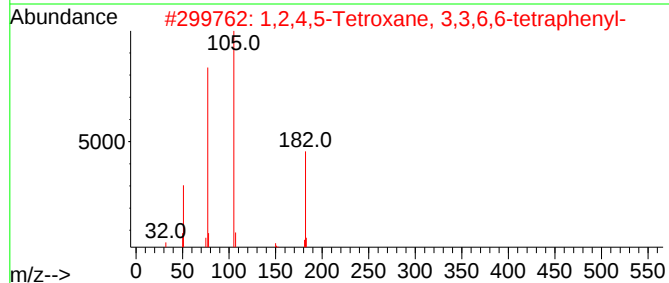
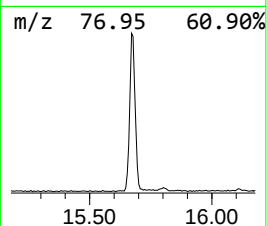
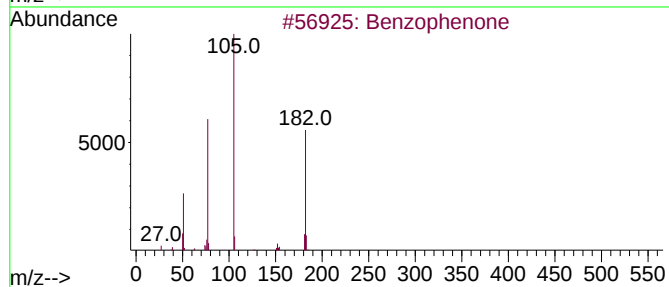
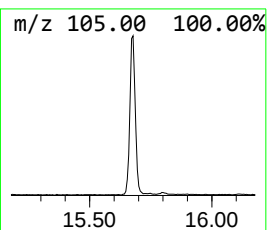
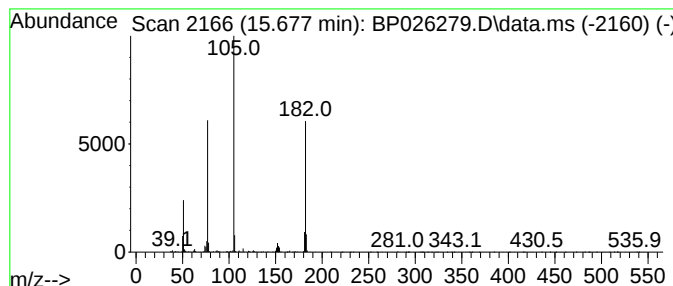
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Benzophenone Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.677 | 5.19 ng | 470338 | Acenaphthene-d10 | 14.283 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64   |
| 3    |    |   | Benzoic acid, 2-benzoyl-            | 226 | C14H10O3 | 000085-52-9 | 56   |
| 4    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 45   |
| 5    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

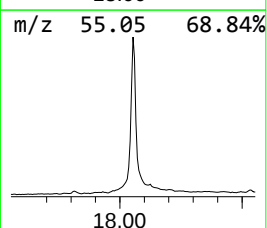
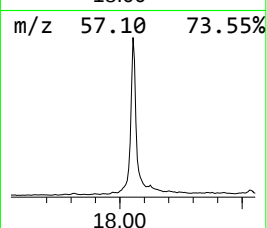
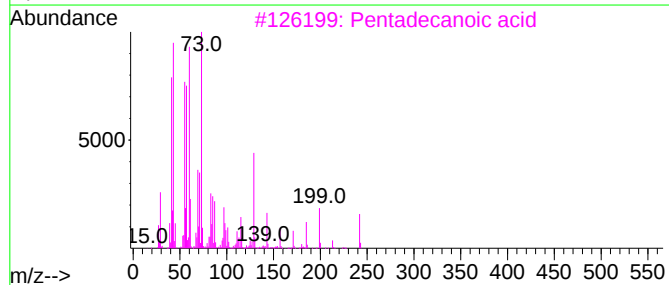
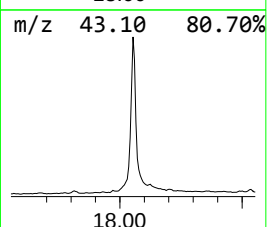
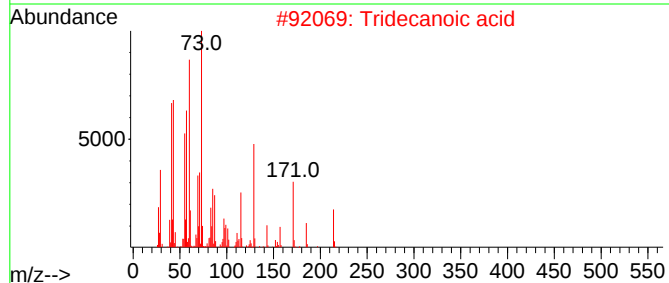
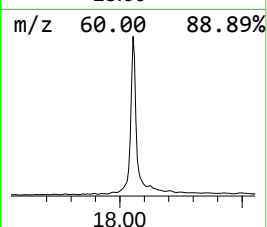
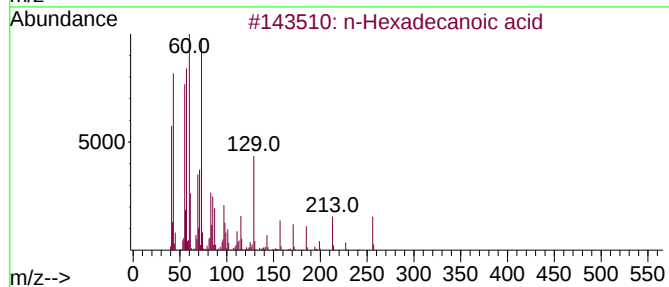
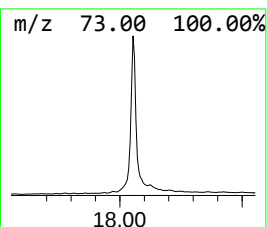
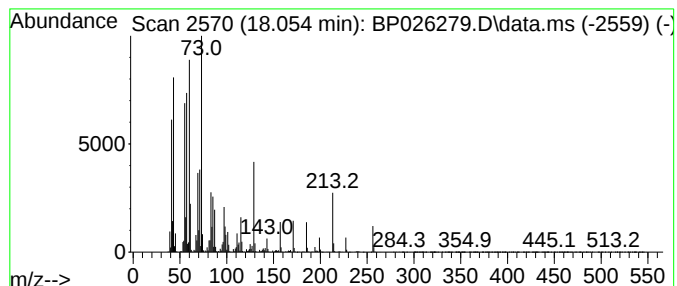
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc             | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------|---------|------------------|-------------|------|
| 18.054    | 72.85 ng            | 7677910 | Phenanthrene-d10 | 17.095      |      |
| 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 | 95   |
| 3         | Pentadecanoic acid  | 242     | C15H30O2         | 001002-84-2 | 93   |
| 4         | n-Decanoic acid     | 172     | C10H20O2         | 000334-48-5 | 68   |
| 5         | Undecanoic acid     | 186     | C11H22O2         | 000112-37-8 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

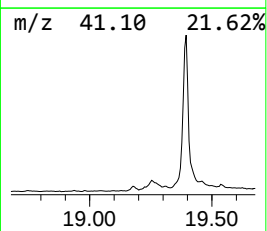
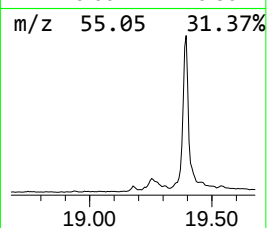
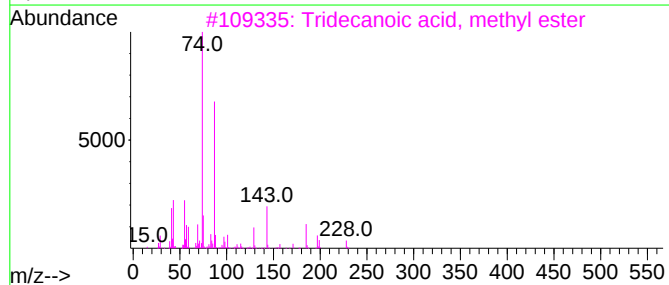
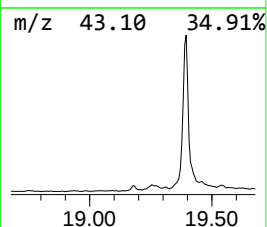
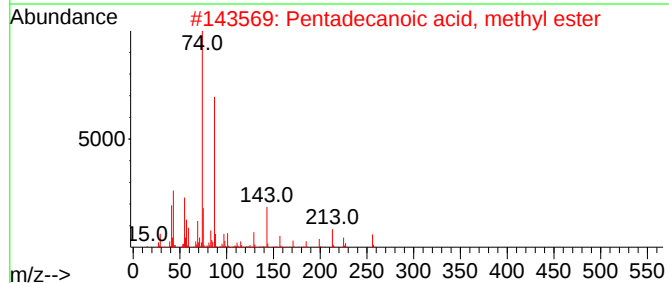
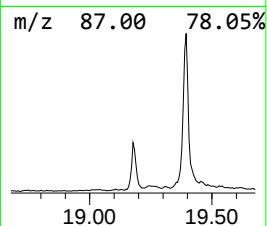
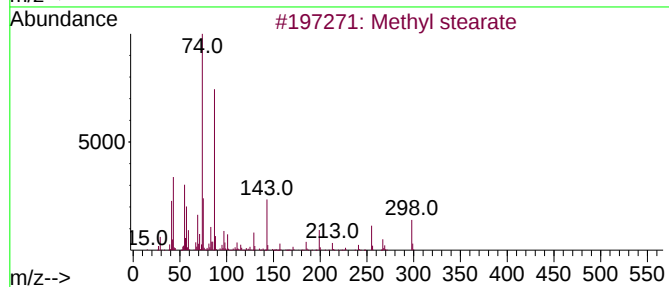
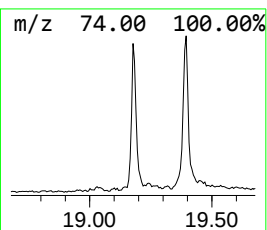
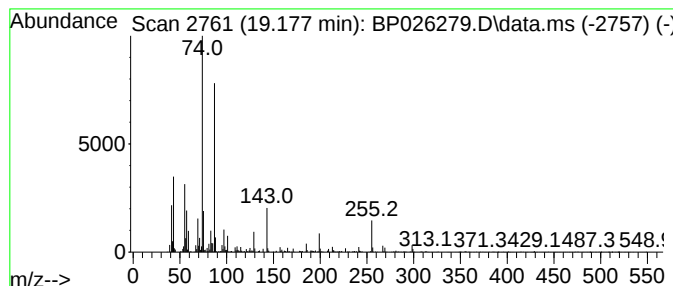
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Methyl stearate Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.177 | 3.16 ng | 332770 | Phenanthrene-d10 | 17.095 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                  | 298 | C19H38O2 | 000112-61-8 | 90   |
| 2    |    |   | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 86   |
| 3    |    |   | Tridecanoic acid, methyl ester   | 228 | C14H28O2 | 001731-88-0 | 86   |
| 4    |    |   | Methyl tetradecanoate            | 242 | C15H30O2 | 000124-10-7 | 86   |
| 5    |    |   | Heptadecanoic acid, methyl ester | 284 | C18H36O2 | 001731-92-6 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

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

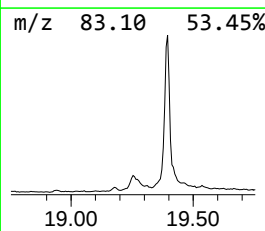
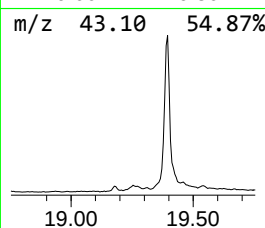
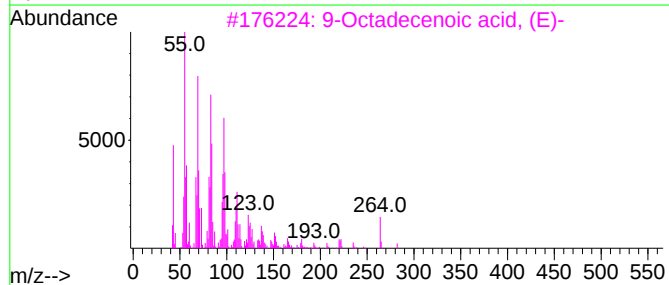
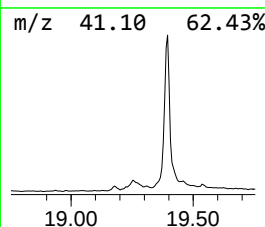
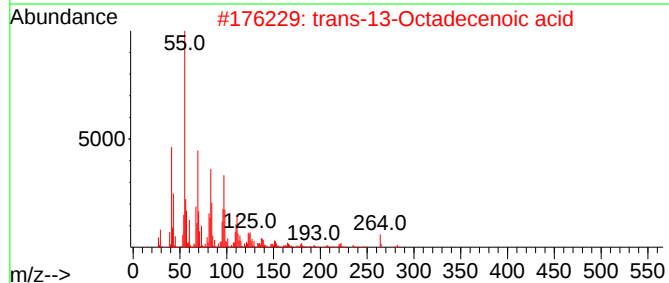
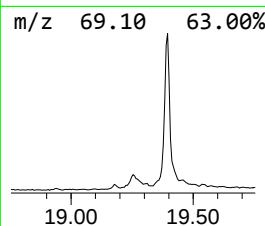
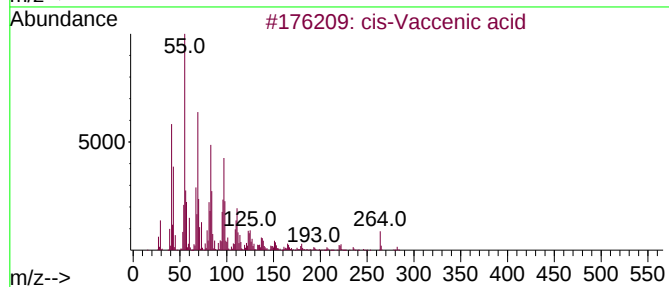
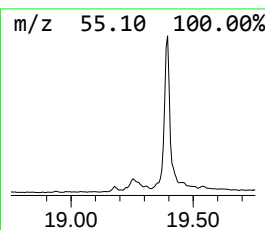
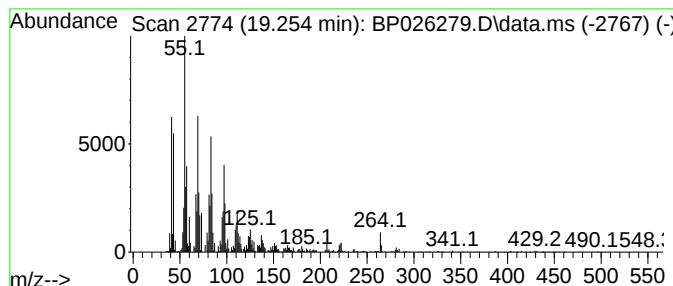
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 6 cis-Vaccenic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.254 | 9.05 ng | 953783 | Phenanthrene-d10 | 17.095 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | cis-Vaccenic acid          | 282 | C18H34O2 | 000506-17-2 | 99   |
| 2    |    |   | trans-13-Octadecenoic acid | 282 | C18H34O2 | 000693-71-0 | 98   |
| 3    |    |   | 9-Octadecenoic acid, (E)-  | 282 | C18H34O2 | 000112-79-8 | 96   |
| 4    |    |   | cis-13-Octadecenoic acid   | 282 | C18H34O2 | 013126-39-1 | 96   |
| 5    |    |   | Oleic Acid                 | 282 | C18H34O2 | 000112-80-1 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

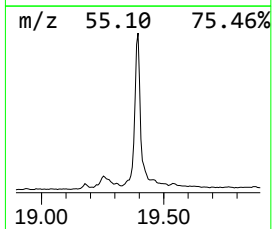
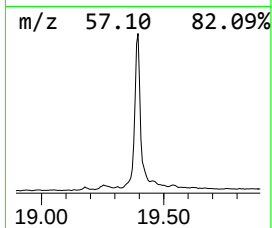
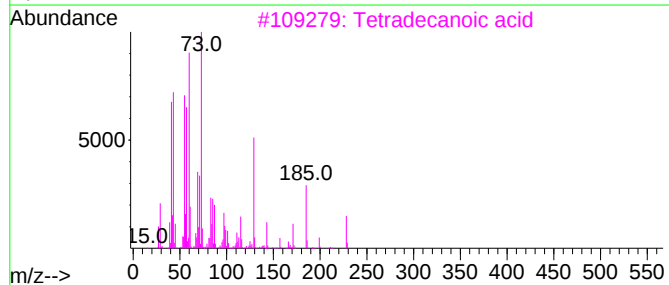
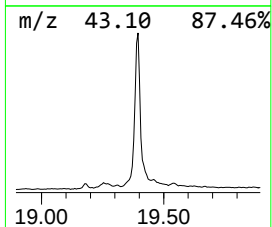
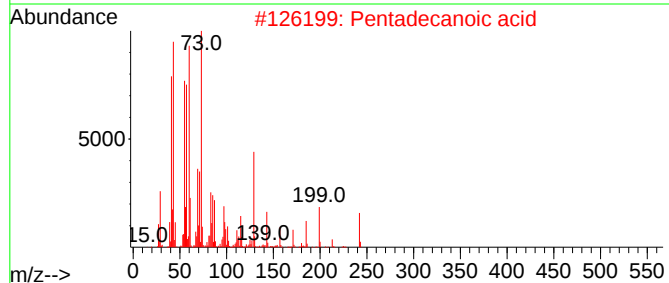
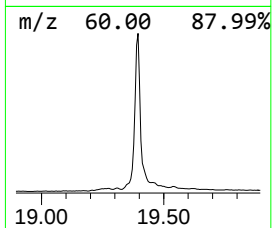
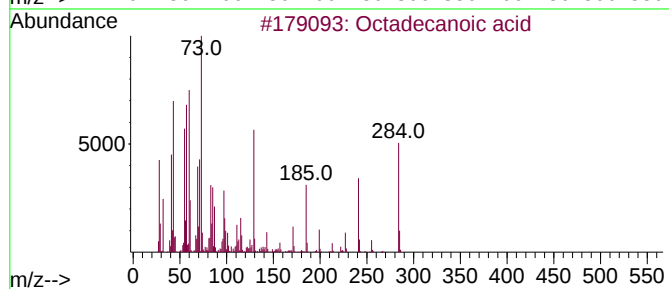
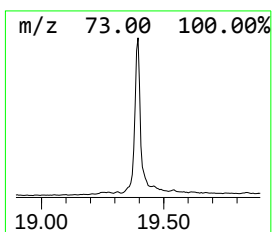
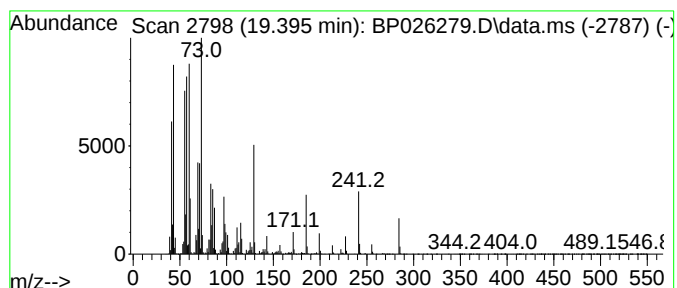
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 7 Octadecanoic acid Concentration Rank 1

| R.T.      | EstConc                             | Area     | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|----------|------------------|-------------|------|
| 19.395    | 84.42 ng                            | 11194600 | Chrysene-d12     | 21.536      |      |
| 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 | 90   |
| 3         | Tetradecanoic acid                  | 228      | C14H28O2         | 000544-63-8 | 83   |
| 4         | n-Hexadecanoic acid                 | 256      | C16H32O2         | 000057-10-3 | 83   |
| 5         | Octadecanoic acid, 2-(2-hydroxye... | 372      | C22H44O4         | 000106-11-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

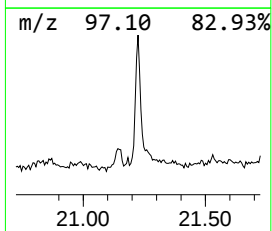
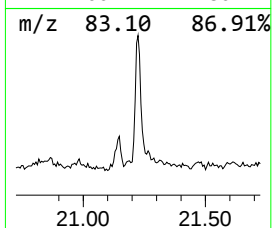
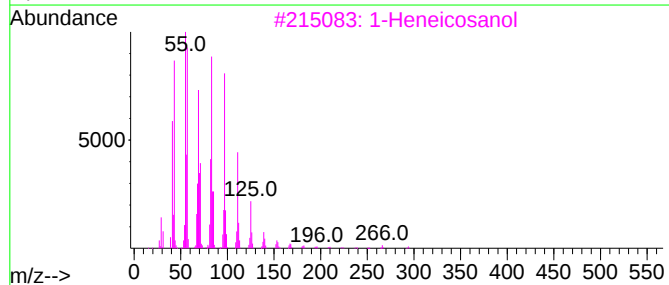
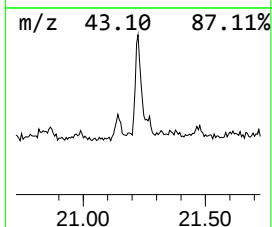
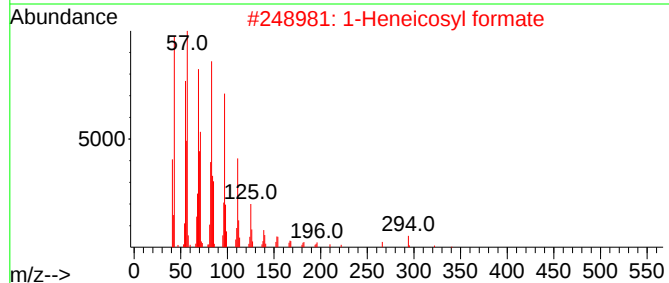
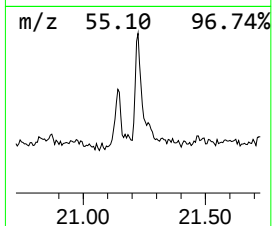
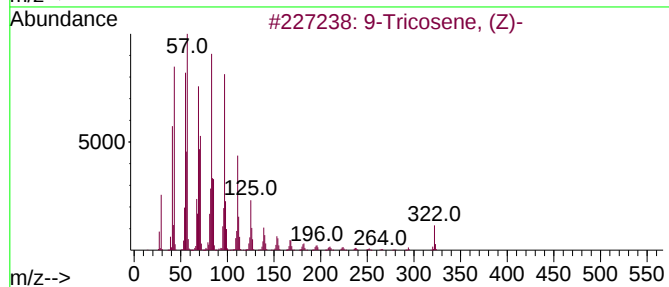
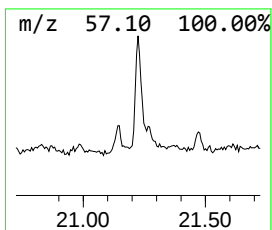
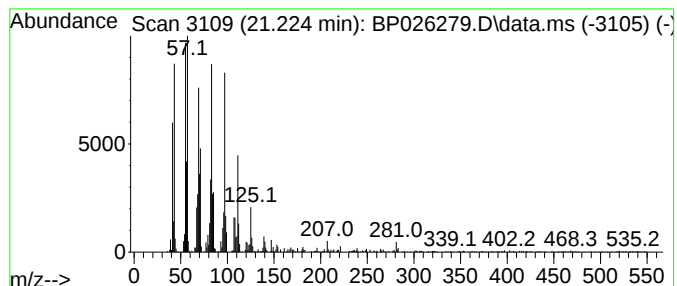
Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

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

\*\*\*\*\*  
Peak Number 9 9-Tricosene, (Z)- Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 21.224    | 6.40 ng                             | 848916 | Chrysene-d12     | 21.536      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 9-Tricosene, (Z)-                   | 322    | C23H46           | 027519-02-4 | 99   |
| 2         | 1-Heneicosyl formate                | 340    | C22H44O2         | 077899-03-7 | 96   |
| 3         | 1-Heneicosanol                      | 312    | C21H44O          | 015594-90-8 | 95   |
| 4         | Pentafluoropropionic acid, penta... | 374    | C18H31F5O2       | 959092-08-1 | 94   |
| 5         | Heptacos-1-ene                      | 378    | C27H54           | 015306-27-1 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
Data File : BP026279.D  
Acq On : 10 Dec 2025 17:11  
Operator : RC/JU  
Sample : Q3814-13  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-10

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

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.677 | 5.2     | ng    | 470338   | 3                     | 14.283 | 1811100 | 20.0 |
| n-Hexadecanoic ... | 18.054 | 72.8    | ng    | 7677910  | 4                     | 17.095 | 2107940 | 20.0 |
| Methyl stearate    | 19.177 | 3.2     | ng    | 332770   | 4                     | 17.095 | 2107940 | 20.0 |
| cis-Vaccenic acid  | 19.254 | 9.1     | ng    | 953783   | 4                     | 17.095 | 2107940 | 20.0 |
| Octadecanoic acid  | 19.395 | 84.4    | ng    | 11194600 | 5                     | 21.536 | 2652280 | 20.0 |
| 9-Tricosene, (Z)-  | 21.224 | 6.4     | ng    | 848916   | 5                     | 21.536 | 2652280 | 20.0 |