

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111425\  
 Data File : BP026139.D  
 Acq On : 14 Nov 2025 13:52  
 Operator : RC/JU  
 Sample : Q3631-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-208

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-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026139.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         | 3.460       | 85            | 89          | 101          | rVB      | 153496         | 226325        | 2.26%           | 0.317%        |
| 2         | 4.837       | 317           | 323         | 331          | rVB2     | 104266         | 160170        | 1.60%           | 0.224%        |
| 3         | 5.296       | 394           | 401         | 414          | rBV      | 3449593        | 5202355       | 51.97%          | 7.286%        |
| 4         | 6.854       | 657           | 666         | 677          | rBV      | 3367224        | 5328636       | 53.23%          | 7.463%        |
| 5         | 7.672       | 798           | 805         | 813          | rBV      | 1154242        | 1800803       | 17.99%          | 2.522%        |
| 6         | 8.807       | 990           | 998         | 1012         | rVB      | 2082006        | 3372883       | 33.70%          | 4.724%        |
| 7         | 10.442      | 1267          | 1276        | 1283         | rBV      | 1473104        | 2481025       | 24.79%          | 3.475%        |
| 8         | 12.919      | 1690          | 1697        | 1711         | rBV      | 4565969        | 7031195       | 70.24%          | 9.847%        |
| 9         | 14.307      | 1926          | 1933        | 1940         | rBV      | 2266888        | 3193992       | 31.91%          | 4.473%        |
| 10        | 14.372      | 1940          | 1944        | 1950         | rVB      | 69176          | 107910        | 1.08%           | 0.151%        |
| 11        | 15.377      | 2110          | 2115        | 2120         | rBV2     | 99175          | 142822        | 1.43%           | 0.200%        |
| 12        | 15.513      | 2132          | 2138        | 2148         | rVB      | 96591          | 252602        | 2.52%           | 0.354%        |
| 13        | 15.695      | 2162          | 2169        | 2176         | rBV      | 825443         | 1305093       | 13.04%          | 1.828%        |
| 14        | 15.830      | 2185          | 2192        | 2201         | rBV      | 4065134        | 5801850       | 57.96%          | 8.125%        |
| 15        | 16.277      | 2263          | 2268        | 2272         | rVB      | 146904         | 210291        | 2.10%           | 0.295%        |
| 16        | 17.124      | 2405          | 2412        | 2416         | rBV      | 2711776        | 3841574       | 38.38%          | 5.380%        |
| 17        | 17.160      | 2416          | 2418        | 2425         | rVB      | 539287         | 716671        | 7.16%           | 1.004%        |
| 18        | 17.260      | 2431          | 2435        | 2441         | rVB      | 100512         | 141407        | 1.41%           | 0.198%        |
| 19        | 17.542      | 2479          | 2483        | 2488         | rBV2     | 70269          | 116360        | 1.16%           | 0.163%        |
| 20        | 18.030      | 2562          | 2566        | 2569         | rBV      | 110663         | 174615        | 1.74%           | 0.245%        |
| 21        | 18.077      | 2569          | 2574        | 2593         | rVV      | 1426184        | 2311611       | 23.09%          | 3.237%        |
| 22        | 18.236      | 2597          | 2601        | 2605         | rVV3     | 90106          | 142786        | 1.43%           | 0.200%        |
| 23        | 18.348      | 2617          | 2620        | 2624         | rBV4     | 92627          | 169473        | 1.69%           | 0.237%        |
| 24        | 18.407      | 2625          | 2630        | 2636         | rVB4     | 176531         | 416158        | 4.16%           | 0.583%        |
| 25        | 19.265      | 2771          | 2776        | 2788         | rBV      | 954809         | 1684971       | 16.83%          | 2.360%        |
| 26        | 19.424      | 2799          | 2803        | 2809         | rBV      | 475659         | 736545        | 7.36%           | 1.032%        |
| 27        | 19.642      | 2836          | 2840        | 2848         | rVB      | 745114         | 1083450       | 10.82%          | 1.517%        |
| 28        | 19.865      | 2874          | 2878        | 2891         | rVB      | 8168575        | 10009782      | 100.00%         | 14.019%       |
| 29        | 20.707      | 3018          | 3021        | 3027         | rBV      | 586272         | 672313        | 6.72%           | 0.942%        |
| 30        | 21.265      | 3112          | 3116        | 3131         | rVB3     | 595550         | 1336237       | 13.35%          | 1.871%        |
| 31        | 21.577      | 3163          | 3169        | 3175         | rBV      | 2680046        | 4414876       | 44.11%          | 6.183%        |
| 32        | 21.995      | 3238          | 3240        | 3241         | rBV      | 271503         | 229594        | 2.29%           | 0.322%        |
| 33        | 22.901      | 3390          | 3394        | 3406         | rVB      | 670589         | 1264386       | 12.63%          | 1.771%        |
| 34        | 24.912      | 3728          | 3736        | 3747         | rVB      | 2015293        | 5322272       | 53.17%          | 7.454%        |

Sum of corrected areas: 71403033

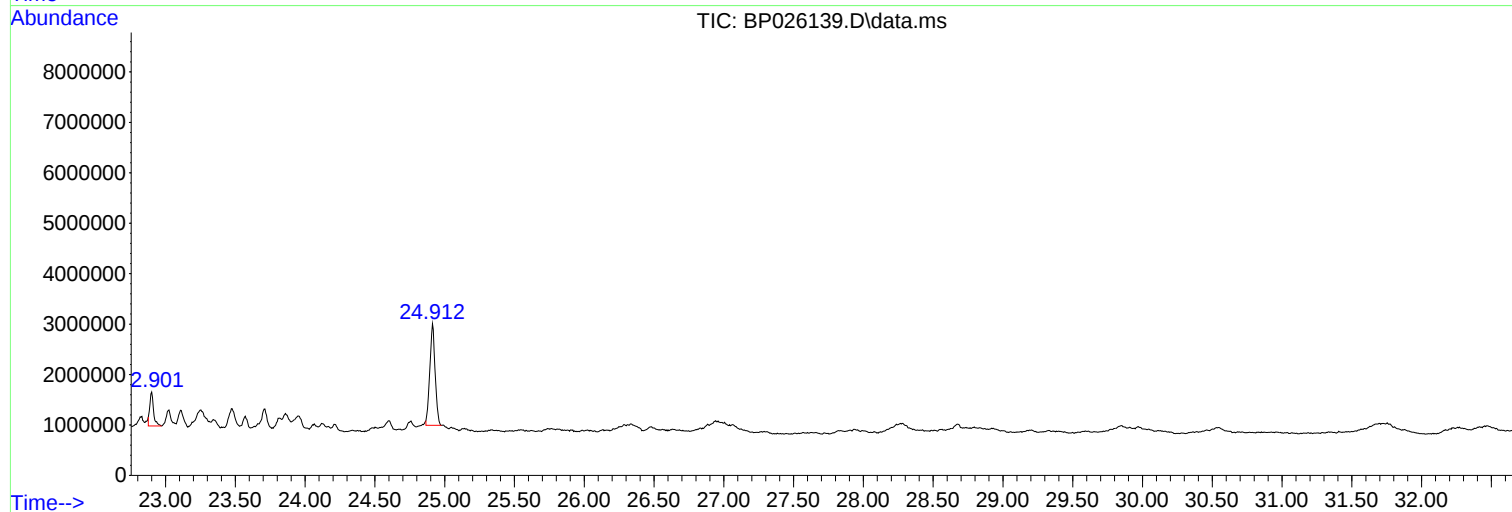
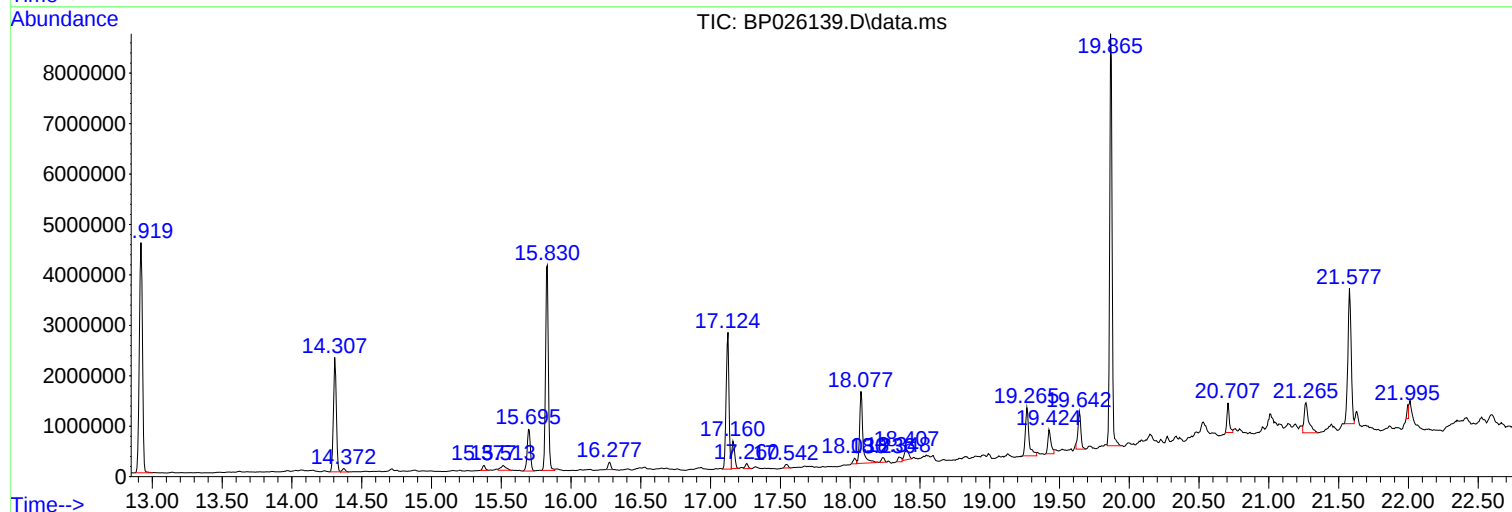
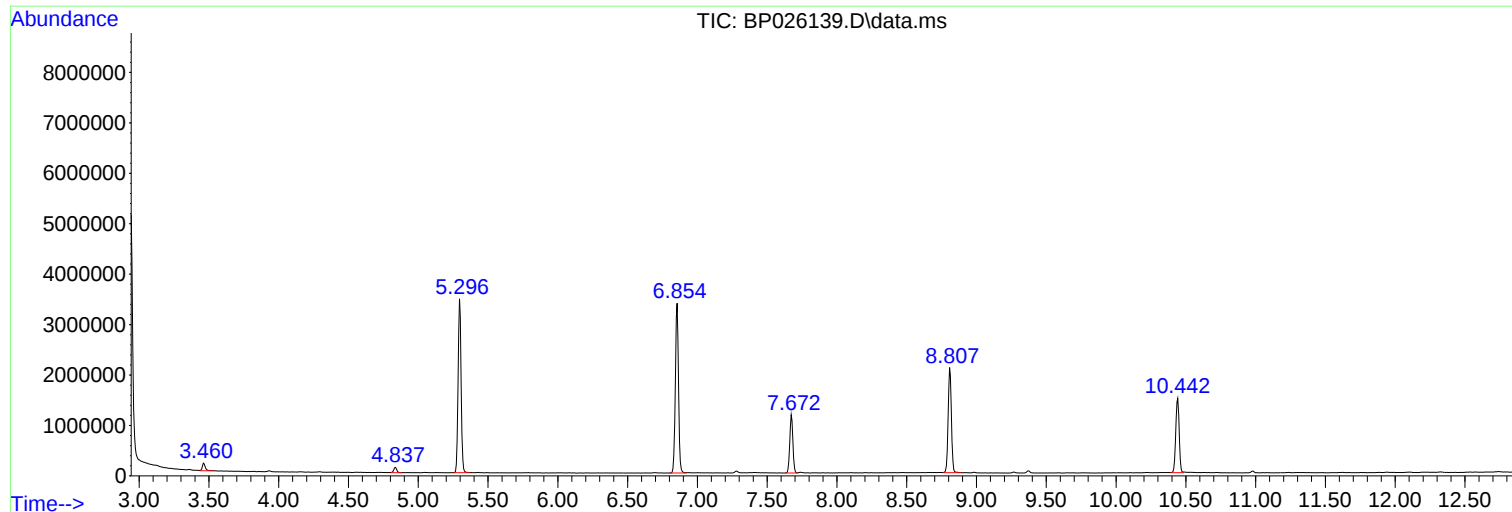
**Instrument :**  
BNA\_P  
**ClientSampleId :**  
VNJ-208

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111425\  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.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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ClientSampleId :  
VNJ-208

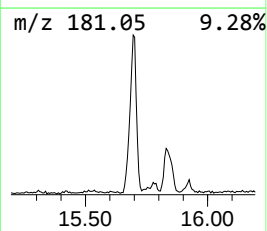
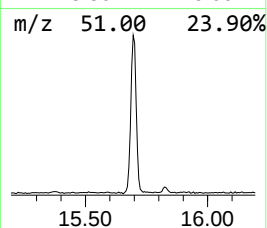
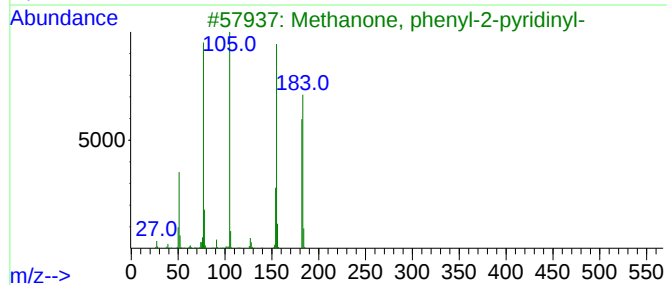
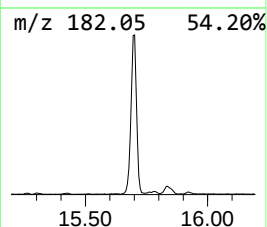
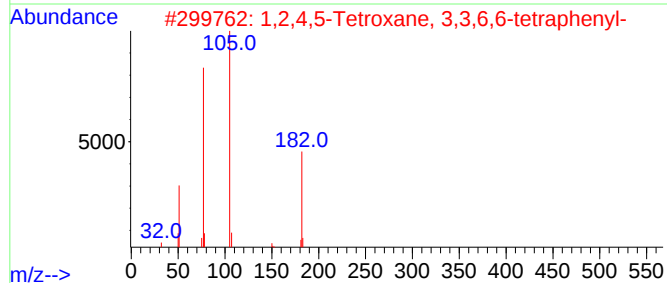
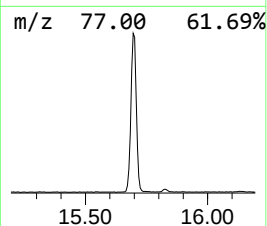
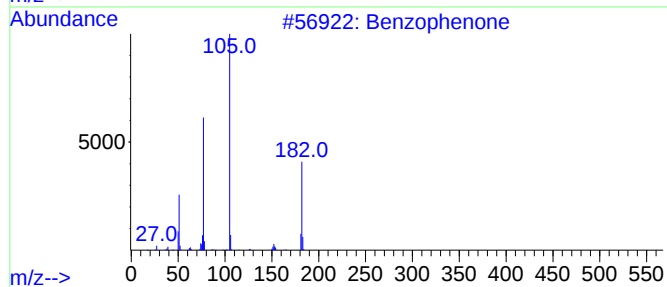
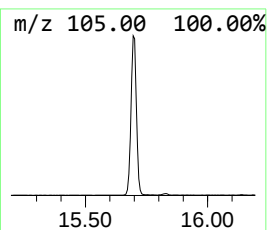
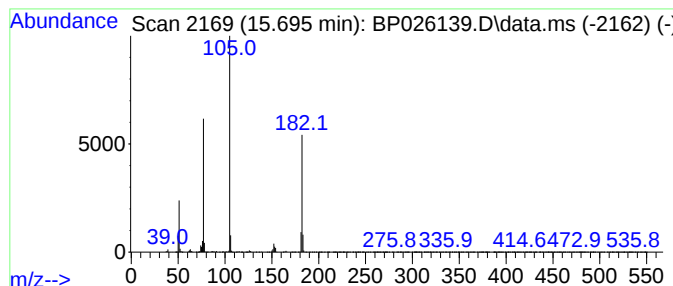
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 15.695 | 8.17 ng | 1305090 | Acenaphthene-d10 | 14.307 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 97   |
| 2    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 78   |
| 3    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 45   |
| 4    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 42   |
| 5    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 40   |



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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-208

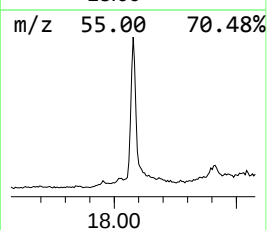
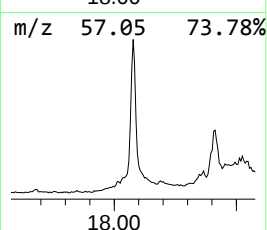
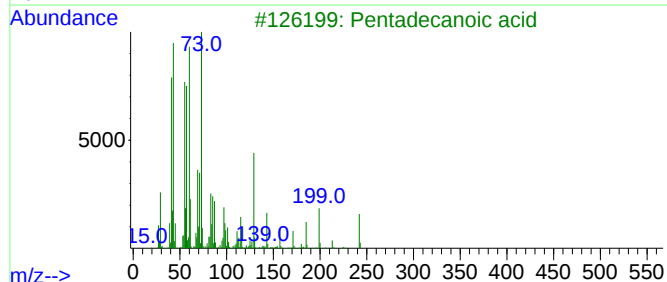
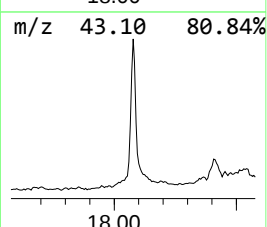
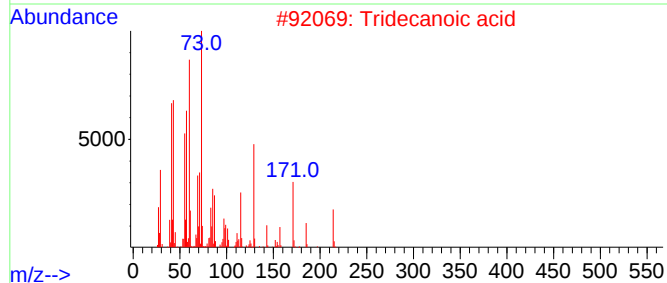
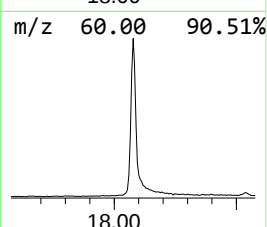
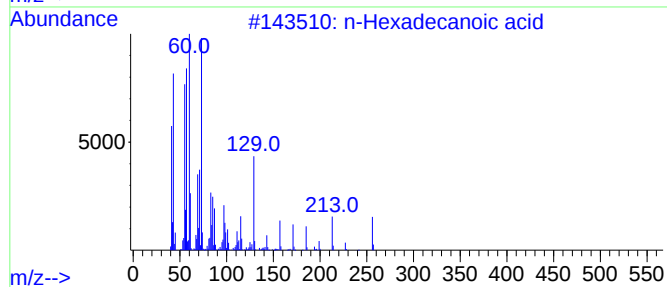
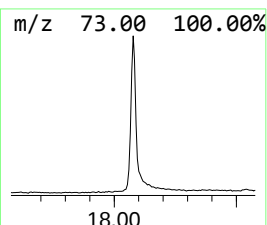
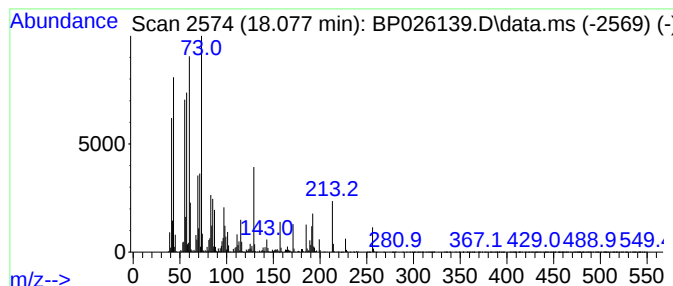
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.   |
|--------|----------|---------|------------------|--------|
| 18.077 | 12.03 ng | 2311610 | Phenanthrene-d10 | 17.124 |

| 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 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |



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Sample : Q3631-03  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-208

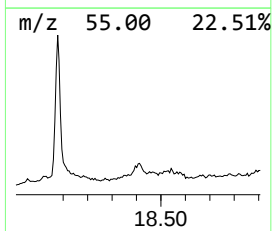
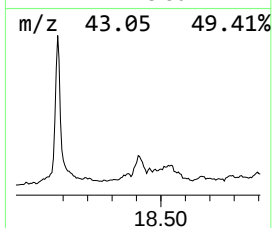
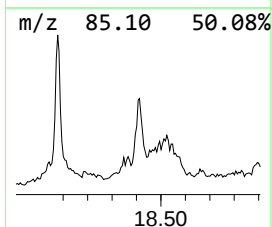
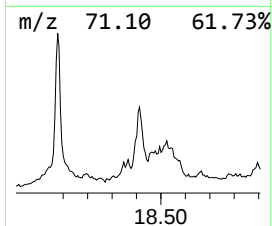
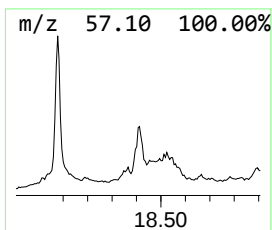
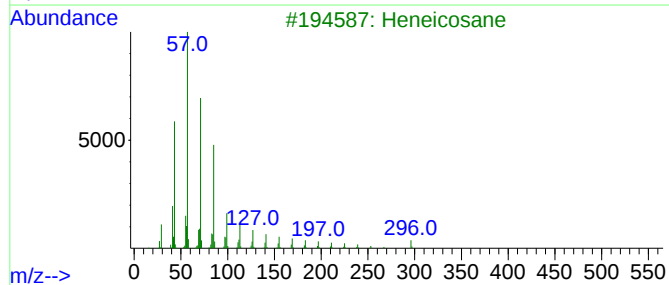
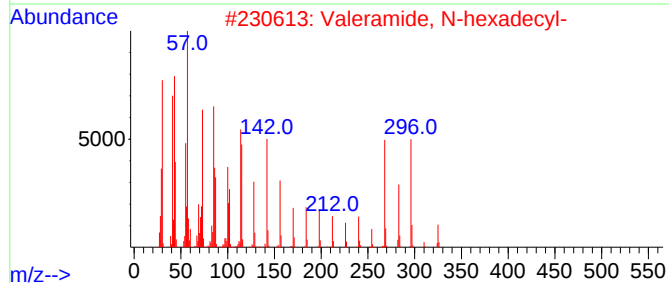
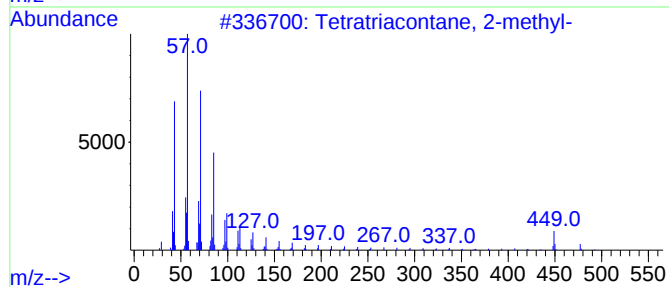
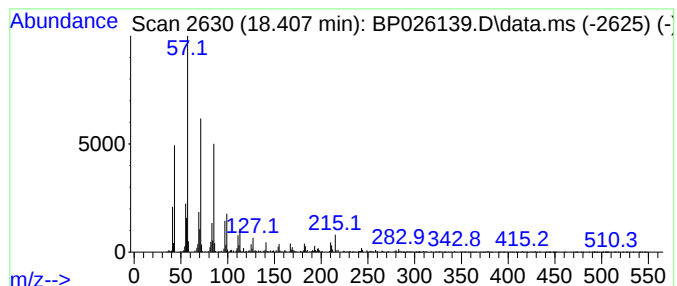
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Tetratriacontane, 2-methyl- Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.407 | 2.17 ng | 416158 | Phenanthrene-d10 | 17.124 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetratriacontane, 2-methyl- | 493 | C35H72   | 014167-65-8  | 96   |
| 2    |    |   | Valeramide, N-hexadecyl-    | 325 | C21H43NO | 1000419-96-9 | 95   |
| 3    |    |   | Heneicosane                 | 296 | C21H44   | 000629-94-7  | 91   |
| 4    |    |   | Docosane, 11-butyl-         | 366 | C26H54   | 013475-76-8  | 91   |
| 5    |    |   | Tetracosane, 11-decyl-      | 479 | C34H70   | 055429-84-0  | 90   |



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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-208

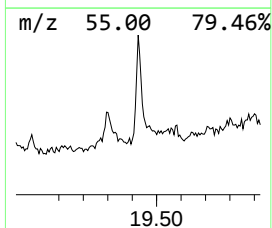
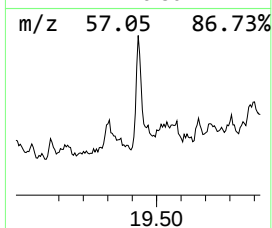
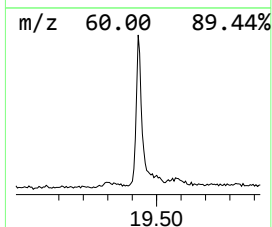
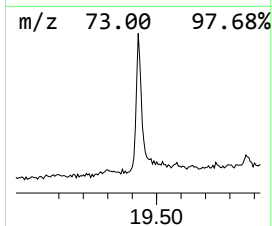
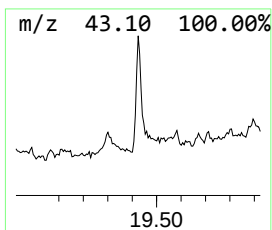
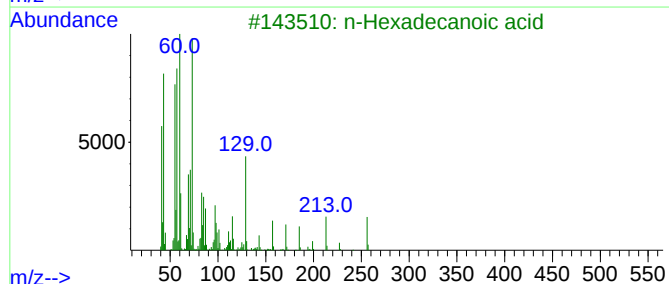
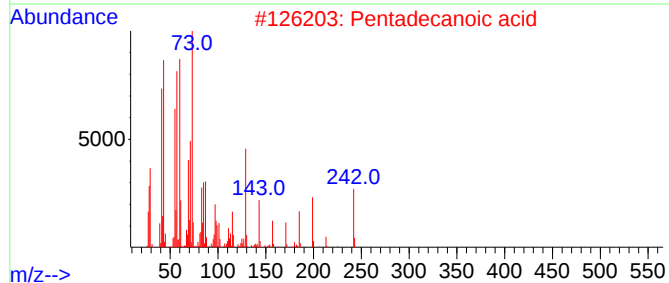
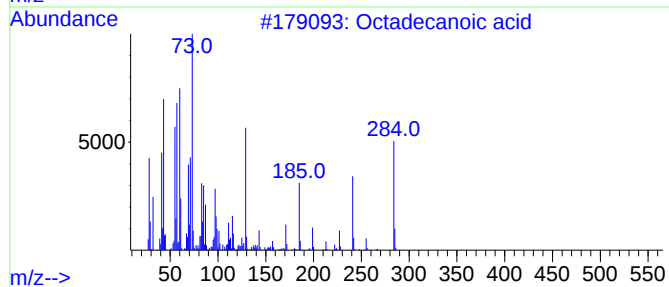
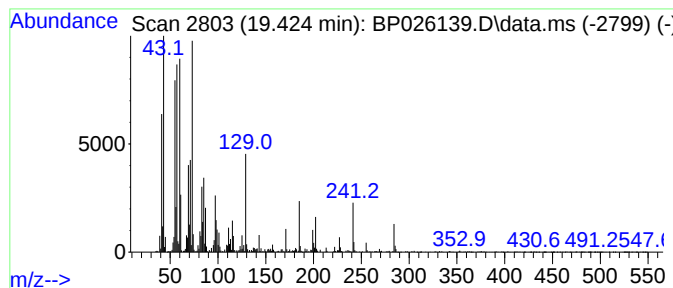
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.424 | 3.34 ng | 736545 | Chrysene-d12     | 21.577 |

| 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    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 83   |
| 4    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 80   |
| 5    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72   |



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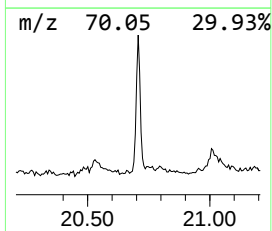
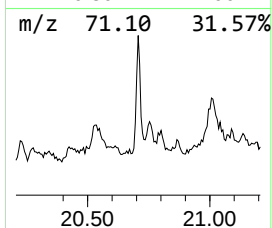
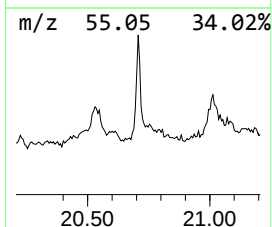
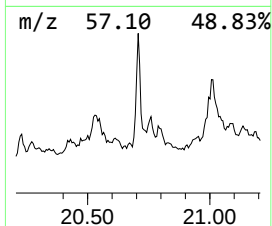
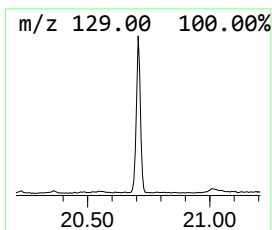
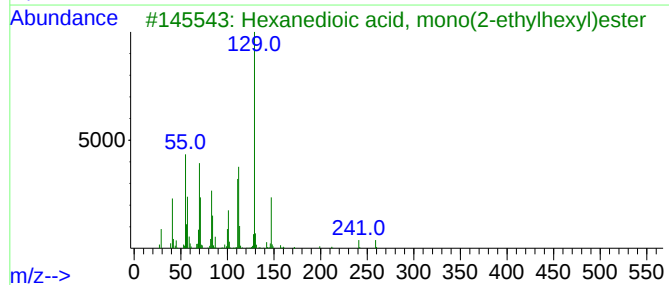
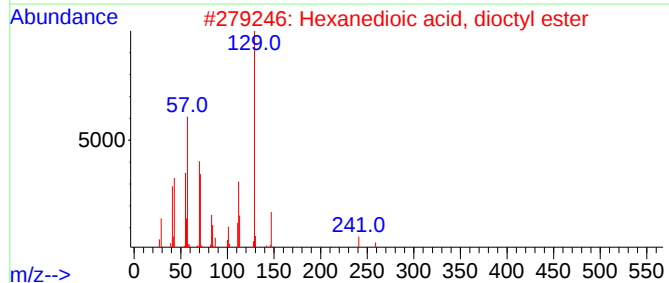
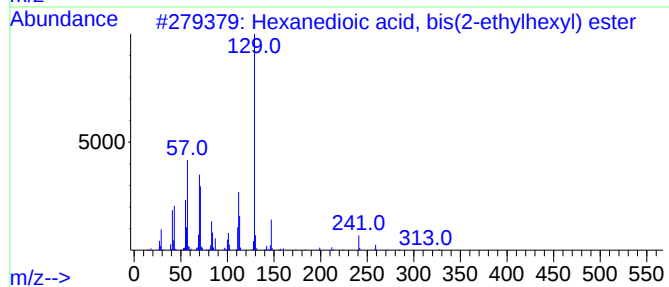
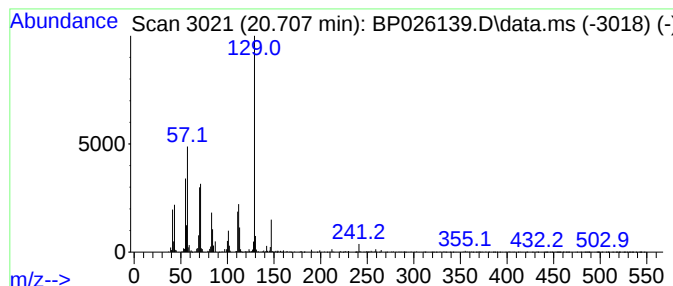
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.706 | 3.05 ng | 672313 | Chrysene-d12     | 21.577 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1  | 91   |
| 2    |    |   | Hexanedioic acid, dioctyl ester     | 370 | C22H42O4 | 000123-79-5  | 76   |
| 3    |    |   | Hexanedioic acid, mono(2-ethylhe... | 258 | C14H26O4 | 004337-65-9  | 70   |
| 4    |    |   | Diisooctyl adipate                  | 370 | C22H42O4 | 001330-86-5  | 62   |
| 5    |    |   | Adipic acid, 2-ethylhexyl isobut... | 314 | C18H34O4 | 1010324-48-0 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111425\  
Data File : BP026139.D  
Acq On : 14 Nov 2025 13:52  
Operator : RC/JU  
Sample : Q3631-03  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-208

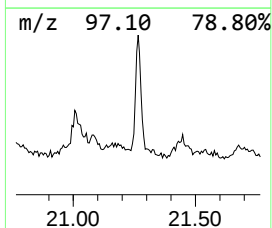
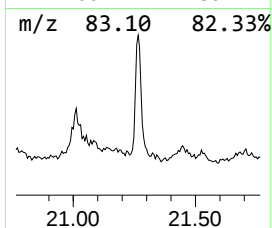
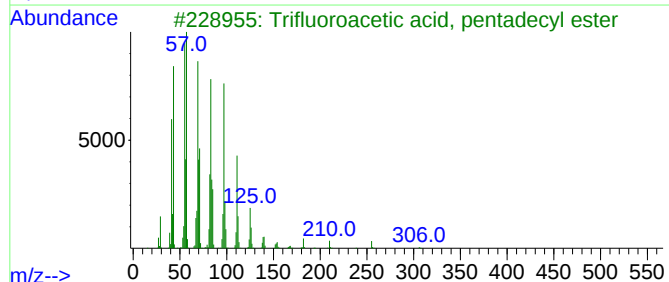
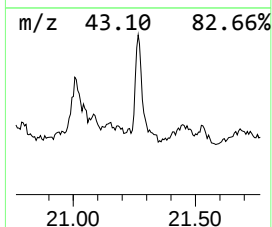
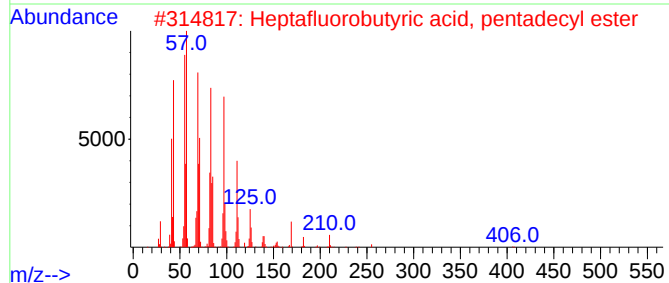
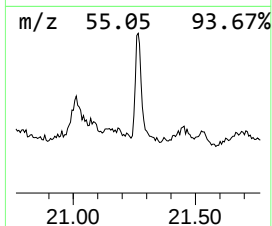
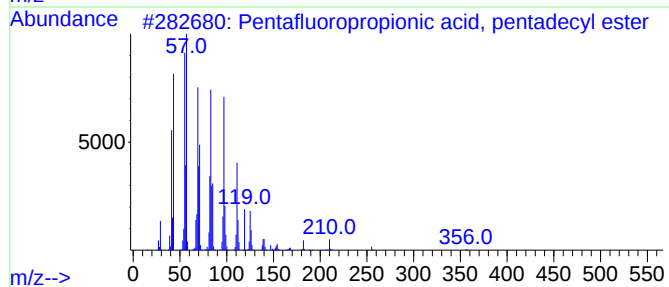
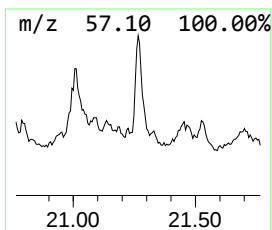
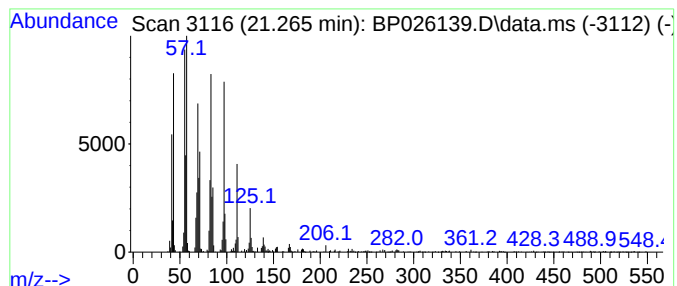
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 21.265    | 6.05 ng                             | 1336240 | Chrysene-d12     | 21.577      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Pentafluoropropionic acid, penta... | 374     | C18H31F5O2       | 959092-08-1 | 94   |
| 2         | Heptafluorobutyric acid, pentade... | 424     | C19H31F7O2       | 959261-23-5 | 94   |
| 3         | Trifluoroacetic acid, pentadecyl... | 324     | C17H31F3O2       | 959010-23-2 | 94   |
| 4         | Triacontyl acetate                  | 480     | C32H64O2         | 041755-58-2 | 93   |
| 5         | 2- Chloropropionic acid, hexadec... | 332     | C19H37ClO2       | 086711-81-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111425\  
Data File : BP026139.D  
Acq On : 14 Nov 2025 13:52  
Operator : RC/JU  
Sample : Q3631-03  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP102925.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 |
| Benzophenone       | 15.695 | 8.2     | ng    | 1305090  | 3                     | 14.307 | 3193990 | 20.0 |
| n-Hexadecanoic ... | 18.077 | 12.0    | ng    | 2311610  | 4                     | 17.124 | 3841570 | 20.0 |
| Tetratriacontan... | 18.407 | 2.2     | ng    | 416158   | 4                     | 17.124 | 3841570 | 20.0 |
| Octadecanoic acid  | 19.424 | 3.3     | ng    | 736545   | 5                     | 21.577 | 4414880 | 20.0 |
| Hexanedioic aci... | 20.706 | 3.0     | ng    | 672313   | 5                     | 21.577 | 4414880 | 20.0 |
| Pentafluoroprop... | 21.265 | 6.0     | ng    | 1336240  | 5                     | 21.577 | 4414880 | 20.0 |