

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
 Data File : BP025149.D  
 Acq On : 15 Jul 2025 17:21  
 Operator : CG/JU  
 Sample : Q2590-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 NB-7-071125

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-BP070325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025149.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         | 4.666       | 288           | 294         | 304          | rVB      | 743621         | 1017049       | 3.67%           | 0.565%        |
| 2         | 5.108       | 363           | 369         | 379          | rBV      | 8057069        | 11658534      | 42.10%          | 6.476%        |
| 3         | 6.643       | 622           | 630         | 645          | rBV      | 8152173        | 12557303      | 45.34%          | 6.976%        |
| 4         | 7.449       | 759           | 767         | 774          | rBV      | 2817385        | 4266621       | 15.41%          | 2.370%        |
| 5         | 8.572       | 942           | 958         | 972          | rBV      | 5195851        | 8431202       | 30.44%          | 4.684%        |
| 6         | 10.190      | 1224          | 1233        | 1240         | rBV      | 3639551        | 6333994       | 22.87%          | 3.519%        |
| 7         | 11.384      | 1429          | 1436        | 1445         | rBV2     | 284892         | 490561        | 1.77%           | 0.273%        |
| 8         | 12.125      | 1558          | 1562        | 1568         | rBV      | 286962         | 437309        | 1.58%           | 0.243%        |
| 9         | 12.431      | 1610          | 1614        | 1621         | rVB3     | 178749         | 362407        | 1.31%           | 0.201%        |
| 10        | 12.695      | 1652          | 1659        | 1665         | rBV      | 13008823       | 20719433      | 74.81%          | 11.510%       |
| 11        | 14.084      | 1889          | 1895        | 1903         | rBV      | 5331436        | 8286629       | 29.92%          | 4.603%        |
| 12        | 15.489      | 2128          | 2134        | 2143         | rVB      | 1081063        | 1676740       | 6.05%           | 0.931%        |
| 13        | 15.619      | 2149          | 2156        | 2167         | rBV      | 10346335       | 15694808      | 56.67%          | 8.719%        |
| 14        | 16.060      | 2226          | 2231        | 2238         | rVB2     | 323916         | 491518        | 1.77%           | 0.273%        |
| 15        | 16.901      | 2367          | 2374        | 2380         | rBV2     | 5506771        | 9288884       | 33.54%          | 5.160%        |
| 16        | 16.954      | 2380          | 2383        | 2389         | rVB      | 650051         | 897840        | 3.24%           | 0.499%        |
| 17        | 17.048      | 2395          | 2399        | 2405         | rVB2     | 201590         | 319277        | 1.15%           | 0.177%        |
| 18        | 17.495      | 2471          | 2475        | 2484         | rVB5     | 162058         | 306753        | 1.11%           | 0.170%        |
| 19        | 17.830      | 2526          | 2532        | 2536         | rBV2     | 1314215        | 2005490       | 7.24%           | 1.114%        |
| 20        | 17.889      | 2538          | 2542        | 2557         | rVV      | 4370281        | 6199030       | 22.38%          | 3.444%        |
| 21        | 18.007      | 2559          | 2562        | 2568         | rVB      | 191636         | 336725        | 1.22%           | 0.187%        |
| 22        | 18.377      | 2622          | 2625        | 2634         | rVB3     | 179306         | 318893        | 1.15%           | 0.177%        |
| 23        | 18.895      | 2708          | 2713        | 2716         | rBV2     | 306009         | 554922        | 2.00%           | 0.308%        |
| 24        | 19.048      | 2734          | 2739        | 2745         | rVB      | 2503691        | 3766297       | 13.60%          | 2.092%        |
| 25        | 19.219      | 2764          | 2768        | 2770         | rBV      | 630551         | 778714        | 2.81%           | 0.433%        |
| 26        | 19.248      | 2770          | 2773        | 2781         | rVB      | 947687         | 1381654       | 4.99%           | 0.768%        |
| 27        | 19.424      | 2794          | 2803        | 2809         | rBV      | 2786370        | 5553424       | 20.05%          | 3.085%        |
| 28        | 19.672      | 2840          | 2845        | 2850         | rBV      | 23869877       | 27695642      | 100.00%         | 15.385%       |
| 29        | 19.966      | 2891          | 2895        | 2899         | rVB      | 329555         | 450614        | 1.63%           | 0.250%        |
| 30        | 20.360      | 2958          | 2962        | 2964         | rBV      | 667479         | 832048        | 3.00%           | 0.462%        |
| 31        | 21.071      | 3079          | 3083        | 3089         | rBV      | 1664033        | 2576452       | 9.30%           | 1.431%        |
| 32        | 21.336      | 3121          | 3128        | 3133         | rBV3     | 6404141        | 11686516      | 42.20%          | 6.492%        |
| 33        | 21.383      | 3133          | 3136        | 3141         | rVB      | 1203659        | 1622534       | 5.86%           | 0.901%        |
| 34        | 22.260      | 3282          | 3285        | 3292         | rVB2     | 1025146        | 1873214       | 6.76%           | 1.041%        |
| 35        | 24.477      | 3655          | 3662        | 3670         | rBV      | 3840155        | 9147226       | 33.03%          | 5.081%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

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-BP070325.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

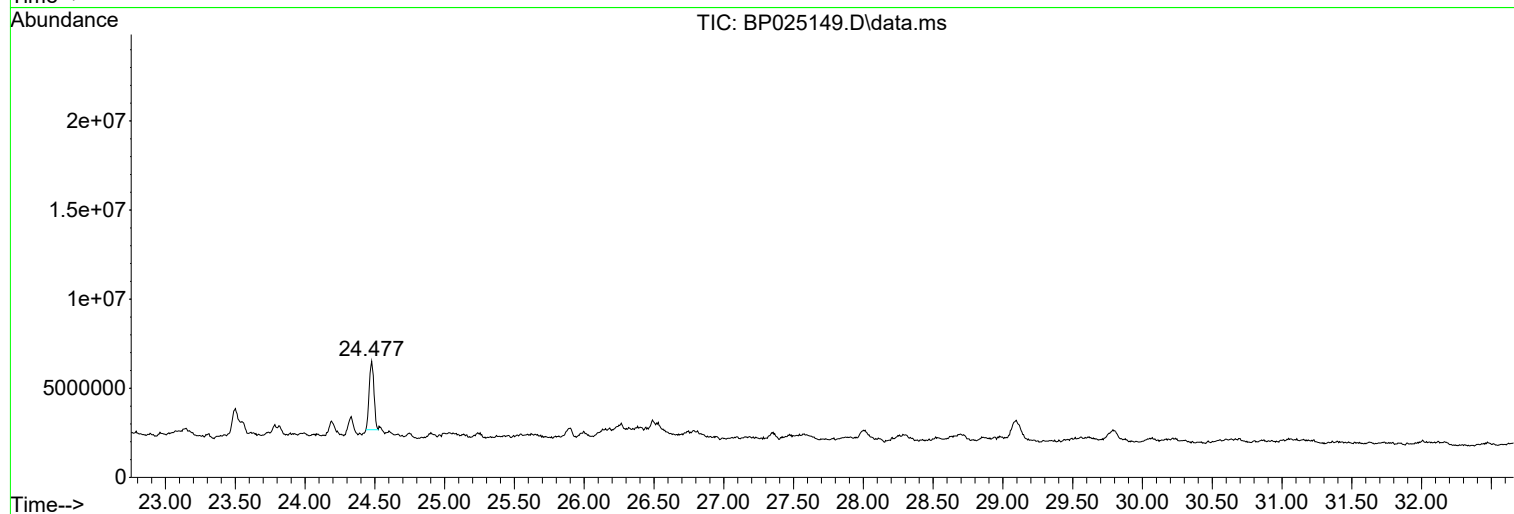
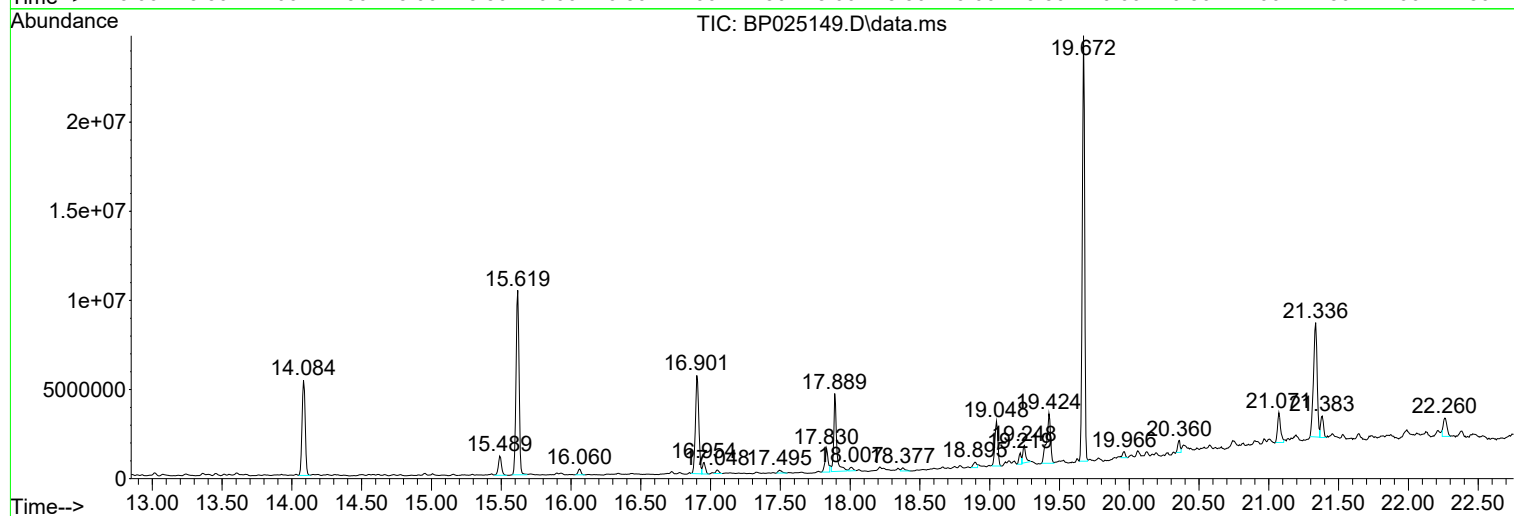
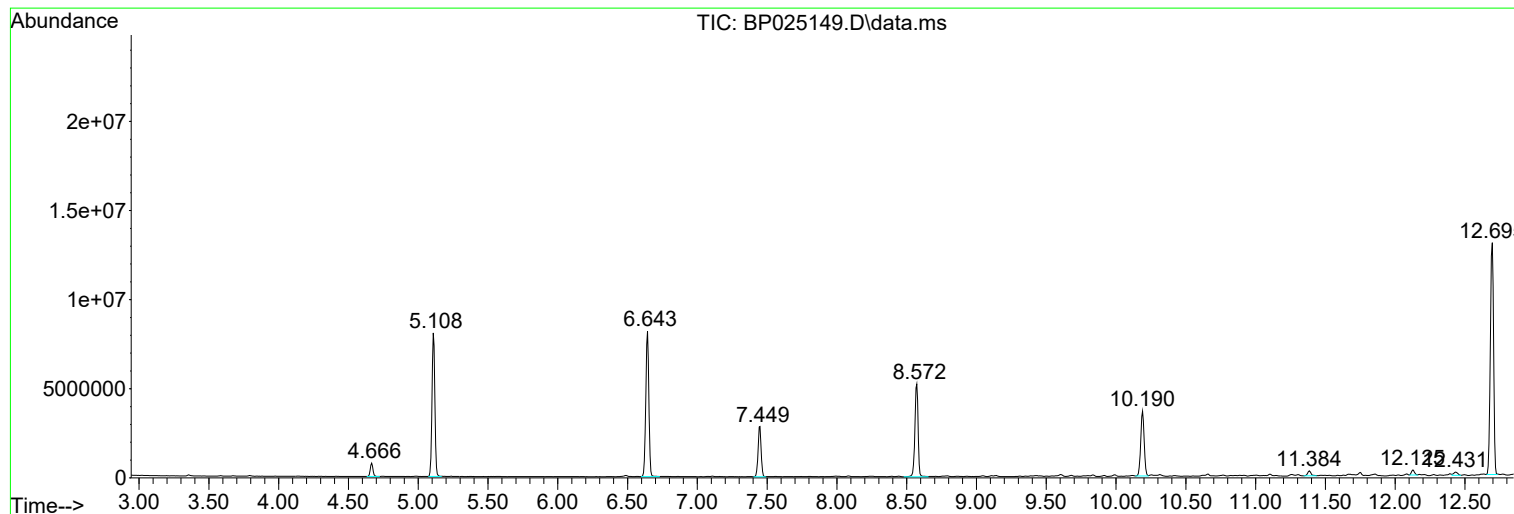
Sum of corrected areas: 180016257

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.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\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

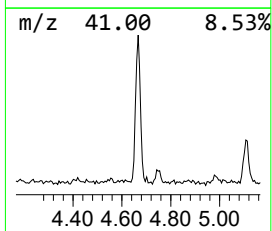
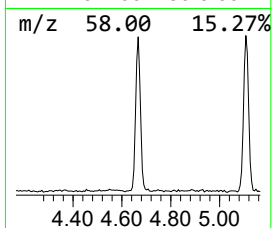
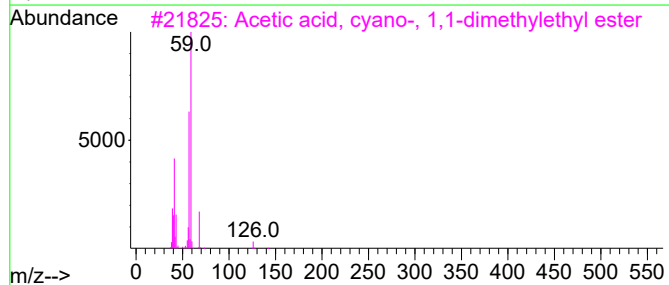
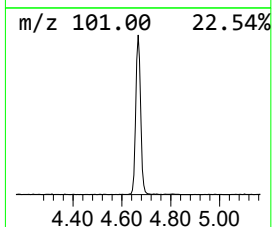
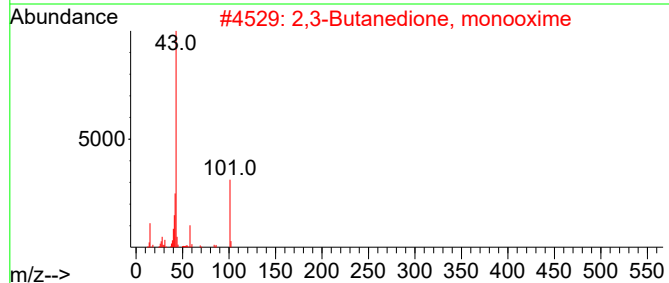
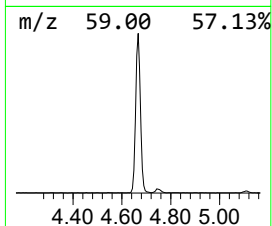
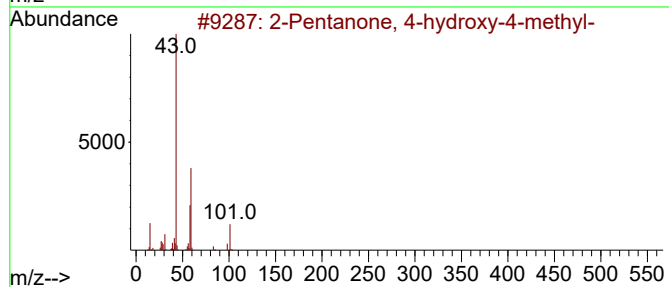
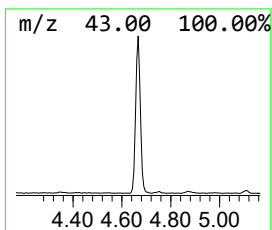
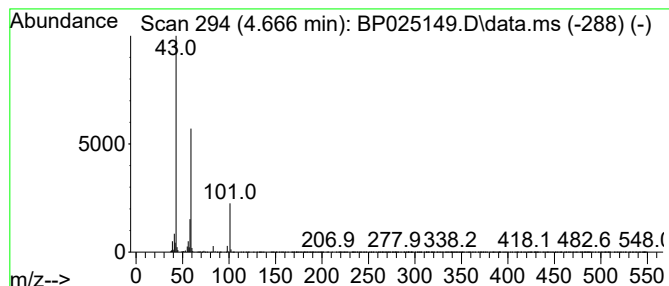
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

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

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 4.666 | 4.77 ng | 1017050 | 1,4-Dichlorobenzene-d4 | 7.449 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 72      |      |      |
| 2    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 17      |      |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 4    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 5    | Butane, 1-ethoxy-                   | 102 | C6H14O       | 000628-81-9 | 9       |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

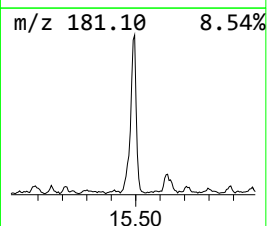
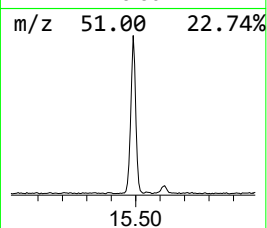
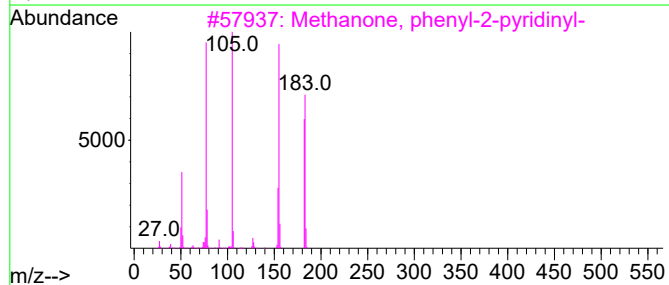
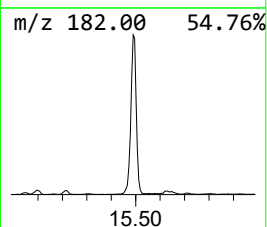
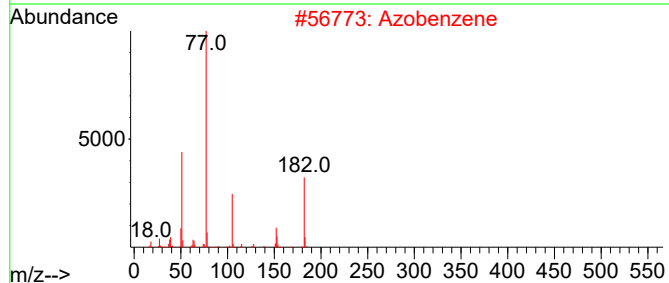
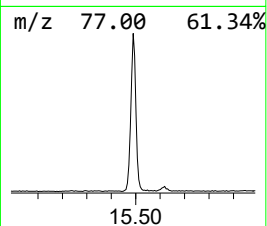
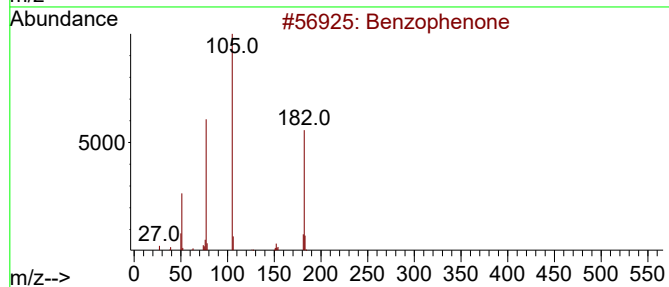
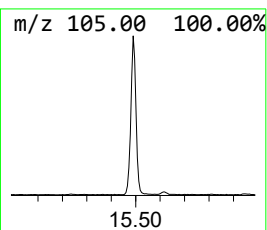
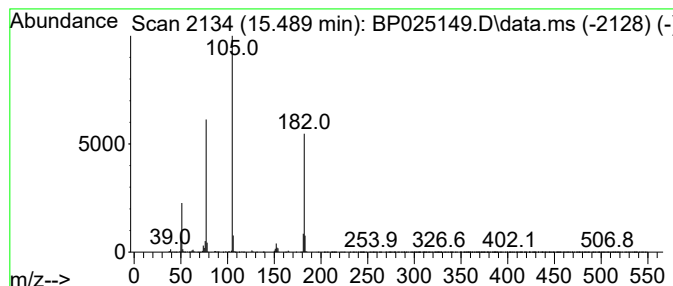
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Benzophenone Concentration Rank 5

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 15.489 | 4.05 ng | 1676740 | Acenaphthene-d10 | 14.084 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 50   |
| 3    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 50   |
| 4    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 45   |
| 5    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 33   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

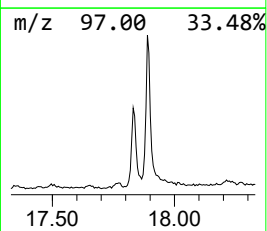
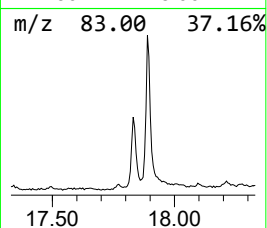
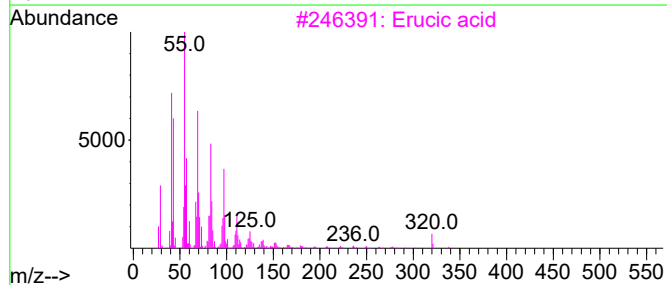
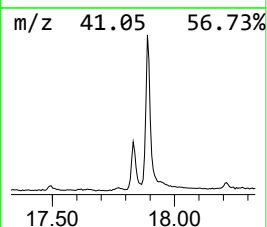
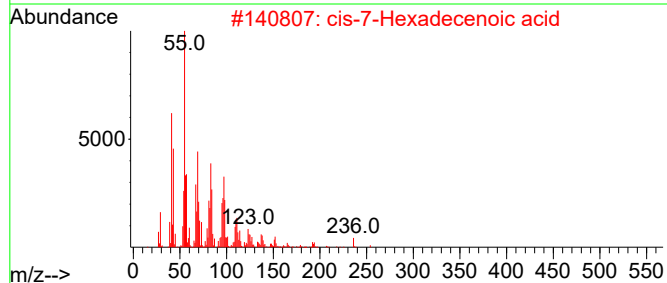
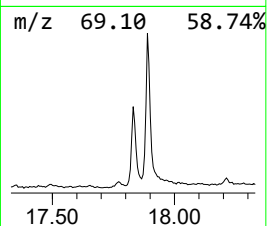
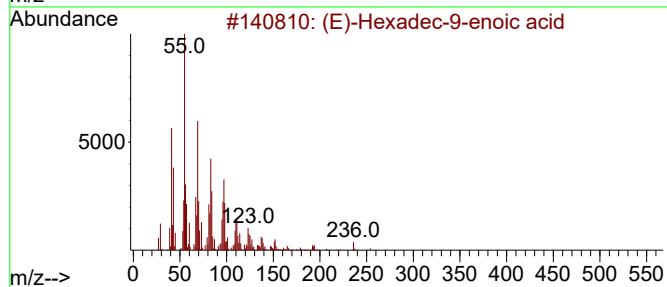
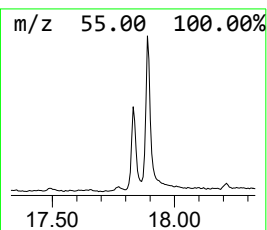
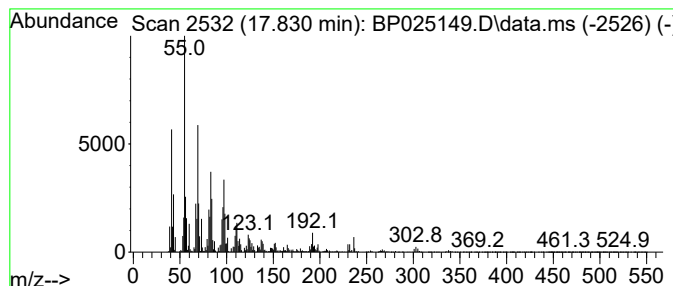
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (E)-Hexadec-9-enoic acid Concentration Rank 4

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 17.831 | 4.32 ng | 2005490 | Phenanthrene-d10 | 16.901 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | (E)-Hexadec-9-enoic acid  | 254 | C16H30O2 | 010030-73-6 | 99   |
| 2    |    |   | cis-7-Hexadecenoic acid   | 254 | C16H30O2 | 002416-19-5 | 97   |
| 3    |    |   | Erucic acid               | 338 | C22H42O2 | 000112-86-7 | 95   |
| 4    |    |   | cis-10-Heptadecenoic acid | 268 | C17H32O2 | 029743-97-3 | 94   |
| 5    |    |   | Palmitoleic acid          | 254 | C16H30O2 | 000373-49-9 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

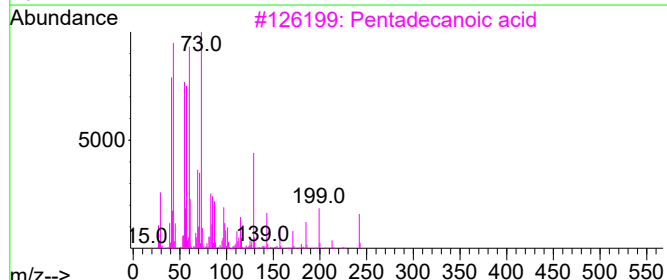
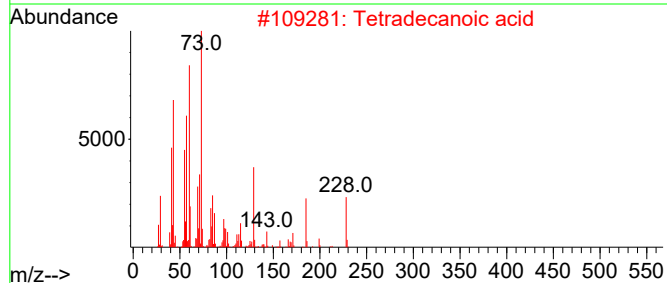
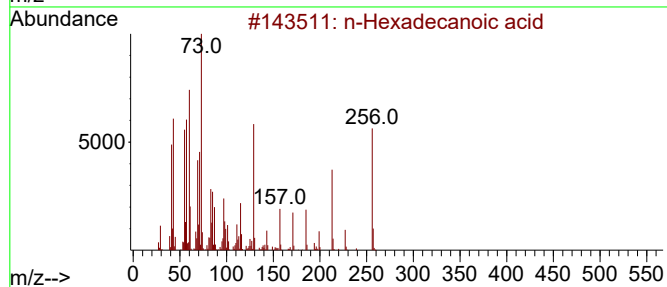
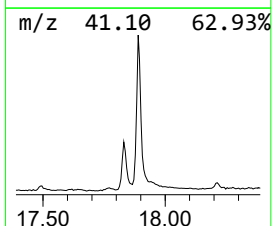
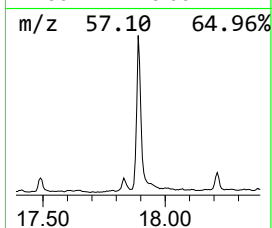
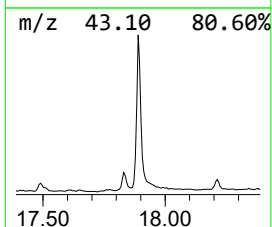
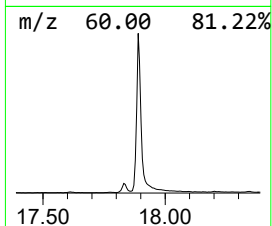
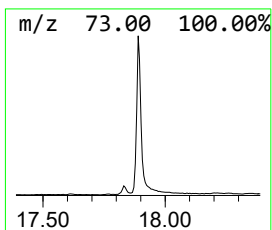
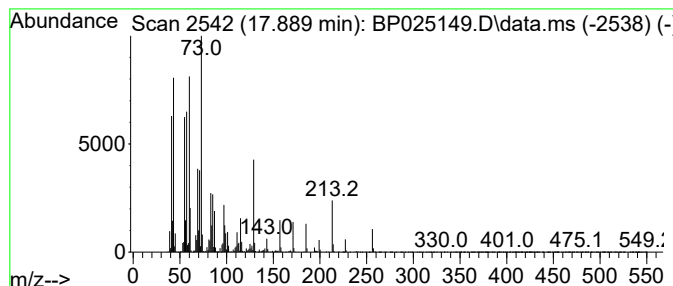
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.889 | 13.35 ng | 6199030 | Phenanthrene-d10 | 16.901 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

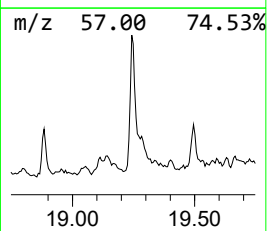
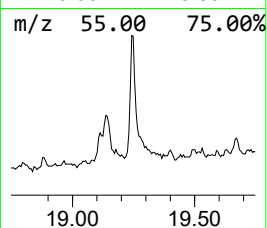
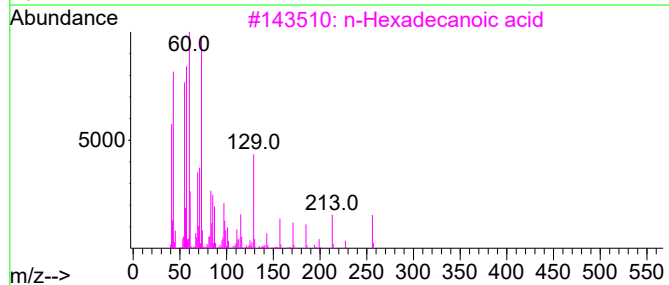
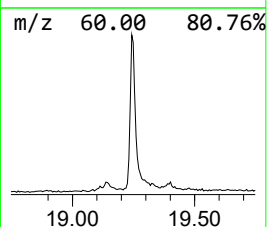
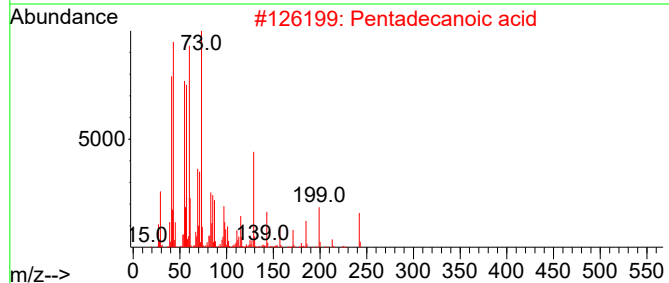
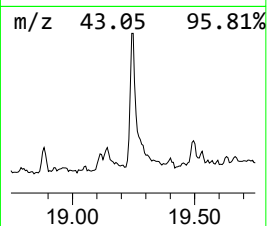
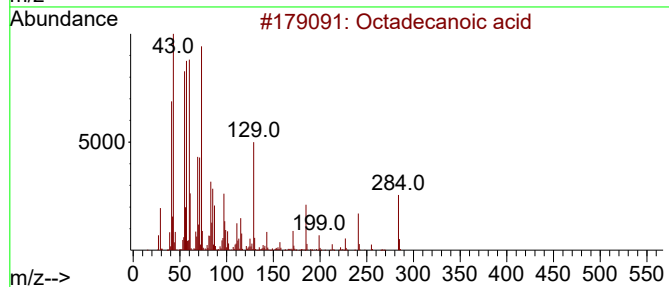
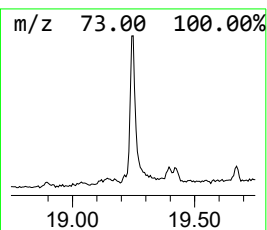
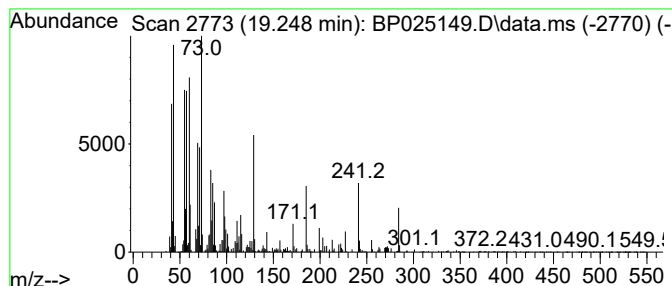
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Octadecanoic acid Concentration Rank 7

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 19.248 | 2.36 ng | 1381650 | Chrysene-d12     | 21.336 |

| 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    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 64   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 62   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

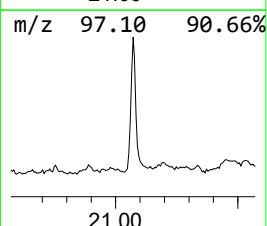
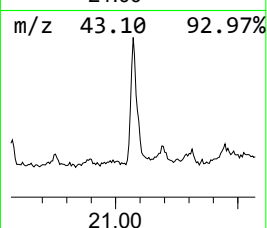
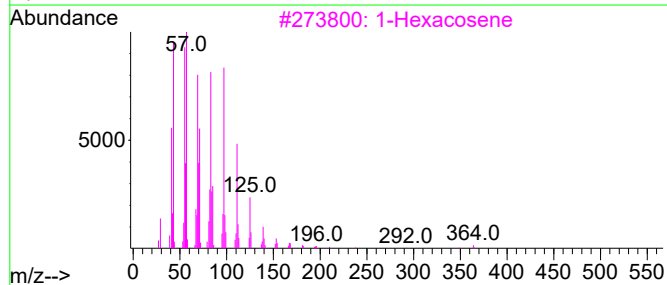
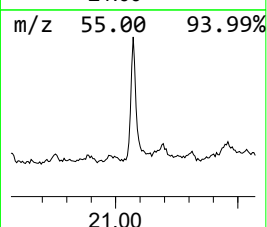
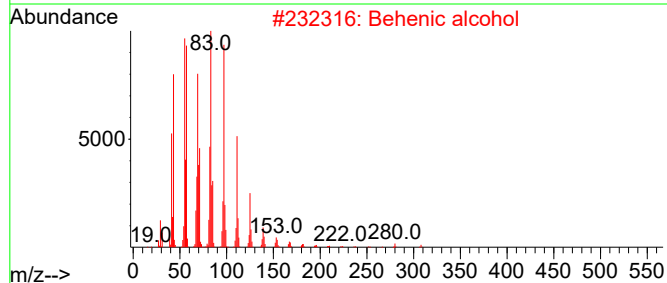
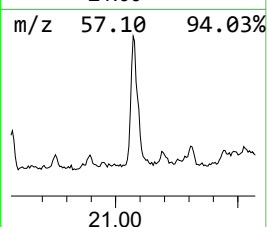
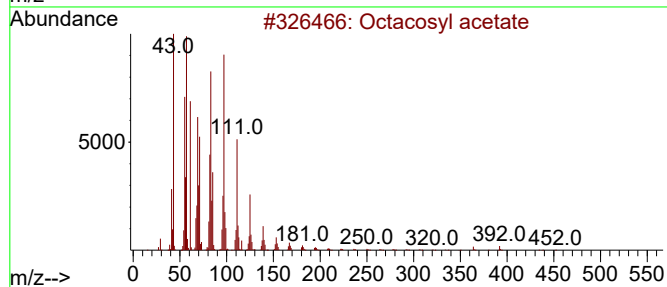
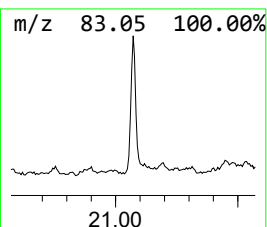
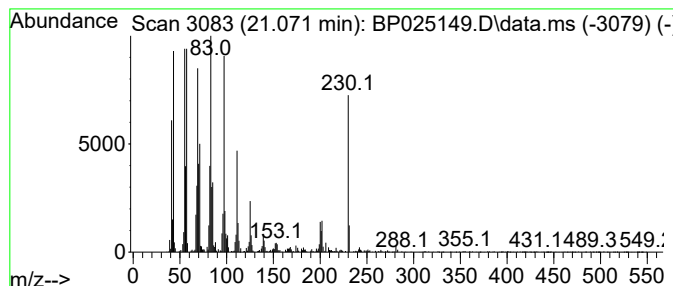
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Octacosyl acetate Concentration Rank 3

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.072 | 4.41 ng | 2576450 | Chrysene-d12     | 21.336 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------|-----|----------|-------------|------|
| 1    |    |   | Octacosyl acetate | 452 | C30H60O2 | 018206-97-8 | 96   |
| 2    |    |   | Behenic alcohol   | 326 | C22H46O  | 000661-19-8 | 93   |
| 3    |    |   | 1-Hexacosene      | 364 | C26H52   | 018835-33-1 | 93   |
| 4    |    |   | n-Tetracosanol-1  | 354 | C24H50O  | 000506-51-4 | 93   |
| 5    |    |   | n-Nonadecanol-1   | 284 | C19H40O  | 001454-84-8 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

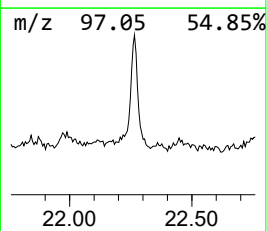
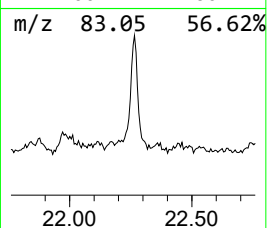
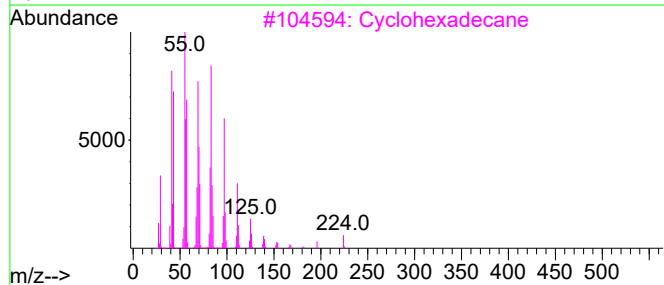
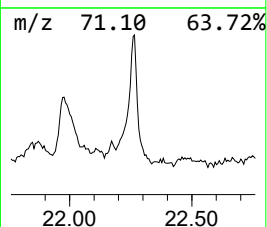
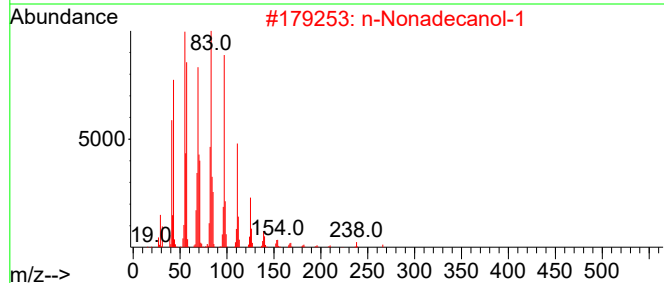
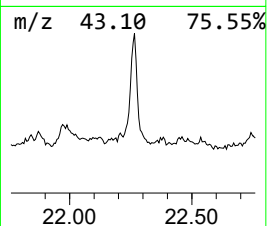
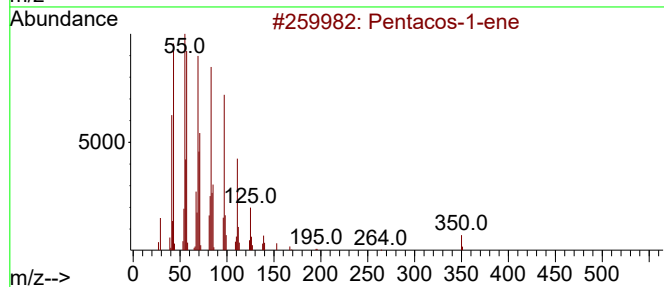
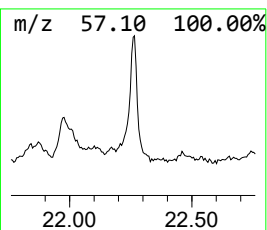
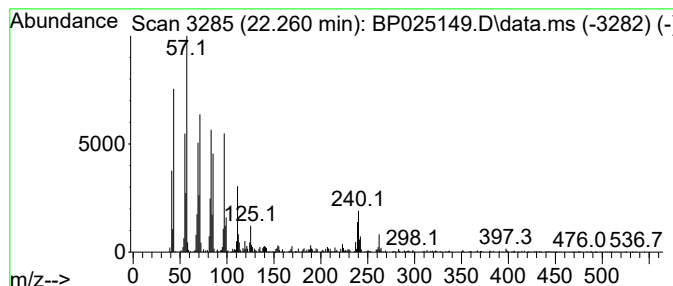
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 Pentacos-1-ene Concentration Rank 6

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 22.260 | 3.21 ng | 1873210 | Chrysene-d12     | 21.336 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentacos-1-ene                      | 350 | C25H50      | 016980-85-1  | 90   |
| 2    |    |   | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8  | 90   |
| 3    |    |   | Cyclohexadecane                     | 224 | C16H32      | 000295-65-8  | 87   |
| 4    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 86   |
| 5    |    |   | 9-Tricosene, (Z)-                   | 322 | C23H46      | 027519-02-4  | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071525\  
Data File : BP025149.D  
Acq On : 15 Jul 2025 17:21  
Operator : CG/JU  
Sample : Q2590-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NB-7-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.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 |
| 2-Pentanone, 4-... | 4.666  | 4.8     | ng    | 1017050  | 1                     | 7.449  | 4266620  | 20.0 |
| Benzophenone       | 15.489 | 4.0     | ng    | 1676740  | 3                     | 14.084 | 8286630  | 20.0 |
| (E)-Hexadec-9-e... | 17.831 | 4.3     | ng    | 2005490  | 4                     | 16.901 | 9288880  | 20.0 |
| n-Hexadecanoic ... | 17.889 | 13.4    | ng    | 6199030  | 4                     | 16.901 | 9288880  | 20.0 |
| Octadecanoic acid  | 19.248 | 2.4     | ng    | 1381650  | 5                     | 21.336 | 11686500 | 20.0 |
| Octacosyl acetate  | 21.072 | 4.4     | ng    | 2576450  | 5                     | 21.336 | 11686500 | 20.0 |
| Pentacos-1-ene     | 22.260 | 3.2     | ng    | 1873210  | 5                     | 21.336 | 11686500 | 20.0 |