

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102825\  
 Data File : BF144102.D  
 Acq On : 28 Oct 2025 15:45  
 Operator : RC/JU  
 Sample : Q3424-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-S11-010080-20251021

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\_F\Methods\8270-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144102.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.122       | 494           | 498         | 508          | rVB      | 20072          | 34366         | 1.39%           | 0.205%        |
| 2         | 5.504       | 557           | 563         | 574          | rBV      | 1460900        | 2016396       | 81.48%          | 12.050%       |
| 3         | 6.504       | 727           | 733         | 748          | rBV      | 1418491        | 2132992       | 86.19%          | 12.747%       |
| 4         | 6.875       | 791           | 796         | 802          | rVB      | 316611         | 394505        | 15.94%          | 2.358%        |
| 5         | 7.439       | 879           | 892         | 897          | rBV      | 1002584        | 1371485       | 55.42%          | 8.196%        |
| 6         | 7.692       | 930           | 935         | 942          | rBV2     | 20860          | 32522         | 1.31%           | 0.194%        |
| 7         | 8.157       | 1009          | 1014        | 1021         | rBV      | 394638         | 504575        | 20.39%          | 3.015%        |
| 8         | 8.375       | 1045          | 1051        | 1060         | rBV2     | 23101          | 48312         | 1.95%           | 0.289%        |
| 9         | 9.175       | 1180          | 1187        | 1191         | rBV      | 16244          | 26196         | 1.06%           | 0.157%        |
| 10        | 9.233       | 1191          | 1197        | 1202         | rBV      | 1909046        | 2474812       | 100.00%         | 14.789%       |
| 11        | 9.628       | 1259          | 1264        | 1268         | rBV3     | 27158          | 39612         | 1.60%           | 0.237%        |
| 12        | 9.916       | 1307          | 1313        | 1318         | rBV      | 477694         | 600437        | 24.26%          | 3.588%        |
| 13        | 10.563      | 1419          | 1423        | 1429         | rBV2     | 18757          | 29959         | 1.21%           | 0.179%        |
| 14        | 10.633      | 1430          | 1435        | 1440         | rBV      | 317751         | 415618        | 16.79%          | 2.484%        |
| 15        | 10.710      | 1442          | 1448        | 1459         | rVV      | 1410026        | 1896996       | 76.65%          | 11.336%       |
| 16        | 10.827      | 1463          | 1468        | 1475         | rVB2     | 45040          | 71753         | 2.90%           | 0.429%        |
| 17        | 10.939      | 1483          | 1487        | 1491         | rBV      | 57700          | 74424         | 3.01%           | 0.445%        |
| 18        | 11.292      | 1543          | 1547        | 1553         | rVB3     | 25773          | 38685         | 1.56%           | 0.231%        |
| 19        | 11.404      | 1561          | 1566        | 1574         | rBV      | 489659         | 656135        | 26.51%          | 3.921%        |
| 20        | 11.927      | 1650          | 1655        | 1666         | rBV      | 226793         | 373323        | 15.08%          | 2.231%        |
| 21        | 12.621      | 1770          | 1773        | 1777         | rBV      | 24399          | 31051         | 1.25%           | 0.186%        |
| 22        | 12.716      | 1785          | 1789        | 1801         | rBV5     | 29874          | 53528         | 2.16%           | 0.320%        |
| 23        | 12.851      | 1809          | 1812        | 1825         | rVB3     | 22258          | 46012         | 1.86%           | 0.275%        |
| 24        | 12.992      | 1830          | 1836        | 1843         | rBV      | 1712228        | 2307334       | 93.23%          | 13.788%       |
| 25        | 13.921      | 1985          | 1994        | 2005         | rBV6     | 37436          | 125046        | 5.05%           | 0.747%        |
| 26        | 14.051      | 2008          | 2016        | 2028         | rVB      | 302352         | 467241        | 18.88%          | 2.792%        |
| 27        | 14.204      | 2039          | 2042        | 2049         | rBV      | 16868          | 28138         | 1.14%           | 0.168%        |
| 28        | 15.533      | 2262          | 2268        | 2277         | rVB      | 269387         | 442455        | 17.88%          | 2.644%        |

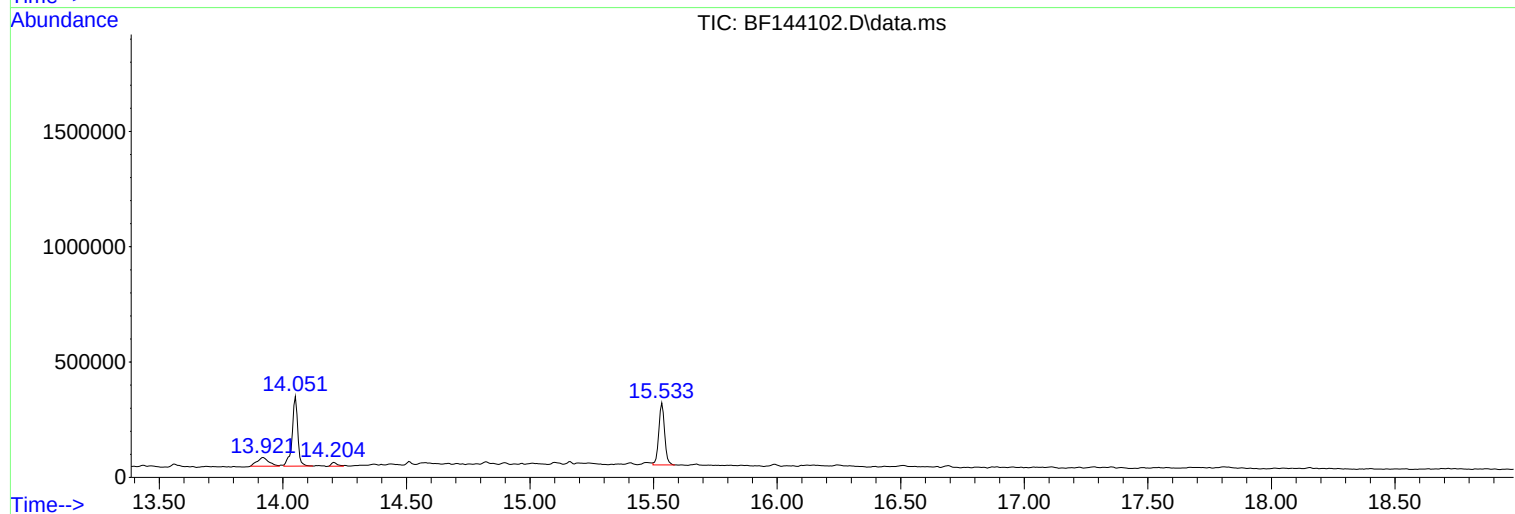
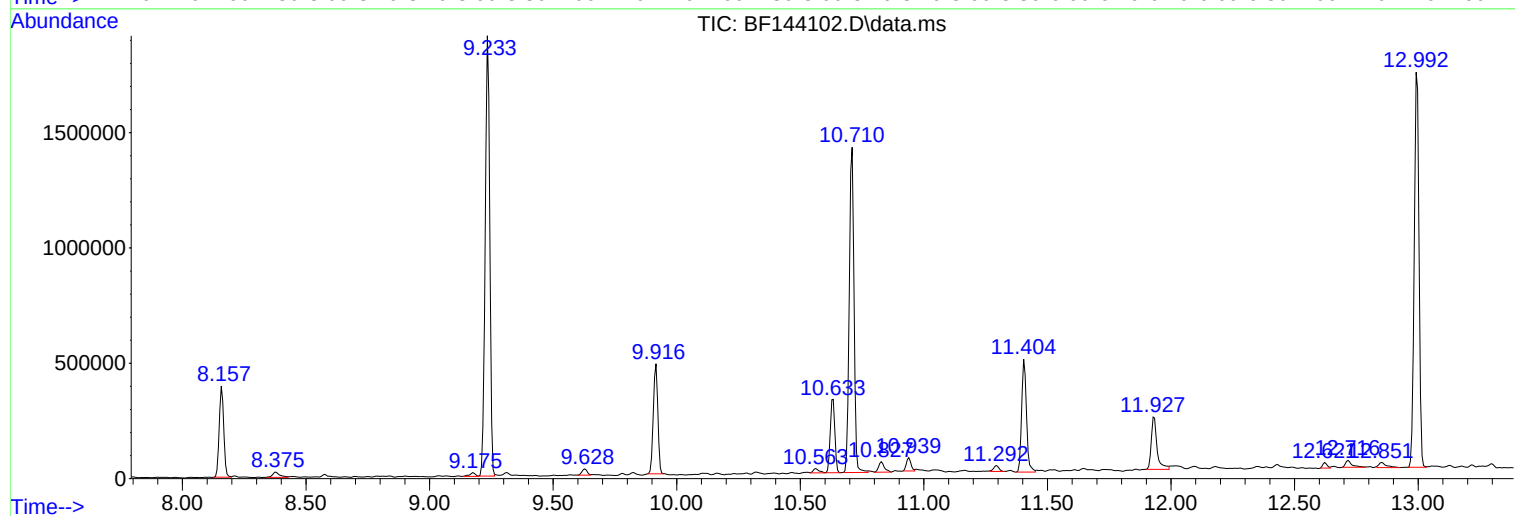
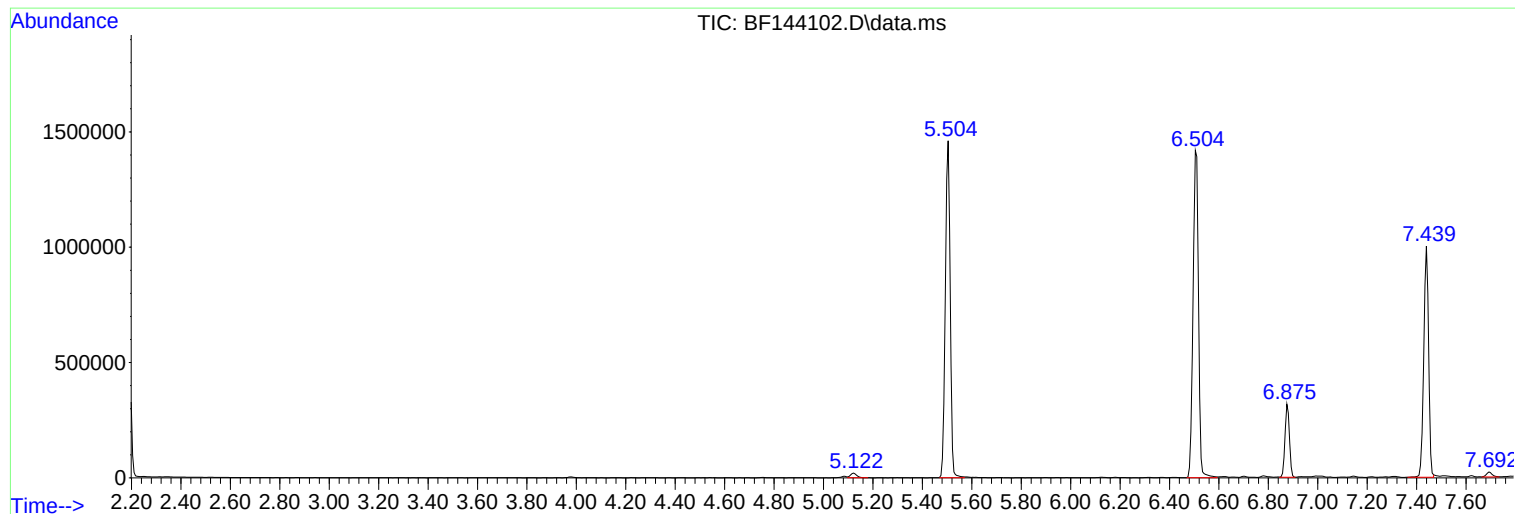
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S11-010080-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.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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PR132-S11-010080-20251021

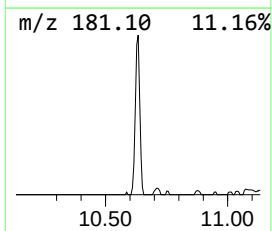
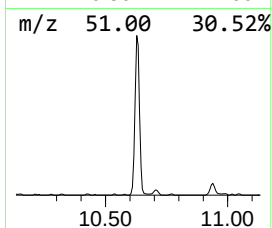
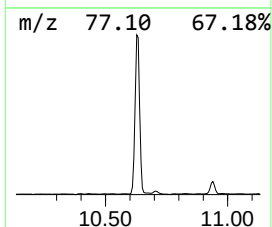
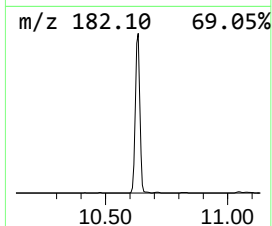
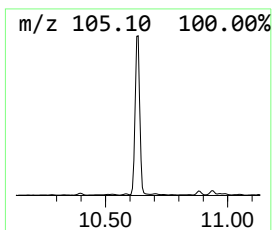
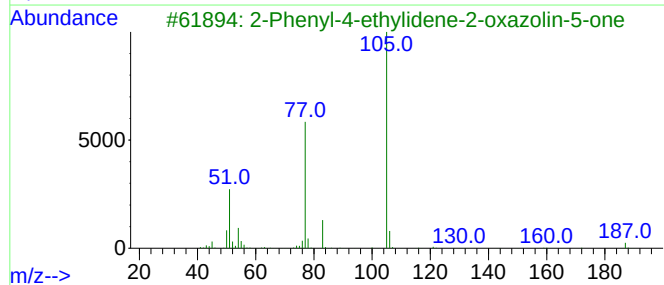
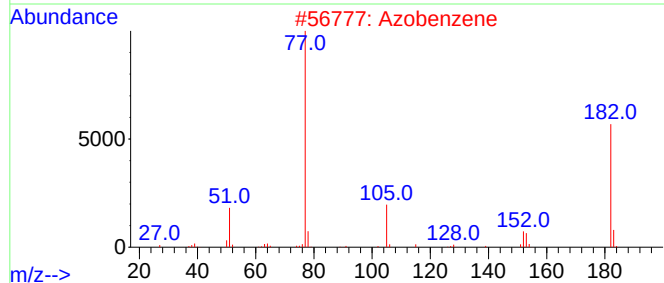
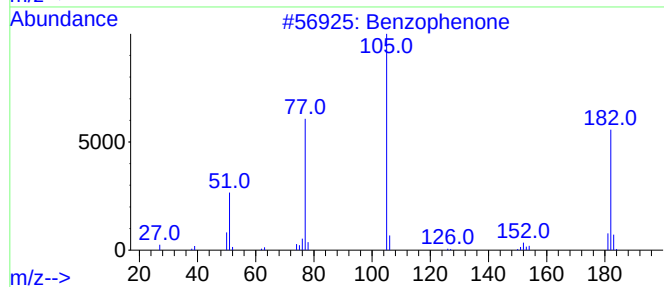
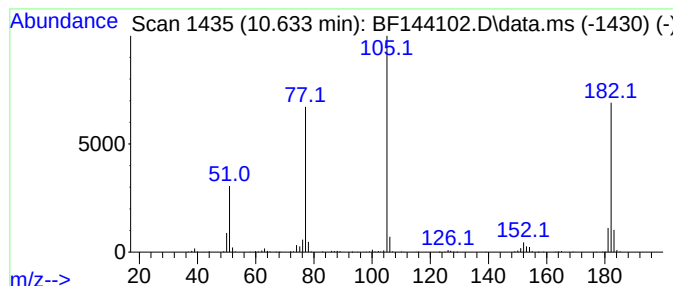
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.633 | 13.84 ng | 415618 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9  | 96   |
| 2    |    |   | Azobenzene                          | 182 | C12H10N2  | 000103-33-3  | 68   |
| 3    |    |   | 2-Phenyl-4-ethylidene-2-oxazolin... | 187 | C11H9NO2  | 037791-41-6  | 43   |
| 4    |    |   | Benzeneacetic acid, .alpha.-oxo-... | 164 | C9H8O3    | 015206-55-0  | 43   |
| 5    |    |   | Benzoic acid, pentafluorophenyl ... | 288 | C13H5F5O2 | 1000360-67-9 | 43   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

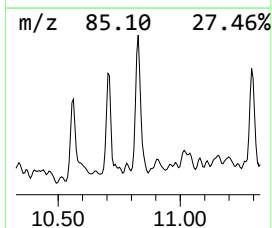
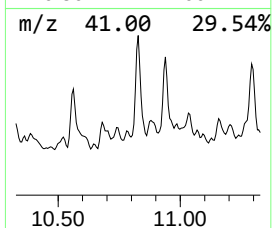
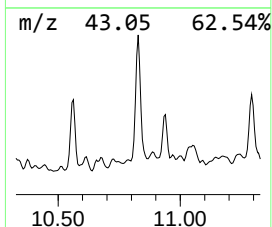
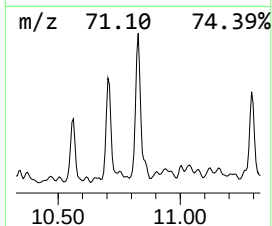
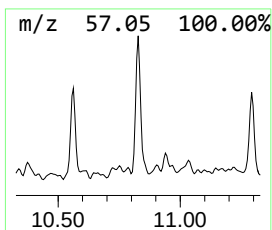
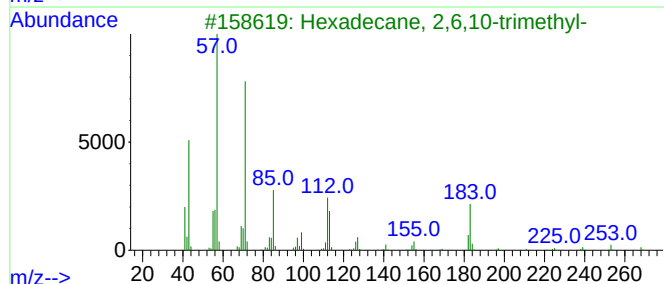
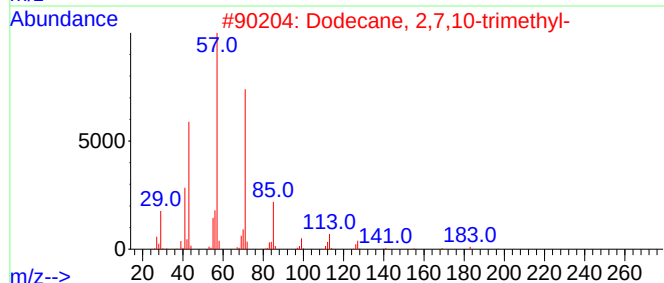
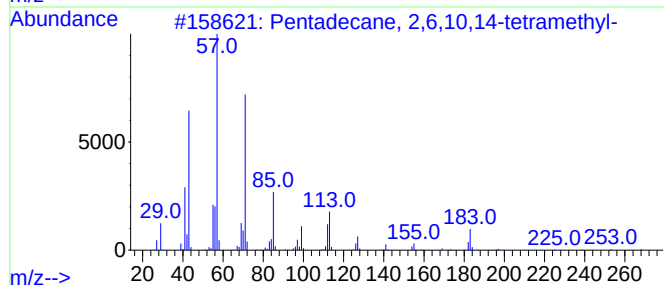
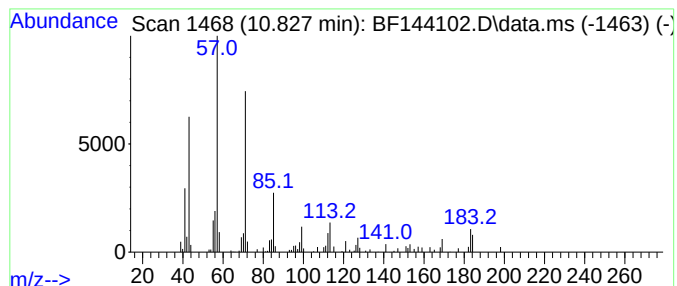
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 10.827 | 2.19 ng | 71753 | Phenanthrene-d10 | 11.404 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 86   |
| 2    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 72   |
| 3    |    |   | Hexadecane, 2,6,10-trimethyl-       | 268 | C19H40  | 055000-52-7 | 72   |
| 4    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 72   |
| 5    |    |   | Nonane, 2-methyl-5-propyl-          | 184 | C13H28  | 031081-17-1 | 59   |



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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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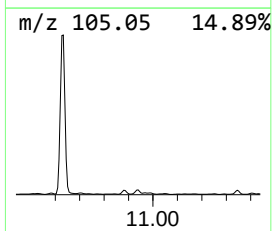
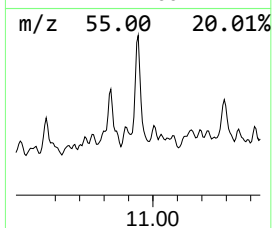
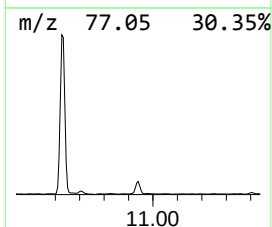
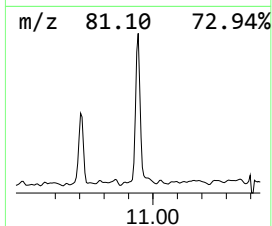
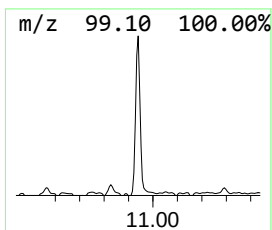
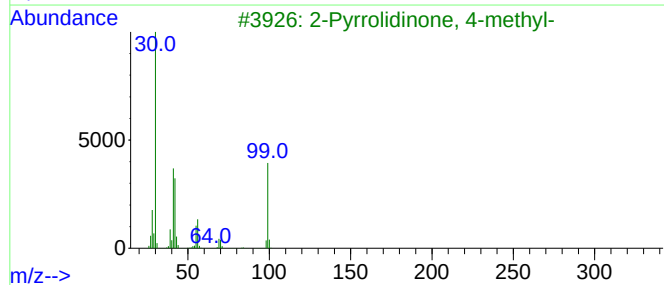
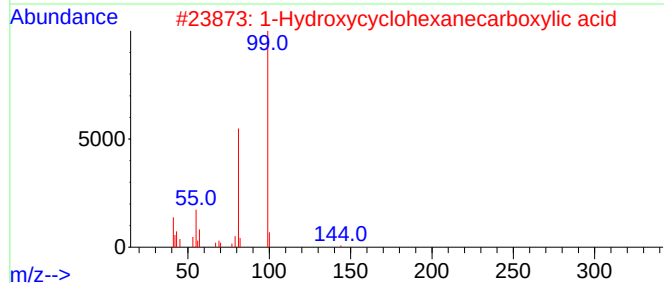
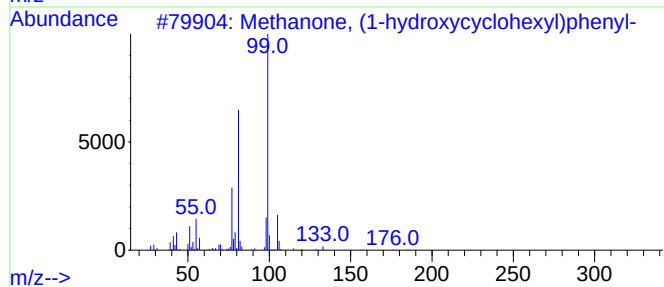
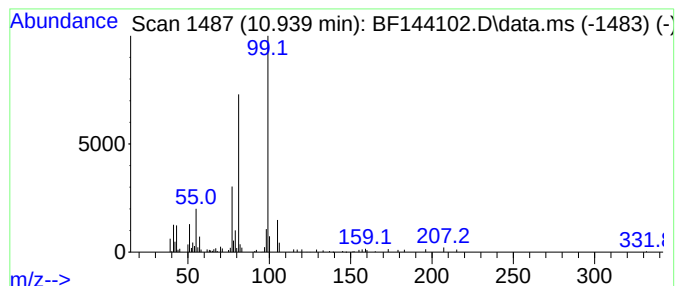
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Methanone, (1-hydroxycyclohexyl) Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 10.939 | 2.27 ng | 74424 | Phenanthrene-d10 | 11.404 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Methanone, (1-hydroxycyclohexyl)... | 204 | C13H16O2   | 000947-19-3  | 90   |
| 2    |    |   | 1-Hydroxycyclohexanecarboxylic acid | 144 | C7H12O3    | 001123-28-0  | 47   |
| 3    |    |   | 2-Pyrrolidinone, 4-methyl-          | 99  | C5H9NO     | 1000197-00-3 | 43   |
| 4    |    |   | 3-Ureidopropionic acid, N-dimeth... | 243 | C11H21N3O3 | 1000375-52-0 | 37   |
| 5    |    |   | 1,1'-Bicyclohexyl-1,1'-diol         | 198 | C12H22O2   | 002888-11-1  | 37   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

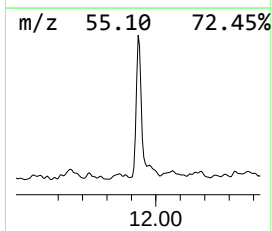
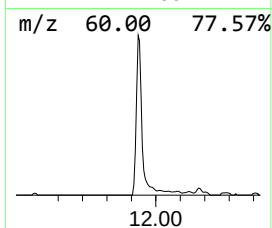
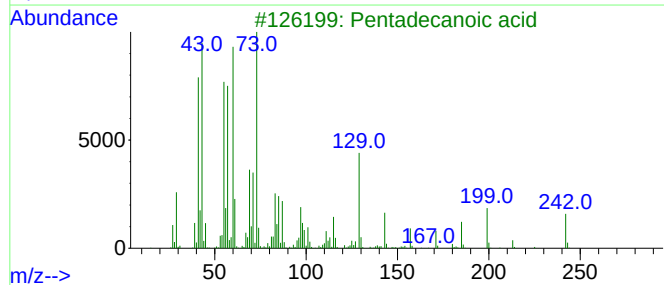
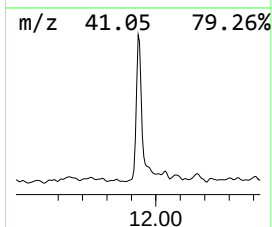
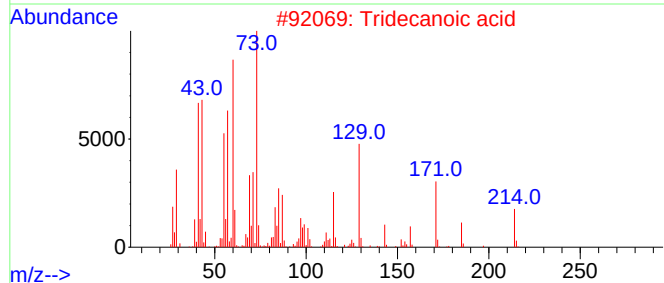
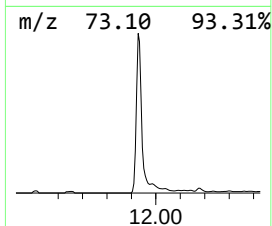
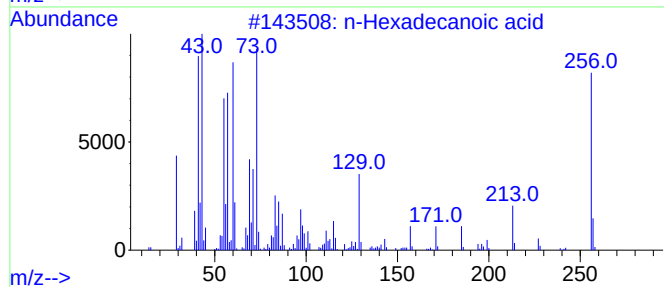
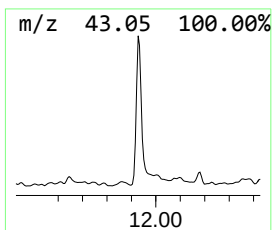
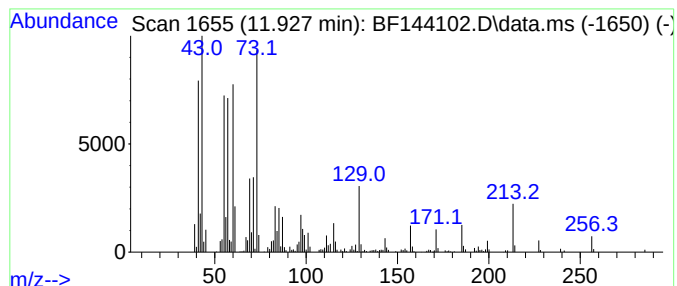
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.927 | 11.38 ng | 373323 | Phenanthrene-d10 | 11.404 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 81   |
| 5    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 80   |



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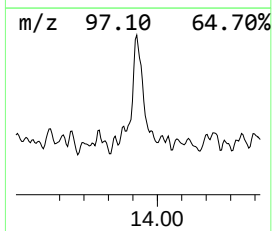
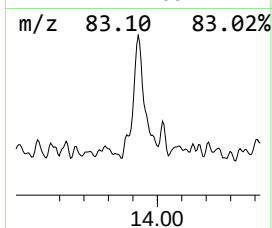
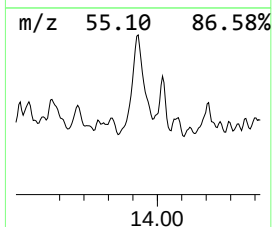
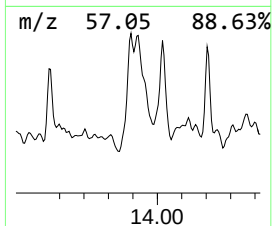
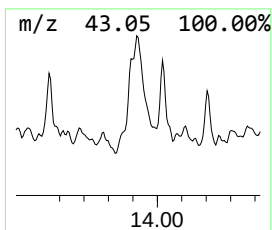
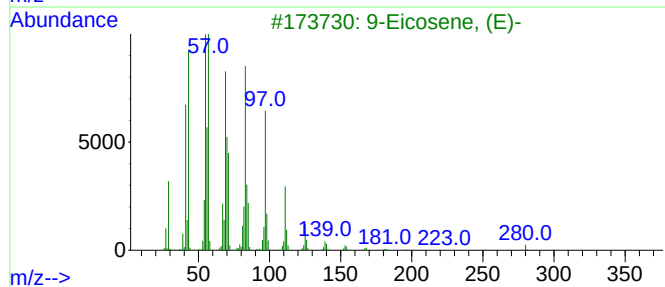
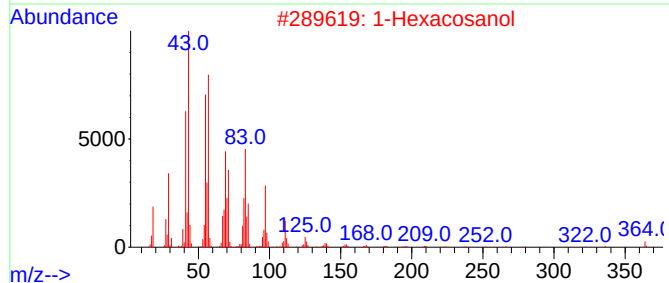
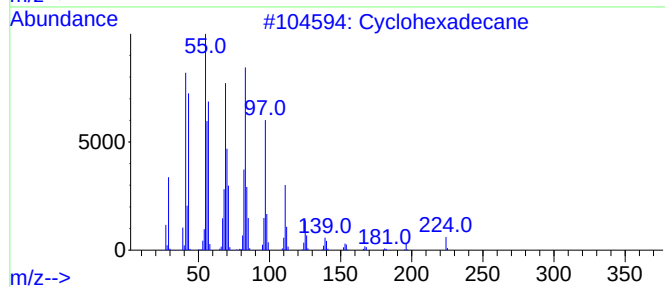
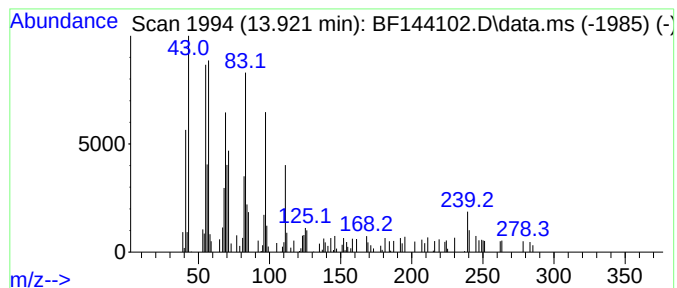
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Cyclohexadecane Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.921 | 5.35 ng | 125046 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm    | CAS#        | Qual |
|------|----|---|------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Cyclohexadecane                    | 224 | C16H32     | 000295-65-8 | 90   |
| 2    |    |   | 1-Hexacosanol                      | 382 | C26H54O    | 000506-52-5 | 83   |
| 3    |    |   | 9-Eicosene, (E)-                   | 280 | C20H40     | 074685-29-3 | 83   |
| 4    |    |   | Bromoacetic acid, pentadecyl ester | 348 | C17H33BrO2 | 131143-01-6 | 81   |
| 5    |    |   | 1-Octadecanol                      | 270 | C18H38O    | 000112-92-5 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102825\  
Data File : BF144102.D  
Acq On : 28 Oct 2025 15:45  
Operator : RC/JU  
Sample : Q3424-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S11-010080-20251021

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.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       | 10.633 | 13.8    | ng    | 415618   | 3                     | 9.916  | 600437 | 20.0 |
| Pentadecane, 2,... | 10.827 | 2.2     | ng    | 71753    | 4                     | 11.404 | 656135 | 20.0 |
| Methanone, (1-h... | 10.939 | 2.3     | ng    | 74424    | 4                     | 11.404 | 656135 | 20.0 |
| n-Hexadecanoic ... | 11.927 | 11.4    | ng    | 373323   | 4                     | 11.404 | 656135 | 20.0 |
| Cyclohexadecane    | 13.921 | 5.3     | ng    | 125046   | 5                     | 14.051 | 467241 | 20.0 |