

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
 Data File : BF143903.D  
 Acq On : 08 Oct 2025 19:04  
 Operator : RC/JU  
 Sample : Q3305-01 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-06-100725

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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143903.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         | 3.940       | 292           | 297         | 303          | rBV      | 8088           | 14472         | 1.05%           | 0.072%        |
| 2         | 5.487       | 554           | 560         | 570          | rBV      | 392396         | 522501        | 37.85%          | 2.612%        |
| 3         | 6.493       | 726           | 731         | 741          | rBV      | 411005         | 532491        | 38.57%          | 2.662%        |
| 4         | 6.881       | 792           | 797         | 804          | rVB      | 572044         | 697576        | 50.53%          | 3.487%        |
| 5         | 7.275       | 859           | 864         | 867          | rBV3     | 16332          | 23345         | 1.69%           | 0.117%        |
| 6         | 7.434       | 882           | 891         | 896          | rBV      | 223561         | 343337        | 24.87%          | 1.716%        |
| 7         | 7.475       | 896           | 898         | 902          | rVB      | 28287          | 30020         | 2.17%           | 0.150%        |
| 8         | 7.528       | 902           | 907         | 910          | rVB4     | 25895          | 37624         | 2.73%           | 0.188%        |
| 9         | 7.569       | 910           | 914         | 916          | rBV4     | 15467          | 21780         | 1.58%           | 0.109%        |
| 10        | 7.687       | 930           | 934         | 943          | rVB3     | 43134          | 73381         | 5.32%           | 0.367%        |
| 11        | 7.781       | 943           | 950         | 951          | rBV3     | 27435          | 51335         | 3.72%           | 0.257%        |
| 12        | 7.810       | 951           | 955         | 958          | rVB3     | 29378          | 36700         | 2.66%           | 0.183%        |
| 13        | 7.845       | 958           | 961         | 964          | rVB4     | 17612          | 19637         | 1.42%           | 0.098%        |
| 14        | 7.881       | 964           | 967         | 968          | rBV3     | 26596          | 28103         | 2.04%           | 0.140%        |
| 15        | 7.904       | 969           | 971         | 977          | rVB5     | 26353          | 42020         | 3.04%           | 0.210%        |
| 16        | 8.034       | 990           | 993         | 996          | rBV3     | 22167          | 25670         | 1.86%           | 0.128%        |
| 17        | 8.069       | 996           | 999         | 1002         | rVV      | 24791          | 28688         | 2.08%           | 0.143%        |
| 18        | 8.163       | 1002          | 1015        | 1021         | rVV      | 748987         | 1282867       | 92.93%          | 6.413%        |
| 19        | 8.222       | 1021          | 1025        | 1028         | rVV2     | 109519         | 171233        | 12.40%          | 0.856%        |
| 20        | 8.251       | 1028          | 1030        | 1037         | rVB5     | 44851          | 72613         | 5.26%           | 0.363%        |
| 21        | 8.363       | 1046          | 1049        | 1053         | rVB2     | 59645          | 70207         | 5.09%           | 0.351%        |
| 22        | 8.457       | 1060          | 1065        | 1070         | rBV6     | 94865          | 151583        | 10.98%          | 0.758%        |
| 23        | 8.510       | 1071          | 1074        | 1077         | rBV3     | 37788          | 39228         | 2.84%           | 0.196%        |
| 24        | 8.545       | 1077          | 1080        | 1083         | rVB3     | 64262          | 72196         | 5.23%           | 0.361%        |
| 25        | 8.581       | 1083          | 1086        | 1092         | rBV      | 128856         | 205582        | 14.89%          | 1.028%        |
| 26        | 8.669       | 1097          | 1101        | 1104         | rBV2     | 126877         | 161486        | 11.70%          | 0.807%        |
| 27        | 8.751       | 1111          | 1115        | 1119         | rBV      | 284755         | 356915        | 25.85%          | 1.784%        |
| 28        | 8.916       | 1140          | 1143        | 1145         | rBV3     | 35997          | 44731         | 3.24%           | 0.224%        |
| 29        | 8.945       | 1145          | 1148        | 1149         | rBV2     | 30038          | 33656         | 2.44%           | 0.168%        |
| 30        | 8.986       | 1151          | 1155        | 1158         | rVV      | 141901         | 179028        | 12.97%          | 0.895%        |
| 31        | 9.116       | 1173          | 1177        | 1182         | rVB4     | 94533          | 153045        | 11.09%          | 0.765%        |
| 32        | 9.157       | 1182          | 1184        | 1185         | rBV      | 47312          | 41600         | 3.01%           | 0.208%        |
| 33        | 9.181       | 1185          | 1188        | 1194         | rVV2     | 201316         | 298842        | 21.65%          | 1.494%        |
| 34        | 9.239       | 1194          | 1198        | 1202         | rVB      | 447488         | 542482        | 39.30%          | 2.712%        |
| 35        | 9.322       | 1207          | 1212        | 1216         | rBV      | 505431         | 697253        | 50.51%          | 3.486%        |
| 36        | 9.392       | 1221          | 1224        | 1227         | rVB      | 98720          | 119051        | 8.62%           | 0.595%        |

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-06-100725

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-BF100625.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 37 | 9.575  | 1249 | 1255 | 1257 | rBV4 | 104448 | 220857  | 16.00%  | 1.104% |
| 38 | 9.639  | 1262 | 1266 | 1269 | rVV3 | 369744 | 580601  | 42.06%  | 2.903% |
| 39 | 9.698  | 1273 | 1276 | 1280 | rVB2 | 135991 | 168860  | 12.23%  | 0.844% |
| 40 | 9.851  | 1298 | 1302 | 1306 | rVB  | 593017 | 731799  | 53.01%  | 3.658% |
| 41 | 9.922  | 1310 | 1314 | 1318 | rVB  | 708785 | 895908  | 64.90%  | 4.479% |
| 42 | 10.028 | 1329 | 1332 | 1336 | rVB2 | 65639  | 79122   | 5.73%   | 0.396% |
| 43 | 10.086 | 1337 | 1342 | 1343 | rBV  | 109459 | 159501  | 11.55%  | 0.797% |
| 44 | 10.175 | 1353 | 1357 | 1361 | rBV3 | 147127 | 207377  | 15.02%  | 1.037% |
| 45 | 10.245 | 1366 | 1369 | 1374 | rBV6 | 48121  | 95329   | 6.91%   | 0.477% |
| 46 | 10.351 | 1382 | 1387 | 1391 | rBV  | 696918 | 892793  | 64.67%  | 4.463% |
| 47 | 10.569 | 1419 | 1424 | 1430 | rBV  | 337429 | 551053  | 39.92%  | 2.755% |
| 48 | 10.628 | 1431 | 1434 | 1437 | rVV2 | 67935  | 81324   | 5.89%   | 0.407% |
| 49 | 10.704 | 1442 | 1447 | 1452 | rVB2 | 170073 | 283598  | 20.54%  | 1.418% |
| 50 | 10.828 | 1463 | 1468 | 1477 | rVB  | 808433 | 1380483 | 100.00% | 6.901% |
| 51 | 11.022 | 1497 | 1501 | 1503 | rBV  | 73706  | 112947  | 8.18%   | 0.565% |
| 52 | 11.275 | 1540 | 1544 | 1547 | rBV  | 586035 | 751591  | 54.44%  | 3.757% |
| 53 | 11.304 | 1547 | 1549 | 1555 | rVB  | 270785 | 341766  | 24.76%  | 1.709% |
| 54 | 11.410 | 1563 | 1567 | 1572 | rBV  | 632046 | 810007  | 58.68%  | 4.049% |
| 55 | 11.657 | 1606 | 1609 | 1612 | rVB2 | 53135  | 63197   | 4.58%   | 0.316% |
| 56 | 11.704 | 1612 | 1617 | 1621 | rVB  | 467217 | 569061  | 41.22%  | 2.845% |
| 57 | 12.110 | 1682 | 1686 | 1691 | rVB  | 361389 | 432960  | 31.36%  | 2.164% |
| 58 | 12.392 | 1731 | 1734 | 1742 | rVB  | 49538  | 76488   | 5.54%   | 0.382% |
| 59 | 12.498 | 1748 | 1752 | 1757 | rVB  | 265085 | 332316  | 24.07%  | 1.661% |
| 60 | 12.874 | 1812 | 1816 | 1820 | rVB2 | 189879 | 244351  | 17.70%  | 1.222% |
| 61 | 12.998 | 1832 | 1837 | 1846 | rVB  | 410929 | 546444  | 39.58%  | 2.732% |
| 62 | 13.233 | 1872 | 1877 | 1883 | rBV  | 123341 | 169379  | 12.27%  | 0.847% |
| 63 | 13.574 | 1931 | 1935 | 1942 | rBV  | 77495  | 101836  | 7.38%   | 0.509% |
| 64 | 13.904 | 1987 | 1991 | 1999 | rVB  | 54147  | 81050   | 5.87%   | 0.405% |
| 65 | 14.057 | 2012 | 2017 | 2025 | rVB  | 610049 | 807528  | 58.50%  | 4.037% |
| 66 | 14.221 | 2042 | 2045 | 2052 | rVB  | 42720  | 56998   | 4.13%   | 0.285% |
| 67 | 15.180 | 2205 | 2208 | 2219 | rVB  | 69407  | 110417  | 8.00%   | 0.552% |
| 68 | 15.539 | 2264 | 2269 | 2280 | rVB  | 420292 | 751749  | 54.46%  | 3.758% |
| 69 | 16.015 | 2347 | 2350 | 2356 | rVB  | 58762  | 92202   | 6.68%   | 0.461% |

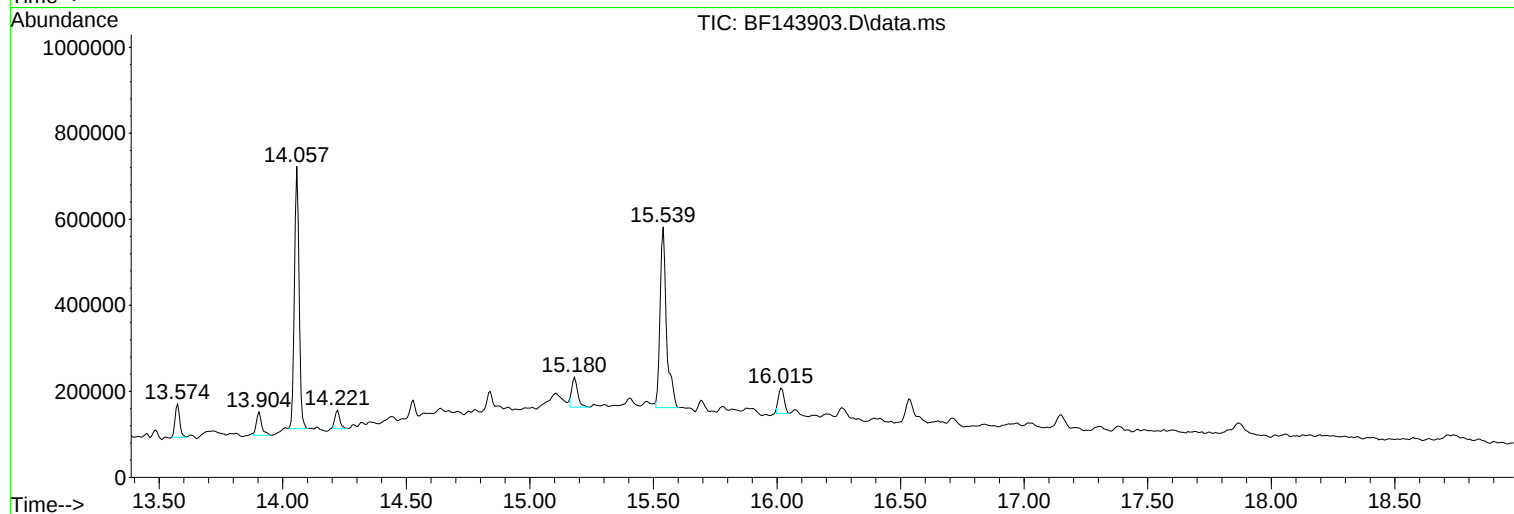
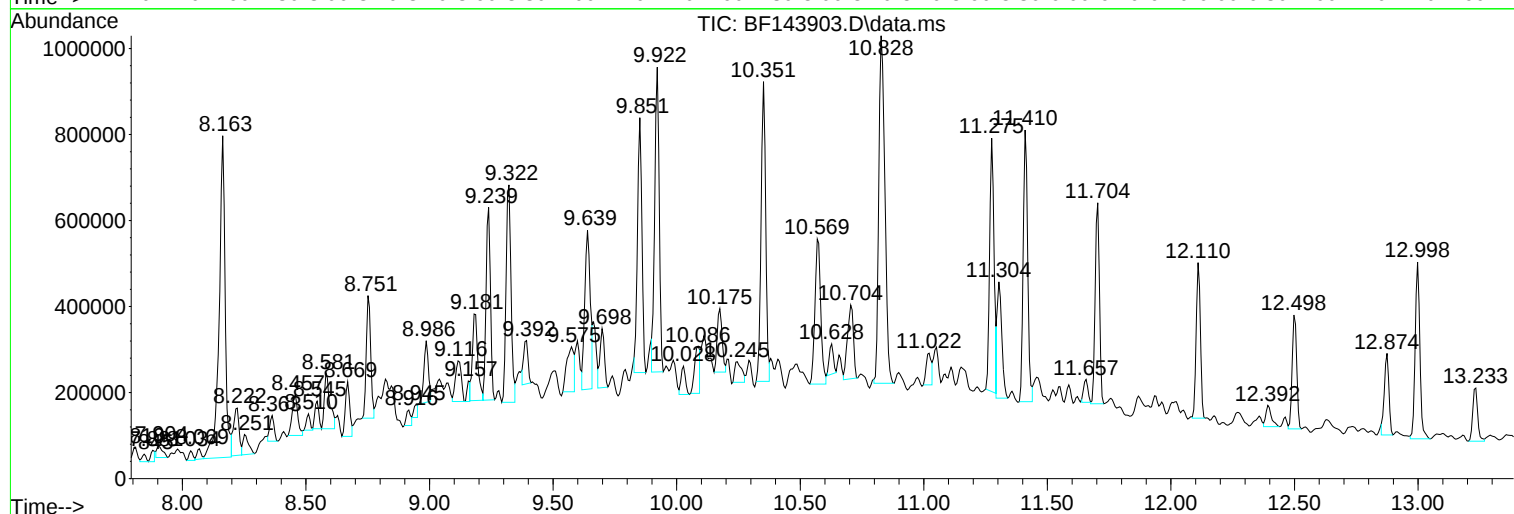
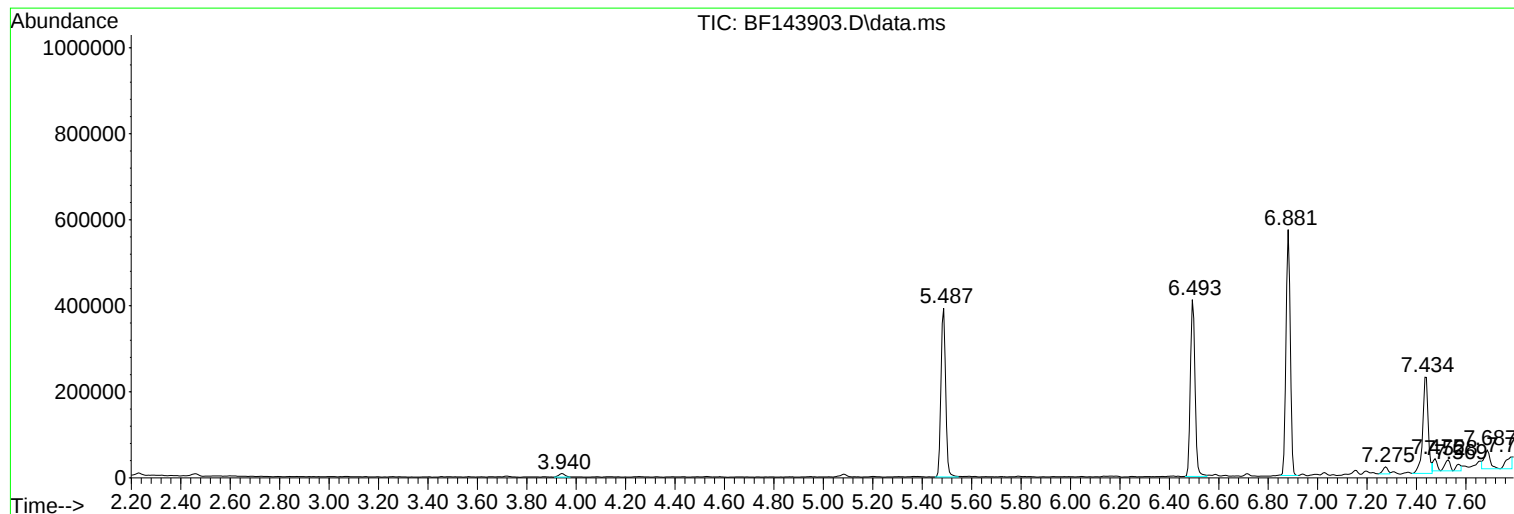
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.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\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

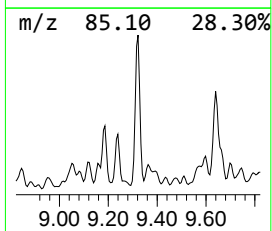
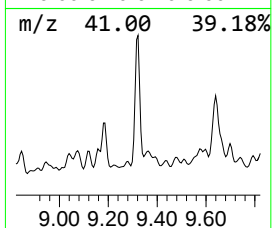
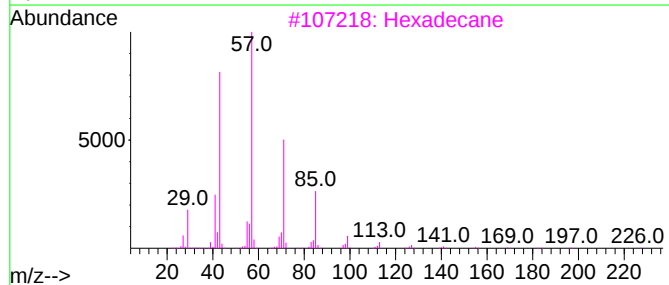
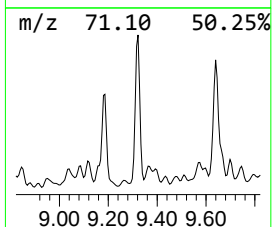
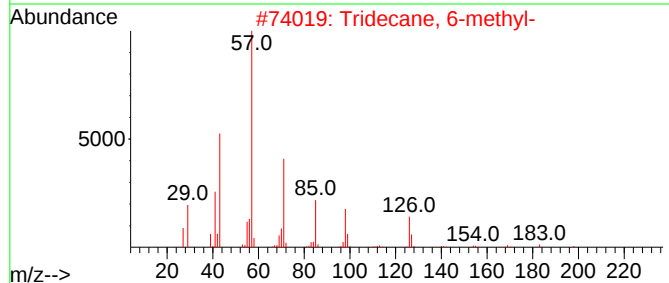
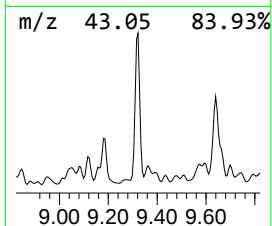
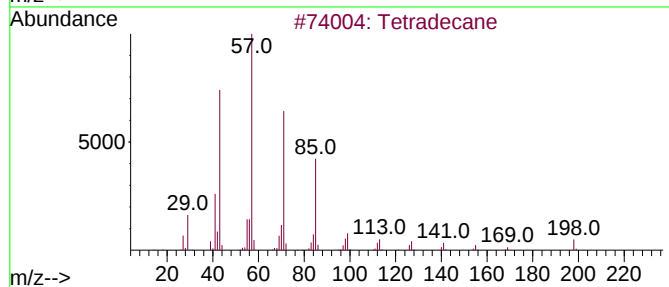
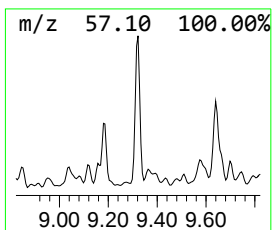
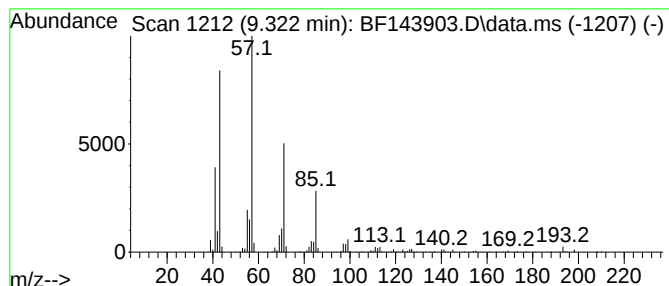
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tetradecane Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.322 | 15.57 ng | 697253 | Acenaphthene-d10 | 9.922 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Tetradecane          | 198 | C14H30  | 000629-59-4 | 94   |
| 2    |      | Tridecane, 6-methyl- | 198 | C14H30  | 013287-21-3 | 91   |
| 3    |      | Hexadecane           | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |      | Nonadecane           | 268 | C19H40  | 000629-92-5 | 90   |
| 5    |      | Heptadecane          | 240 | C17H36  | 000629-78-7 | 86   |



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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

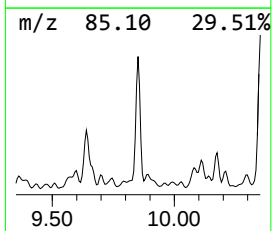
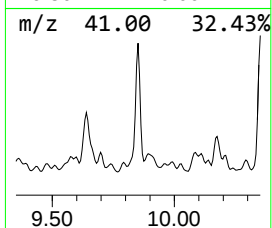
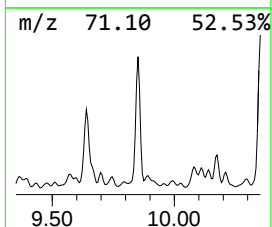
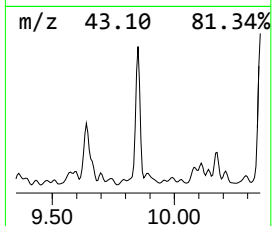
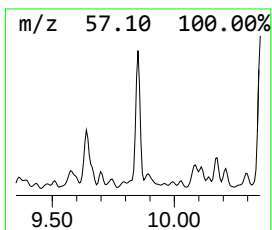
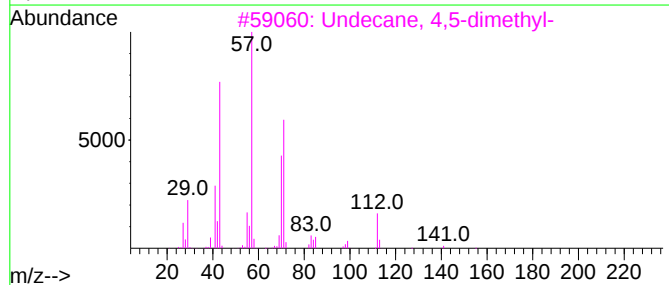
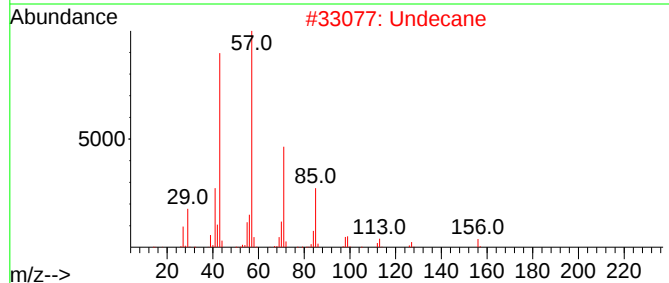
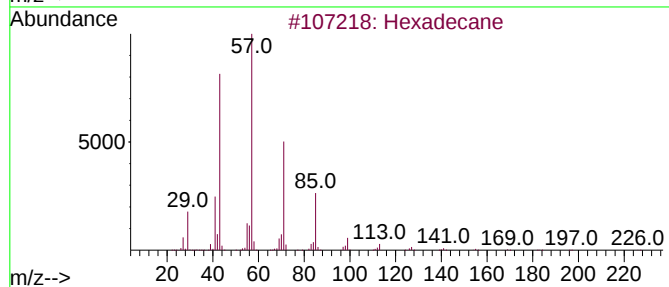
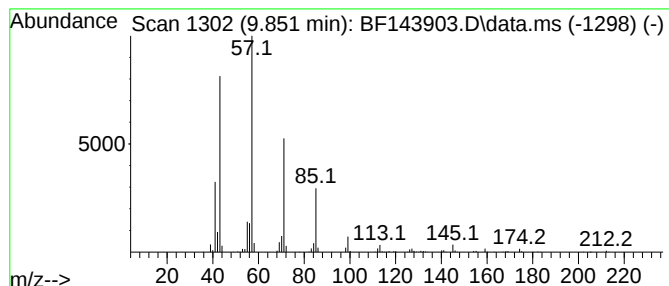
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Hexadecane Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.851 | 16.34 ng | 731799 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |    |   | Undecane                | 156 | C11H24  | 001120-21-4 | 78   |
| 3    |    |   | Undecane, 4,5-dimethyl- | 184 | C13H28  | 017312-79-7 | 64   |
| 4    |    |   | Nonane, 1-iodo-         | 254 | C9H19I  | 004282-42-2 | 59   |
| 5    |    |   | Undecane, 4,8-dimethyl- | 184 | C13H28  | 017301-33-6 | 53   |



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ClientSampleId :  
AU-06-100725

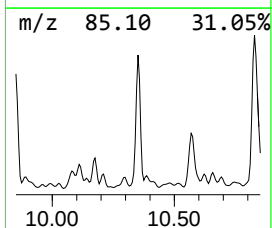
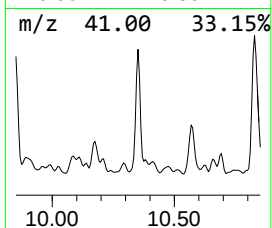
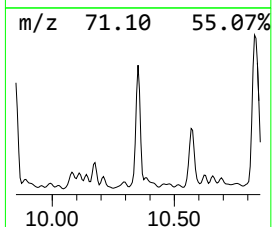
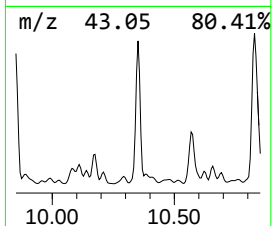
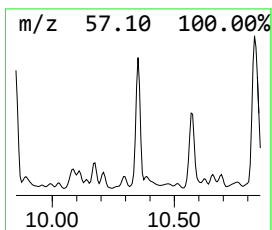
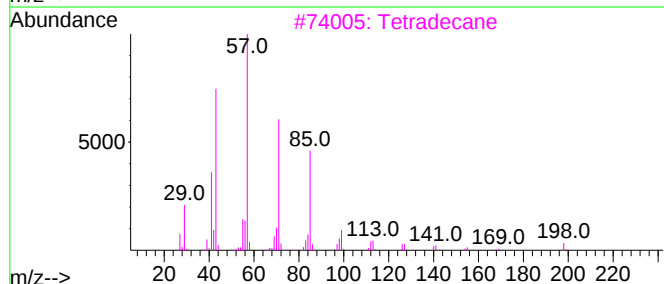
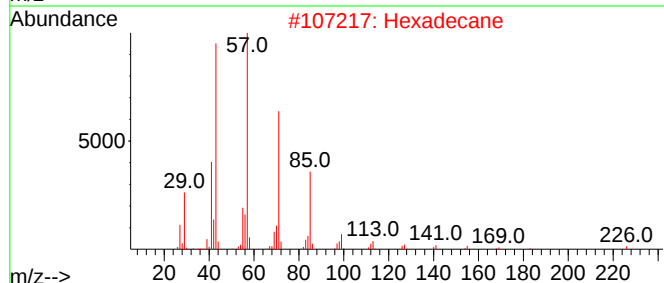
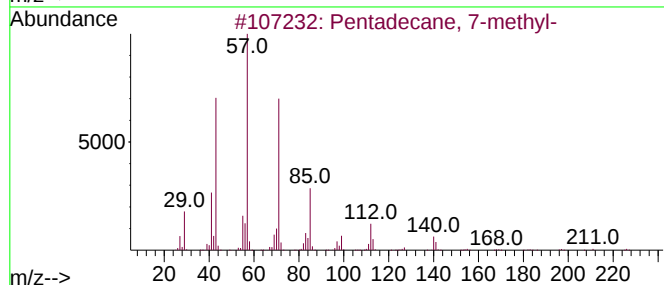
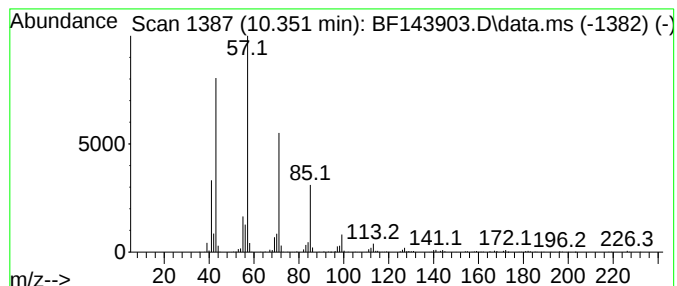
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Pentadecane, 7-methyl- Concentration Rank 2

| R.T.      | EstConc                | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------|--------|------------------|---------|-------------|------|
| 10.351    | 19.93 ng               | 892793 | Acenaphthene-d10 |         | 9.922       |      |
| Hit# of 5 | Tentative ID           |        | MW               | MolForm | CAS#        | Qual |
| 1         | Pentadecane, 7-methyl- |        | 226              | C16H34  | 006165-40-8 | 90   |
| 2         | Hexadecane             |        | 226              | C16H34  | 000544-76-3 | 90   |
| 3         | Tetradecane            |        | 198              | C14H30  | 000629-59-4 | 90   |
| 4         | Octacosane             |        | 394              | C28H58  | 000630-02-4 | 83   |
| 5         | Dodecane, 1-iodo-      |        | 296              | C12H25I | 004292-19-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

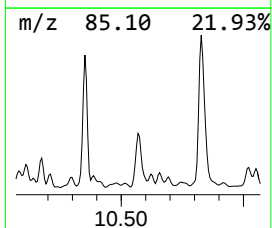
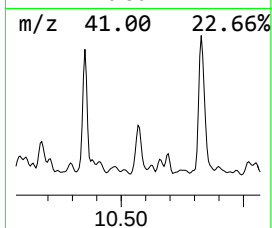
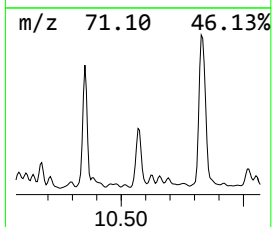
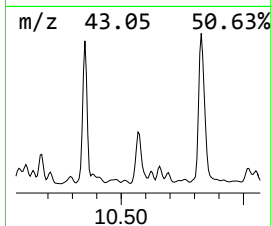
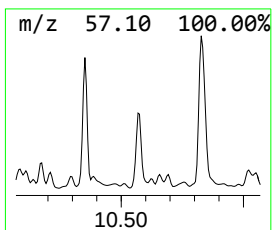
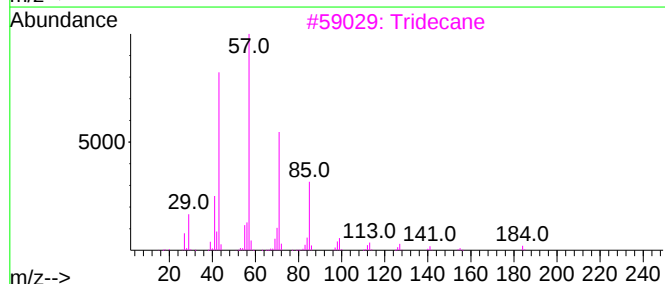
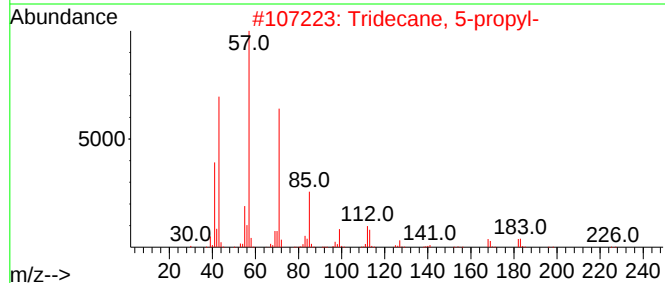
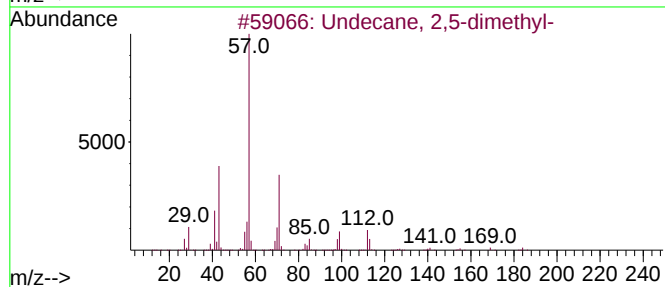
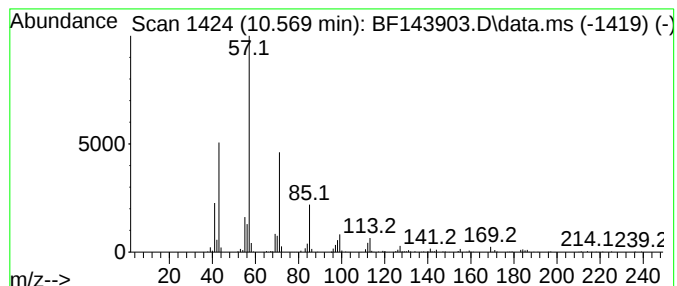
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ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 Undecane, 2,5-dimethyl- Concentration Rank 8

| R.T.      | EstConc                 | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------|--------|------------------|---------|-------------|------|
| 10.569    | 12.30 ng                | 551053 | Acenaphthene-d10 |         | 9.922       |      |
| Hit# of 5 | Tentative ID            |        | MW               | MolForm | CAS#        | Qual |
| 1         | Undecane, 2,5-dimethyl- |        | 184              | C13H28  | 017301-22-3 | 90   |
| 2         | Tridecane, 5-propyl-    |        | 226              | C16H34  | 055045-11-9 | 86   |
| 3         | Tridecane               |        | 184              | C13H28  | 000629-50-5 | 81   |
| 4         | Eicosane                |        | 282              | C20H42  | 000112-95-8 | 72   |
| 5         | Tetracosane             |        | 338              | C24H50  | 000646-31-1 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

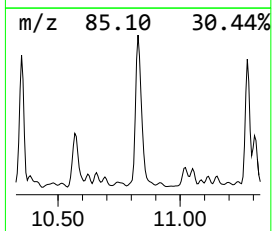
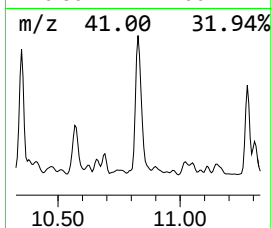
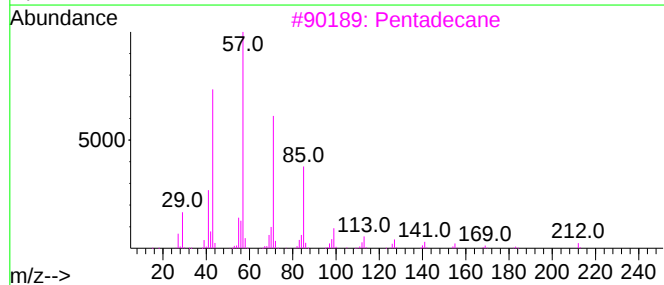
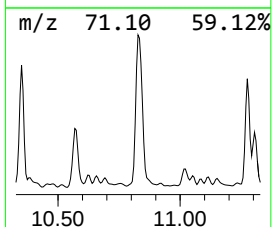
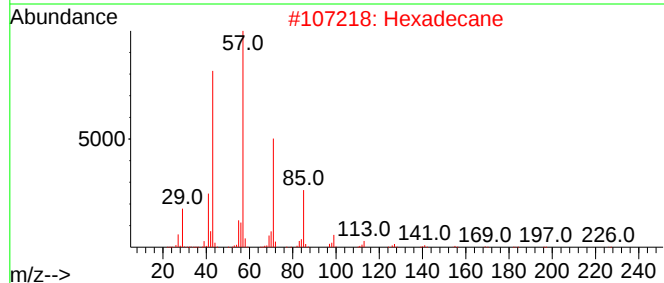
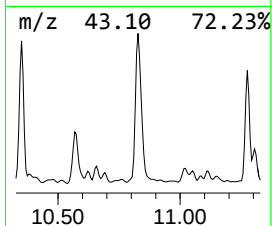
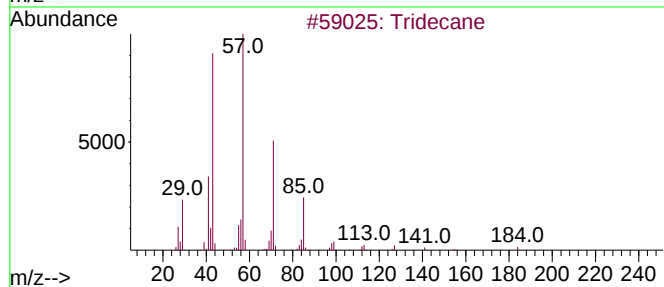
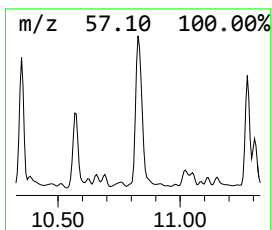
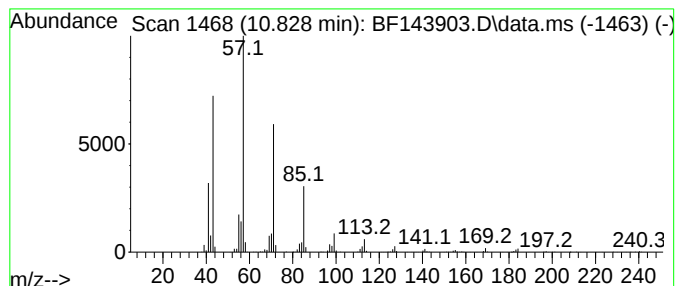
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ClientSampleId :  
AU-06-100725

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 Tridecane Concentration Rank 1

| R.T.      | EstConc      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|---------|------------------|---------|-------------|------|
| 10.828    | 34.09 ng     | 1380480 | Phenanthrene-d10 |         | 11.410      |      |
| Hit# of 5 | Tentative ID |         | MW               | MolForm | CAS#        | Qual |
| 1         | Tridecane    |         | 184              | C13H28  | 000629-50-5 | 87   |
| 2         | Hexadecane   |         | 226              | C16H34  | 000544-76-3 | 86   |
| 3         | Pentadecane  |         | 212              | C15H32  | 000629-62-9 | 86   |
| 4         | Tetradecane  |         | 198              | C14H30  | 000629-59-4 | 86   |
| 5         | Heptadecane  |         | 240              | C17H36  | 000629-78-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

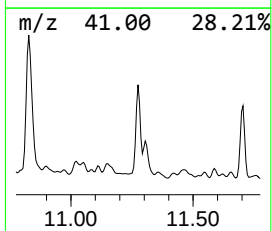
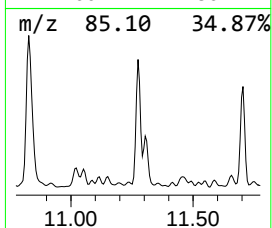
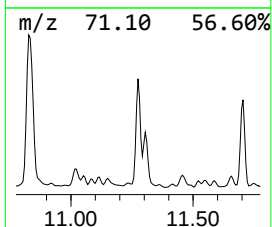
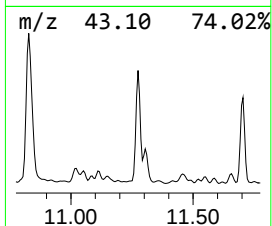
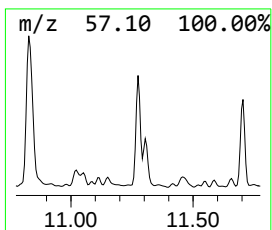
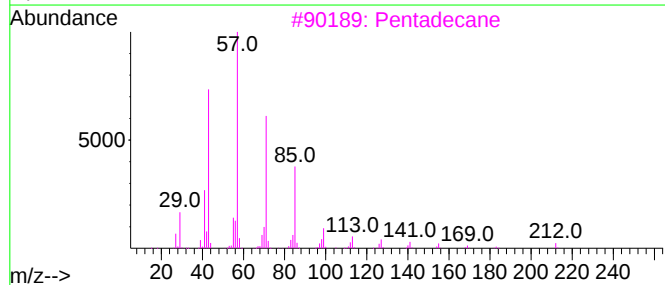
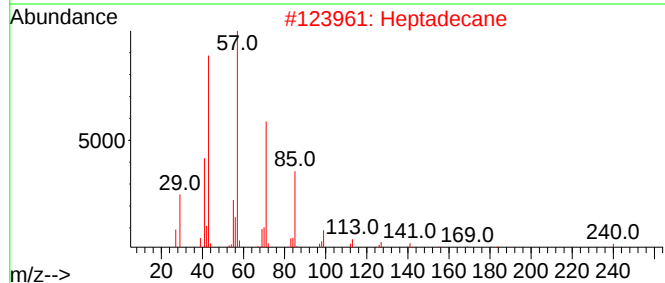
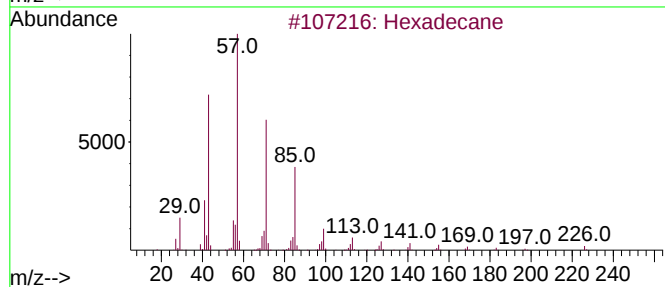
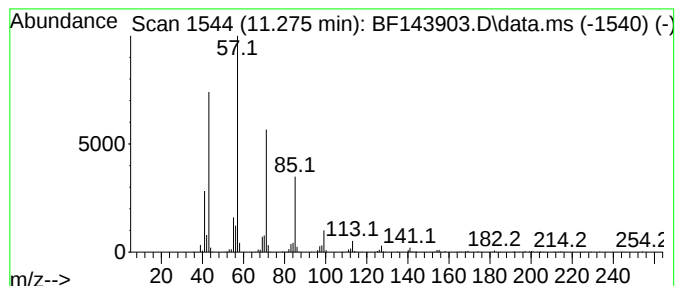
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Heptadecane Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.275 | 18.56 ng | 751591 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane          | 226 | C16H34  | 000544-76-3 | 95   |
| 2    |      | Heptadecane         | 240 | C17H36  | 000629-78-7 | 91   |
| 3    |      | Pentadecane         | 212 | C15H32  | 000629-62-9 | 90   |
| 4    |      | Dodecane, 1-iodo-   | 296 | C12H25I | 004292-19-7 | 86   |
| 5    |      | Undecane, 3-methyl- | 170 | C12H26  | 001002-43-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

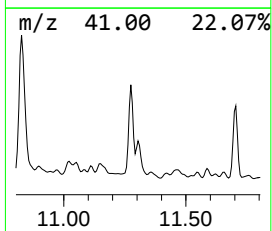
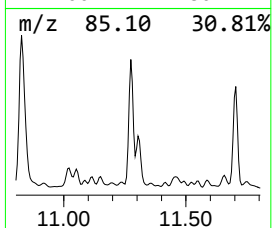
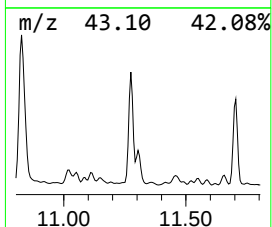
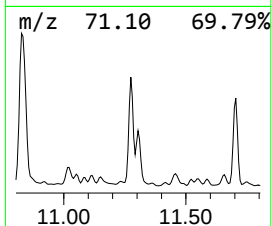
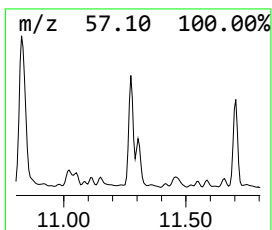
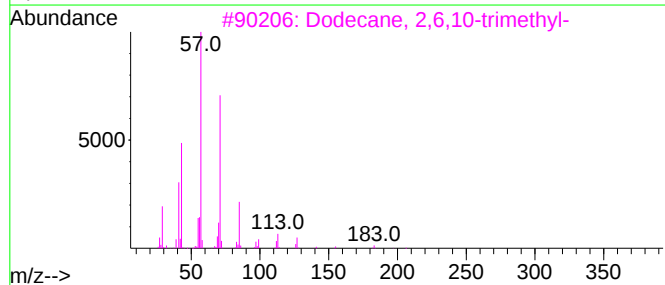
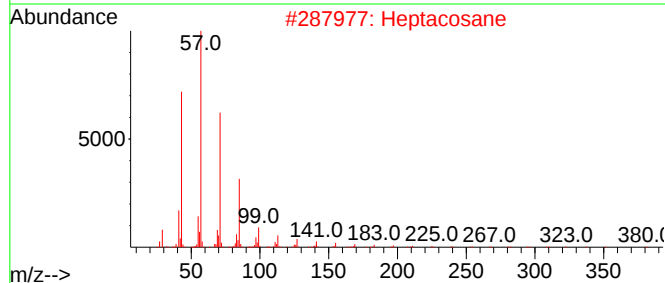
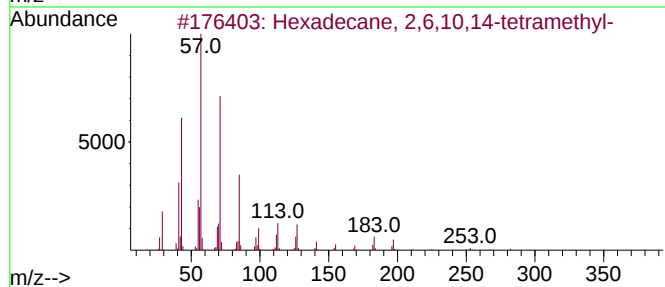
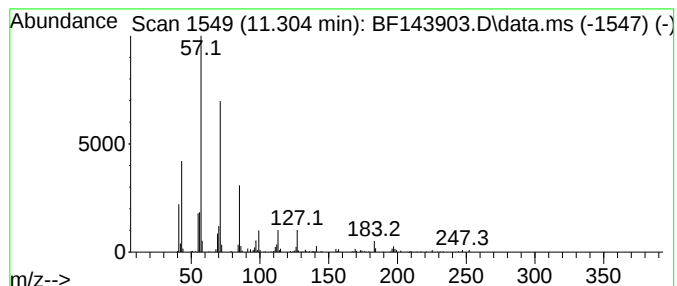
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

| R.T.      | EstConc                            | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------------|--------|------------------|---------|-------------|------|
| 11.304    | 8.44 ng                            | 341766 | Phenanthrene-d10 |         | 11.410      |      |
| Hit# of 5 | Tentative ID                       |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl- |        | 282              | C20H42  | 000638-36-8 | 90   |
| 2         | Heptacosane                        |        | 380              | C27H56  | 000593-49-7 | 80   |
| 3         | Dodecane, 2,6,10-trimethyl-        |        | 212              | C15H32  | 003891-98-3 | 80   |
| 4         | Dodecane, 2,7,10-trimethyl-        |        | 212              | C15H32  | 074645-98-0 | 80   |
| 5         | Pentadecane, 2,6,10-trimethyl-     |        | 254              | C18H38  | 003892-00-0 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

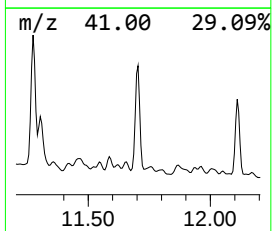
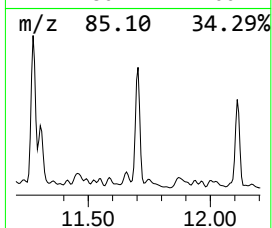
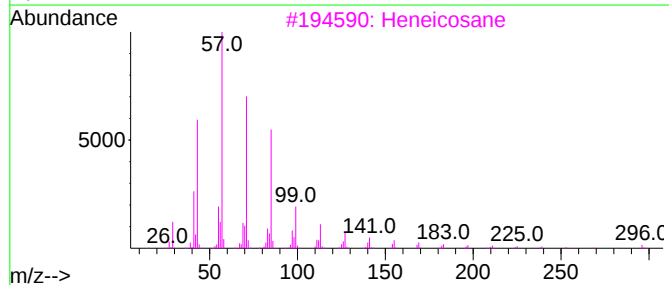
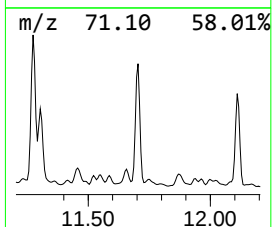
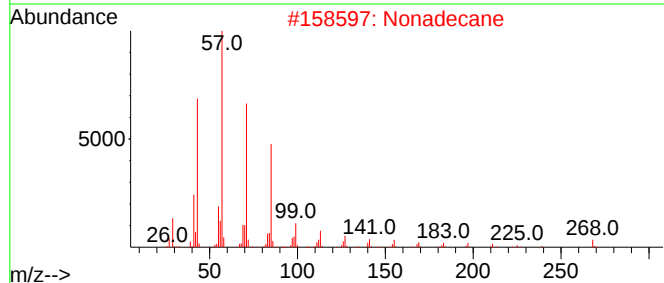
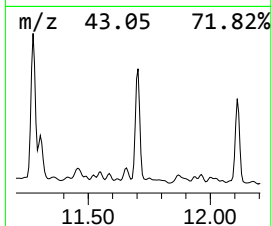
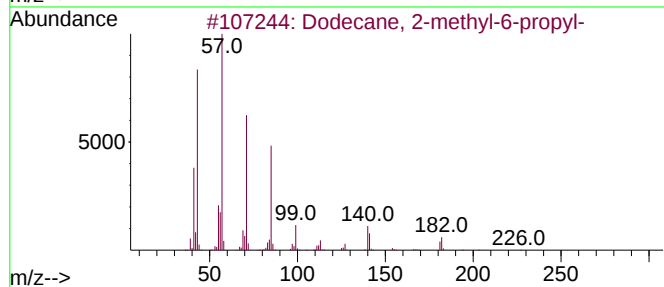
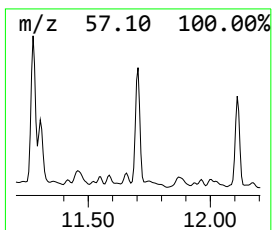
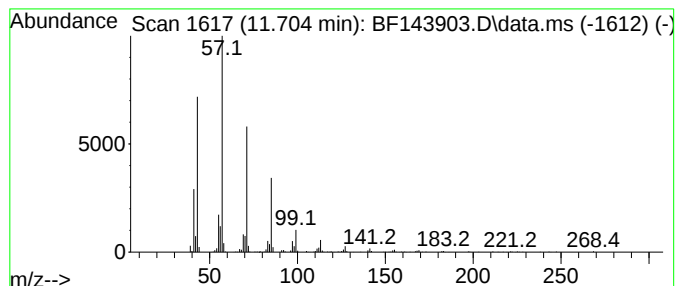
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Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.704 | 14.05 ng | 569061 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 93   |
| 2    |      | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 90   |
| 3    |      | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |      | Tetracosane                  | 338 | C24H50  | 000646-31-1 | 90   |
| 5    |      | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

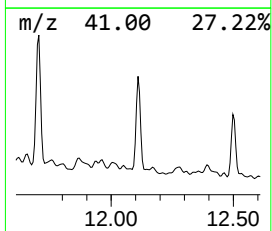
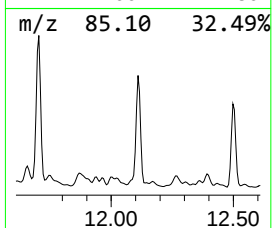
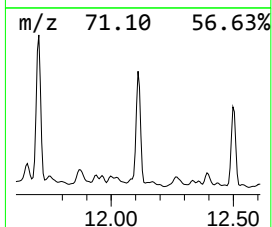
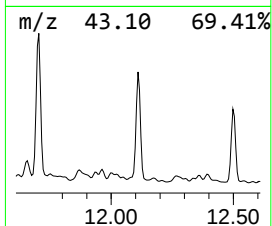
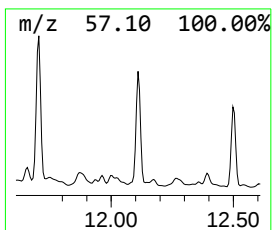
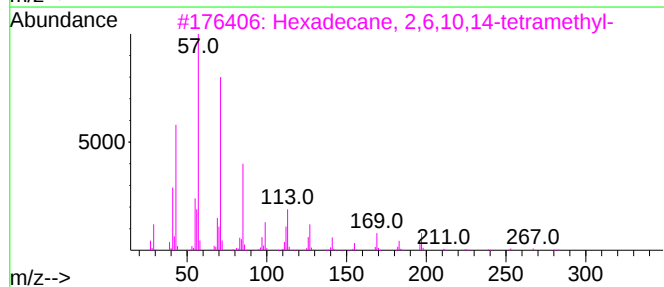
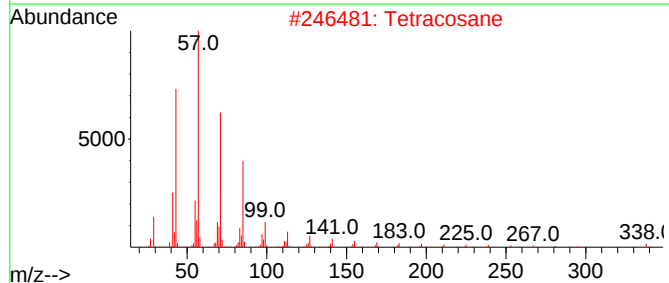
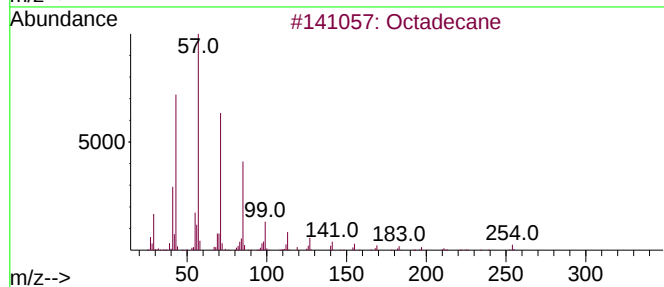
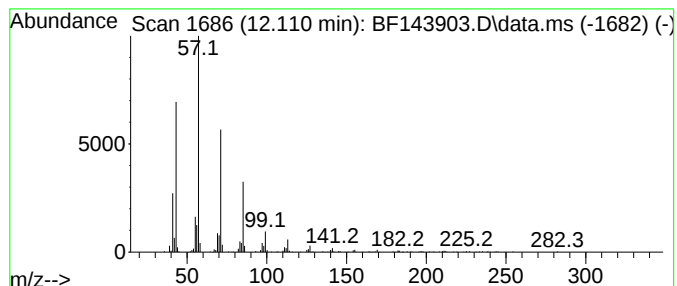
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Octadecane Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.110 | 10.69 ng | 432960 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------------|-----|---------|-------------|------|
| 1    |      | Octadecane                         | 254 | C18H38  | 000593-45-3 | 94   |
| 2    |      | Tetracosane                        | 338 | C24H50  | 000646-31-1 | 90   |
| 3    |      | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 87   |
| 4    |      | Hexadecane                         | 226 | C16H34  | 000544-76-3 | 86   |
| 5    |      | Dodecane, 2-methyl-6-propyl-       | 226 | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

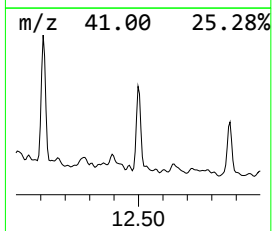
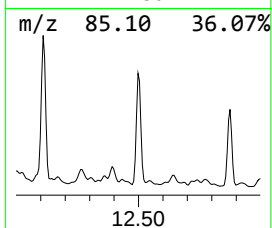
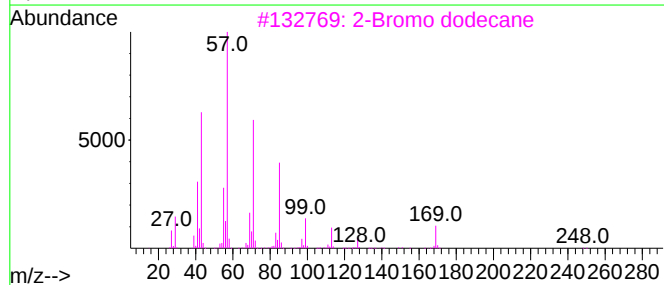
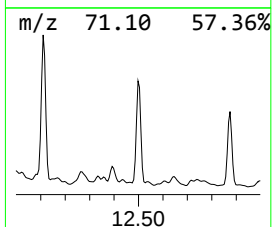
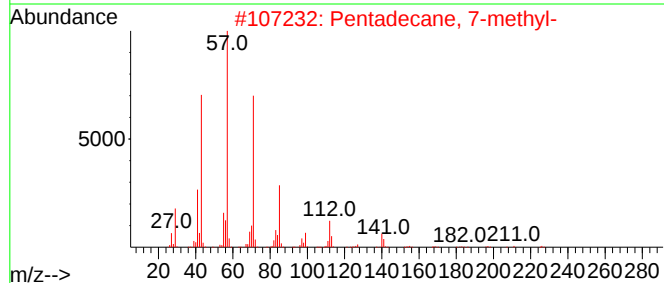
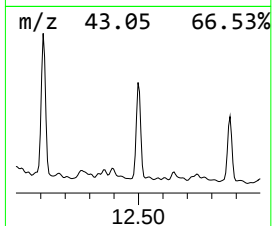
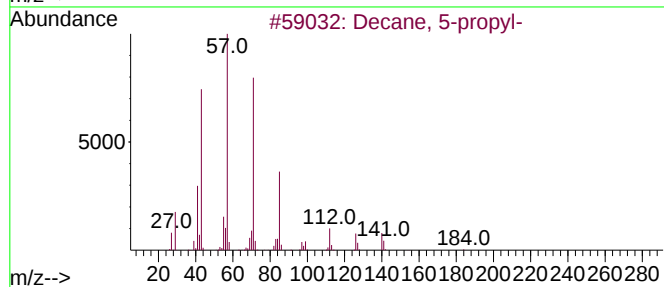
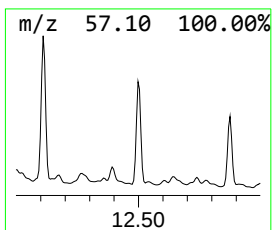
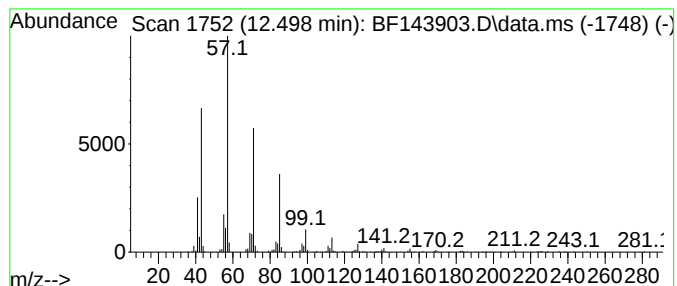
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Decane, 5-propyl- Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|----------|-------------|------|
| 12.498    | 8.21 ng                             | 332316 | Phenanthrene-d10 |          | 11.410      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | Decane, 5-propyl-                   |        | 184              | C13H28   | 017312-62-8 | 90   |
| 2         | Pentadecane, 7-methyl-              |        | 226              | C16H34   | 006165-40-8 | 90   |
| 3         | 2-Bromo dodecane                    |        | 248              | C12H25Br | 013187-99-0 | 90   |
| 4         | Tetracosane                         |        | 338              | C24H50   | 000646-31-1 | 86   |
| 5         | Heptadecane, 2,6,10,15-tetramethyl- |        | 296              | C21H44   | 054833-48-6 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

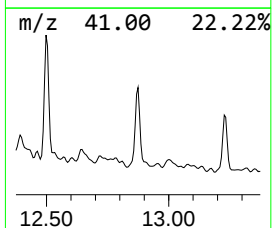
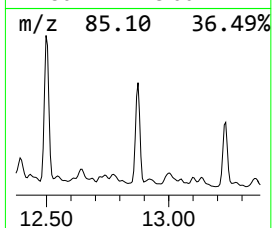
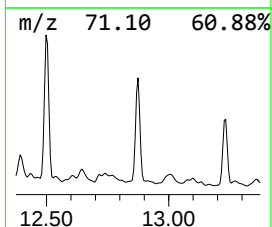
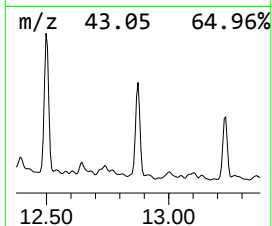
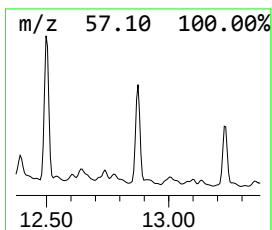
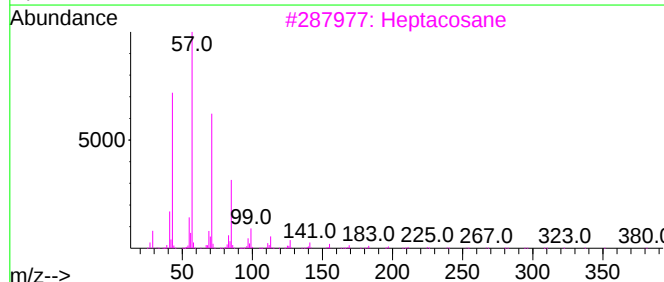
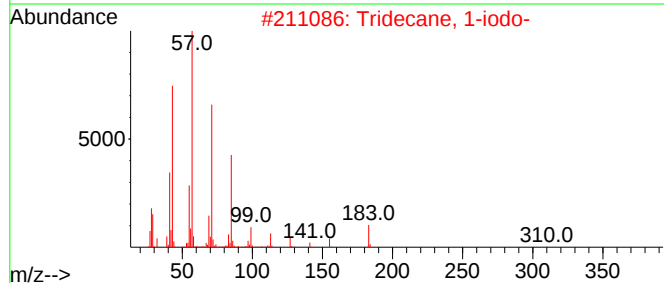
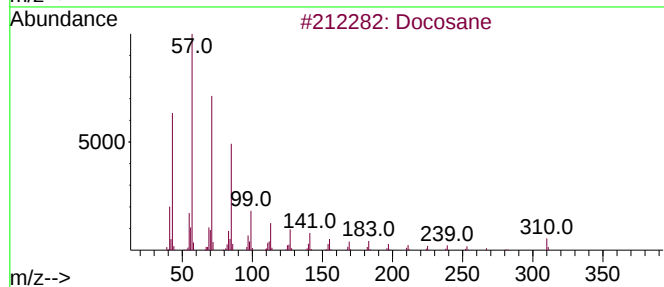
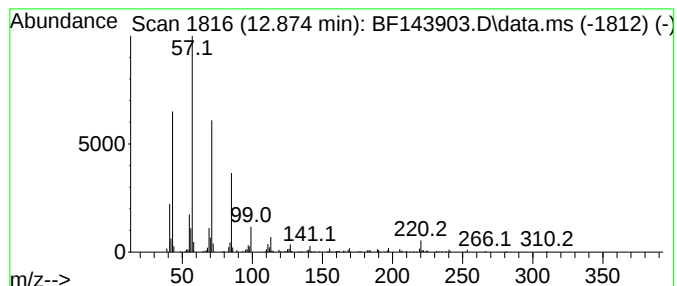
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Docosane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.874 | 6.05 ng | 244351 | Chrysene-d12     | 14.057 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|------|----------------------|-----|----------|-------------|------|
| 1    |      | Docosane             | 310 | C22H46   | 000629-97-0 | 95   |
| 2    |      | Tridecane, 1-iodo-   | 310 | C13H27I  | 035599-77-0 | 93   |
| 3    |      | Heptacosane          | 380 | C27H56   | 000593-49-7 | 87   |
| 4    |      | 2-Bromo dodecane     | 248 | C12H25Br | 013187-99-0 | 86   |
| 5    |      | Eicosane, 10-methyl- | 296 | C21H44   | 054833-23-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

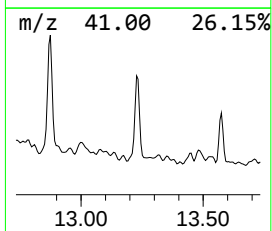
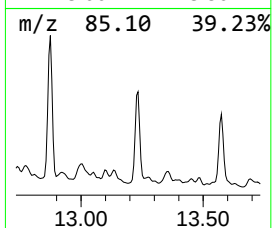
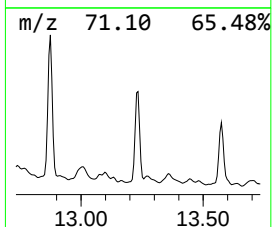
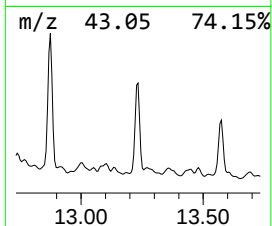
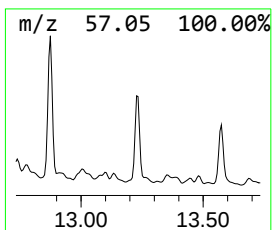
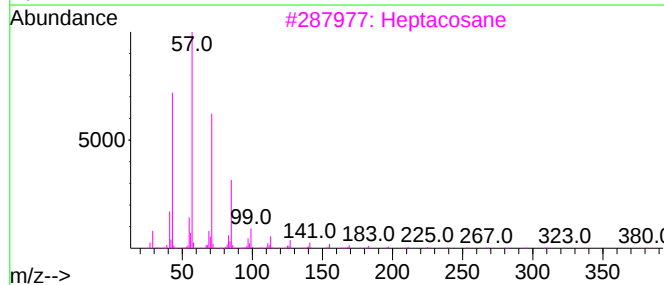
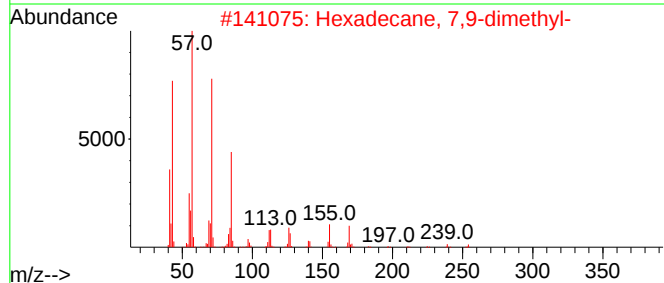
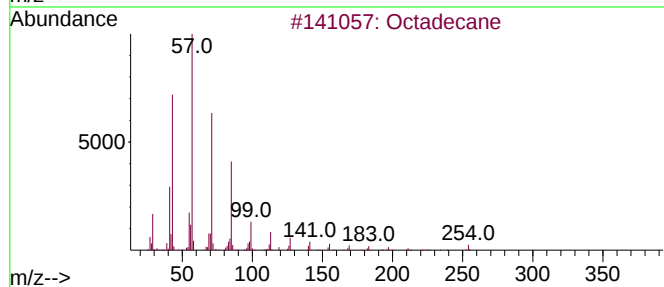
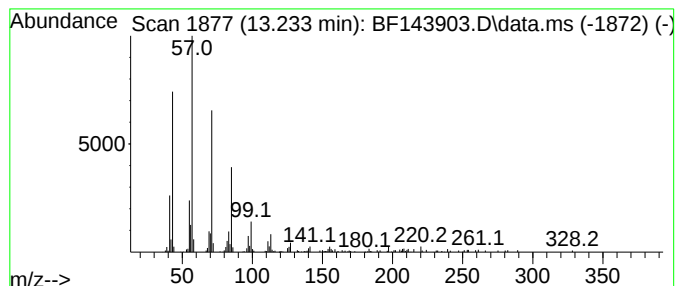
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Hexadecane, 7,9-dimethyl- Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.233 | 4.20 ng | 169379 | Chrysene-d12     | 14.057 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Octadecane                | 254 | C18H38  | 000593-45-3 | 95   |
| 2    |      | Hexadecane, 7,9-dimethyl- | 254 | C18H38  | 021164-95-4 | 91   |
| 3    |      | Heptacosane               | 380 | C27H56  | 000593-49-7 | 90   |
| 4    |      | Octacosane                | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |      | Eicosane                  | 282 | C20H42  | 000112-95-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100825\  
Data File : BF143903.D  
Acq On : 08 Oct 2025 19:04  
Operator : RC/JU  
Sample : Q3305-01 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-06-100725

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.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 |
| Tetradecane        | 9.322  | 15.6    | ng    | 697253   | 3                     | 9.922  | 895908 | 20.0 |
| Hexadecane         | 9.851  | 16.3    | ng    | 731799   | 3                     | 9.922  | 895908 | 20.0 |
| Pentadecane, 7-... | 10.351 | 19.9    | ng    | 892793   | 3                     | 9.922  | 895908 | 20.0 |
| Undecane, 2,5-d... | 10.569 | 12.3    | ng    | 551053   | 3                     | 9.922  | 895908 | 20.0 |
| Tridecane          | 10.828 | 34.1    | ng    | 1380480  | 4                     | 11.410 | 810007 | 20.0 |
| Heptadecane        | 11.275 | 18.6    | ng    | 751591   | 4                     | 11.410 | 810007 | 20.0 |
| Hexadecane, 2,6... | 11.304 | 8.4     | ng    | 341766   | 4                     | 11.410 | 810007 | 20.0 |
| Dodecane, 2-met... | 11.704 | 14.1    | ng    | 569061   | 4                     | 11.410 | 810007 | 20.0 |
| Octadecane         | 12.110 | 10.7    | ng    | 432960   | 4                     | 11.410 | 810007 | 20.0 |
| Decane, 5-propyl-  | 12.498 | 8.2     | ng    | 332316   | 4                     | 11.410 | 810007 | 20.0 |
| Docosane           | 12.874 | 6.0     | ng    | 244351   | 5                     | 14.057 | 807528 | 20.0 |
| Hexadecane, 7,9... | 13.233 | 4.2     | ng    | 169379   | 5                     | 14.057 | 807528 | 20.0 |