

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
 Data File : BF144085.D  
 Acq On : 27 Oct 2025 16:03  
 Operator : RC/JU  
 Sample : Q3416-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-10212025

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: BF144085.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         | 5.093       | 490           | 493         | 501          | rVB      | 10902          | 16263         | 1.45%           | 0.140%        |
| 2         | 5.493       | 556           | 561         | 580          | rBV      | 729704         | 997830        | 89.26%          | 8.565%        |
| 3         | 6.504       | 727           | 733         | 751          | rBV      | 772760         | 1040638       | 93.09%          | 8.932%        |
| 4         | 6.875       | 791           | 796         | 803          | rVB      | 275314         | 354074        | 31.67%          | 3.039%        |
| 5         | 7.440       | 881           | 892         | 896          | rBV      | 475308         | 635699        | 56.86%          | 5.456%        |
| 6         | 7.681       | 929           | 933         | 941          | rVB4     | 10805          | 23978         | 2.14%           | 0.206%        |
| 7         | 7.775       | 943           | 949         | 951          | rBV5     | 9368           | 14480         | 1.30%           | 0.124%        |
| 8         | 7.834       | 956           | 959         | 963          | rVB2     | 8698           | 11737         | 1.05%           | 0.101%        |
| 9         | 7.898       | 967           | 970         | 977          | rVB4     | 17051          | 27177         | 2.43%           | 0.233%        |
| 10        | 8.163       | 1001          | 1015        | 1020         | rBV      | 340970         | 562576        | 50.32%          | 4.829%        |
| 11        | 8.210       | 1020          | 1023        | 1027         | rVB2     | 27154          | 39411         | 3.53%           | 0.338%        |
| 12        | 8.245       | 1027          | 1029        | 1036         | rVB5     | 9616           | 15565         | 1.39%           | 0.134%        |
| 13        | 8.357       | 1037          | 1048        | 1051         | rBV5     | 20282          | 44125         | 3.95%           | 0.379%        |
| 14        | 8.451       | 1059          | 1064        | 1068         | rVB7     | 22814          | 32267         | 2.89%           | 0.277%        |
| 15        | 8.504       | 1070          | 1073        | 1076         | rBV3     | 11301          | 14058         | 1.26%           | 0.121%        |
| 16        | 8.539       | 1076          | 1079        | 1082         | rBV4     | 17123          | 20693         | 1.85%           | 0.178%        |
| 17        | 8.575       | 1082          | 1085        | 1088         | rBV      | 24818          | 26587         | 2.38%           | 0.228%        |
| 18        | 8.663       | 1096          | 1100        | 1105         | rBV3     | 47162          | 59093         | 5.29%           | 0.507%        |
| 19        | 8.745       | 1110          | 1114        | 1119         | rBV      | 71716          | 95520         | 8.54%           | 0.820%        |
| 20        | 8.822       | 1124          | 1127        | 1134         | rVB2     | 23245          | 50344         | 4.50%           | 0.432%        |
| 21        | 8.981       | 1150          | 1154        | 1160         | rBV4     | 45846          | 66579         | 5.96%           | 0.571%        |
| 22        | 9.110       | 1172          | 1176        | 1181         | rVB4     | 24406          | 40387         | 3.61%           | 0.347%        |
| 23        | 9.175       | 1181          | 1187        | 1192         | rBV3     | 41171          | 70148         | 6.27%           | 0.602%        |
| 24        | 9.234       | 1192          | 1197        | 1203         | rVV      | 899553         | 1117913       | 100.00%         | 9.595%        |
| 25        | 9.316       | 1206          | 1211        | 1215         | rBV      | 89762          | 121490        | 10.87%          | 1.043%        |
| 26        | 9.386       | 1219          | 1223        | 1226         | rVV      | 22580          | 26213         | 2.34%           | 0.225%        |
| 27        | 9.498       | 1238          | 1242        | 1247         | rVB4     | 19985          | 34175         | 3.06%           | 0.293%        |
| 28        | 9.575       | 1248          | 1255        | 1257         | rBV5     | 30585          | 64828         | 5.80%           | 0.556%        |
| 29        | 9.634       | 1261          | 1265        | 1268         | rVV4     | 56550          | 90617         | 8.11%           | 0.778%        |
| 30        | 9.692       | 1272          | 1275        | 1279         | rVB3     | 25277          | 32218         | 2.88%           | 0.277%        |
| 31        | 9.781       | 1286          | 1290        | 1293         | rBV5     | 13999          | 21867         | 1.96%           | 0.188%        |
| 32        | 9.845       | 1296          | 1301        | 1305         | rVB      | 97873          | 125252        | 11.20%          | 1.075%        |
| 33        | 9.916       | 1308          | 1313        | 1318         | rVB      | 362617         | 461403        | 41.27%          | 3.960%        |
| 34        | 10.022      | 1328          | 1331        | 1336         | rVB3     | 15652          | 20121         | 1.80%           | 0.173%        |
| 35        | 10.081      | 1336          | 1341        | 1343         | rBV4     | 21795          | 36349         | 3.25%           | 0.312%        |
| 36        | 10.163      | 1352          | 1355        | 1359         | rBV4     | 24379          | 34587         | 3.09%           | 0.297%        |

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 ClientSampleId :  
 NB-08-10212025

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

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 10.239 | 1364 | 1368 | 1371 | rBV5 | 14356  | 25299   | 2.26%  | 0.217% |
| 38 | 10.345 | 1380 | 1386 | 1390 | rBV  | 108045 | 144129  | 12.89% | 1.237% |
| 39 | 10.475 | 1402 | 1408 | 1417 | rBV  | 10101  | 33543   | 3.00%  | 0.288% |
| 40 | 10.563 | 1418 | 1423 | 1429 | rVV  | 48016  | 85843   | 7.68%  | 0.737% |
| 41 | 10.633 | 1430 | 1435 | 1441 | rVV  | 116201 | 171420  | 15.33% | 1.471% |
| 42 | 10.710 | 1441 | 1448 | 1460 | rVV  | 478446 | 669221  | 59.86% | 5.744% |
| 43 | 10.822 | 1462 | 1467 | 1476 | rVB  | 112296 | 193660  | 17.32% | 1.662% |
| 44 | 11.010 | 1496 | 1499 | 1502 | rBV2 | 12373  | 16780   | 1.50%  | 0.144% |
| 45 | 11.269 | 1538 | 1543 | 1546 | rBV  | 75645  | 105647  | 9.45%  | 0.907% |
| 46 | 11.298 | 1546 | 1548 | 1555 | rVB2 | 42261  | 55904   | 5.00%  | 0.480% |
| 47 | 11.410 | 1562 | 1567 | 1578 | rBV  | 328135 | 497890  | 44.54% | 4.274% |
| 48 | 11.651 | 1604 | 1608 | 1612 | rBV5 | 10637  | 14926   | 1.34%  | 0.128% |
| 49 | 11.698 | 1612 | 1616 | 1620 | rVV  | 58077  | 71904   | 6.43%  | 0.617% |
| 50 | 11.863 | 1639 | 1644 | 1648 | rBV6 | 15429  | 29026   | 2.60%  | 0.249% |
| 51 | 11.933 | 1651 | 1656 | 1663 | rVV2 | 96658  | 152153  | 13.61% | 1.306% |
| 52 | 12.022 | 1669 | 1671 | 1678 | rVB5 | 19049  | 33853   | 3.03%  | 0.291% |
| 53 | 12.104 | 1681 | 1685 | 1690 | rVB  | 48413  | 58463   | 5.23%  | 0.502% |
| 54 | 12.492 | 1748 | 1751 | 1757 | rVB  | 37260  | 45644   | 4.08%  | 0.392% |
| 55 | 12.627 | 1769 | 1774 | 1785 | rBV  | 92501  | 139669  | 12.49% | 1.199% |
| 56 | 12.722 | 1786 | 1790 | 1795 | rVB5 | 17296  | 28660   | 2.56%  | 0.246% |
| 57 | 12.857 | 1807 | 1813 | 1819 | rBV  | 97030  | 160307  | 14.34% | 1.376% |
| 58 | 12.998 | 1831 | 1837 | 1845 | rVB  | 762635 | 1002116 | 89.64% | 8.601% |
| 59 | 13.074 | 1846 | 1850 | 1856 | rVB7 | 9361   | 16864   | 1.51%  | 0.145% |
| 60 | 13.180 | 1866 | 1868 | 1872 | rVB  | 12756  | 14666   | 1.31%  | 0.126% |
| 61 | 13.222 | 1872 | 1875 | 1878 | rBV  | 17026  | 21863   | 1.96%  | 0.188% |
| 62 | 13.286 | 1883 | 1886 | 1890 | rVB2 | 12404  | 16317   | 1.46%  | 0.140% |
| 63 | 13.569 | 1930 | 1934 | 1939 | rBV2 | 14246  | 22402   | 2.00%  | 0.192% |
| 64 | 13.804 | 1971 | 1974 | 1977 | rBV2 | 10177  | 14315   | 1.28%  | 0.123% |
| 65 | 13.904 | 1987 | 1991 | 1999 | rBV5 | 35500  | 71288   | 6.38%  | 0.612% |
| 66 | 14.057 | 2011 | 2017 | 2029 | rBV2 | 334542 | 553989  | 49.56% | 4.755% |
| 67 | 14.904 | 2158 | 2161 | 2165 | rVB  | 33194  | 40391   | 3.61%  | 0.347% |
| 68 | 15.104 | 2191 | 2195 | 2203 | rBV  | 62107  | 136246  | 12.19% | 1.169% |
| 69 | 15.474 | 2255 | 2258 | 2264 | rBV  | 38847  | 56962   | 5.10%  | 0.489% |
| 70 | 15.545 | 2264 | 2270 | 2282 | rVB  | 283778 | 502925  | 44.99% | 4.317% |

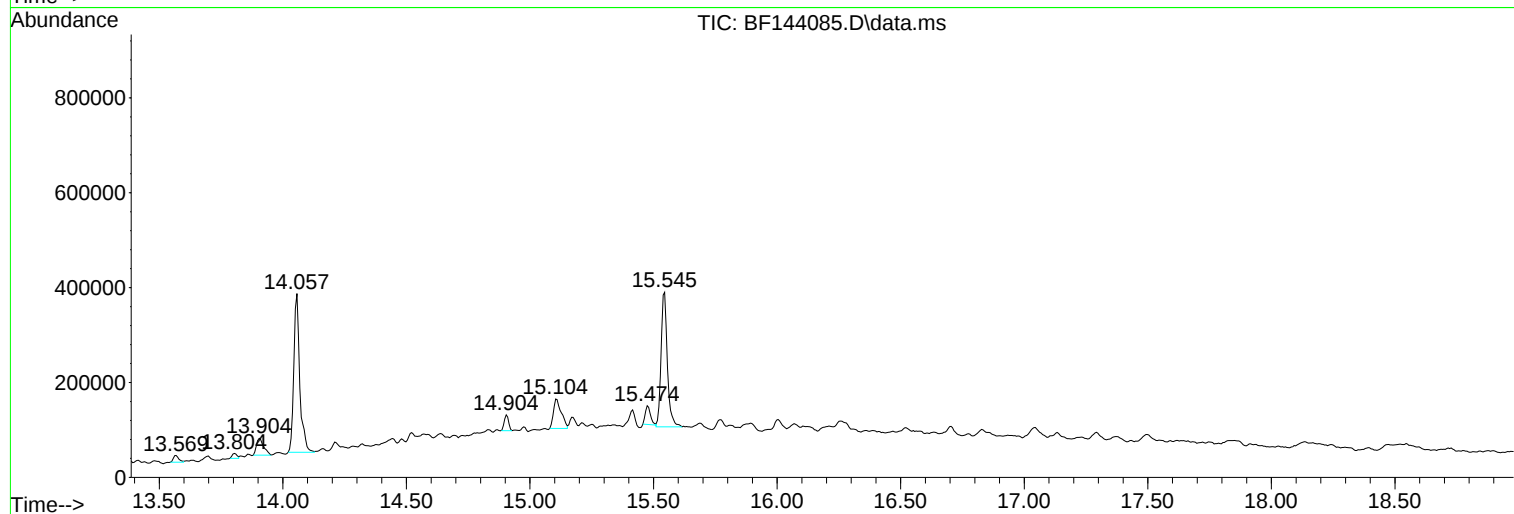
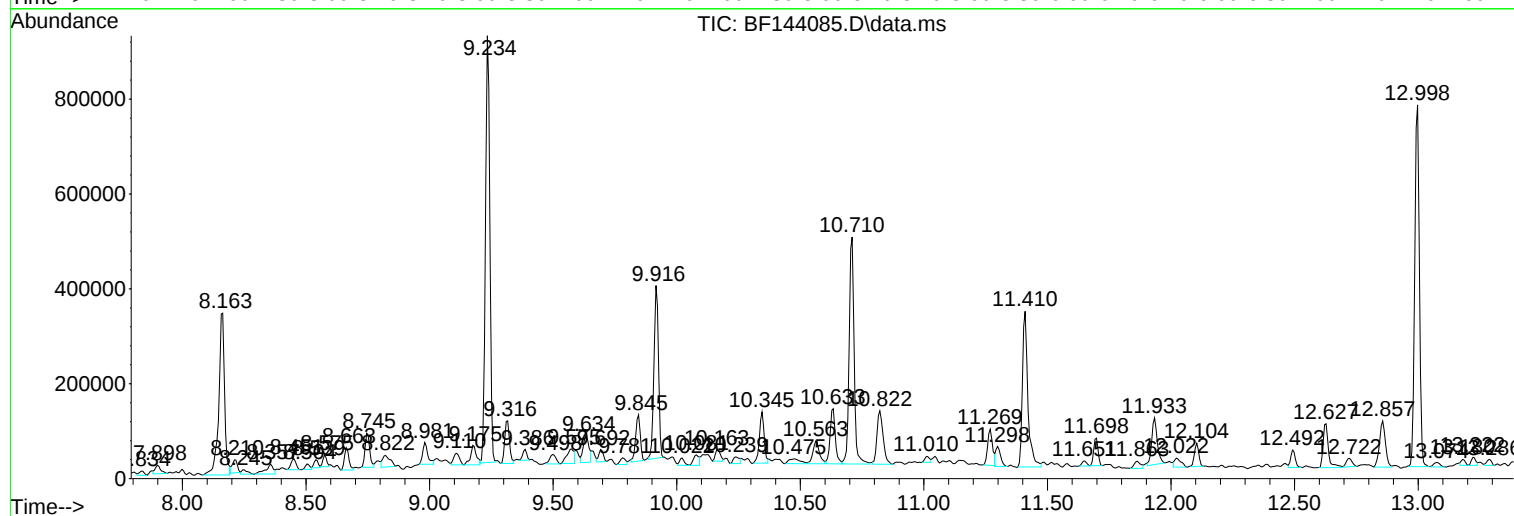
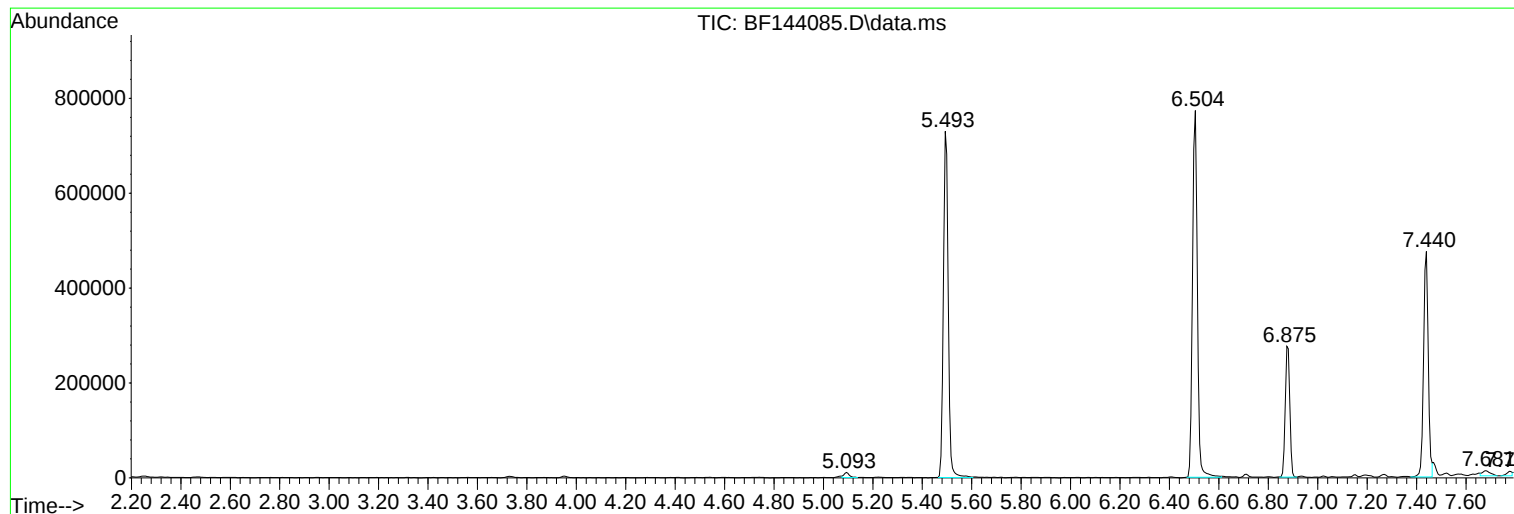
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Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
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Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

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

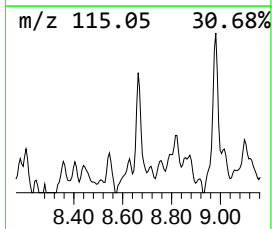
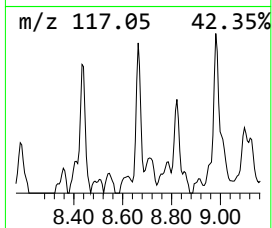
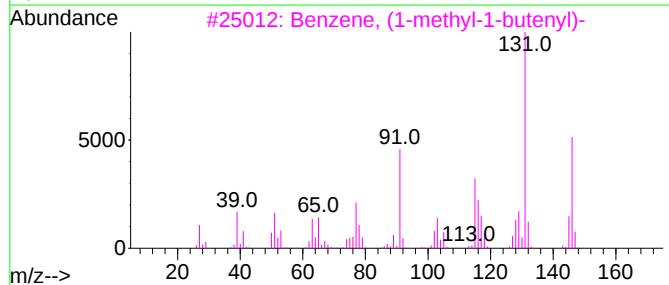
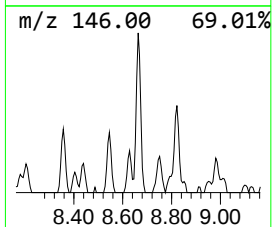
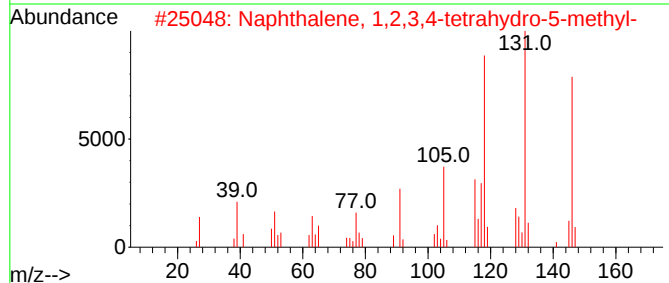
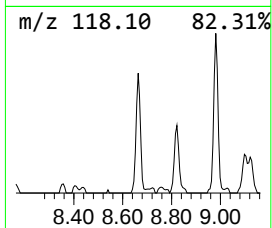
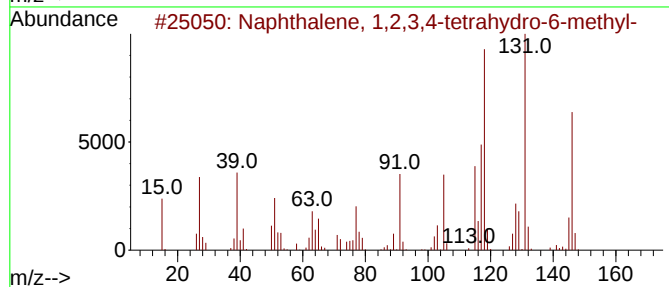
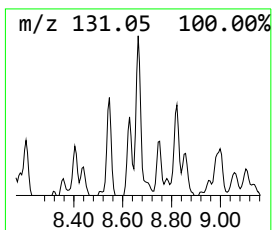
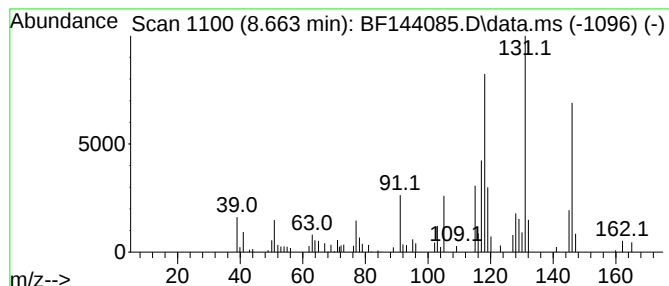
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 8.663 | 2.10 ng | 59093 | Naphthalene-d8   | 8.163 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9  | 95   |
| 2    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5  | 95   |
| 3    |      | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2  | 78   |
| 4    |      | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14  | 1010189-31-0 | 64   |
| 5    |      | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9  | 53   |



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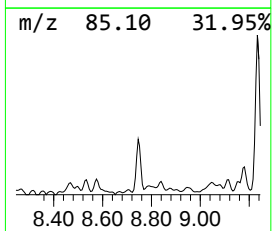
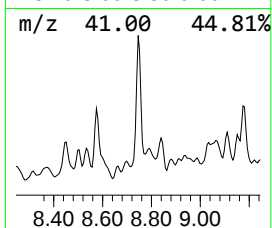
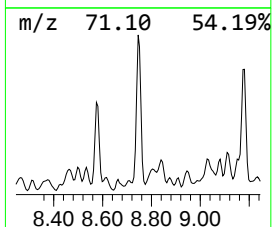
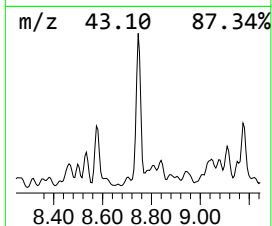
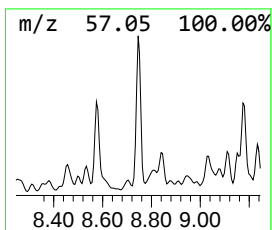
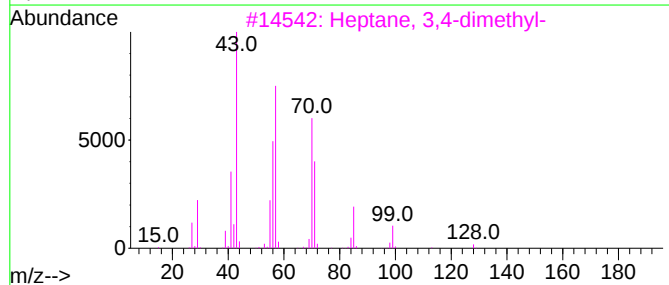
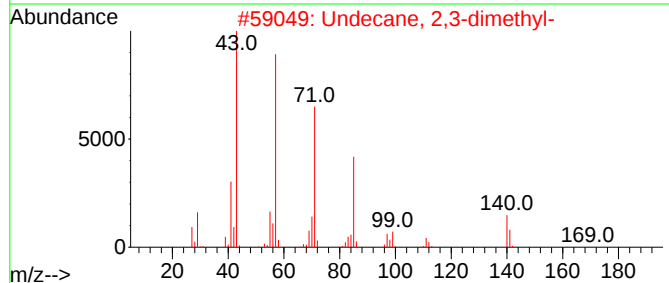
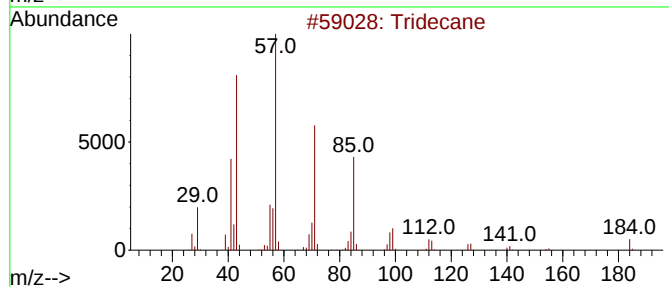
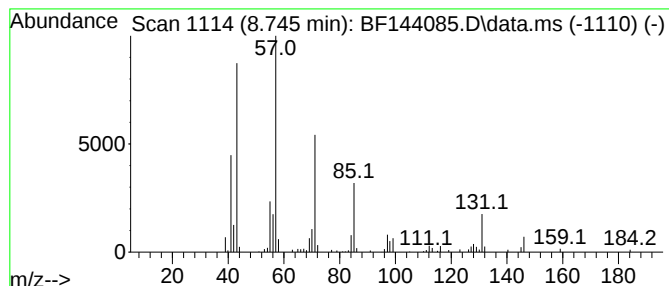
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Tridecane Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 8.745 | 3.40 ng | 95520 | Naphthalene-d8   | 8.163 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 89   |
| 2    |    |   | Undecane, 2,3-dimethyl-  | 184 | C13H28  | 017312-77-5 | 72   |
| 3    |    |   | Heptane, 3,4-dimethyl-   | 128 | C9H20   | 000922-28-1 | 64   |
| 4    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 64   |
| 5    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 59   |



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NB-08-10212025

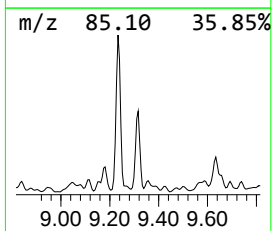
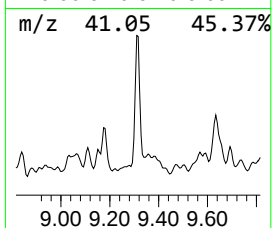
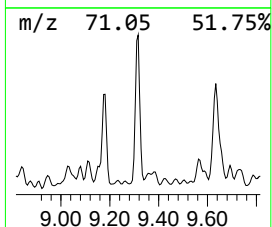
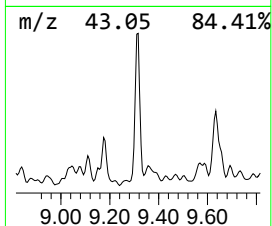
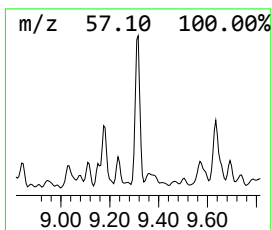
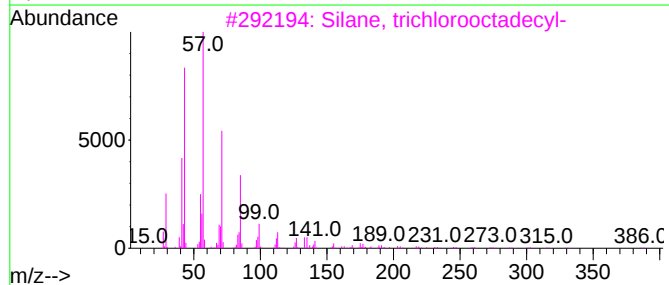
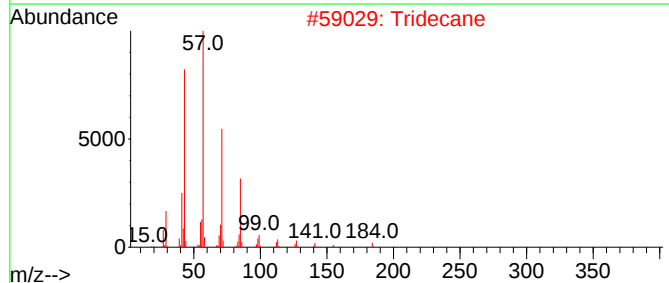
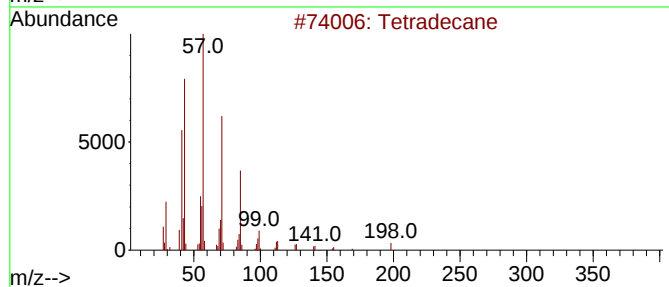
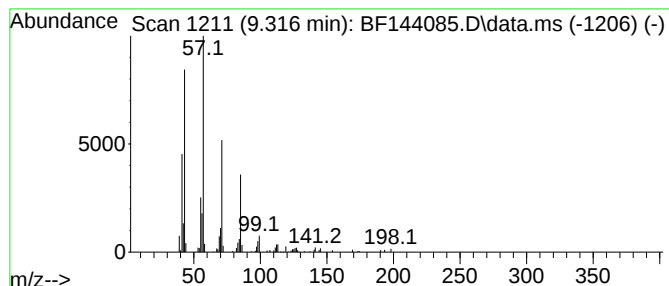
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Tetradecane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.316 | 5.27 ng | 121490 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-----------------------------|-----|-------------|-------------|------|
| 1    |    |   | Tetradecane                 | 198 | C14H30      | 000629-59-4 | 96   |
| 2    |    |   | Tridecane                   | 184 | C13H28      | 000629-50-5 | 90   |
| 3    |    |   | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 90   |
| 4    |    |   | Dodecane                    | 170 | C12H26      | 000112-40-3 | 90   |
| 5    |    |   | Hexadecane                  | 226 | C16H34      | 000544-76-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

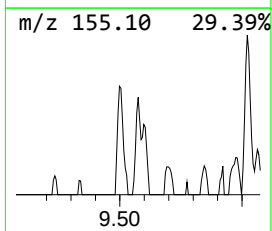
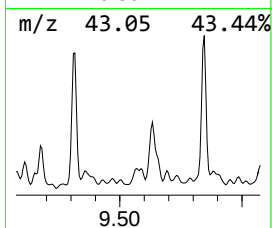
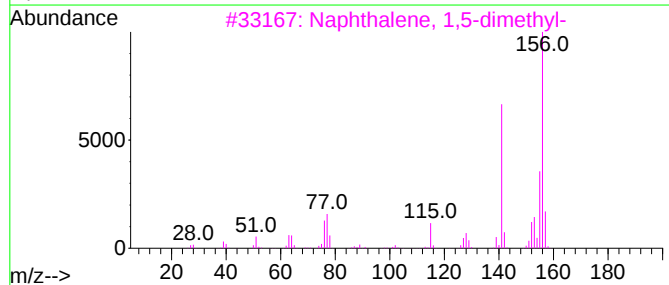
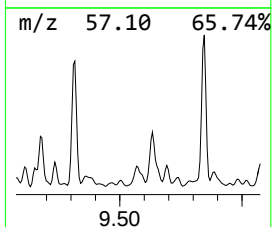
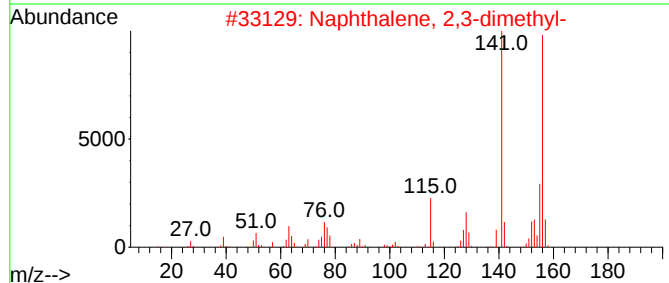
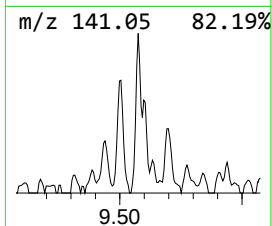
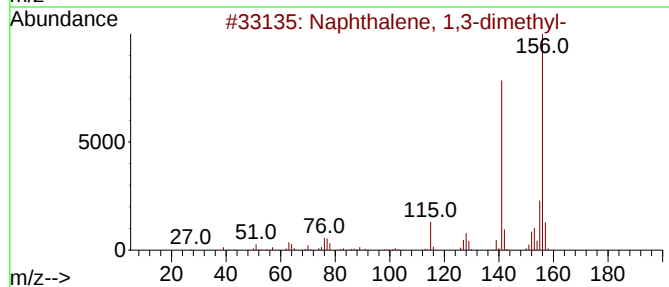
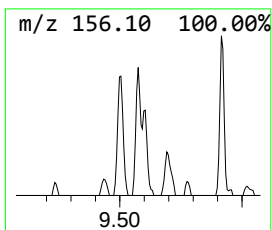
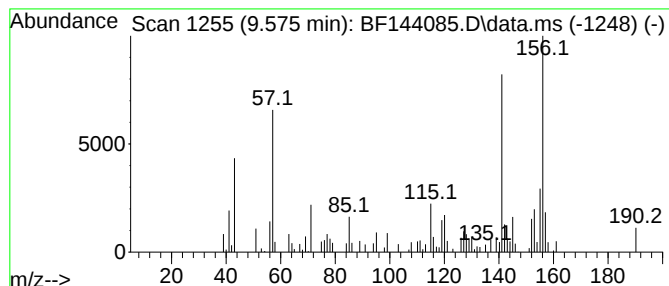
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 9.575 | 2.81 ng | 64828 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 93   |
| 2    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 91   |
| 3    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 90   |
| 4    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 87   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

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

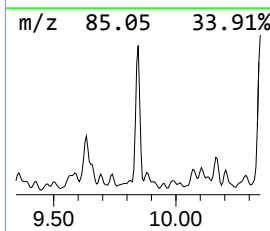
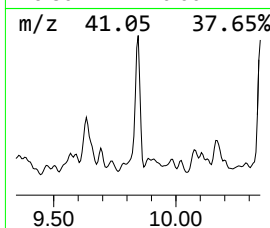
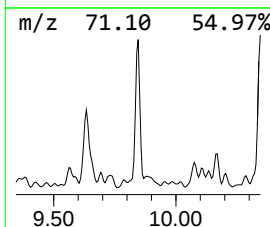
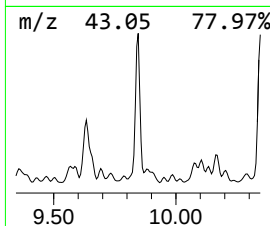
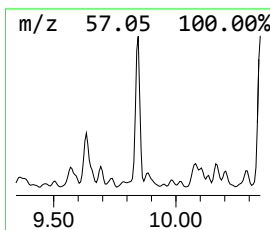
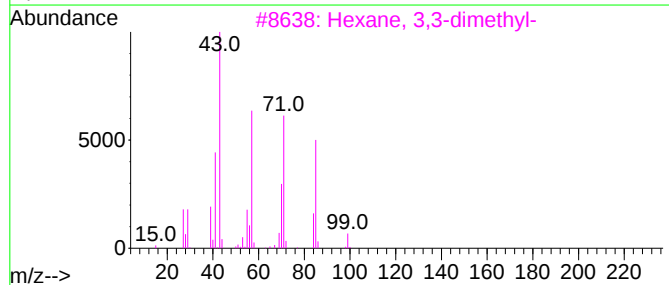
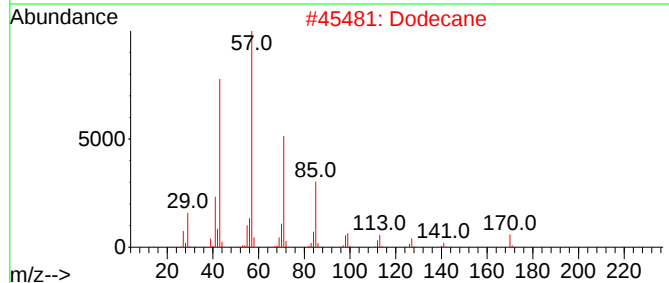
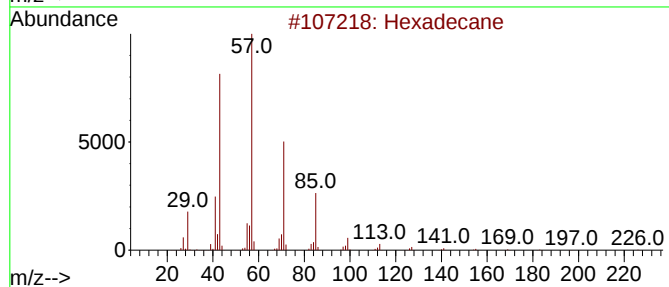
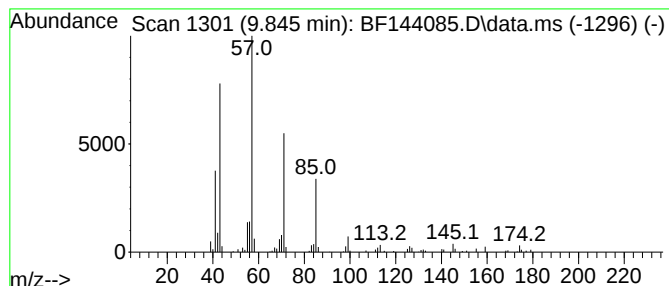
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Hexadecane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.845 | 5.43 ng | 125252 | Acenaphthene-d10 | 9.916 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane                    | 226 | C16H34  | 000544-76-3 | 87   |
| 2    |      | Dodecane                      | 170 | C12H26  | 000112-40-3 | 72   |
| 3    |      | Hexane, 3,3-dimethyl-         | 114 | C8H18   | 000563-16-6 | 64   |
| 4    |      | Pentadecane                   | 212 | C15H32  | 000629-62-9 | 59   |
| 5    |      | Octane, 3-ethyl-2,7-dimethyl- | 170 | C12H26  | 062183-55-5 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

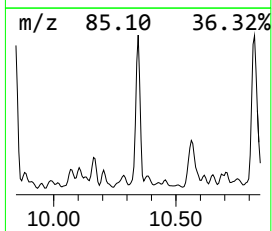
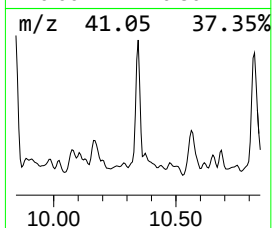
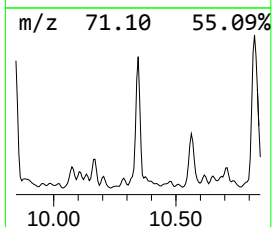
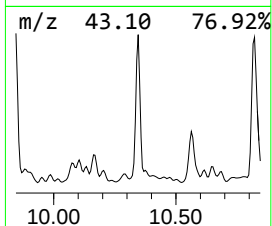
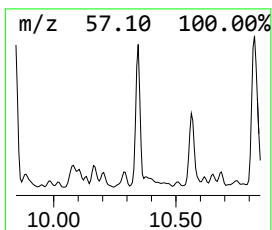
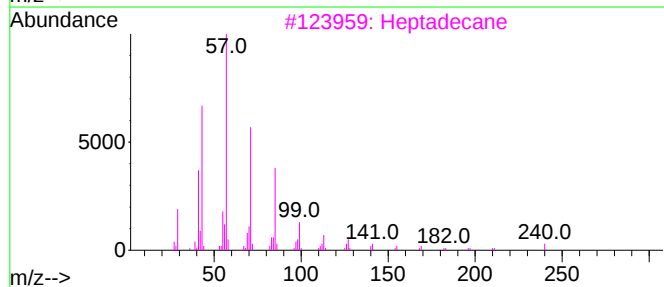
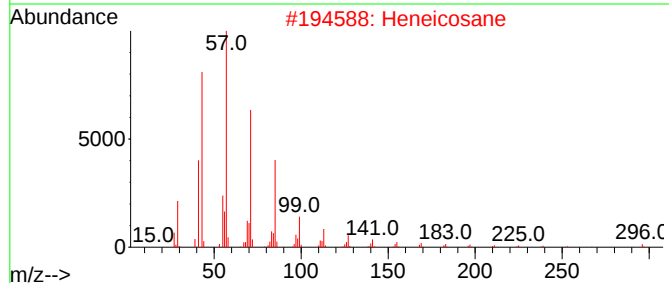
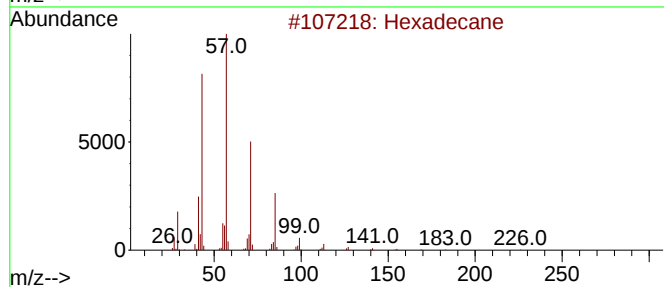
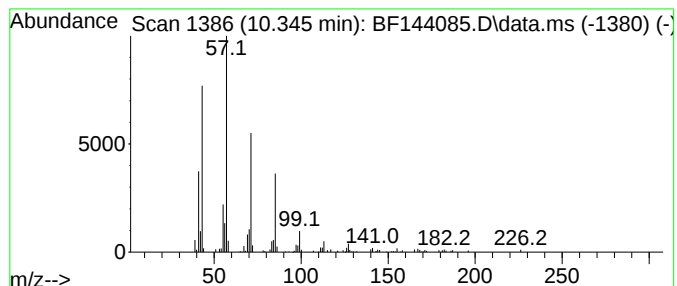
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Heneicosane Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.345 | 6.25 ng | 144129 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane         | 226 | C16H34  | 000544-76-3 | 97   |
| 2    |    |   | Heneicosane        | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    |   | Heptadecane        | 240 | C17H36  | 000629-78-7 | 90   |
| 4    |    |   | Nonadecane         | 268 | C19H40  | 000629-92-5 | 90   |
| 5    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

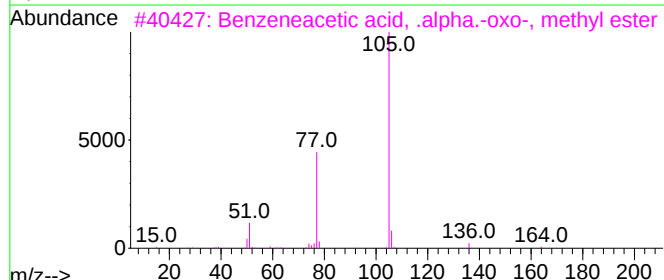
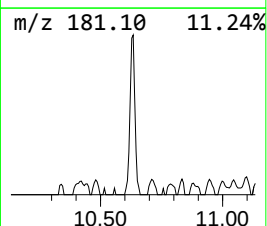
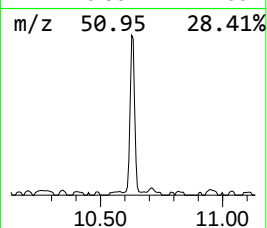
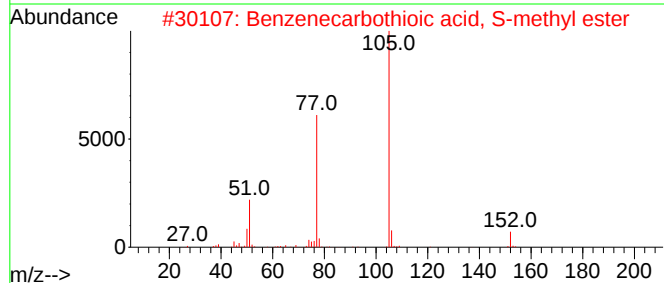
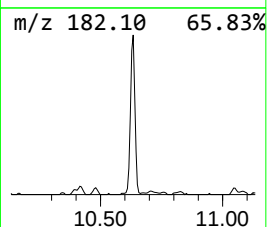
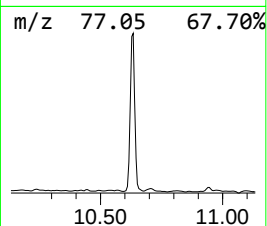
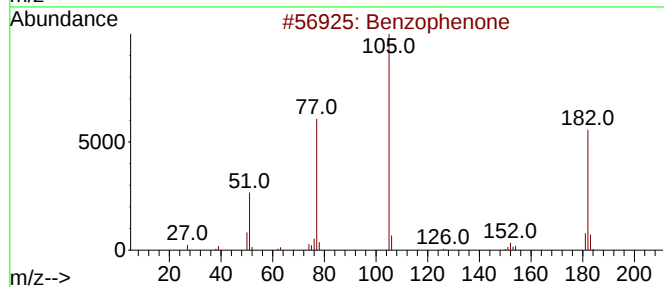
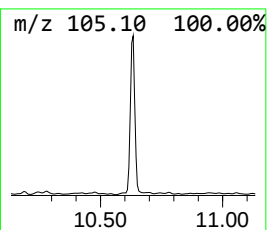
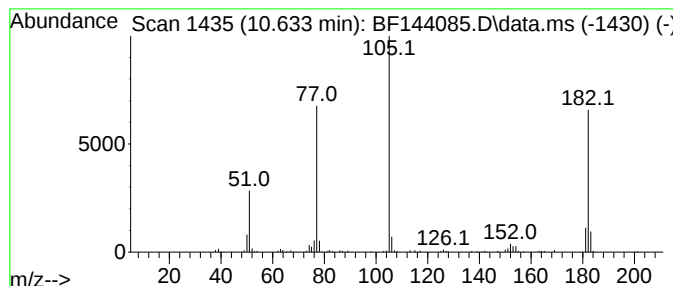
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.634 | 7.43 ng | 171420 | Acenaphthene-d10 | 9.916 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9 | 96   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS     | 005925-68-8 | 60   |
| 3    |    |   | Benzeneacetic acid, .alpha.-oxo-... | 164 | C9H8O3     | 015206-55-0 | 49   |
| 4    |    |   | Disulfide, dibenzoyl                | 274 | C14H10O2S2 | 000644-32-6 | 46   |
| 5    |    |   | Benzenebutanoic acid, .gamma.-oxo-  | 178 | C10H10O3   | 002051-95-8 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

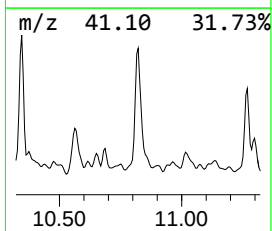
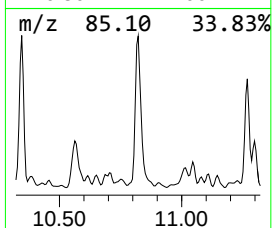
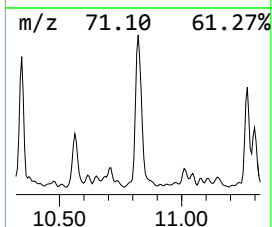
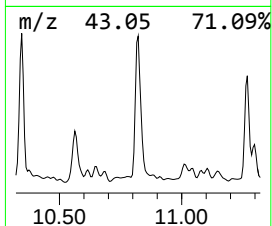
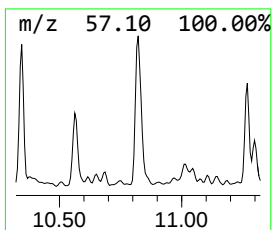
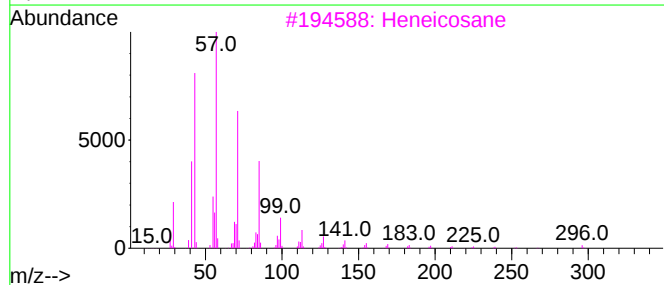
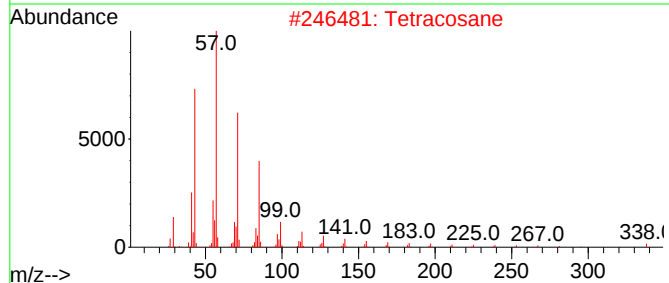
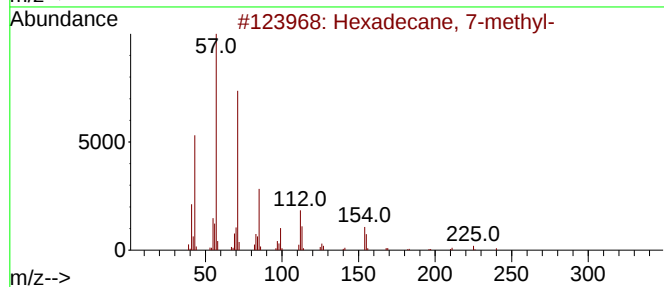
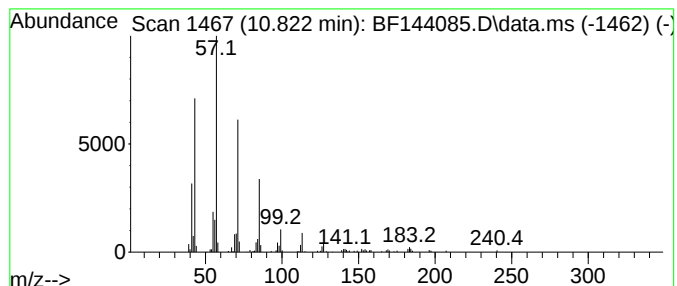
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ClientSampleId :  
NB-08-10212025

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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 12 Hexadecane, 7-methyl- Concentration Rank 1

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 10.822    | 7.78 ng               | 193660 | Phenanthrene-d10 |         | 11.410      |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexadecane, 7-methyl- |        | 240              | C17H36  | 026730-20-1 | 91   |
| 2         | Tetracosane           |        | 338              | C24H50  | 000646-31-1 | 91   |
| 3         | Heneicosane           |        | 296              | C21H44  | 000629-94-7 | 91   |
| 4         | Eicosane              |        | 282              | C20H42  | 000112-95-8 | 86   |
| 5         | Dodecane, 1-iodo-     |        | 296              | C12H25I | 004292-19-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
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Operator : RC/JU  
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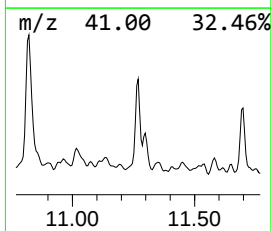
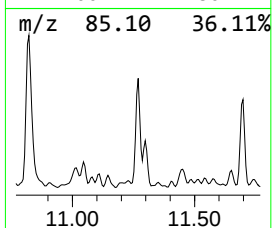
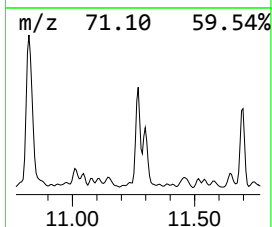
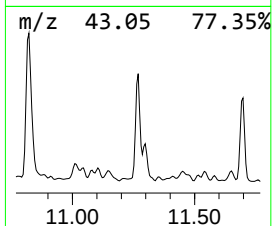
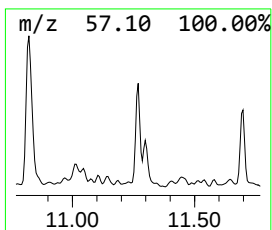
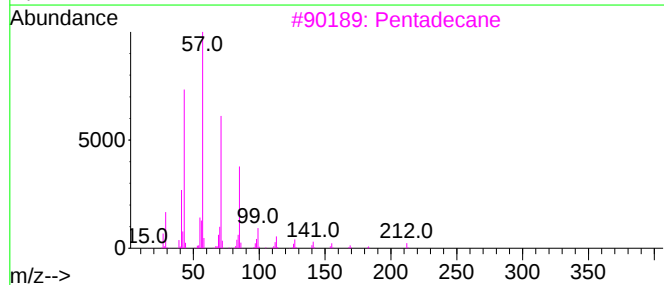
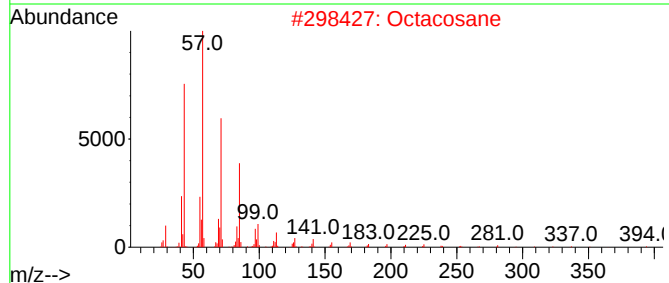
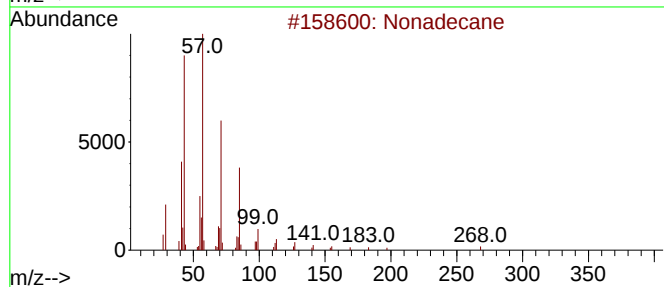
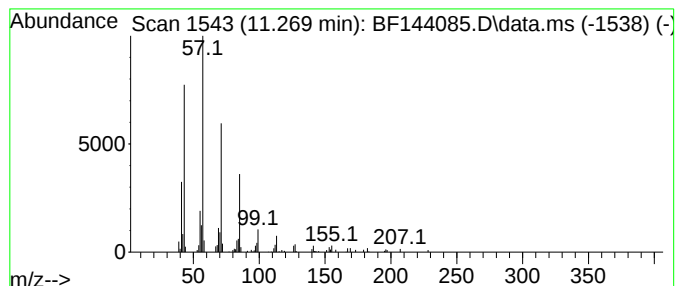
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Nonadecane Concentration Rank 7

| R.T.      | EstConc      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|--------|------------------|---------|-------------|------|
| 11.269    | 4.24 ng      | 105647 | Phenanthrene-d10 |         | 11.410      |      |
| Hit# of 5 | Tentative ID |        | MW               | MolForm | CAS#        | Qual |
| 1         | Nonadecane   |        | 268              | C19H40  | 000629-92-5 | 91   |
| 2         | Octacosane   |        | 394              | C28H58  | 000630-02-4 | 91   |
| 3         | Pentadecane  |        | 212              | C15H32  | 000629-62-9 | 91   |
| 4         | Eicosane     |        | 282              | C20H42  | 000112-95-8 | 90   |
| 5         | Hexadecane   |        | 226              | C16H34  | 000544-76-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

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TIC Integration Parameters: LSCINT.P

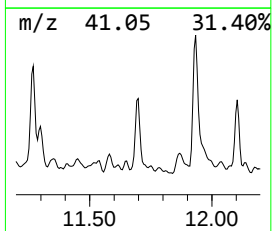
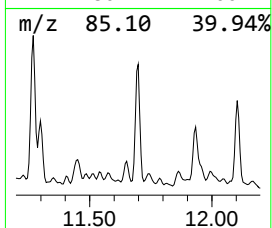
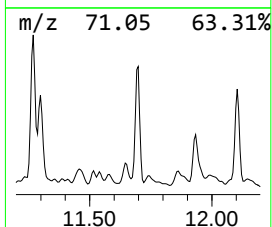
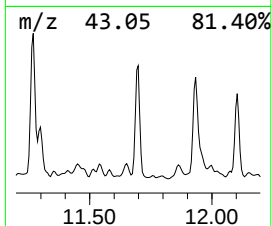
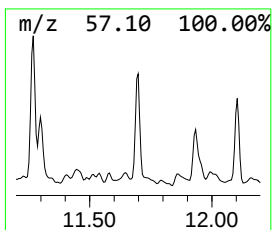
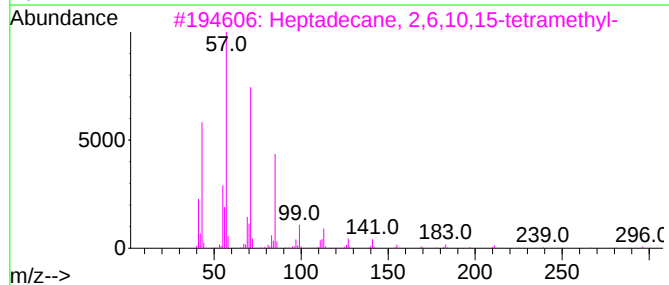
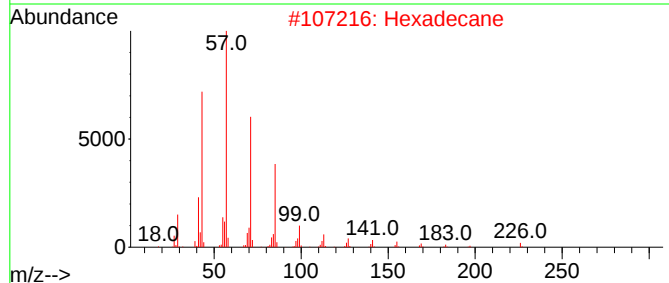
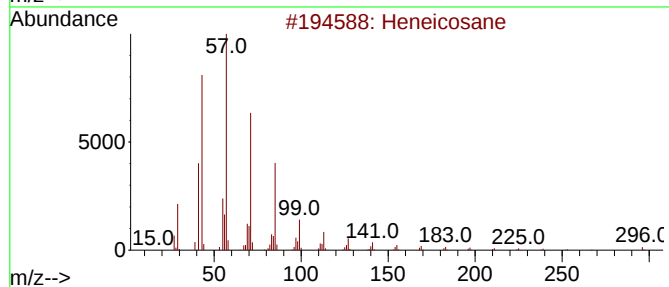
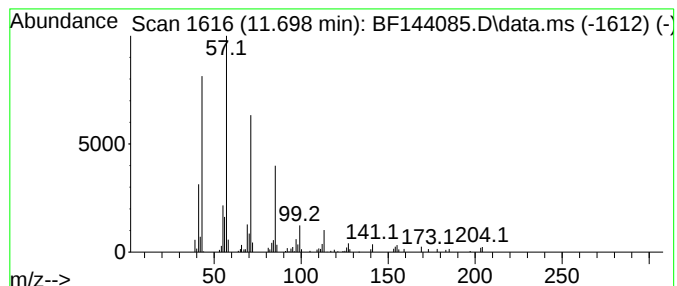
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Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 11.698 | 2.89 ng | 71904 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |      | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 91   |
| 4    |      | Octadecane                          | 254 | C18H38  | 000593-45-3 | 91   |
| 5    |      | Octacosane                          | 394 | C28H58  | 000630-02-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

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

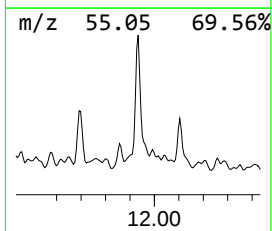
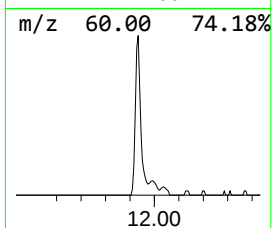
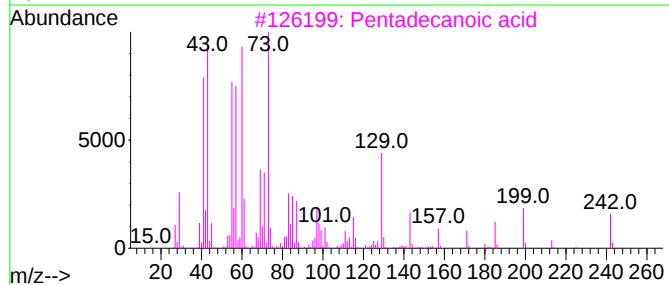
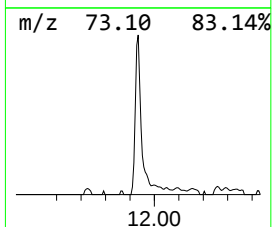
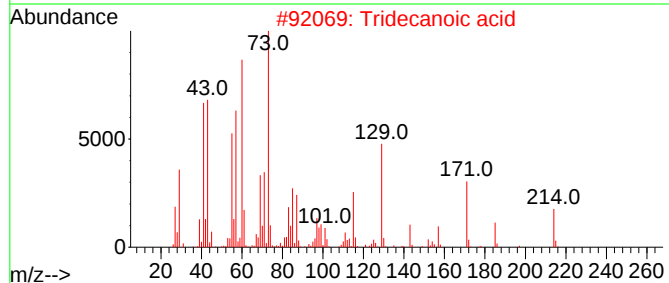
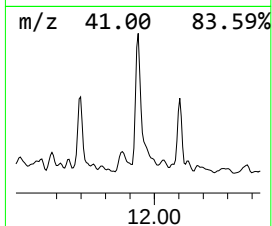
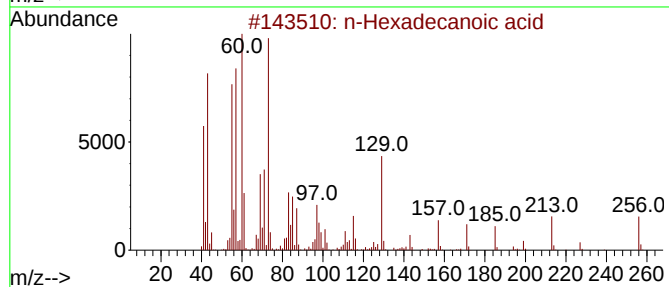
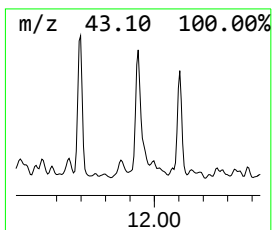
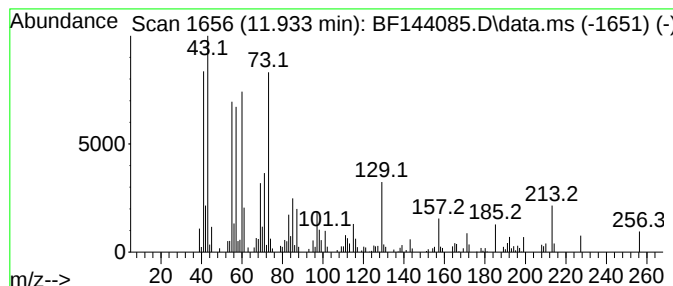
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.933 | 6.11 ng | 152153 | Phenanthrene-d10 | 11.410 |

| 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 | 87   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 68   |
| 4    |      | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 58   |
| 5    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102725\  
Data File : BF144085.D  
Acq On : 27 Oct 2025 16:03  
Operator : RC/JU  
Sample : Q3416-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-10212025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102425.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 |
| Naphthalene, 1,... | 8.663  | 2.1     | ng    | 59093    | 2                     | 8.163  | 562576 | 20.0 |
| Tridecane          | 8.745  | 3.4     | ng    | 95520    | 2                     | 8.163  | 562576 | 20.0 |
| Tetradecane        | 9.316  | 5.3     | ng    | 121490   | 3                     | 9.916  | 461403 | 20.0 |
| Naphthalene, 1,... | 9.575  | 2.8     | ng    | 64828    | 3                     | 9.916  | 461403 | 20.0 |
| Hexadecane         | 9.845  | 5.4     | ng    | 125252   | 3                     | 9.916  | 461403 | 20.0 |
| Heneicosane        | 10.345 | 6.3     | ng    | 144129   | 3                     | 9.916  | 461403 | 20.0 |
| Benzophenone       | 10.634 | 7.4     | ng    | 171420   | 3                     | 9.916  | 461403 | 20.0 |
| Hexadecane, 7-m... | 10.822 | 7.8     | ng    | 193660   | 4                     | 11.410 | 497890 | 20.0 |
| Nonadecane         | 11.269 | 4.2     | ng    | 105647   | 4                     | 11.410 | 497890 | 20.0 |
| Heptadecane, 2,... | 11.698 | 2.9     | ng    | 71904    | 4                     | 11.410 | 497890 | 20.0 |
| n-Hexadecanoic ... | 11.933 | 6.1     | ng    | 152153   | 4                     | 11.410 | 497890 | 20.0 |