

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
 Data File : BF138341.D  
 Acq On : 25 Jun 2024 18:37  
 Operator : CG\JU  
 Sample : P2997-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-06-062024

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-BF061224.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138341.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         | 5.498       | 576           | 580         | 583          | rBV      | 3085949        | 2826327       | 5.30%           | 1.369%        |
| 2         | 6.510       | 743           | 752         | 755          | rBV      | 3102127        | 2881024       | 5.41%           | 1.395%        |
| 3         | 6.887       | 811           | 816         | 819          | rBV      | 1325913        | 1223964       | 2.30%           | 0.593%        |
| 4         | 7.416       | 901           | 906         | 908          | rBV      | 595085         | 587784        | 1.10%           | 0.285%        |
| 5         | 7.445       | 908           | 911         | 914          | rVV      | 2330226        | 2018734       | 3.79%           | 0.978%        |
| 6         | 7.528       | 920           | 925         | 928          | rVB5     | 481065         | 658540        | 1.24%           | 0.319%        |
| 7         | 7.692       | 949           | 953         | 955          | rVB4     | 599316         | 734805        | 1.38%           | 0.356%        |
| 8         | 7.804       | 970           | 972         | 976          | rVV3     | 540490         | 762587        | 1.43%           | 0.369%        |
| 9         | 7.881       | 982           | 985         | 987          | rVV2     | 575356         | 594006        | 1.11%           | 0.288%        |
| 10        | 7.904       | 987           | 989         | 992          | rVV3     | 809487         | 936302        | 1.76%           | 0.453%        |
| 11        | 7.981       | 999           | 1002        | 1004         | rVV3     | 538381         | 542972        | 1.02%           | 0.263%        |
| 12        | 8.128       | 1020          | 1027        | 1028         | rVV6     | 391941         | 767010        | 1.44%           | 0.371%        |
| 13        | 8.145       | 1028          | 1030        | 1032         | rVV2     | 1797517        | 1854684       | 3.48%           | 0.898%        |
| 14        | 8.163       | 1032          | 1033        | 1036         | rVV      | 1758202        | 1629275       | 3.06%           | 0.789%        |
| 15        | 8.222       | 1039          | 1043        | 1046         | rVB3     | 922887         | 1214958       | 2.28%           | 0.588%        |
| 16        | 8.251       | 1046          | 1048        | 1055         | rBV5     | 530581         | 705166        | 1.32%           | 0.342%        |
| 17        | 8.363       | 1065          | 1067        | 1070         | rVB2     | 763262         | 655978        | 1.23%           | 0.318%        |
| 18        | 8.457       | 1078          | 1083        | 1090         | rVV5     | 970074         | 1600245       | 3.00%           | 0.775%        |
| 19        | 8.516       | 1090          | 1093        | 1095         | rVB3     | 654540         | 630324        | 1.18%           | 0.305%        |
| 20        | 8.551       | 1095          | 1099        | 1101         | rBV3     | 772829         | 926672        | 1.74%           | 0.449%        |
| 21        | 8.586       | 1101          | 1105        | 1106         | rVV3     | 787280         | 736148        | 1.38%           | 0.357%        |
| 22        | 8.669       | 1116          | 1119        | 1122         | rBV2     | 1642111        | 1331742       | 2.50%           | 0.645%        |
| 23        | 8.757       | 1131          | 1134        | 1137         | rBV2     | 2198842        | 2010890       | 3.77%           | 0.974%        |
| 24        | 8.986       | 1171          | 1173        | 1176         | rVV      | 1476756        | 1372499       | 2.58%           | 0.665%        |
| 25        | 9.039       | 1179          | 1182        | 1186         | rVV4     | 550974         | 917020        | 1.72%           | 0.444%        |
| 26        | 9.116       | 1191          | 1195        | 1199         | rVB3     | 700401         | 1134645       | 2.13%           | 0.550%        |
| 27        | 9.186       | 1204          | 1207        | 1209         | rBV3     | 1361292        | 1216096       | 2.28%           | 0.589%        |
| 28        | 9.239       | 1213          | 1216        | 1221         | rVB      | 4036616        | 3526893       | 6.62%           | 1.708%        |
| 29        | 9.322       | 1226          | 1230        | 1233         | rBV      | 3285363        | 2932210       | 5.50%           | 1.420%        |
| 30        | 9.392       | 1239          | 1242        | 1244         | rVB2     | 969749         | 849482        | 1.59%           | 0.411%        |
| 31        | 9.498       | 1258          | 1260        | 1265         | rVB3     | 426360         | 555542        | 1.04%           | 0.269%        |
| 32        | 9.557       | 1267          | 1270        | 1271         | rBV2     | 690195         | 664557        | 1.25%           | 0.322%        |
| 33        | 9.575       | 1271          | 1273        | 1275         | rVV2     | 723122         | 713132        | 1.34%           | 0.345%        |
| 34        | 9.598       | 1275          | 1277        | 1280         | rVV2     | 855544         | 716441        | 1.34%           | 0.347%        |
| 35        | 9.639       | 1280          | 1284        | 1286         | rVV4     | 1912993        | 2130895       | 4.00%           | 1.032%        |
| 36        | 9.669       | 1286          | 1289        | 1291         | rVV2     | 971691         | 1048908       | 1.97%           | 0.508%        |

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Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF061224.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 9.698  | 1291 | 1294 | 1297 | rVB2 | 982919   | 882203   | 1.66%   | 0.427%  |
| 38 | 9.786  | 1306 | 1309 | 1313 | rBV5 | 381914   | 562279   | 1.06%   | 0.272%  |
| 39 | 9.851  | 1317 | 1320 | 1323 | rVV  | 3774120  | 2996277  | 5.62%   | 1.451%  |
| 40 | 9.922  | 1329 | 1332 | 1334 | rVB  | 1579659  | 1398775  | 2.62%   | 0.677%  |
| 41 | 10.022 | 1345 | 1349 | 1353 | rVB3 | 879973   | 1083604  | 2.03%   | 0.525%  |
| 42 | 10.081 | 1356 | 1359 | 1362 | rVV3 | 558711   | 870916   | 1.63%   | 0.422%  |
| 43 | 10.110 | 1362 | 1364 | 1367 | rVV3 | 731989   | 852624   | 1.60%   | 0.413%  |
| 44 | 10.175 | 1371 | 1375 | 1378 | rVV3 | 1056553  | 1478623  | 2.77%   | 0.716%  |
| 45 | 10.204 | 1378 | 1380 | 1383 | rVB2 | 579593   | 549390   | 1.03%   | 0.266%  |
| 46 | 10.239 | 1383 | 1386 | 1392 | rBV5 | 557032   | 1230923  | 2.31%   | 0.596%  |
| 47 | 10.351 | 1402 | 1405 | 1408 | rVV  | 4113795  | 3628444  | 6.81%   | 1.757%  |
| 48 | 10.404 | 1412 | 1414 | 1420 | rVB4 | 454982   | 664014   | 1.25%   | 0.322%  |
| 49 | 10.569 | 1437 | 1442 | 1448 | rBV  | 1673348  | 2336068  | 4.38%   | 1.131%  |
| 50 | 10.651 | 1454 | 1456 | 1460 | rBV2 | 509389   | 564631   | 1.06%   | 0.273%  |
| 51 | 10.686 | 1460 | 1462 | 1464 | rBV2 | 705770   | 650257   | 1.22%   | 0.315%  |
| 52 | 10.710 | 1464 | 1466 | 1469 | rVB  | 1782822  | 1297946  | 2.44%   | 0.629%  |
| 53 | 10.828 | 1482 | 1486 | 1494 | rVB  | 4032048  | 5345077  | 10.03%  | 2.589%  |
| 54 | 11.016 | 1515 | 1518 | 1520 | rBV  | 549763   | 568598   | 1.07%   | 0.275%  |
| 55 | 11.045 | 1521 | 1523 | 1526 | rVB  | 722600   | 711239   | 1.33%   | 0.344%  |
| 56 | 11.275 | 1558 | 1562 | 1564 | rBV  | 3910898  | 3393164  | 6.37%   | 1.643%  |
| 57 | 11.304 | 1564 | 1567 | 1573 | rVB  | 2151147  | 2343587  | 4.40%   | 1.135%  |
| 58 | 11.410 | 1582 | 1585 | 1587 | rBV  | 1678347  | 1459405  | 2.74%   | 0.707%  |
| 59 | 11.698 | 1631 | 1634 | 1637 | rBV  | 3393350  | 2983559  | 5.60%   | 1.445%  |
| 60 | 11.816 | 1648 | 1654 | 1657 | rVB  | 11181769 | 15763940 | 29.58%  | 7.635%  |
| 61 | 11.863 | 1657 | 1662 | 1667 | rBV3 | 493557   | 756723   | 1.42%   | 0.367%  |
| 62 | 11.957 | 1672 | 1678 | 1682 | rVV2 | 2356773  | 3078885  | 5.78%   | 1.491%  |
| 63 | 12.110 | 1700 | 1704 | 1708 | rVV  | 3121357  | 3237562  | 6.08%   | 1.568%  |
| 64 | 12.386 | 1749 | 1751 | 1759 | rVB5 | 559748   | 923194   | 1.73%   | 0.447%  |
| 65 | 12.457 | 1760 | 1763 | 1765 | rBV3 | 537880   | 575875   | 1.08%   | 0.279%  |
| 66 | 12.539 | 1765 | 1777 | 1779 | rBV5 | 15157181 | 53287897 | 100.00% | 25.809% |
| 67 | 12.616 | 1786 | 1790 | 1792 | rBV  | 8710623  | 9712715  | 18.23%  | 4.704%  |
| 68 | 12.657 | 1793 | 1797 | 1798 | rVV  | 4772832  | 6186328  | 11.61%  | 2.996%  |
| 69 | 12.674 | 1798 | 1800 | 1805 | rVB2 | 4981433  | 4938804  | 9.27%   | 2.392%  |
| 70 | 12.733 | 1808 | 1810 | 1815 | rVB  | 1745454  | 1399766  | 2.63%   | 0.678%  |
| 71 | 12.869 | 1829 | 1833 | 1840 | rVB2 | 2611184  | 3500176  | 6.57%   | 1.695%  |
| 72 | 13.004 | 1850 | 1856 | 1859 | rBV  | 4287208  | 4854836  | 9.11%   | 2.351%  |
| 73 | 13.227 | 1890 | 1894 | 1895 | rBV  | 1846126  | 1718295  | 3.22%   | 0.832%  |
| 74 | 13.321 | 1907 | 1910 | 1912 | rVB  | 1633921  | 1412047  | 2.65%   | 0.684%  |
| 75 | 13.345 | 1912 | 1914 | 1919 | rBV3 | 651880   | 896379   | 1.68%   | 0.434%  |
| 76 | 13.474 | 1934 | 1936 | 1940 | rVB3 | 673532   | 731960   | 1.37%   | 0.355%  |

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Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

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-BF061224.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 77 | 13.569 | 1949 | 1952 | 1955 | rVB  | 1182410 | 1075647 | 2.02% | 0.521% |
| 78 | 13.892 | 2004 | 2007 | 2016 | rVB  | 1185829 | 1556226 | 2.92% | 0.754% |
| 79 | 13.986 | 2020 | 2023 | 2029 | rVB  | 1753523 | 1541028 | 2.89% | 0.746% |
| 80 | 14.051 | 2030 | 2034 | 2036 | rVV2 | 1176753 | 1377877 | 2.59% | 0.667% |
| 81 | 14.210 | 2058 | 2061 | 2068 | rVB  | 1009269 | 1136460 | 2.13% | 0.550% |
| 82 | 14.516 | 2110 | 2113 | 2116 | rBV  | 667812  | 587822  | 1.10% | 0.285% |
| 83 | 14.604 | 2126 | 2128 | 2136 | rVB2 | 551561  | 785787  | 1.47% | 0.381% |
| 84 | 15.168 | 2221 | 2224 | 2228 | rVB  | 586797  | 585817  | 1.10% | 0.284% |
| 85 | 15.527 | 2281 | 2285 | 2287 | rBV  | 679635  | 849592  | 1.59% | 0.411% |
| 86 | 15.557 | 2287 | 2290 | 2295 | rVB  | 447902  | 538705  | 1.01% | 0.261% |

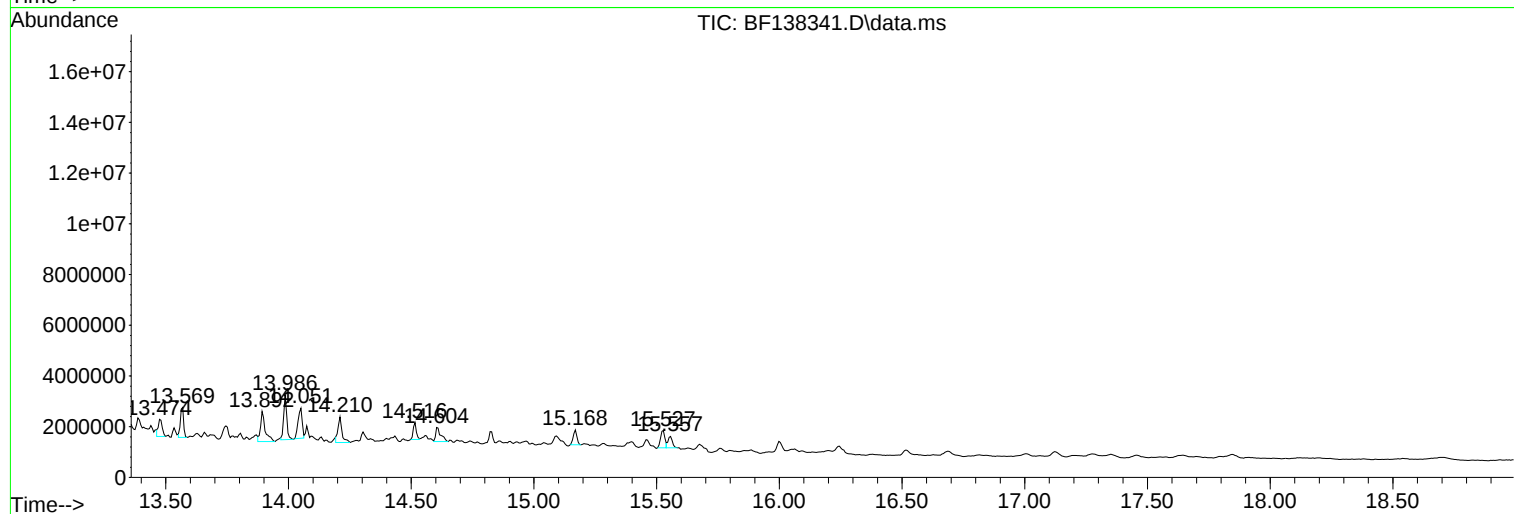
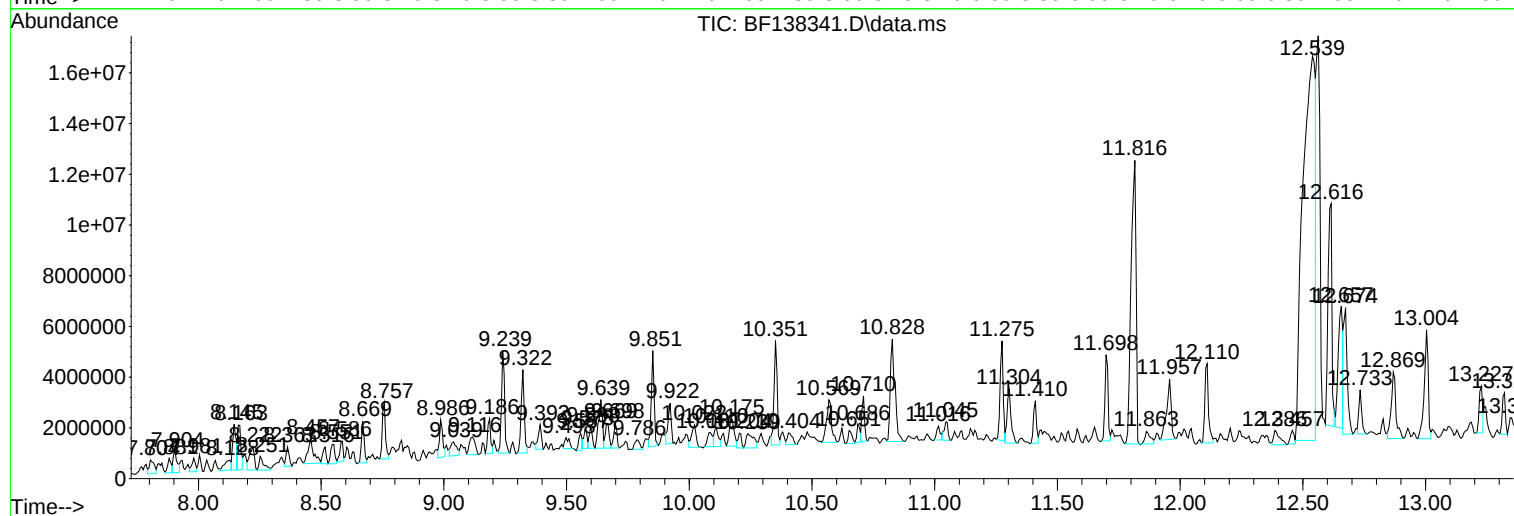
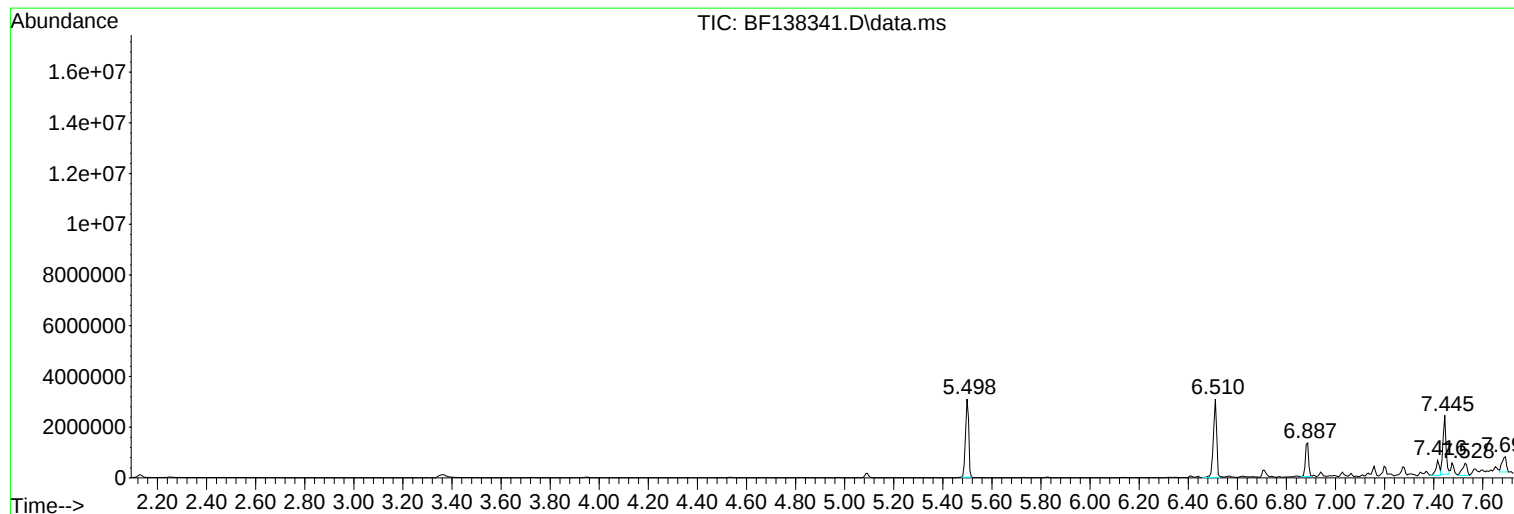
Sum of corrected areas: 206470403

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.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\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

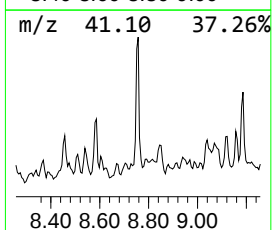
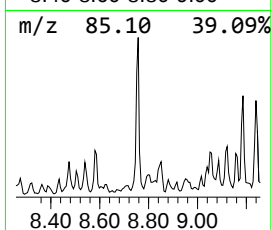
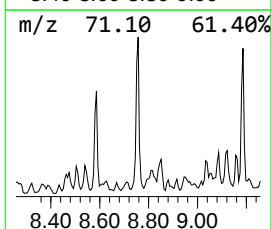
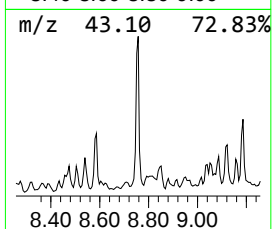
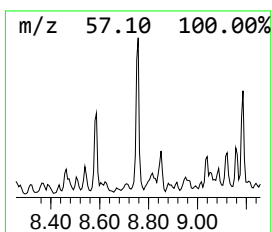
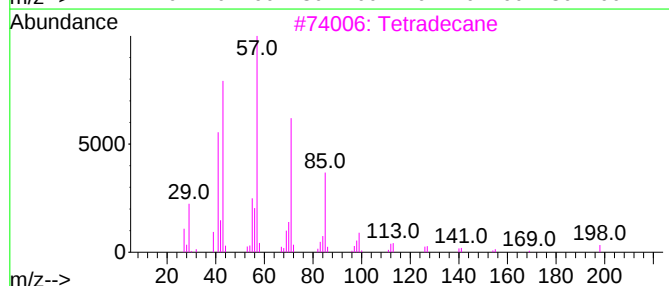
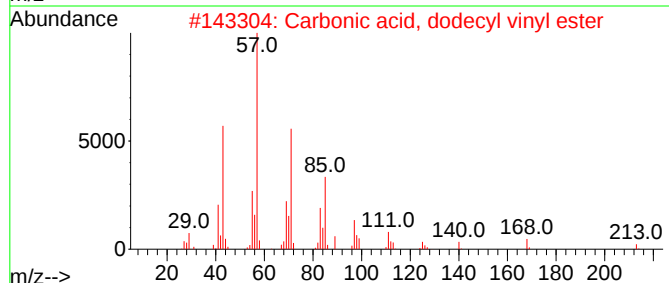
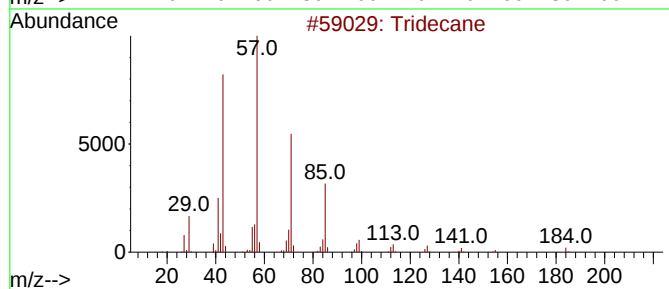
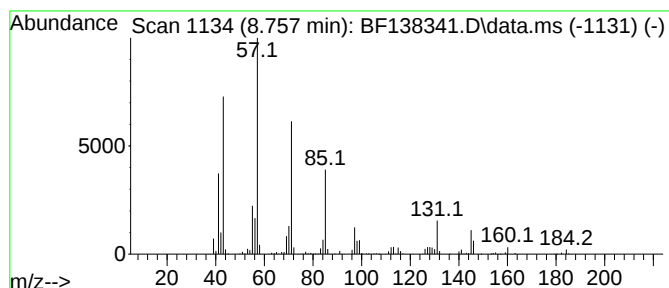
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Tridecane Concentration Rank 15

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.757 | 24.68 ng | 2010890 | Naphthalene-d8   | 8.163 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 96   |
| 2    |    |   | Carbonic acid, dodecyl vinyl ester | 256 | C15H28O3 | 1000382-54-8 | 64   |
| 3    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 64   |
| 4    |    |   | Eicosane, 10-methyl-               | 296 | C21H44   | 054833-23-7  | 59   |
| 5    |    |   | Dodecane, 2-methyl-                | 184 | C13H28   | 001560-97-0  | 58   |



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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

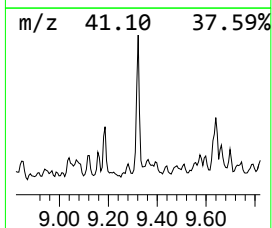
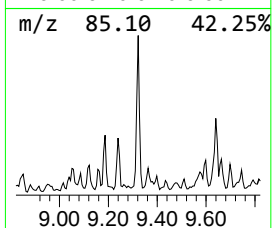
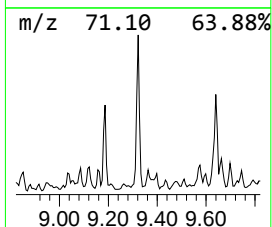
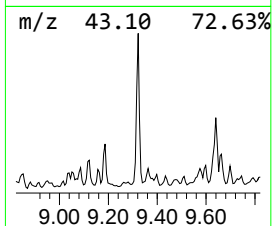
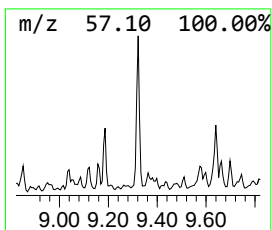
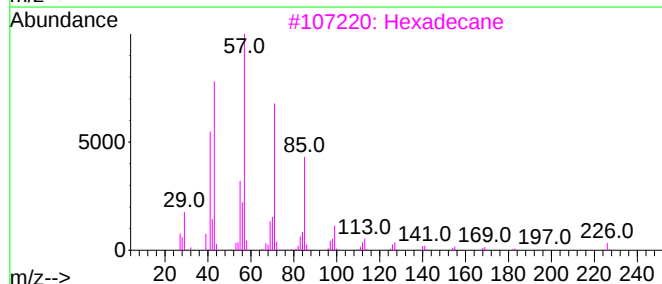
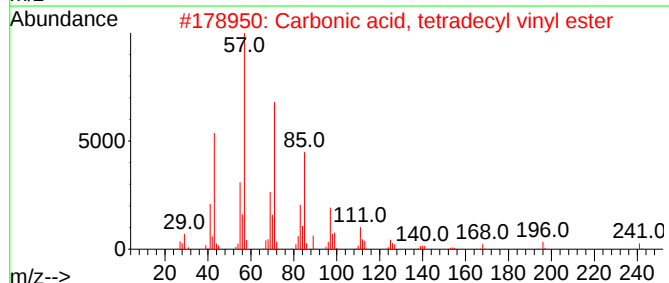
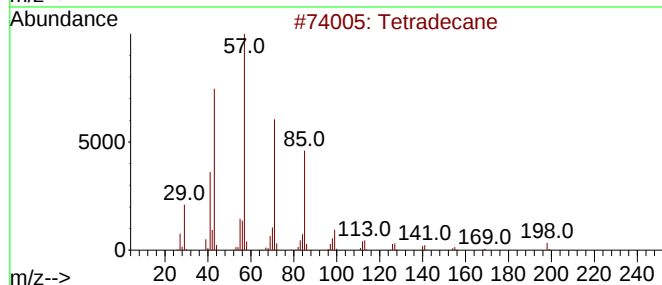
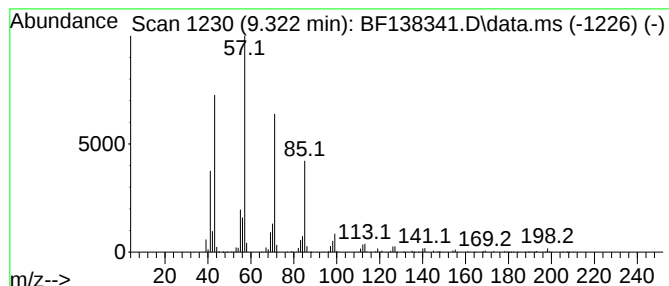
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Tetradecane Concentration Rank 9

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.322 | 41.93 ng | 2932210 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetradecane                         | 198 | C14H30   | 000629-59-4  | 91   |
| 2    |    |   | Carbonic acid, tetradecyl vinyl ... | 284 | C17H32O3 | 1000382-54-5 | 90   |
| 3    |    |   | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 90   |
| 4    |    |   | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34   | 055045-08-4  | 86   |
| 5    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 86   |



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Instrument :  
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ClientSampleId :  
TR-06-062024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

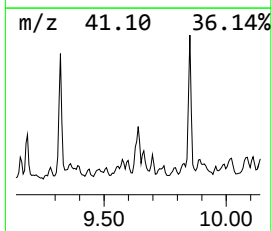
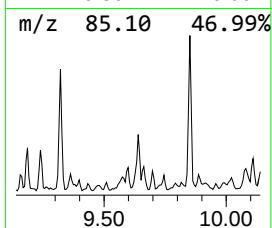
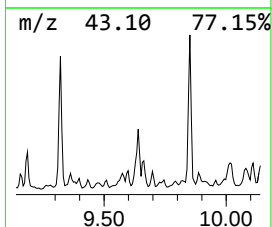
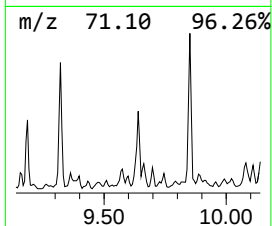
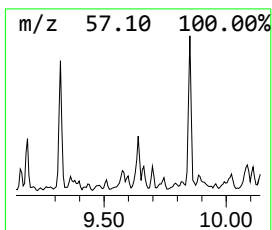
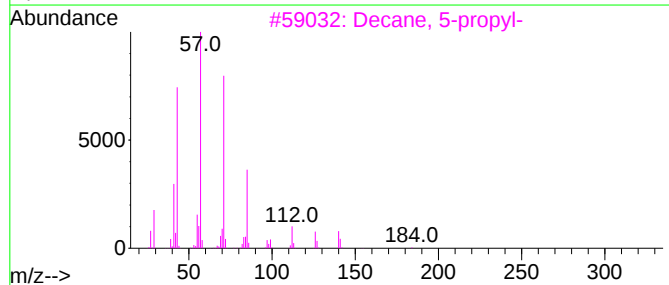
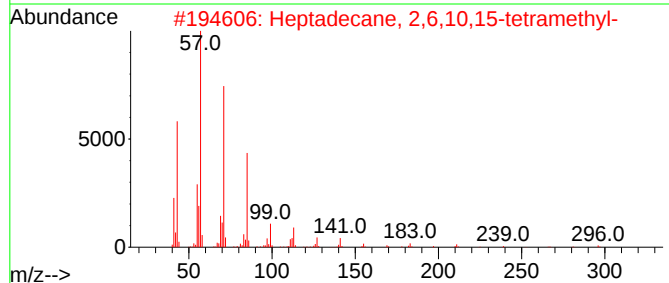
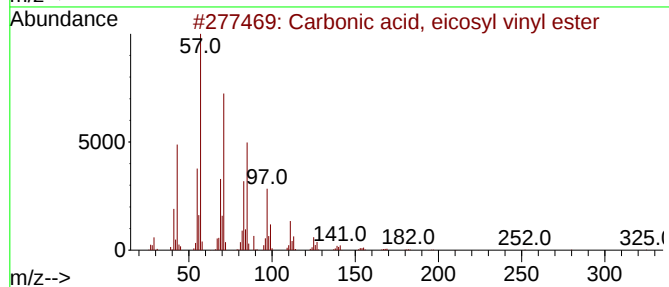
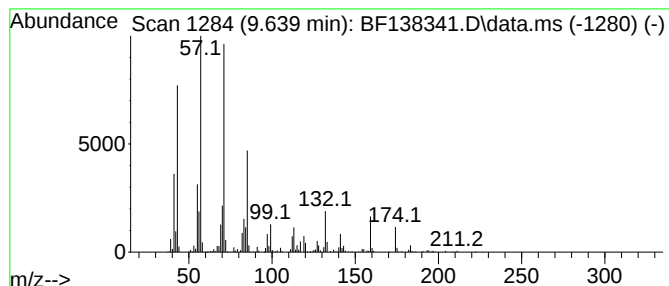
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Peak Number 3 Carbonic acid, eicosyl vinyl... Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.639 | 30.47 ng | 2130900 | Acenaphthene-d10 | 9.922 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 80   |
| 2    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 72   |
| 3    |      | Decane, 5-propyl-                   | 184 | C13H28   | 017312-62-8  | 70   |
| 4    |      | Tridecane, 5-propyl-                | 226 | C16H34   | 055045-11-9  | 64   |
| 5    |      | Undecane, 4,6-dimethyl-             | 184 | C13H28   | 017312-82-2  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

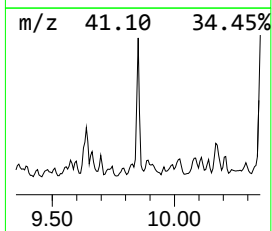
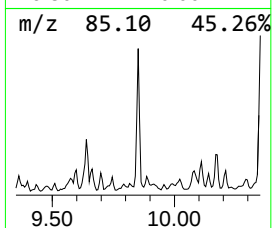
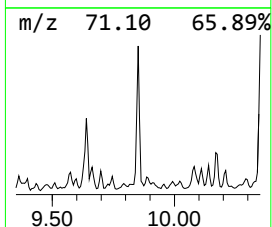
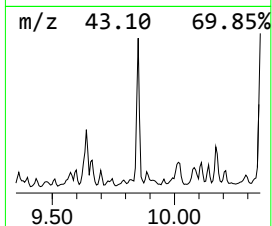
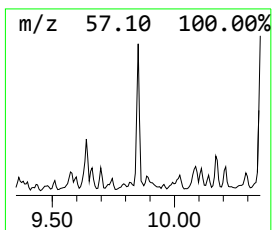
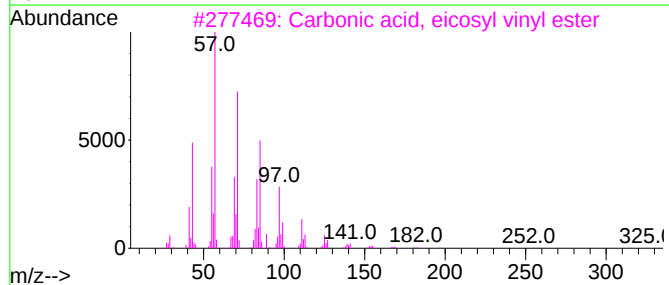
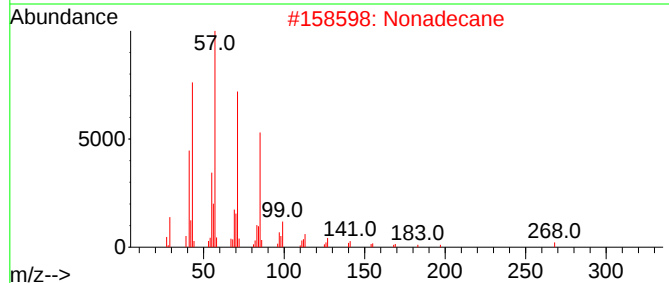
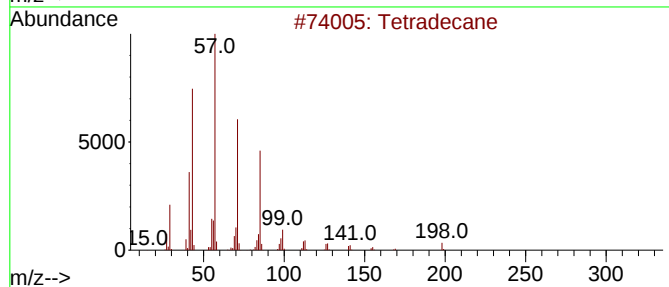
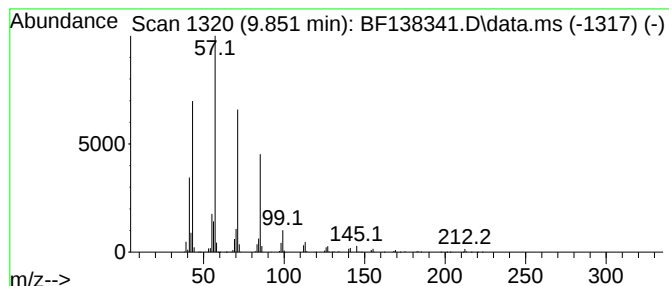
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Nonadecane Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.851 | 42.84 ng | 2996280 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 91   |
| 2    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 86   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86   |
| 4    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 76   |
| 5    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

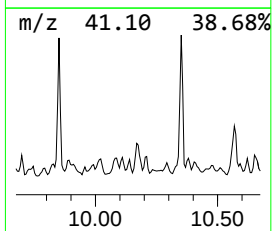
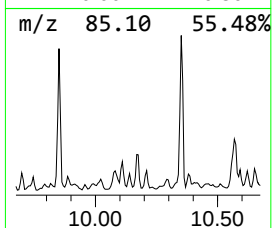
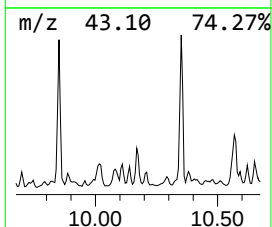
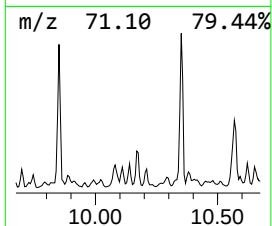
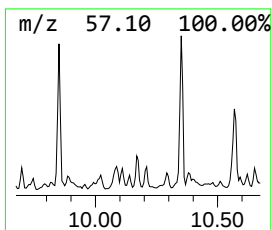
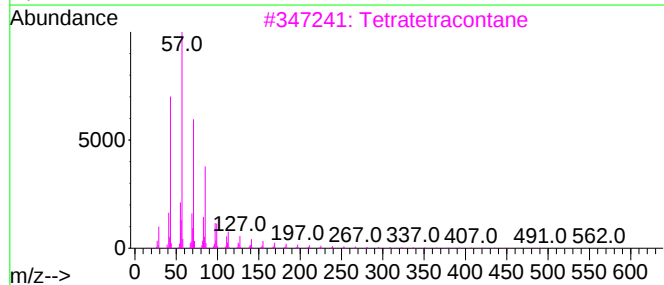
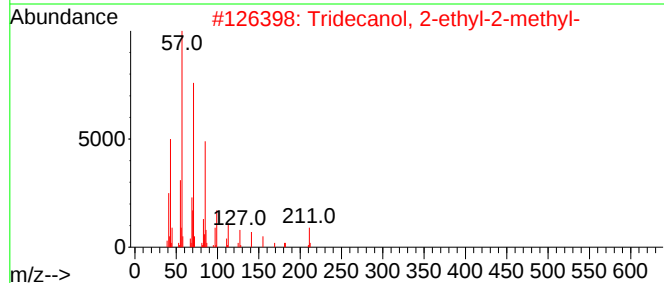
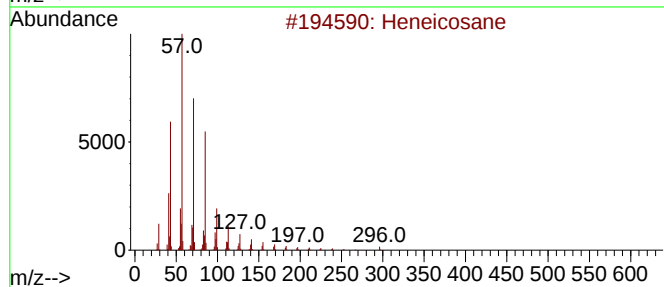
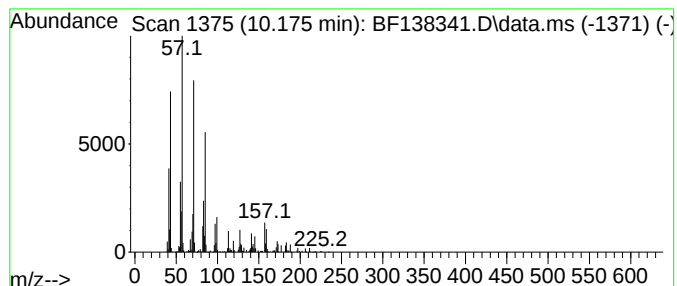
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Heneicosane Concentration Rank 18

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.175 | 21.14 ng | 1478620 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------|-----|---------|--------------|------|
| 1    |    |   | Heneicosane                   | 296 | C21H44  | 000629-94-7  | 83   |
| 2    |    |   | Tridecanol, 2-ethyl-2-methyl- | 242 | C16H34O | 1010115-66-1 | 80   |
| 3    |    |   | Tetratetracontane             | 619 | C44H90  | 007098-22-8  | 80   |
| 4    |    |   | Hexacosane                    | 366 | C26H54  | 000630-01-3  | 80   |
| 5    |    |   | Tetracosane                   | 338 | C24H50  | 000646-31-1  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

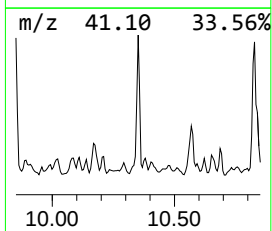
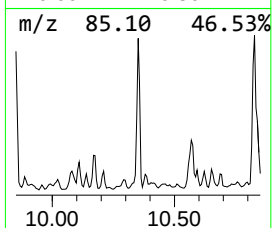
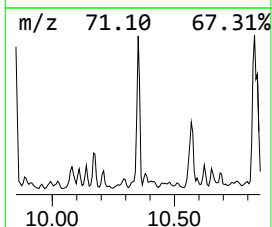
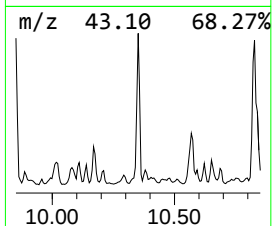
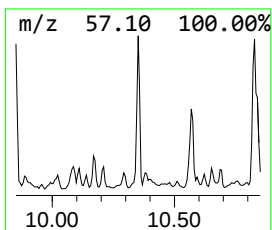
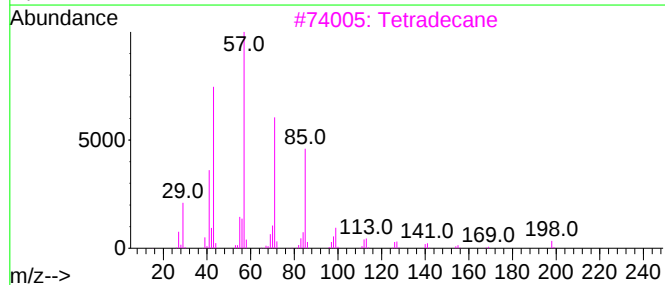
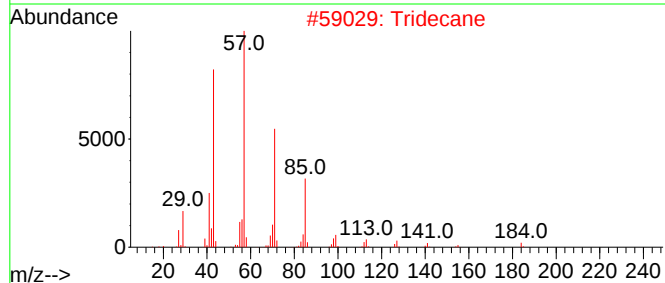
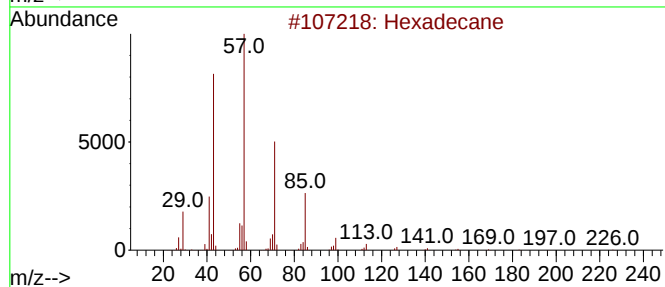
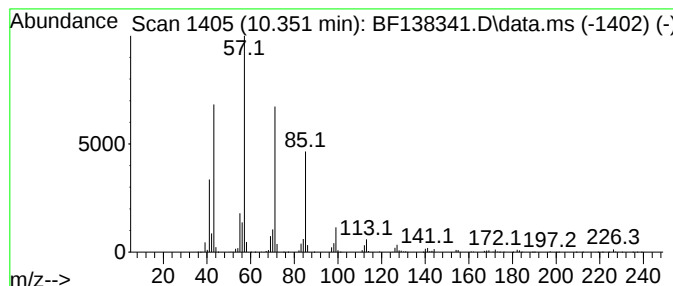
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Hexadecane Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.351 | 51.88 ng | 3628440 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                           | 226 | C16H34    | 000544-76-3  | 97   |
| 2    |    |   | Tridecane                            | 184 | C13H28    | 000629-50-5  | 90   |
| 3    |    |   | Tetradecane                          | 198 | C14H30    | 000629-59-4  | 90   |
| 4    |    |   | Sulfurous acid, 2-propyl tetradec... | 320 | C17H36O3S | 1010309-12-5 | 90   |
| 5    |    |   | Carbonic acid, eicosyl vinyl ester   | 368 | C23H44O3  | 1000382-54-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

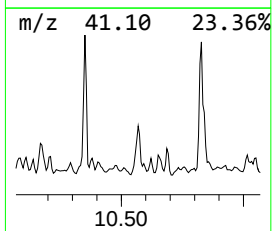
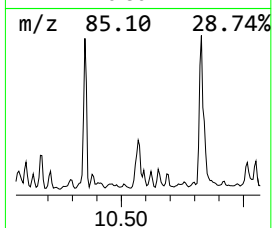
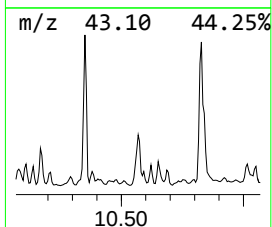
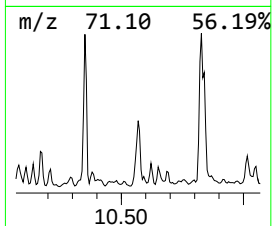
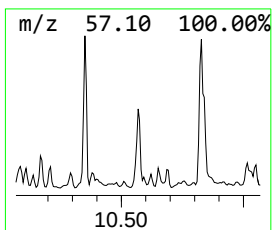
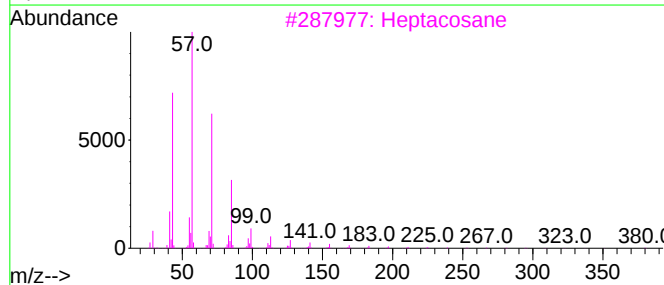
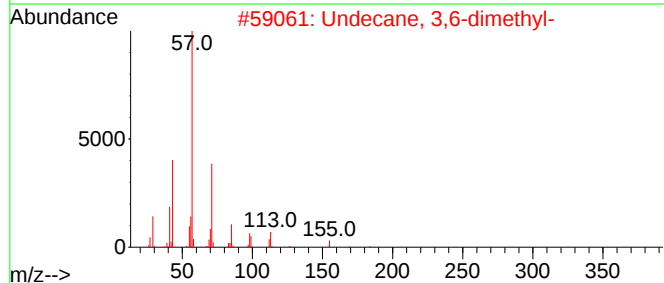
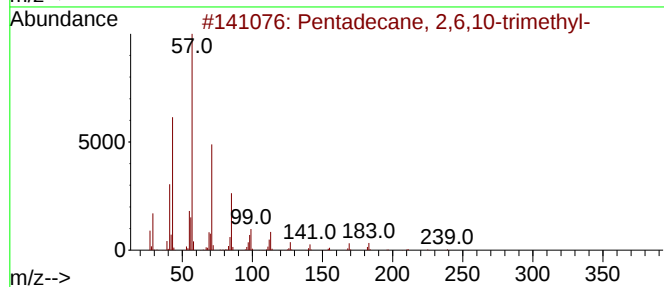
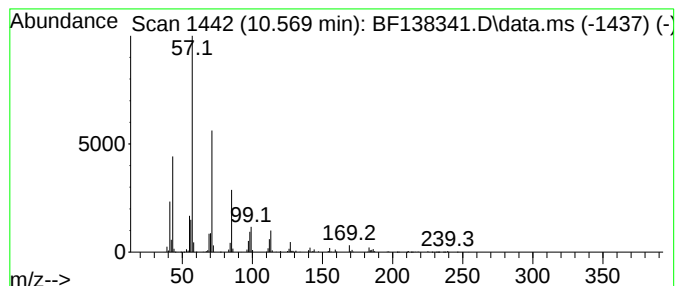
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

| R.T.      | EstConc                        | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|---------|------------------|---------|-------------|------|
| 10.569    | 33.40 ng                       | 2336070 | Acenaphthene-d10 |         | 9.922       |      |
| Hit# of 5 | Tentative ID                   |         | MW               | MolForm | CAS#        | Qual |
| 1         | Pentadecane, 2,6,10-trimethyl- |         | 254              | C18H38  | 003892-00-0 | 94   |
| 2         | Undecane, 3,6-dimethyl-        |         | 184              | C13H28  | 017301-28-9 | 81   |
| 3         | Heptacosane                    |         | 380              | C27H56  | 000593-49-7 | 80   |
| 4         | Hexadecane                     |         | 226              | C16H34  | 000544-76-3 | 80   |
| 5         | Eicosane                       |         | 282              | C20H42  | 000112-95-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

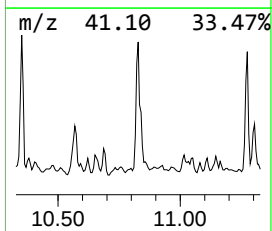
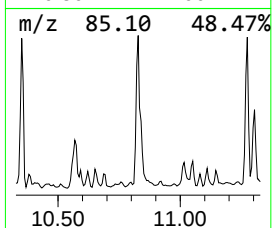
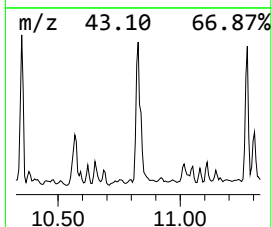
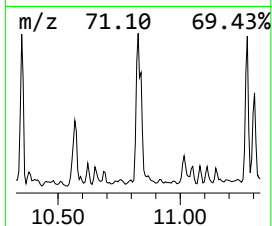
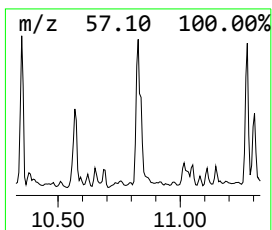
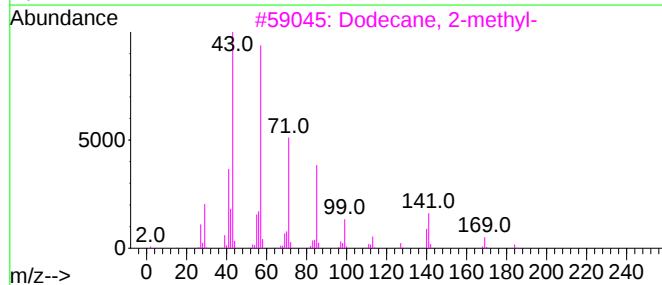
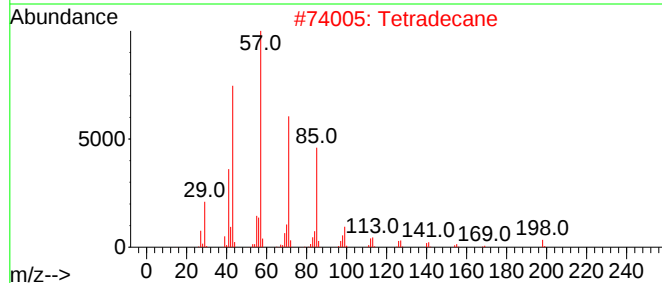
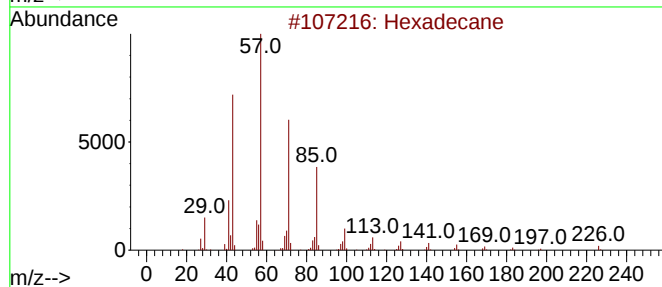
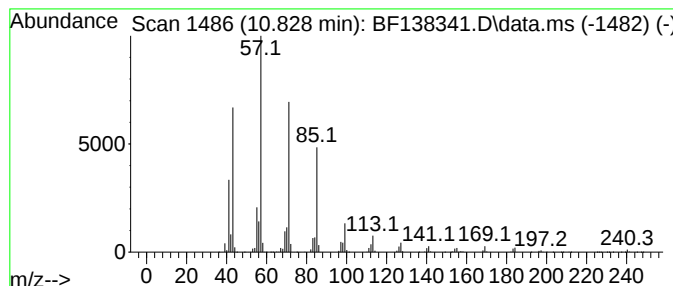
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Dodecane, 2-methyl- Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.828 | 73.25 ng | 5345080 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 91   |
| 2    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 91   |
| 3    |    |   | Dodecane, 2-methyl-                | 184 | C13H28   | 001560-97-0  | 91   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 91   |
| 5    |    |   | Heptadecane                        | 240 | C17H36   | 000629-78-7  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

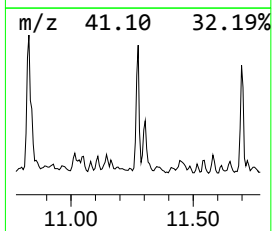
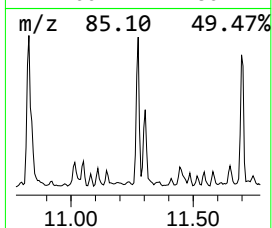
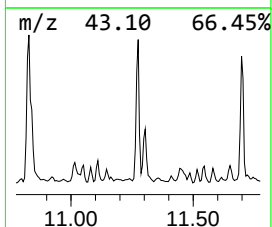
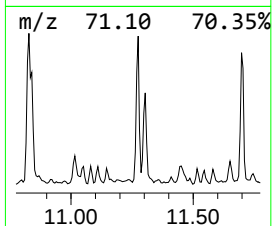
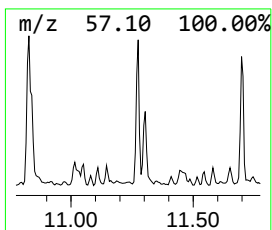
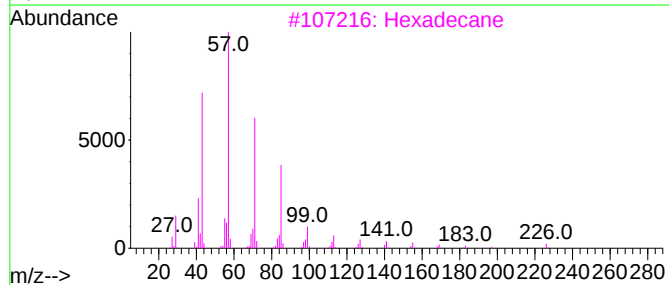
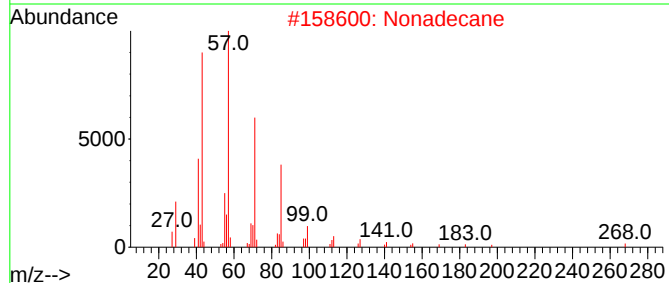
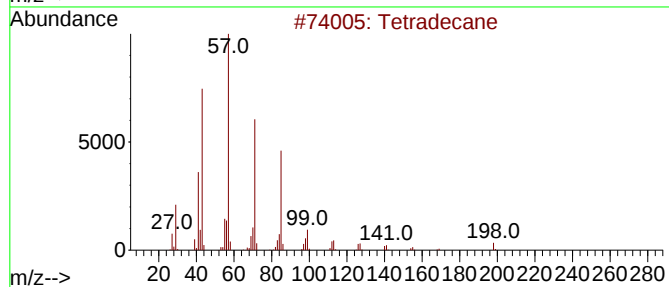
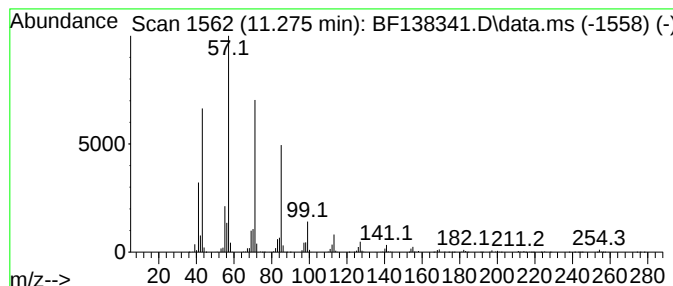
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 unknown11.275 Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.275 | 46.50 ng | 3393160 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 91   |
| 2    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 91   |
| 3    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 90   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 90   |
| 5    |    |   | Heneicosane                        | 296 | C21H44   | 000629-94-7  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

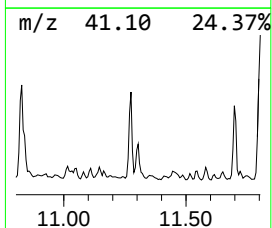
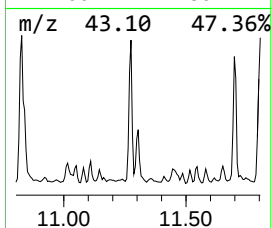
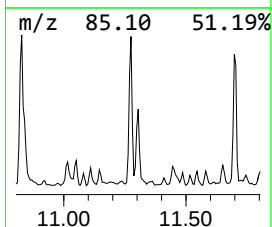
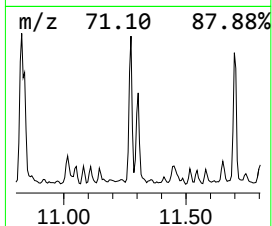
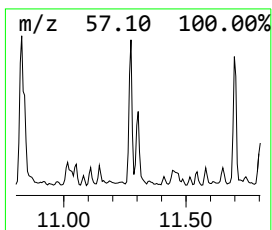
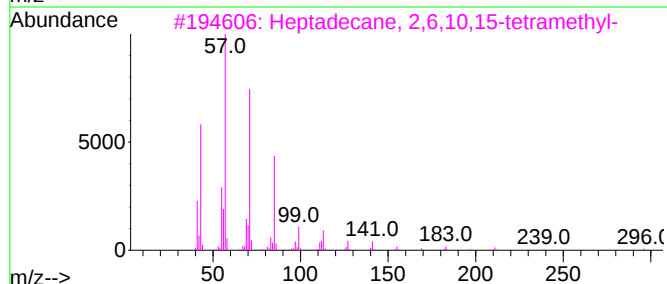
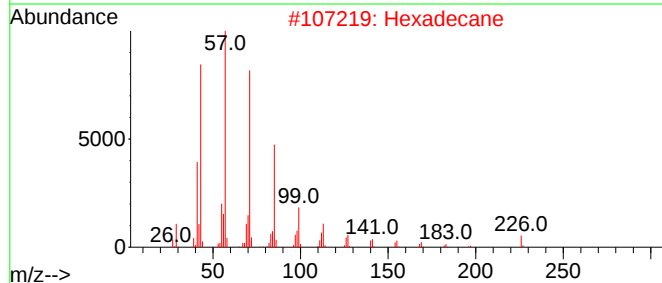
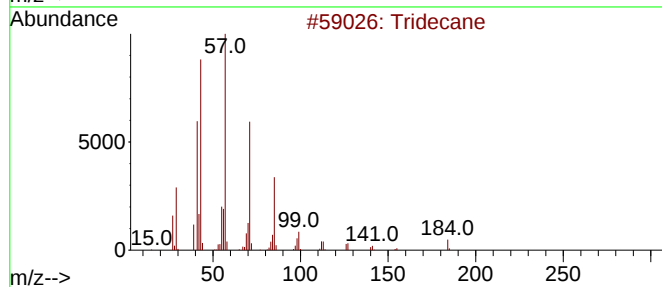
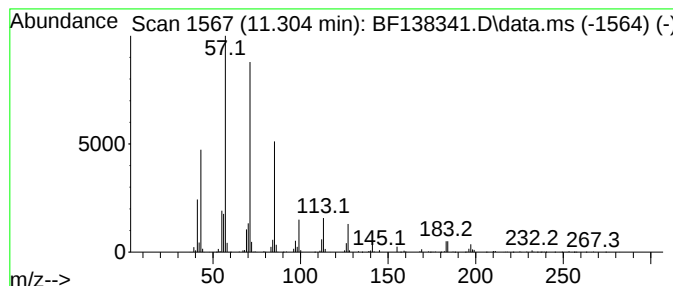
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.      | EstConc                             | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|---------|-------------|------|
| 11.304    | 32.12 ng                            | 2343590 | 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 | 87   |
| 3         | Heptadecane, 2,6,10,15-tetramethyl- |         | 296              | C21H44  | 054833-48-6 | 86   |
| 4         | Hexadecane, 2,6,10,14-tetramethyl-  |         | 282              | C20H42  | 000638-36-8 | 83   |
| 5         | Undecane, 3,8-dimethyl-             |         | 184              | C13H28  | 017301-30-3 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

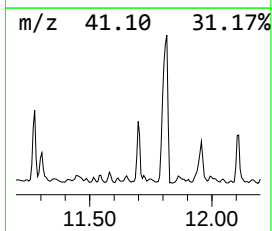
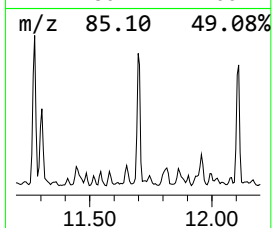
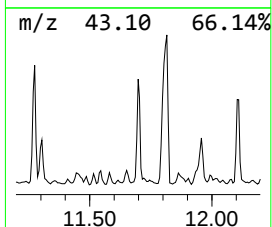
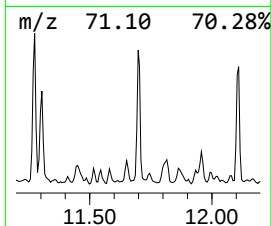
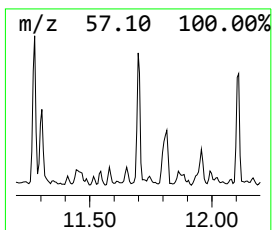
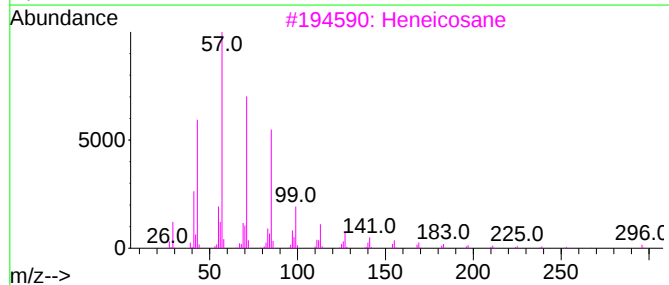
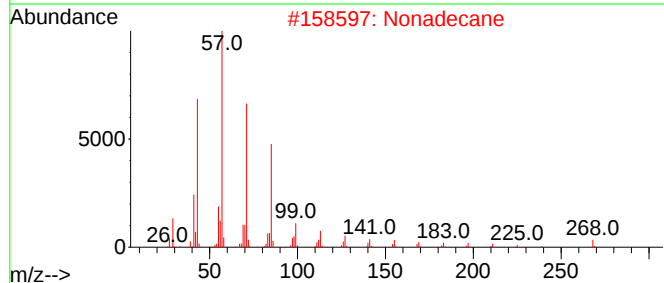
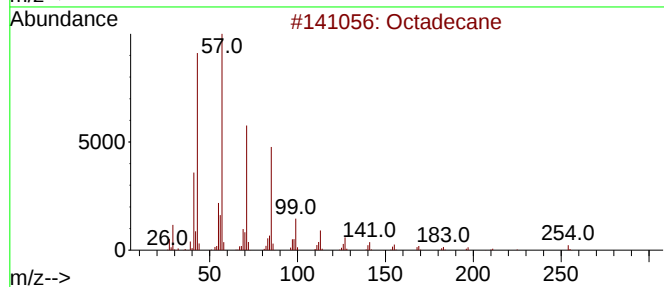
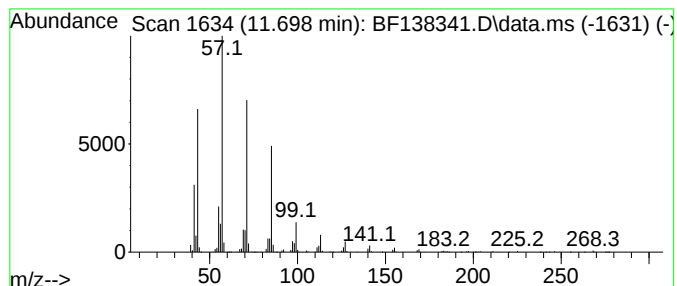
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Octadecane Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.698 | 40.89 ng | 2983560 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Octadecane   | 254 | C18H38  | 000593-45-3 | 91   |
| 2    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

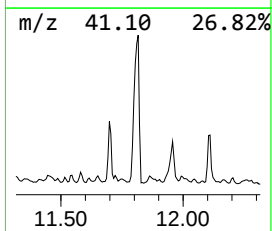
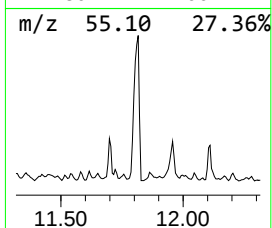
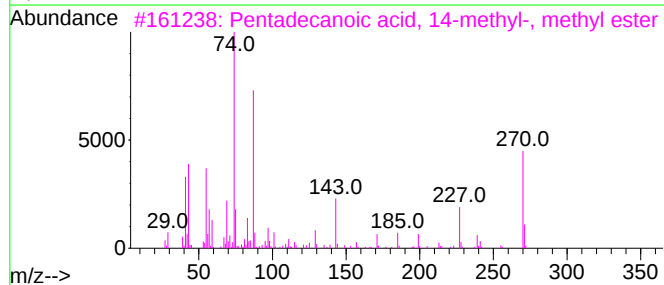
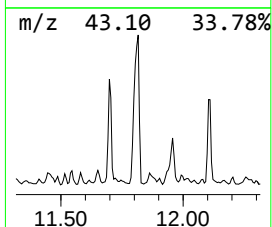
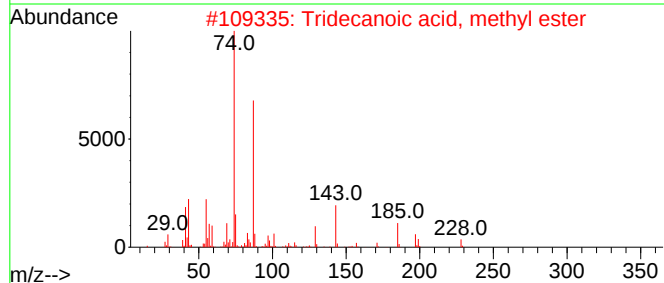
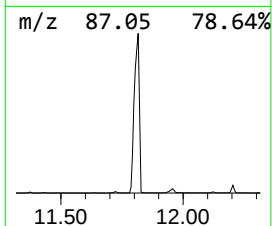
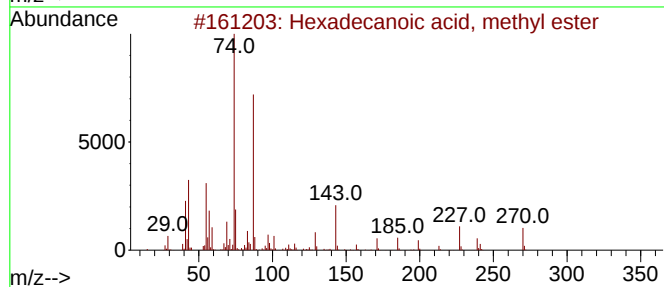
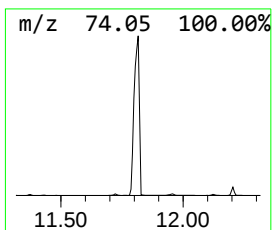
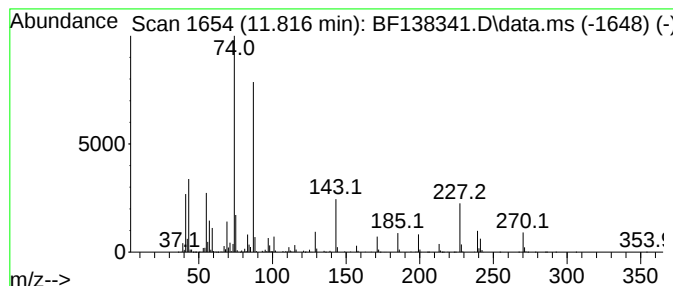
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 2

| R.T.      | EstConc                             | Area     | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|----------|------------------|-------------|------|
| 11.816    | 216.03 ng                           | 15763900 | Phenanthrene-d10 | 11.410      |      |
| Hit# of 5 | Tentative ID                        | MW       | MolForm          | CAS#        | Qual |
| 1         | Hexadecanoic acid, methyl ester     | 270      | C17H34O2         | 000112-39-0 | 98   |
| 2         | Tridecanoic acid, methyl ester      | 228      | C14H28O2         | 001731-88-0 | 96   |
| 3         | Pentadecanoic acid, 14-methyl-, ... | 270      | C17H34O2         | 005129-60-2 | 93   |
| 4         | Methyl tetradecanoate               | 242      | C15H30O2         | 000124-10-7 | 90   |
| 5         | Hexadecanoic acid, 2-methyl-        | 270      | C17H34O2         | 027147-71-3 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

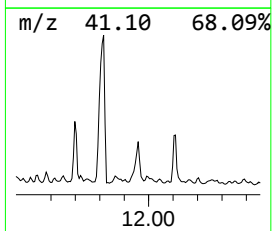
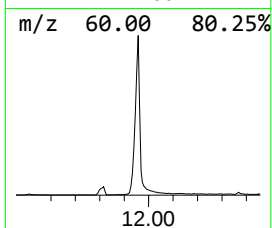
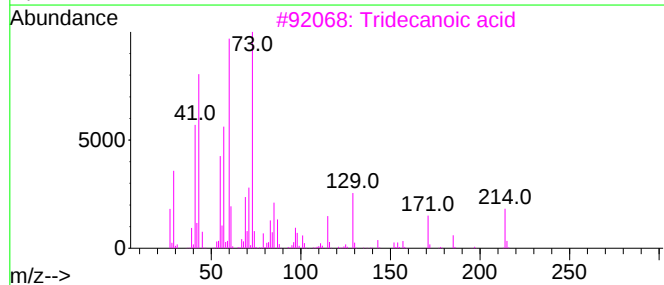
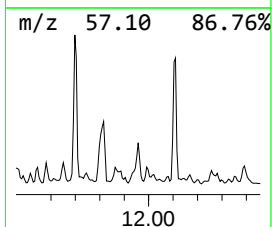
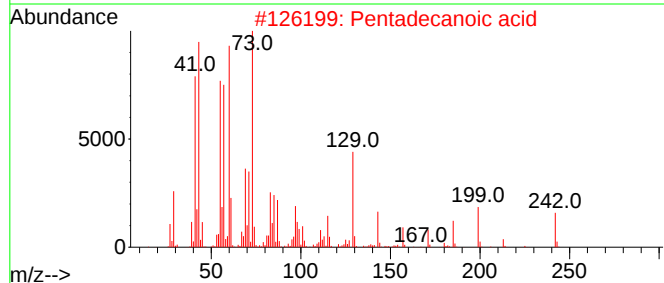
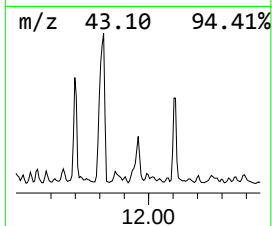
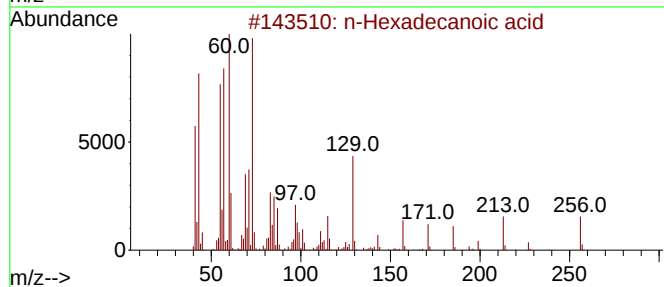
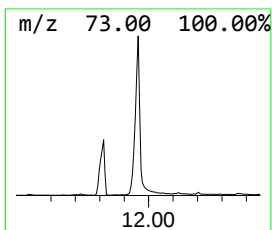
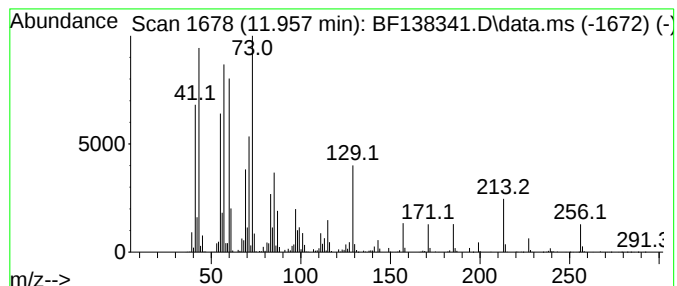
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 n-Hexadecanoic acid Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.957 | 42.19 ng | 3078890 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|------|-----------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid   | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Pentadecanoic acid    | 242 | C15H30O2 | 001002-84-2 | 81   |
| 3    |      | Tridecanoic acid      | 214 | C13H26O2 | 000638-53-9 | 81   |
| 4    |      | n-Decanoic acid       | 172 | C10H20O2 | 000334-48-5 | 76   |
| 5    |      | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

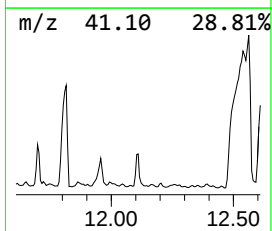
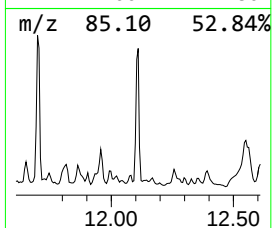
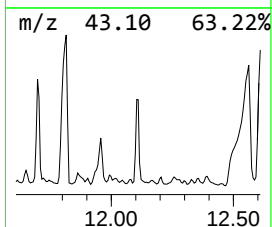
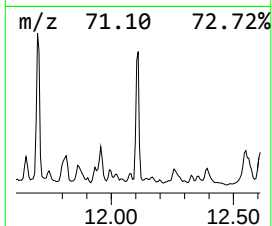
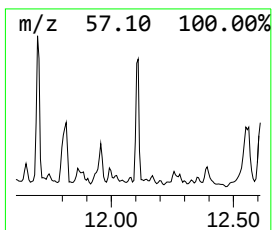
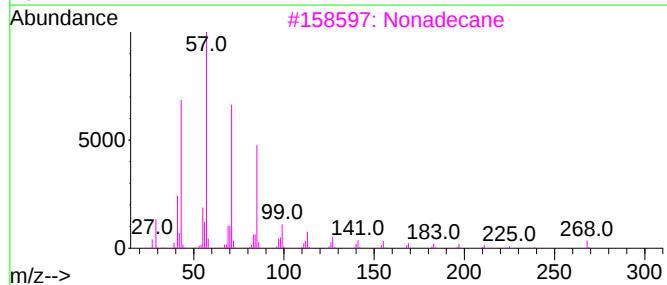
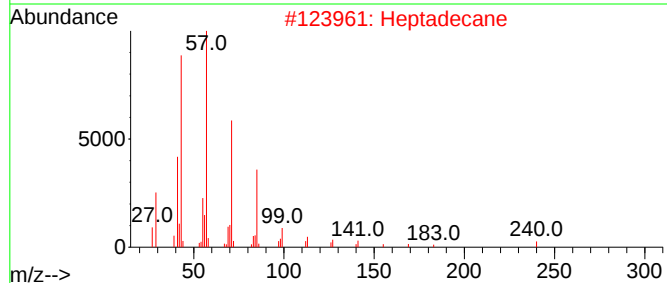
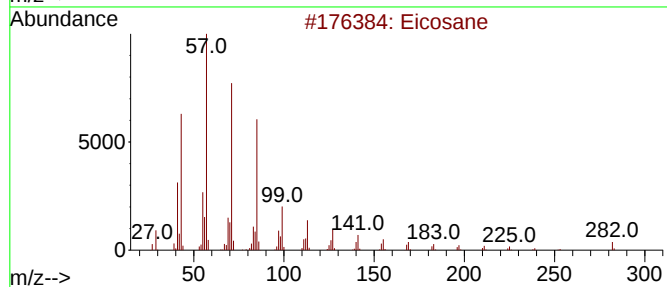
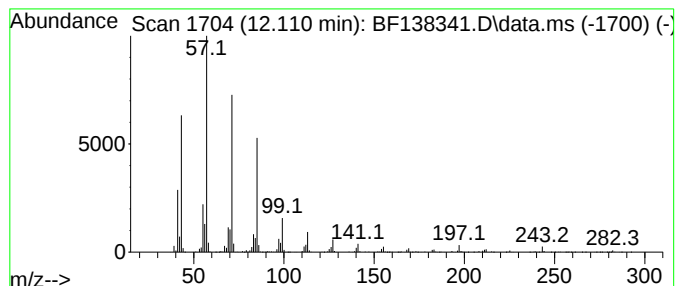
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Eicosane Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.110 | 44.37 ng | 3237560 | Phenanthrene-d10 | 11.410 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Eicosane                     | 282 | C20H42  | 000112-95-8 | 97   |
| 2    |      | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 95   |
| 3    |      | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 91   |
| 4    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 90   |
| 5    |      | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

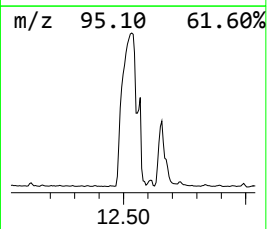
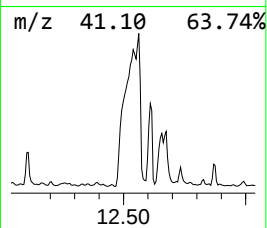
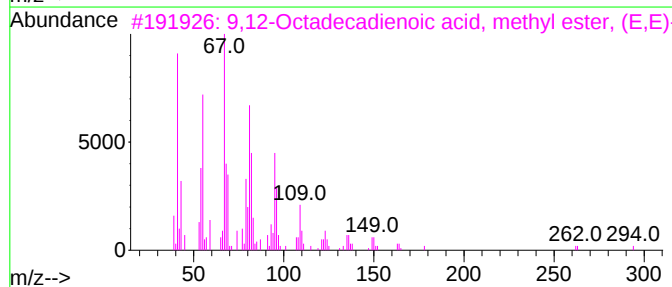
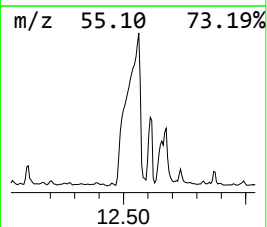
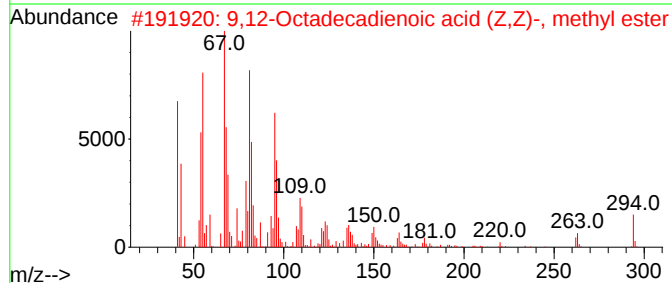
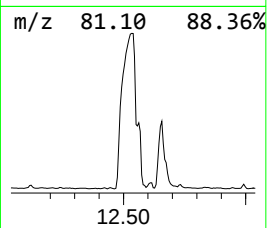
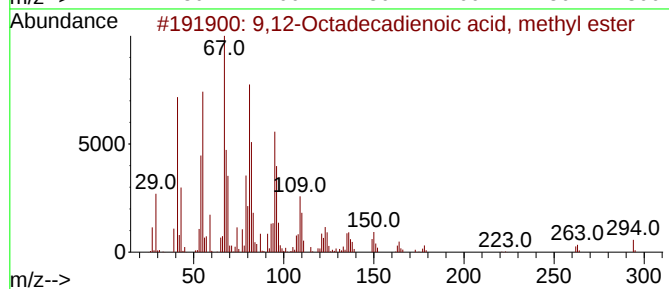
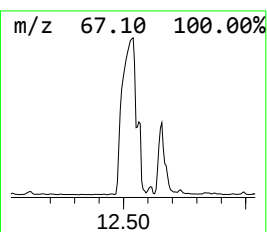
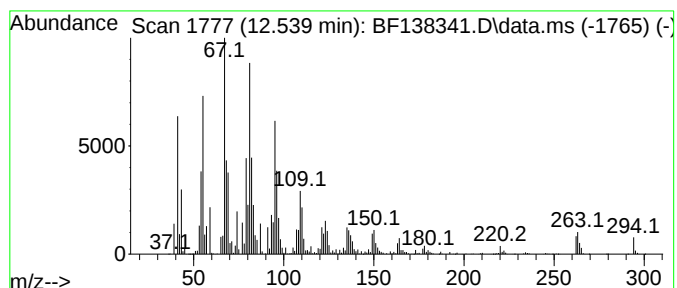
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.   | EstConc   | Area                                | Relative to ISTD | R.T.           |
|--------|-----------|-------------------------------------|------------------|----------------|
| 12.539 | 730.27 ng | 53287900                            | Phenanthrene-d10 | 11.410         |
| Hit#   | of 5      | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1      |           | 9,12-Octadecadienoic acid, methy... | 294 C19H34O2     | 002462-85-3 99 |
| 2      |           | 9,12-Octadecadienoic acid (Z,Z)-... | 294 C19H34O2     | 000112-63-0 99 |
| 3      |           | 9,12-Octadecadienoic acid, methy... | 294 C19H34O2     | 002566-97-4 99 |
| 4      |           | Methyl 9-cis,11-trans-octadecadi... | 294 C19H34O2     | 013058-52-1 99 |
| 5      |           | 10,13-Octadecadienoic acid, meth... | 294 C19H34O2     | 056554-62-2 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

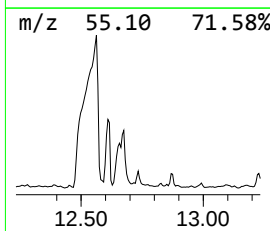
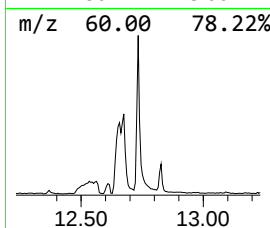
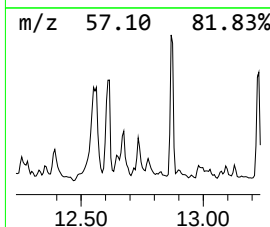
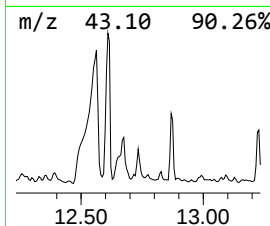
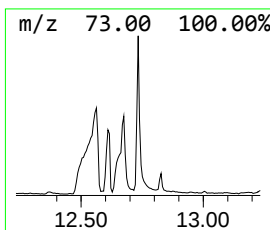
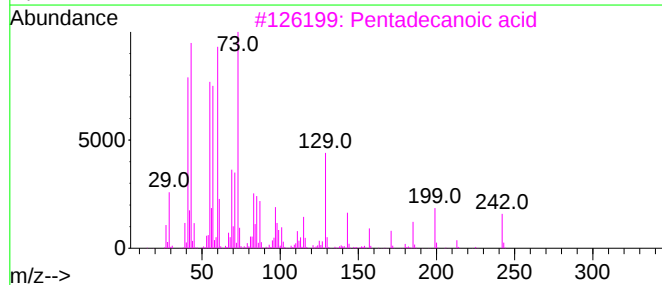
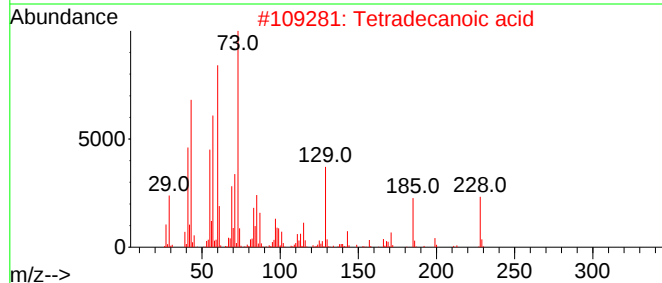
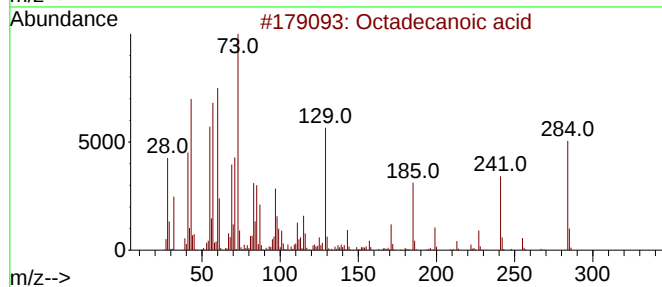
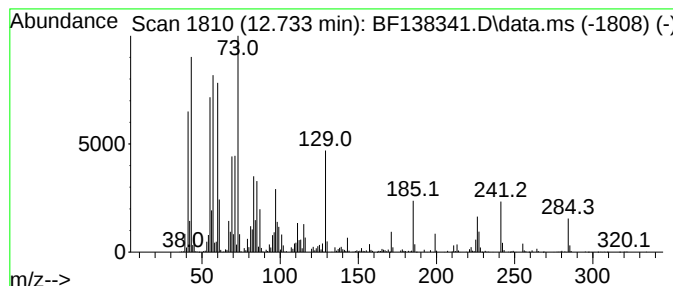
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Octadecanoic acid Concentration Rank 20

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.733 | 20.32 ng | 1399770 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 3    |    |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 64   |
| 5    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

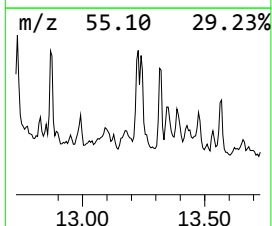
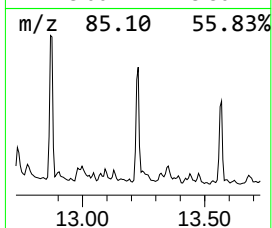
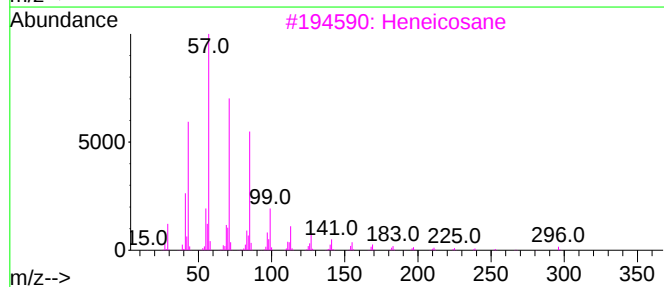
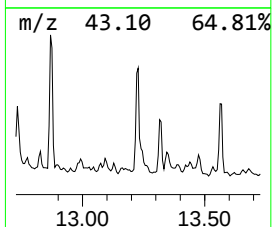
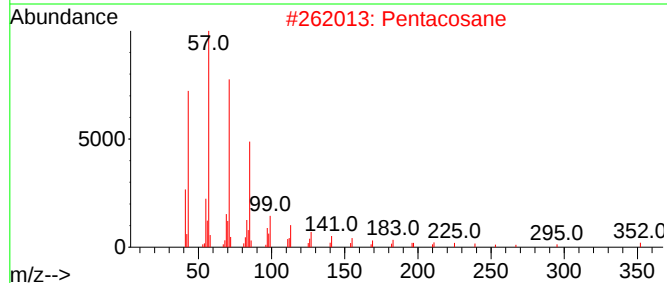
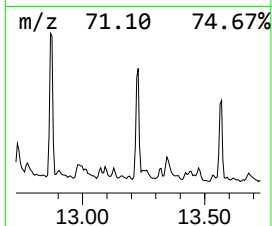
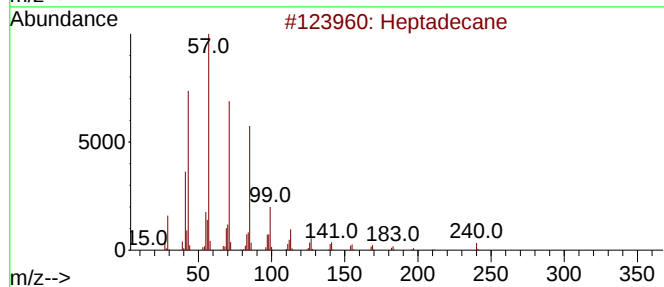
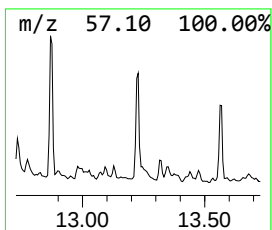
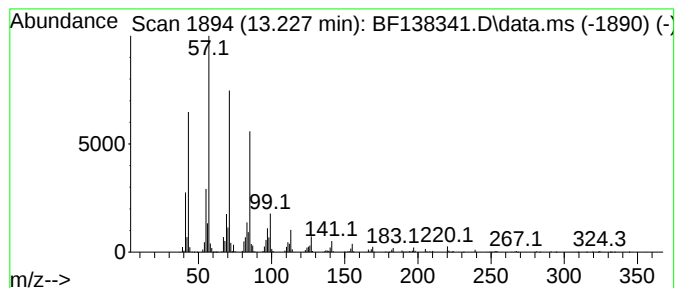
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Heptadecane Concentration Rank 14

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.227 | 24.94 ng | 1718300 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------|-----|----------|-------------|------|
| 1    |    |   | Heptadecane      | 240 | C17H36   | 000629-78-7 | 91   |
| 2    |    |   | Pentacosane      | 352 | C25H52   | 000629-99-2 | 91   |
| 3    |    |   | Heneicosane      | 296 | C21H44   | 000629-94-7 | 91   |
| 4    |    |   | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 91   |
| 5    |    |   | Eicosane         | 282 | C20H42   | 000112-95-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

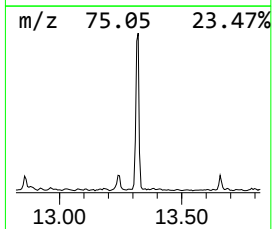
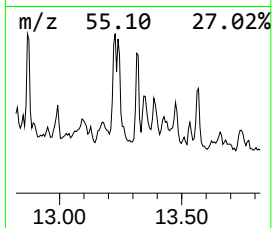
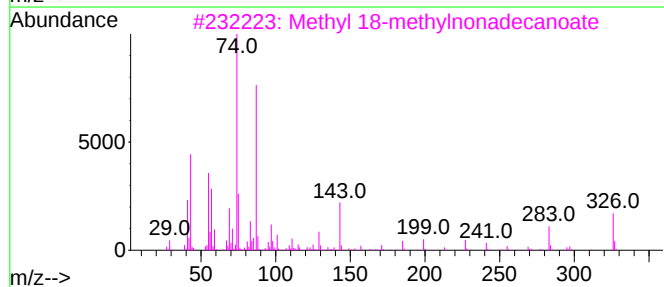
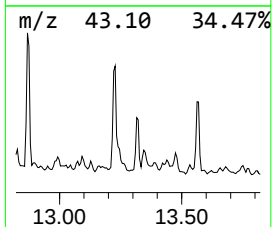
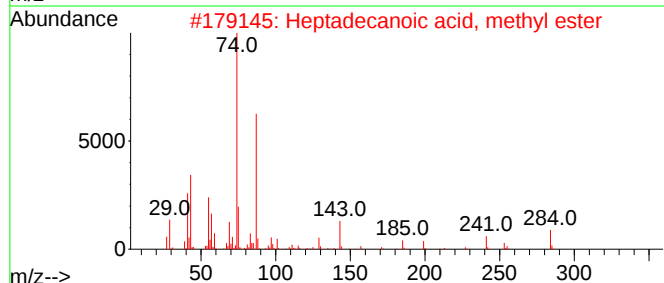
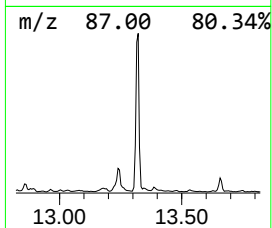
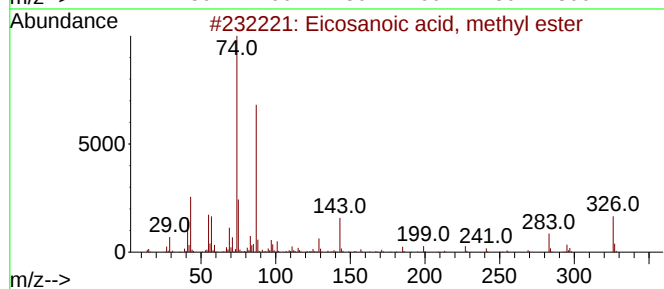
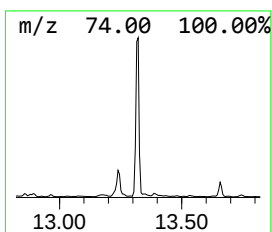
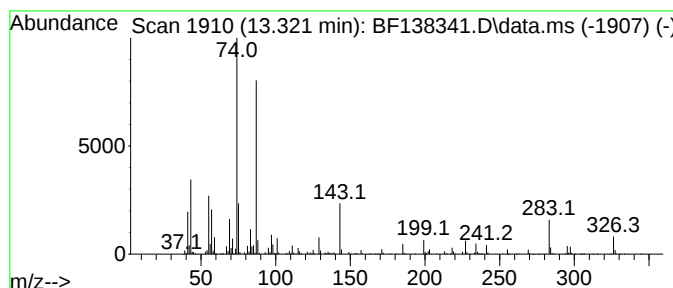
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 19

| R.T.      | EstConc                          | Area    | Relative to ISTD |          | R.T.         |      |
|-----------|----------------------------------|---------|------------------|----------|--------------|------|
| 13.322    | 20.50 ng                         | 1412050 | Chrysene-d12     |          | 14.051       |      |
| Hit# of 5 | Tentative ID                     |         | MW               | MolForm  | CAS#         | Qual |
| 1         | Eicosanoic acid, methyl ester    |         | 326              | C21H42O2 | 001120-28-1  | 98   |
| 2         | Heptadecanoic acid, methyl ester |         | 284              | C18H36O2 | 001731-92-6  | 91   |
| 3         | Methyl 18-methylnonadecanoate    |         | 326              | C21H42O2 | 1000424-52-4 | 91   |
| 4         | Hexadecanoic acid, methyl ester  |         | 270              | C17H34O2 | 000112-39-0  | 87   |
| 5         | Methyl stearate                  |         | 298              | C19H38O2 | 000112-61-8  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

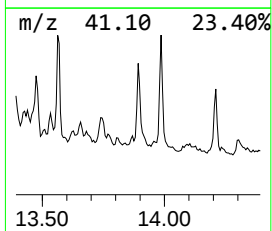
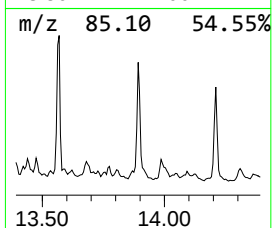
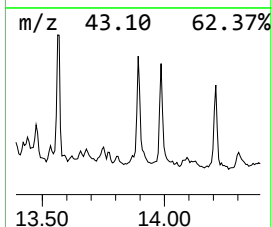
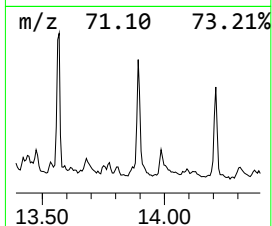
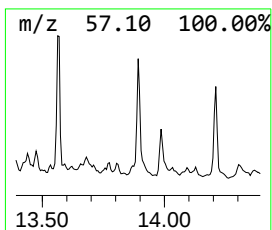
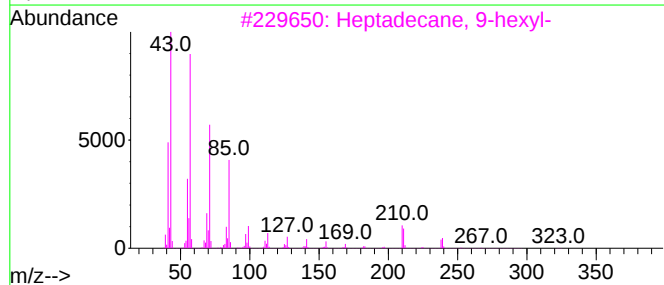
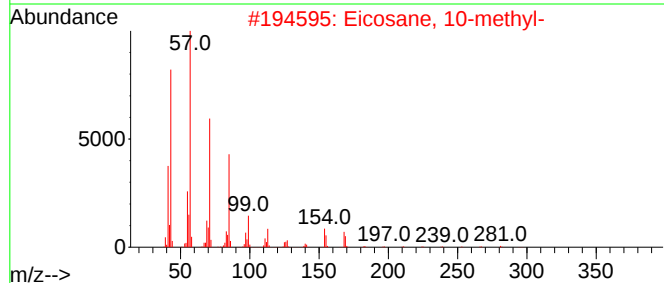
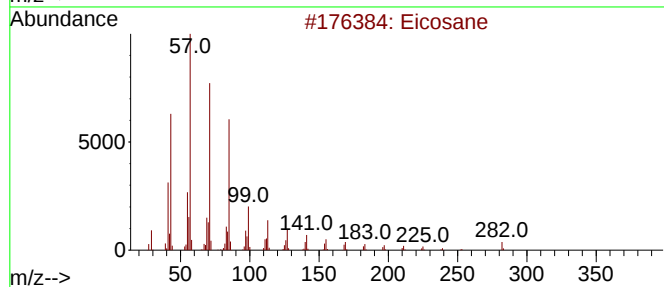
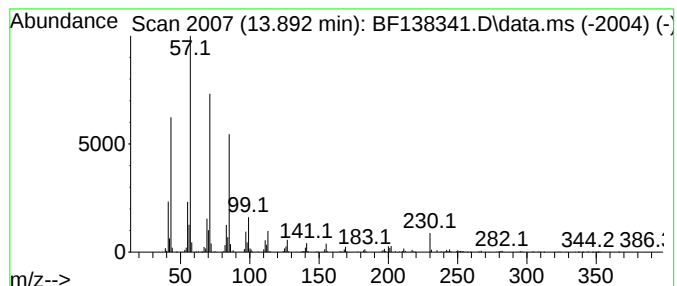
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Eicosane, 10-methyl- Concentration Rank 16

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.892 | 22.59 ng | 1556230 | Chrysene-d12     | 14.051 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Eicosane              | 282 | C20H42  | 000112-95-8 | 96   |
| 2    |      | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 93   |
| 3    |      | Heptadecane, 9-hexyl- | 324 | C23H48  | 055124-79-3 | 93   |
| 4    |      | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

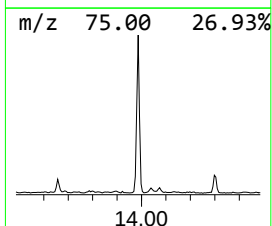
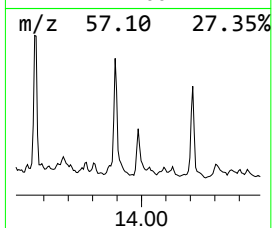
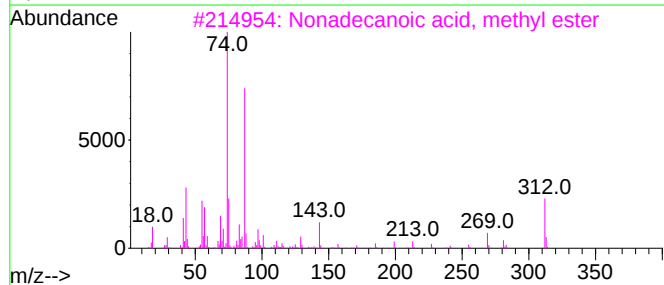
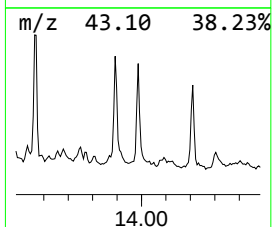
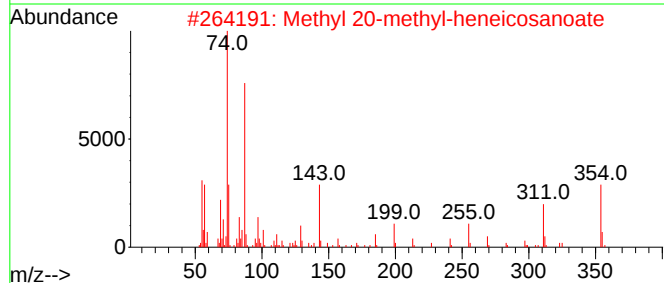
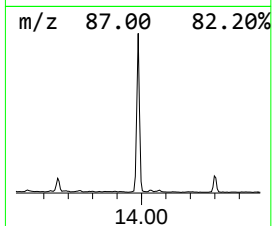
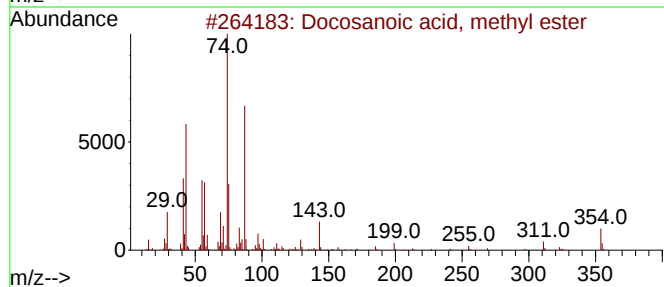
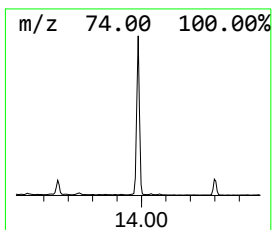
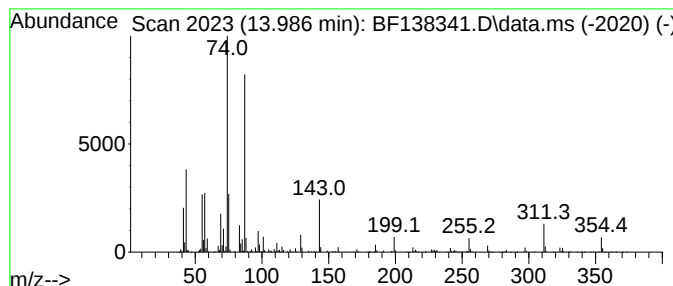
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 17

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.986 | 22.37 ng | 1541030 | Chrysene-d12     | 14.051 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#         | Qual |
|------|----|---|---------------------------------|-----|----------|--------------|------|
| 1    |    |   | Docosanoic acid, methyl ester   | 354 | C23H46O2 | 000929-77-1  | 99   |
| 2    |    |   | Methyl 20-methyl-heneicosanoate | 354 | C23H46O2 | 1000336-47-4 | 98   |
| 3    |    |   | Nonadecanoic acid, methyl ester | 312 | C20H40O2 | 001731-94-8  | 93   |
| 4    |    |   | Eicosanoic acid, methyl ester   | 326 | C21H42O2 | 001120-28-1  | 93   |
| 5    |    |   | Methyl stearate                 | 298 | C19H38O2 | 000112-61-8  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062524\  
Data File : BF138341.D  
Acq On : 25 Jun 2024 18:37  
Operator : CG\JU  
Sample : P2997-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-06-062024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.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 |
| Tridecane          | 8.757  | 24.7    | ng    | 2010890  | 2                     | 8.163  | 1629280 | 20.0 |
| Tetradecane        | 9.322  | 41.9    | ng    | 2932210  | 3                     | 9.922  | 1398780 | 20.0 |
| Carbonic acid, ... | 9.639  | 30.5    | ng    | 2130900  | 3                     | 9.922  | 1398780 | 20.0 |
| Nonadecane         | 9.851  | 42.8    | ng    | 2996280  | 3                     | 9.922  | 1398780 | 20.0 |
| Heneicosane        | 10.175 | 21.1    | ng    | 1478620  | 3                     | 9.922  | 1398780 | 20.0 |
| Hexadecane         | 10.351 | 51.9    | ng    | 3628440  | 3                     | 9.922  | 1398780 | 20.0 |
| Pentadecane, 2,... | 10.569 | 33.4    | ng    | 2336070  | 3                     | 9.922  | 1398780 | 20.0 |
| Dodecane, 2-met... | 10.828 | 73.3    | ng    | 5345080  | 4                     | 11.410 | 1459410 | 20.0 |
| unknown11.275      | 11.275 | 46.5    | ng    | 3393160  | 4                     | 11.410 | 1459410 | 20.0 |
| Heptadecane, 2,... | 11.304 | 32.1    | ng    | 2343590  | 4                     | 11.410 | 1459410 | 20.0 |
| Octadecane         | 11.698 | 40.9    | ng    | 2983560  | 4                     | 11.410 | 1459410 | 20.0 |
| Hexadecanoic ac... | 11.816 | 216.0   | ng    | 15763900 | 4                     | 11.410 | 1459410 | 20.0 |
| n-Hexadecanoic ... | 11.957 | 42.2    | ng    | 3078890  | 4                     | 11.410 | 1459410 | 20.0 |
| Eicosane           | 12.110 | 44.4    | ng    | 3237560  | 4                     | 11.410 | 1459410 | 20.0 |
| 9,12-Octadecadi... | 12.539 | 730.3   | ng    | 53287900 | 4                     | 11.410 | 1459410 | 20.0 |
| Octadecanoic acid  | 12.733 | 20.3    | ng    | 1399770  | 5                     | 14.051 | 1377880 | 20.0 |
| Heptadecane        | 13.227 | 24.9    | ng    | 1718300  | 5                     | 14.051 | 1377880 | 20.0 |
| Eicosanoic acid... | 13.322 | 20.5    | ng    | 1412050  | 5                     | 14.051 | 1377880 | 20.0 |
| Eicosane, 10-me... | 13.892 | 22.6    | ng    | 1556230  | 5                     | 14.051 | 1377880 | 20.0 |
| Docosanoic acid... | 13.986 | 22.4    | ng    | 1541030  | 5                     | 14.051 | 1377880 | 20.0 |