

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
 Data File : BF143742.D  
 Acq On : 12 Sep 2025 19:36  
 Operator : RC/JU  
 Sample : Q3077-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LAW-25-0137

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-BF091025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143742.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.199       | 335           | 341         | 348          | rBV      | 15926          | 24015         | 2.00%           | 0.123%        |
| 2         | 5.110       | 488           | 496         | 504          | rBB2     | 33187          | 52181         | 4.34%           | 0.267%        |
| 3         | 5.504       | 558           | 563         | 569          | rBV      | 310521         | 416297        | 34.63%          | 2.127%        |
| 4         | 6.510       | 728           | 734         | 739          | rBV      | 302042         | 391987        | 32.61%          | 2.003%        |
| 5         | 6.722       | 766           | 770         | 778          | rBV2     | 9239           | 14412         | 1.20%           | 0.074%        |
| 6         | 6.893       | 794           | 799         | 804          | rBV      | 123898         | 150685        | 12.54%          | 0.770%        |
| 7         | 7.169       | 834           | 846         | 849          | rBV3     | 8463           | 15665         | 1.30%           | 0.080%        |
| 8         | 7.293       | 859           | 867         | 875          | rBV6     | 9381           | 23123         | 1.92%           | 0.118%        |
| 9         | 7.451       | 884           | 894         | 898          | rBV      | 207033         | 284514        | 23.67%          | 1.454%        |
| 10        | 7.563       | 904           | 913         | 919          | rBV      | 39073          | 84079         | 6.99%           | 0.430%        |
| 11        | 7.681       | 928           | 933         | 935          | rBV      | 13416          | 21284         | 1.77%           | 0.109%        |
| 12        | 7.775       | 944           | 949         | 953          | rBV3     | 17844          | 28607         | 2.38%           | 0.146%        |
| 13        | 7.822       | 953           | 957         | 961          | rVV5     | 14585          | 21863         | 1.82%           | 0.112%        |
| 14        | 7.957       | 975           | 980         | 983          | rVV3     | 16681          | 25229         | 2.10%           | 0.129%        |
| 15        | 8.016       | 987           | 990         | 993          | rVB      | 20656          | 21686         | 1.80%           | 0.111%        |
| 16        | 8.081       | 998           | 1001        | 1005         | rBV3     | 11524          | 14591         | 1.21%           | 0.075%        |
| 17        | 8.122       | 1005          | 1008        | 1011         | rBV2     | 18523          | 25653         | 2.13%           | 0.131%        |
| 18        | 8.175       | 1011          | 1017        | 1023         | rVV      | 158021         | 236453        | 19.67%          | 1.208%        |
| 19        | 8.228       | 1023          | 1026        | 1029         | rVB2     | 25478          | 31304         | 2.60%           | 0.160%        |
| 20        | 8.263       | 1029          | 1032        | 1038         | rBV5     | 9716           | 12289         | 1.02%           | 0.063%        |
| 21        | 8.375       | 1048          | 1051        | 1054         | rVB      | 12106          | 12458         | 1.04%           | 0.064%        |
| 22        | 8.416       | 1054          | 1058        | 1061         | rBV2     | 24514          | 32297         | 2.69%           | 0.165%        |
| 23        | 8.469       | 1064          | 1067        | 1071         | rVB5     | 17109          | 21853         | 1.82%           | 0.112%        |
| 24        | 8.563       | 1079          | 1083        | 1086         | rBV4     | 13519          | 18982         | 1.58%           | 0.097%        |
| 25        | 8.639       | 1090          | 1096        | 1099         | rVB4     | 26190          | 49057         | 4.08%           | 0.251%        |
| 26        | 8.681       | 1099          | 1103        | 1106         | rBV      | 32345          | 37344         | 3.11%           | 0.191%        |
| 27        | 8.869       | 1132          | 1135        | 1141         | rVB5     | 24042          | 44652         | 3.71%           | 0.228%        |
| 28        | 8.998       | 1153          | 1157        | 1165         | rBV2     | 35535          | 77594         | 6.46%           | 0.397%        |
| 29        | 9.139       | 1174          | 1181        | 1184         | rBV6     | 29465          | 68401         | 5.69%           | 0.350%        |
| 30        | 9.251       | 1195          | 1200        | 1204         | rBV      | 423090         | 523879        | 43.58%          | 2.677%        |
| 31        | 9.328       | 1209          | 1213        | 1220         | rBV5     | 50255          | 84242         | 7.01%           | 0.431%        |
| 32        | 9.569       | 1250          | 1254        | 1255         | rBV3     | 27417          | 37438         | 3.11%           | 0.191%        |
| 33        | 9.598       | 1255          | 1259        | 1263         | rVB      | 122951         | 166648        | 13.86%          | 0.852%        |
| 34        | 9.645       | 1263          | 1267        | 1270         | rBV2     | 30530          | 45244         | 3.76%           | 0.231%        |
| 35        | 9.710       | 1275          | 1278        | 1281         | rVB2     | 38090          | 48120         | 4.00%           | 0.246%        |
| 36        | 9.804       | 1290          | 1294        | 1298         | rBV      | 73542          | 124249        | 10.34%          | 0.635%        |

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 ClientSampleId :  
 LAW-25-0137

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-BF091025.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 37 | 9.886  | 1305 | 1308 | 1310 | rBV  | 22007  | 30387   | 2.53%   | 0.155% |
| 38 | 9.934  | 1310 | 1316 | 1319 | rBV  | 188324 | 298307  | 24.82%  | 1.524% |
| 39 | 10.039 | 1329 | 1334 | 1339 | rVB  | 180711 | 270524  | 22.51%  | 1.382% |
| 40 | 10.092 | 1340 | 1343 | 1346 | rBV  | 29244  | 40783   | 3.39%   | 0.208% |
| 41 | 10.251 | 1366 | 1370 | 1377 | rBV5 | 41008  | 91129   | 7.58%   | 0.466% |
| 42 | 10.345 | 1383 | 1386 | 1391 | rVB3 | 43483  | 56704   | 4.72%   | 0.290% |
| 43 | 10.716 | 1445 | 1449 | 1454 | rBV  | 213218 | 278353  | 23.16%  | 1.422% |
| 44 | 10.845 | 1467 | 1471 | 1479 | rVB2 | 119787 | 170076  | 14.15%  | 0.869% |
| 45 | 10.981 | 1491 | 1494 | 1499 | rVB  | 136396 | 170638  | 14.20%  | 0.872% |
| 46 | 11.045 | 1501 | 1505 | 1510 | rVB  | 317460 | 401676  | 33.42%  | 2.053% |
| 47 | 11.422 | 1565 | 1569 | 1573 | rVB  | 133899 | 170237  | 14.16%  | 0.870% |
| 48 | 11.651 | 1604 | 1608 | 1615 | rBV2 | 49063  | 102095  | 8.49%   | 0.522% |
| 49 | 11.775 | 1625 | 1629 | 1633 | rVB  | 104094 | 131258  | 10.92%  | 0.671% |
| 50 | 11.898 | 1646 | 1650 | 1654 | rBV  | 147660 | 184123  | 15.32%  | 0.941% |
| 51 | 11.951 | 1654 | 1659 | 1664 | rBV  | 580592 | 813804  | 67.70%  | 4.159% |
| 52 | 12.198 | 1697 | 1701 | 1705 | rVB  | 110906 | 141591  | 11.78%  | 0.724% |
| 53 | 12.469 | 1743 | 1747 | 1757 | rVB  | 145010 | 269607  | 22.43%  | 1.378% |
| 54 | 12.610 | 1767 | 1771 | 1773 | rBV  | 101117 | 131768  | 10.96%  | 0.673% |
| 55 | 12.645 | 1774 | 1777 | 1783 | rVB4 | 74228  | 150641  | 12.53%  | 0.770% |
| 56 | 12.733 | 1787 | 1792 | 1794 | rBV2 | 313426 | 443271  | 36.88%  | 2.265% |
| 57 | 12.763 | 1794 | 1797 | 1803 | rVB  | 370124 | 525737  | 43.74%  | 2.687% |
| 58 | 13.010 | 1834 | 1839 | 1846 | rVB  | 397382 | 548845  | 45.66%  | 2.805% |
| 59 | 13.233 | 1873 | 1877 | 1882 | rVB  | 88190  | 128824  | 10.72%  | 0.658% |
| 60 | 13.369 | 1896 | 1900 | 1905 | rBV  | 97556  | 132342  | 11.01%  | 0.676% |
| 61 | 13.480 | 1915 | 1919 | 1921 | rBV  | 189644 | 274219  | 22.81%  | 1.401% |
| 62 | 13.510 | 1921 | 1924 | 1930 | rVB  | 380163 | 529260  | 44.03%  | 2.705% |
| 63 | 13.580 | 1932 | 1936 | 1939 | rBV2 | 136289 | 187413  | 15.59%  | 0.958% |
| 64 | 13.627 | 1940 | 1944 | 1947 | rVB  | 98039  | 151577  | 12.61%  | 0.775% |
| 65 | 13.757 | 1962 | 1966 | 1970 | rBV  | 83700  | 140174  | 11.66%  | 0.716% |
| 66 | 13.804 | 1970 | 1974 | 1979 | rVB3 | 99165  | 182533  | 15.19%  | 0.933% |
| 67 | 13.910 | 1988 | 1992 | 2003 | rVB  | 158723 | 286622  | 23.84%  | 1.465% |
| 68 | 14.063 | 2010 | 2018 | 2024 | rBV2 | 279011 | 559643  | 46.56%  | 2.860% |
| 69 | 14.192 | 2032 | 2040 | 2043 | rBV2 | 440778 | 855211  | 71.15%  | 4.370% |
| 70 | 14.380 | 2068 | 2072 | 2076 | rBV3 | 50639  | 90807   | 7.55%   | 0.464% |
| 71 | 14.527 | 2092 | 2097 | 2103 | rBV  | 204260 | 308676  | 25.68%  | 1.577% |
| 72 | 14.586 | 2103 | 2107 | 2119 | rVB  | 63392  | 132097  | 10.99%  | 0.675% |
| 73 | 14.698 | 2120 | 2126 | 2136 | rBV2 | 225032 | 603176  | 50.18%  | 3.082% |
| 74 | 14.839 | 2142 | 2150 | 2159 | rBV2 | 574315 | 1202029 | 100.00% | 6.143% |
| 75 | 14.921 | 2160 | 2164 | 2170 | rBV2 | 142574 | 288650  | 24.01%  | 1.475% |
| 76 | 15.133 | 2195 | 2200 | 2205 | rBV  | 82810  | 202483  | 16.85%  | 1.035% |

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 ClientSampleId :  
 LAW-25-0137

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-BF091025.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 15.186 | 2206 | 2209 | 2221 | rVB  | 126108 | 262269 | 21.82% | 1.340% |
| 78 | 15.345 | 2230 | 2236 | 2247 | rBV  | 195765 | 480764 | 40.00% | 2.457% |
| 79 | 15.445 | 2249 | 2253 | 2260 | rBV  | 80115  | 145316 | 12.09% | 0.743% |
| 80 | 15.545 | 2265 | 2270 | 2273 | rBV  | 135982 | 218449 | 18.17% | 1.116% |
|    |        |      |      |      |      |        |        |        |        |
| 81 | 15.610 | 2273 | 2281 | 2286 | rBV2 | 368727 | 731874 | 60.89% | 3.740% |
| 82 | 15.898 | 2325 | 2330 | 2345 | rVB2 | 77861  | 263487 | 21.92% | 1.346% |
| 83 | 16.027 | 2345 | 2352 | 2370 | rVB  | 85256  | 271108 | 22.55% | 1.385% |
| 84 | 16.192 | 2372 | 2380 | 2390 | rBV3 | 127696 | 383437 | 31.90% | 1.959% |
| 85 | 16.415 | 2413 | 2418 | 2432 | rVB2 | 70242  | 184683 | 15.36% | 0.944% |
|    |        |      |      |      |      |        |        |        |        |
| 86 | 16.539 | 2433 | 2439 | 2444 | rBV5 | 25148  | 77632  | 6.46%  | 0.397% |
| 87 | 16.633 | 2447 | 2455 | 2462 | rBV2 | 301774 | 706137 | 58.75% | 3.609% |
| 88 | 16.798 | 2477 | 2483 | 2490 | rVB3 | 42275  | 99339  | 8.26%  | 0.508% |
| 89 | 17.668 | 2623 | 2631 | 2639 | rBV3 | 41133  | 142436 | 11.85% | 0.728% |
| 90 | 17.751 | 2641 | 2645 | 2662 | rVB4 | 39640  | 132192 | 11.00% | 0.676% |
|    |        |      |      |      |      |        |        |        |        |
| 91 | 18.062 | 2688 | 2698 | 2707 | rBV2 | 164293 | 503506 | 41.89% | 2.573% |

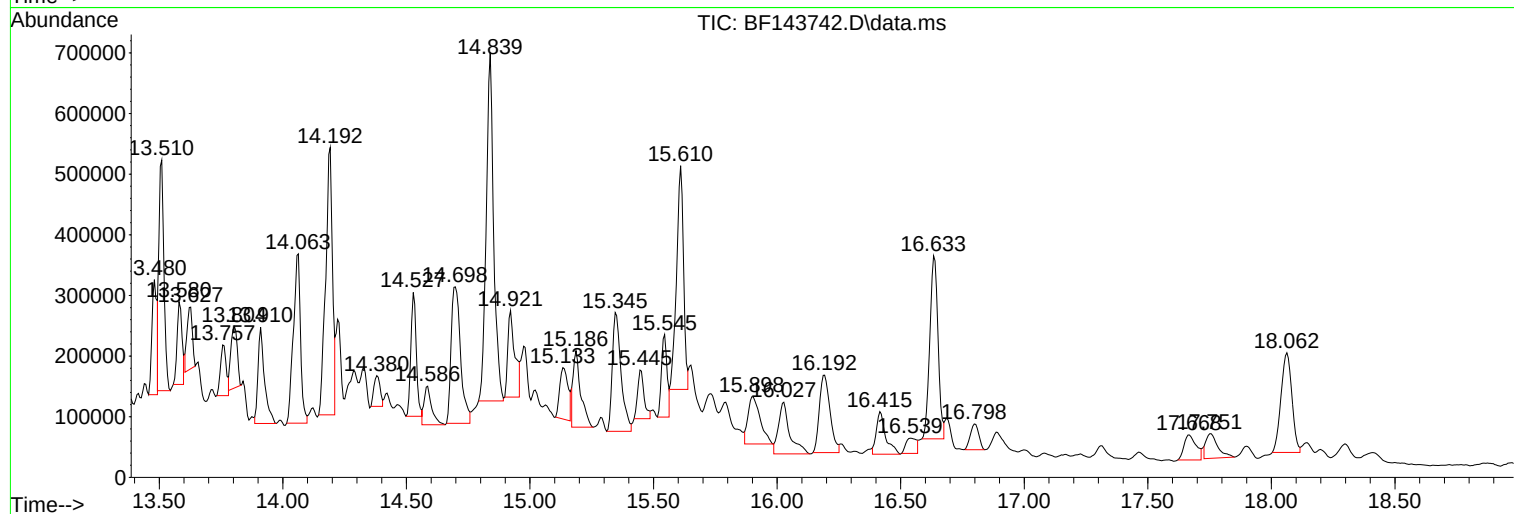
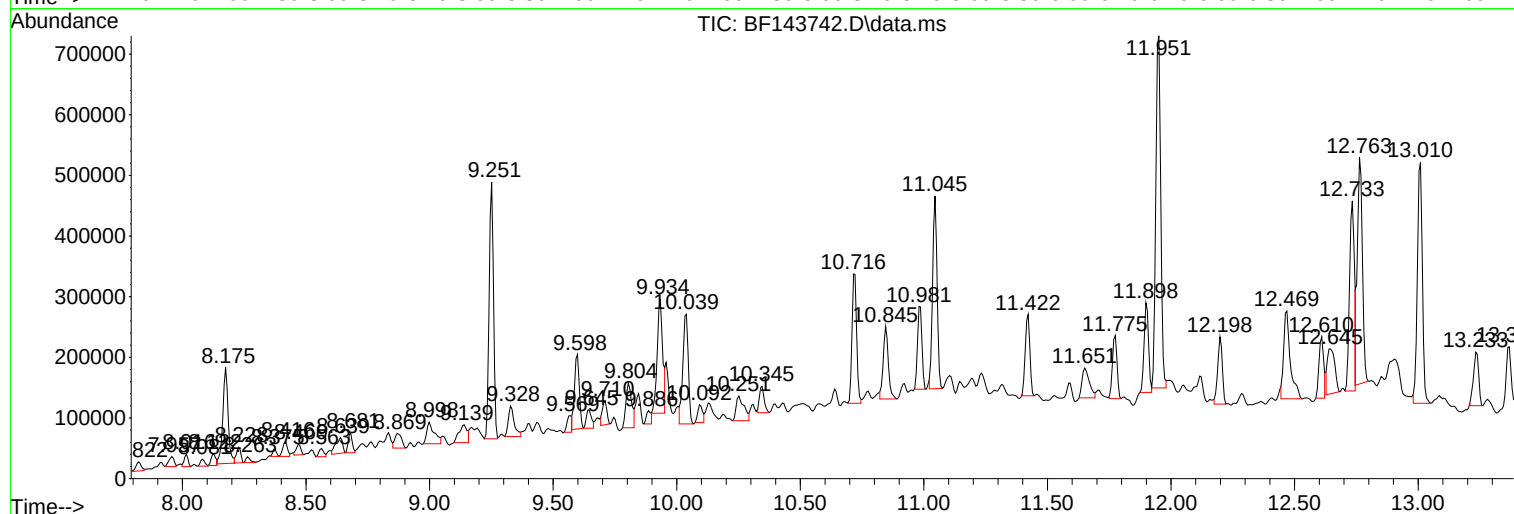
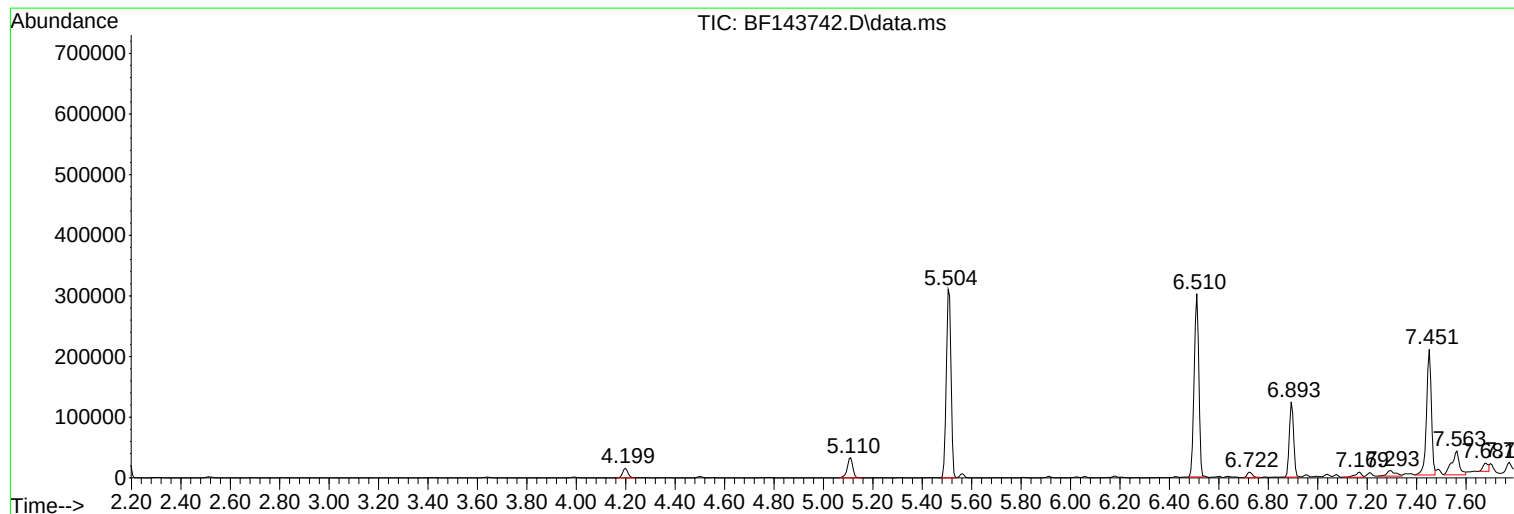
Sum of corrected areas: 19568294

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Instrument :  
BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.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\BF091225\  
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Instrument :  
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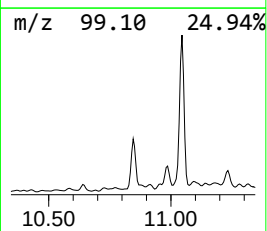
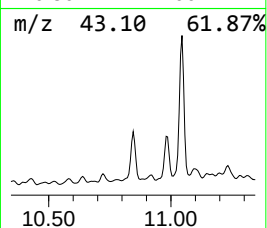
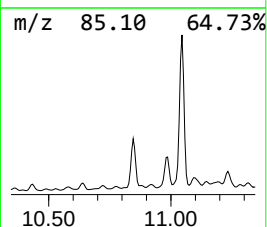
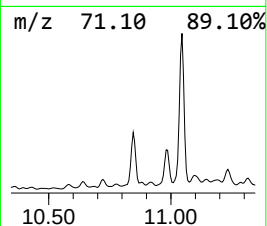
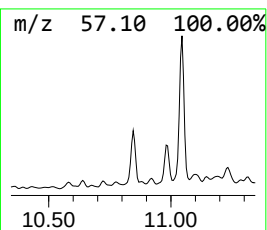
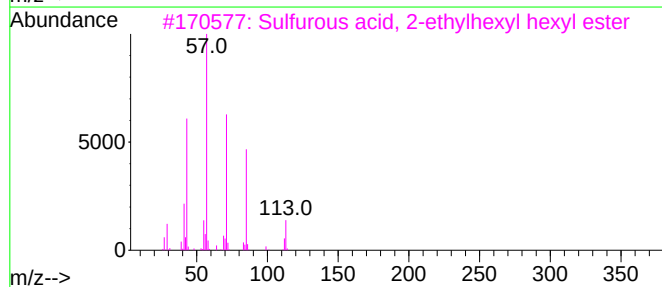
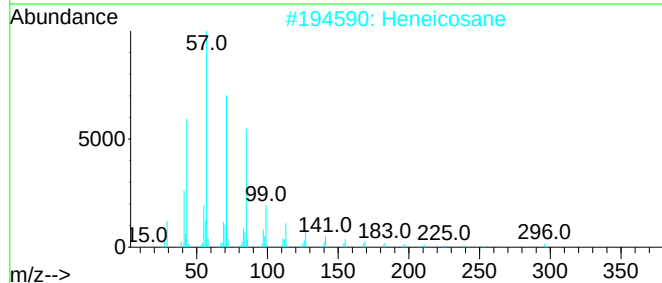
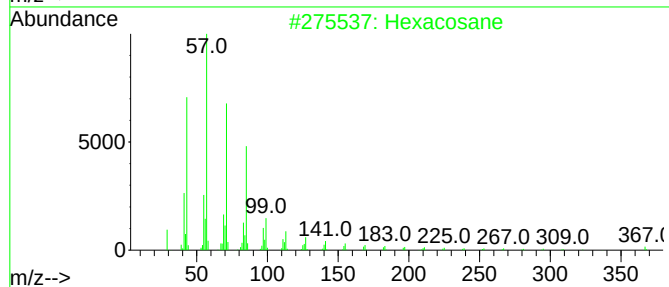
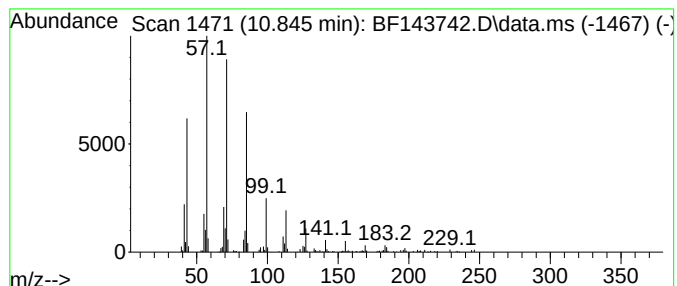
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Hexacosane Concentration Rank 19

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.845 | 19.98 ng | 170076 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 80   |
| 2    |    |   | Heneicosane                         | 296 | C21H44    | 000629-94-7  | 78   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 72   |
| 4    |    |   | 5,5-Diethyltridecane                | 240 | C17H36    | 1000360-41-3 | 64   |
| 5    |    |   | Octacosane, 2-methyl-               | 408 | C29H60    | 001560-98-1  | 64   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
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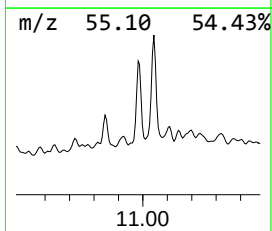
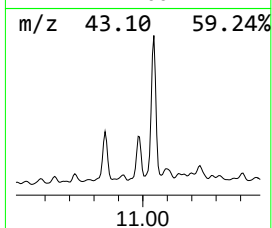
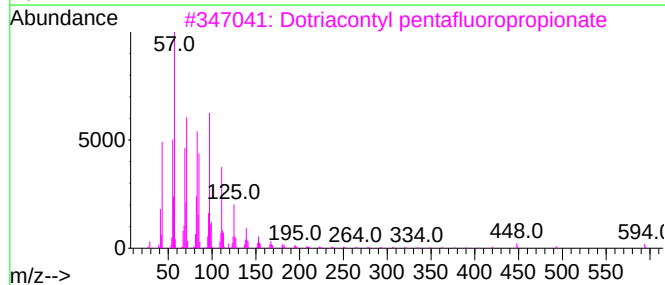
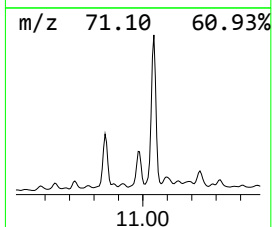
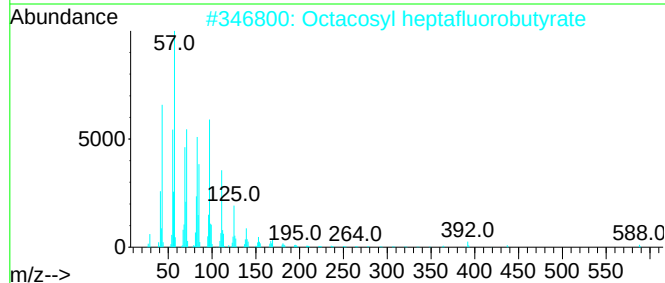
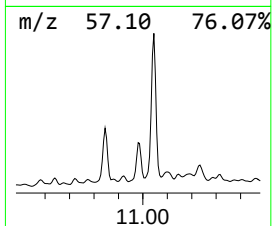
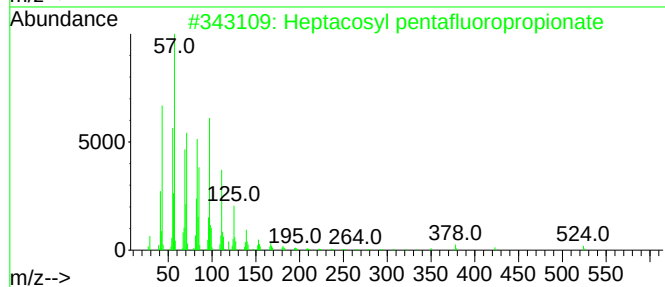
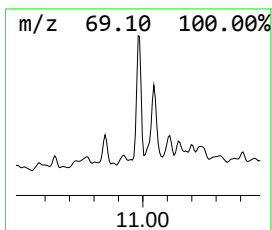
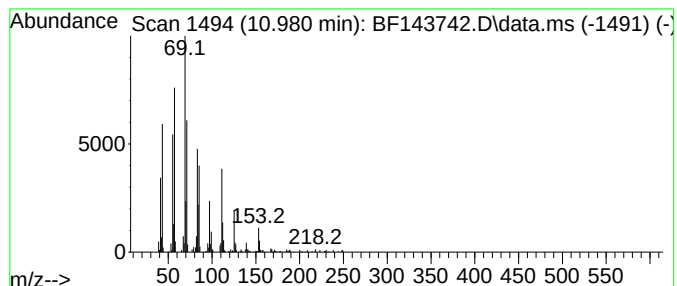
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown10.980 Concentration Rank 18

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.980 | 20.05 ng | 170638 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm    | CAS#         | Qual |
|------|----|---|------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Heptacosyl pentafluoropropionate   | 542 | C30H55F5O2 | 1000351-81-6 | 49   |
| 2    |    |   | Octacosyl heptafluorobutyrate      | 606 | C32H57F7O2 | 1010351-83-6 | 49   |
| 3    |    |   | Dotriacontyl pentafluoropropionate | 612 | C35H65F5O2 | 1010351-81-4 | 49   |
| 4    |    |   | Triacontyl trifluoroacetate        | 534 | C32H61F3O2 | 1000351-75-7 | 47   |
| 5    |    |   | Hexacosyl heptafluorobutyrate      | 578 | C30H53F7O2 | 1000351-83-3 | 47   |



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Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

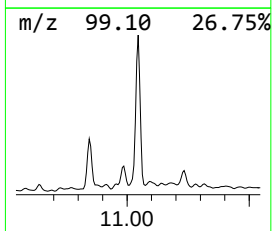
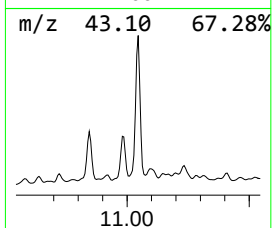
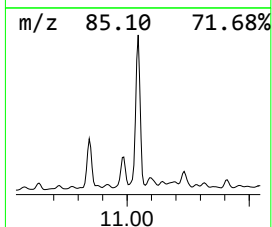
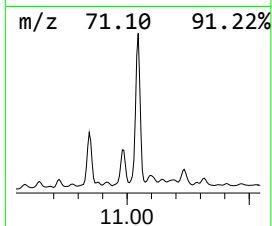
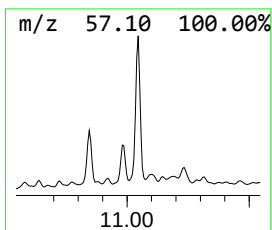
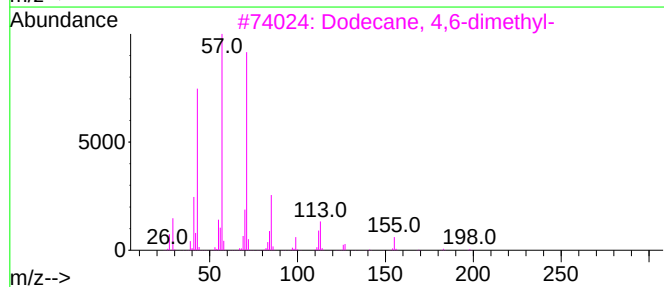
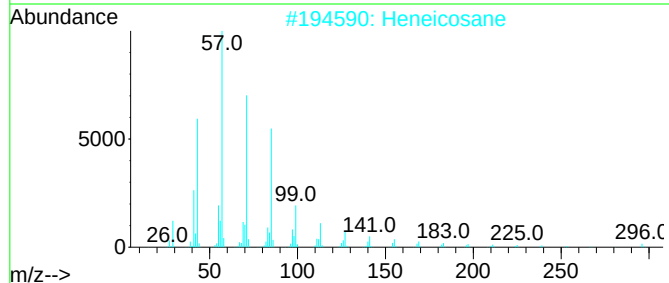
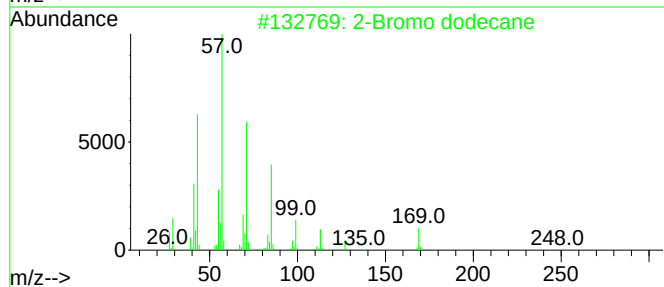
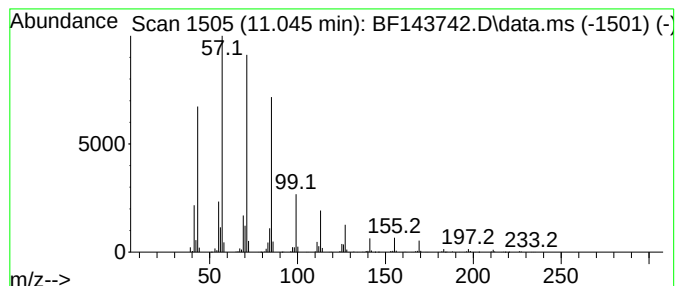
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 2-Bromo dodecane Concentration Rank 6

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.045 | 47.19 ng | 401676 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Bromo dodecane            | 248 | C12H25Br | 013187-99-0 | 87   |
| 2    |    |   | Heneicosane                 | 296 | C21H44   | 000629-94-7 | 86   |
| 3    |    |   | Dodecane, 4,6-dimethyl-     | 198 | C14H30   | 061141-72-8 | 68   |
| 4    |    |   | Tridecane, 7-propyl-        | 226 | C16H34   | 055045-09-5 | 64   |
| 5    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32   | 031295-56-4 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

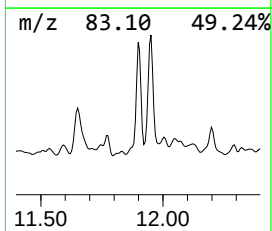
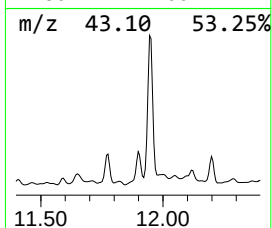
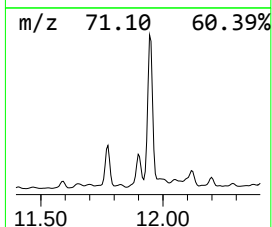
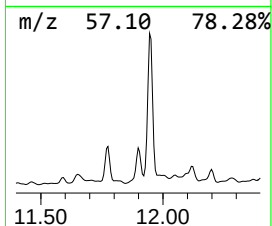
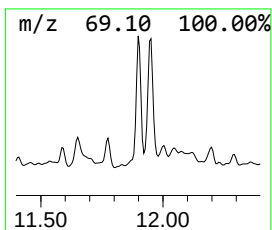
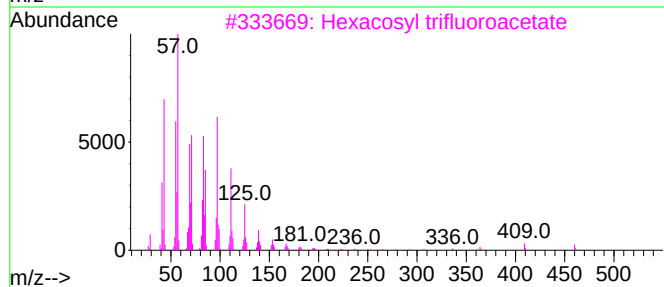
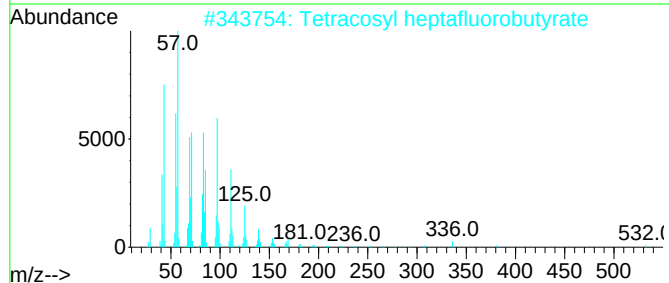
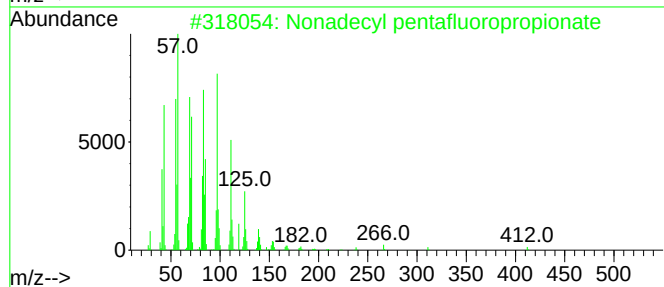
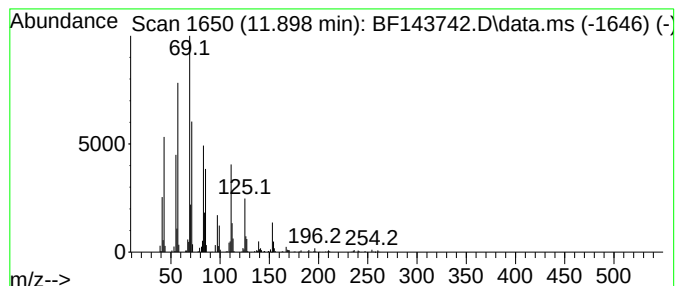
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Nonadecyl pentafluoropropio... Concentration Rank 16

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.898 | 21.63 ng | 184123 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------|-----|------------|--------------|------|
| 1    |    |   | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 58   |
| 2    |    |   | Tetracosyl heptafluorobutyrate  | 550 | C28H49F7O2 | 1000351-83-7 | 52   |
| 3    |    |   | Hexacosyl trifluoroacetate      | 478 | C28H53F3O2 | 1000351-75-0 | 52   |
| 4    |    |   | Tricosyl trifluoroacetate       | 436 | C25H47F3O2 | 1000351-75-1 | 52   |
| 5    |    |   | Triacontyl trifluoroacetate     | 534 | C32H61F3O2 | 1000351-75-7 | 50   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

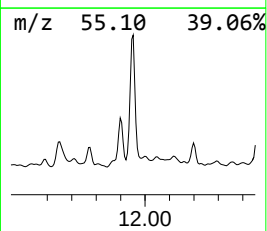
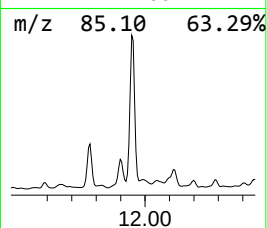
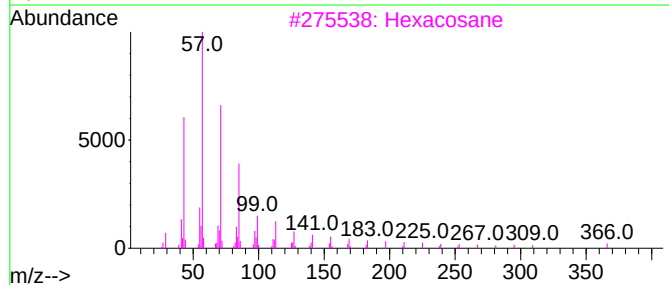
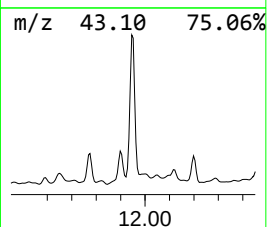
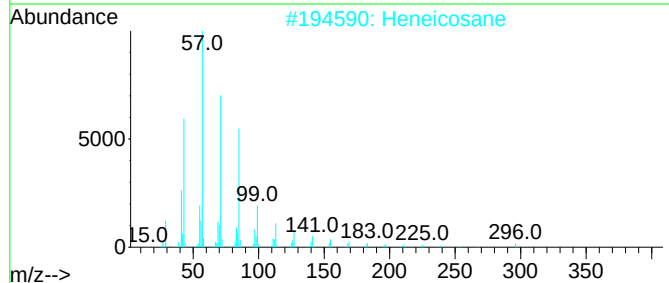
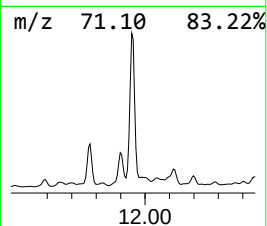
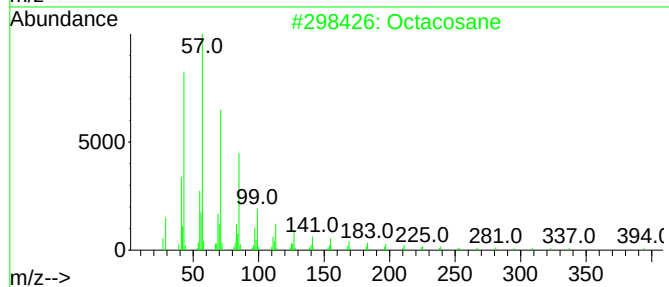
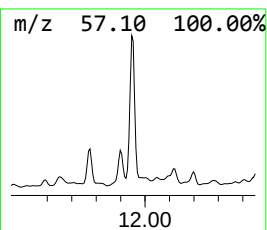
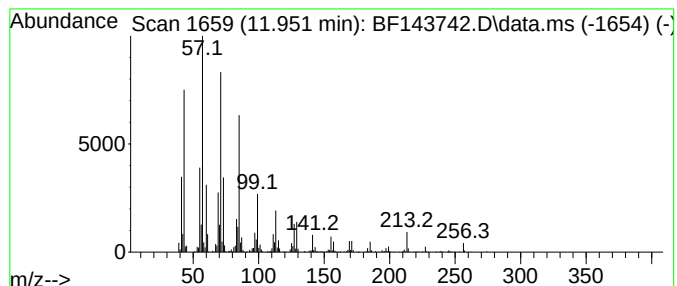
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octacosane Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.951 | 95.61 ng | 813804 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------|-----|---------|--------------|------|
| 1    |    |   | Octacosane             | 394 | C28H58  | 000630-02-4  | 62   |
| 2    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7  | 62   |
| 3    |    |   | Hexacosane             | 366 | C26H54  | 000630-01-3  | 58   |
| 4    |    |   | Pentacosane            | 352 | C25H52  | 000629-99-2  | 58   |
| 5    |    |   | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
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Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

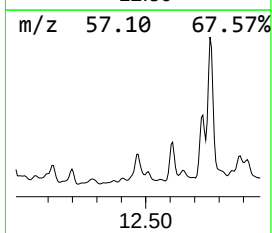
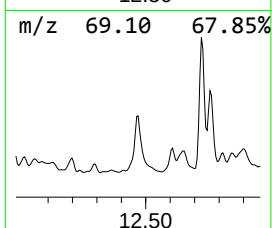
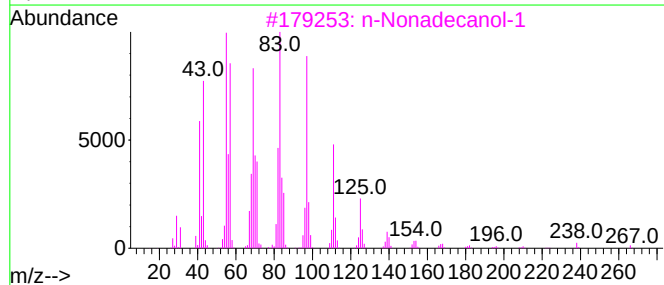
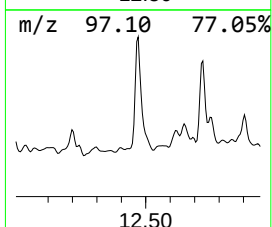
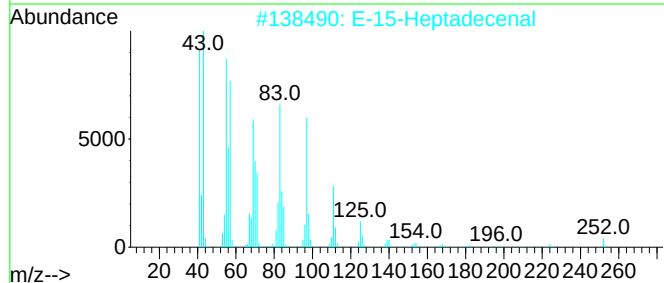
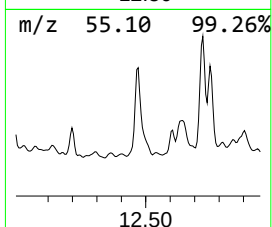
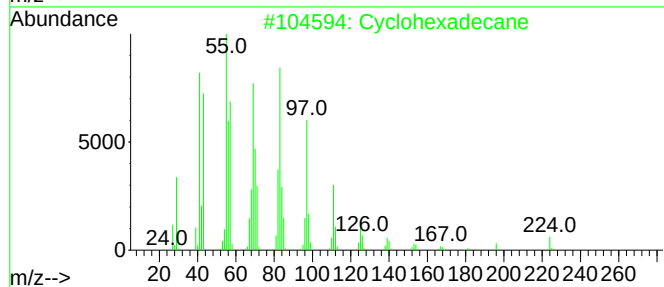
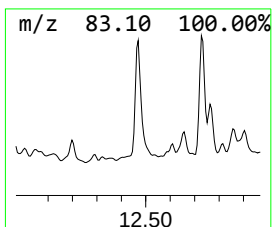
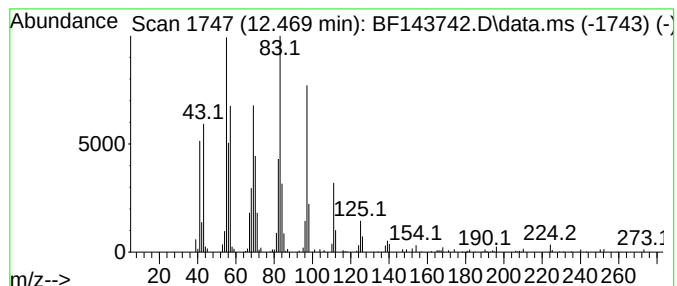
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Cyclohexadecane Concentration Rank 10

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.469 | 31.67 ng | 269607 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclohexadecane   | 224 | C16H32  | 000295-65-8  | 96   |
| 2    |    |   | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 91   |
| 3    |    |   | n-Nonadecanol-1   | 284 | C19H40O | 001454-84-8  | 91   |
| 4    |    |   | Cetene            | 224 | C16H32  | 000629-73-2  | 90   |
| 5    |    |   | n-Pentadecanol    | 228 | C15H32O | 000629-76-5  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

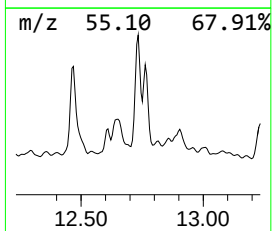
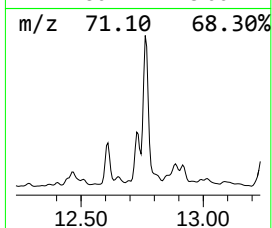
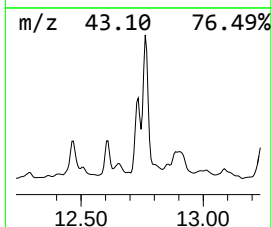
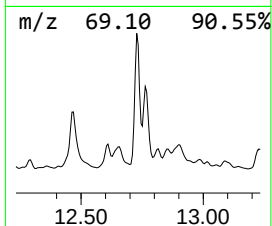
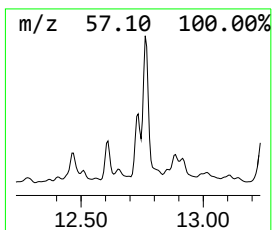
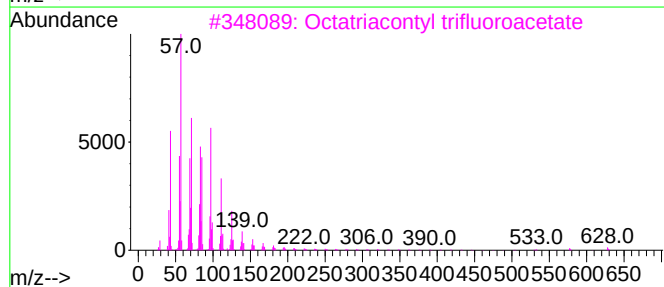
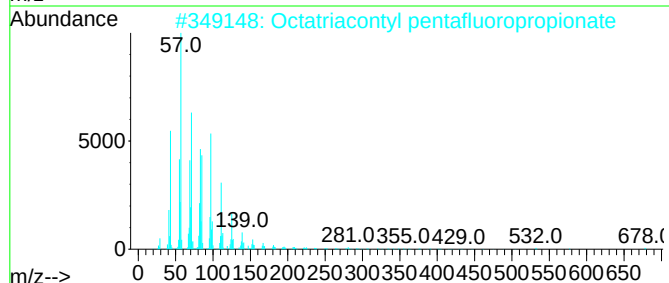
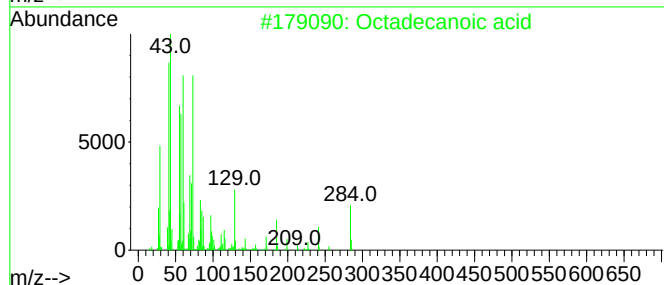
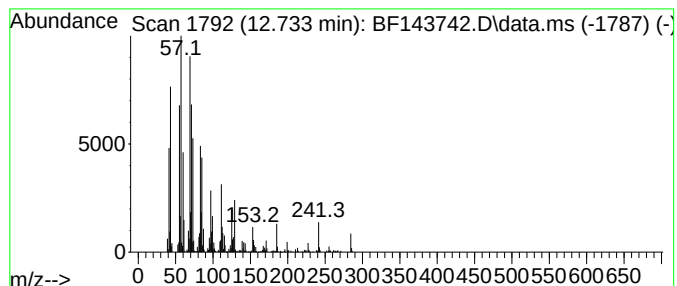
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.733 | 52.08 ng | 443271 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2   | 000057-11-4  | 76   |
| 2    |    |   | Octatriacontyl pentafluoropropio... | 697 | C41H77F5O2 | 1000351-89-1 | 45   |
| 3    |    |   | Octatriacontyl trifluoroacetate     | 647 | C40H77F3O2 | 1000351-88-7 | 45   |
| 4    |    |   | Triacetyl pentafluoropropionate     | 584 | C33H61F5O2 | 1000351-80-0 | 45   |
| 5    |    |   | Triacetyl heptafluorobutyrate       | 634 | C34H61F7O2 | 1000351-83-2 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

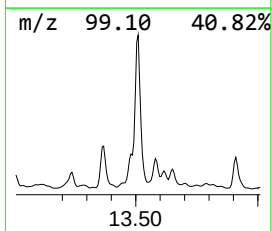
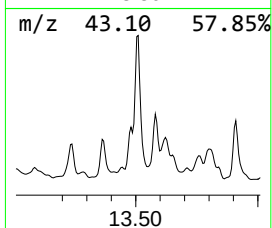
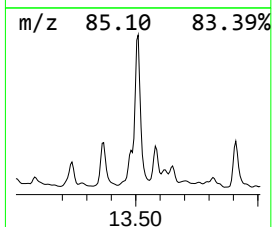
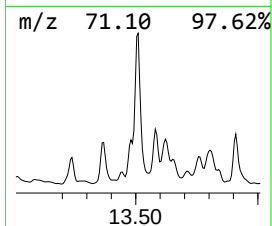
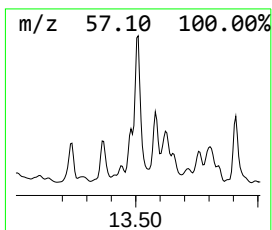
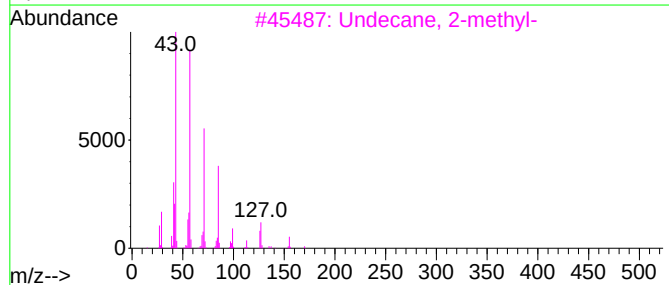
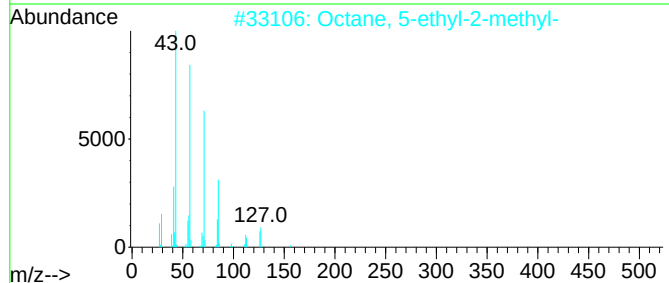
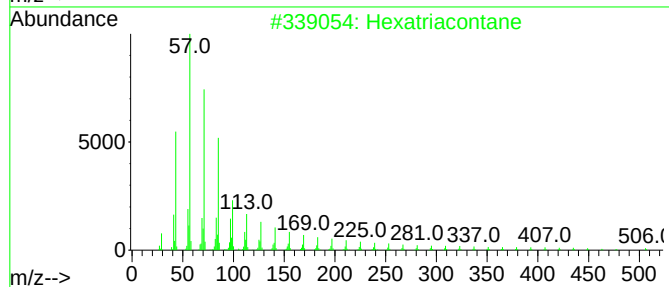
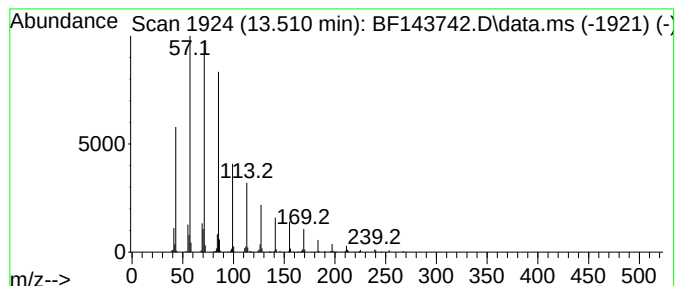
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ClientSampleId :  
LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Hexatriacontane Concentration Rank 20

| R.T.      | EstConc                   | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|---------------------------|--------|------------------|---------|-------------|------|
| 13.510    | 18.91 ng                  | 529260 | Chrysene-d12     |         | 14.063      |      |
| Hit# of 5 | Tentative ID              |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexatriacontane           |        | 507              | C36H74  | 000630-06-8 | 78   |
| 2         | Octane, 5-ethyl-2-methyl- |        | 156              | C11H24  | 062016-18-6 | 53   |
| 3         | Undecane, 2-methyl-       |        | 170              | C12H26  | 007045-71-8 | 43   |
| 4         | Tridecane, 4-methyl-      |        | 198              | C14H30  | 026730-12-1 | 43   |
| 5         | Decane, 3-ethyl-3-methyl- |        | 184              | C13H28  | 017312-66-2 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

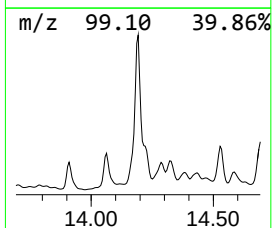
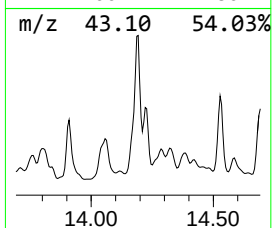
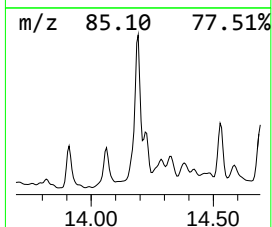
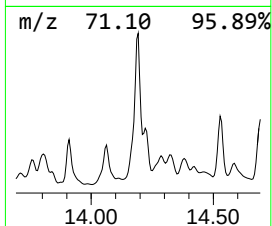
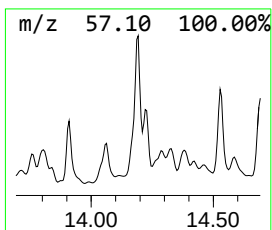
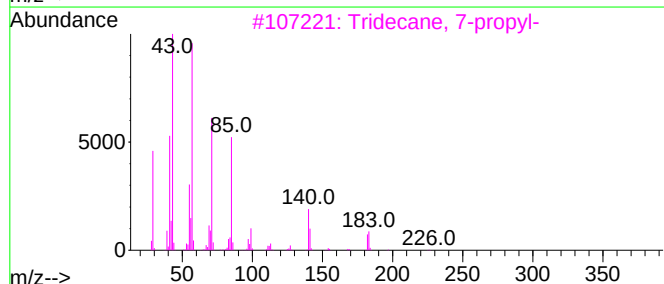
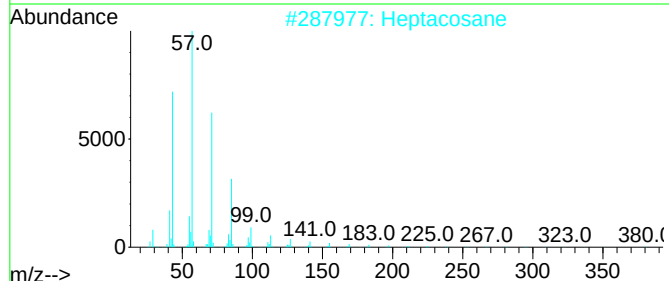
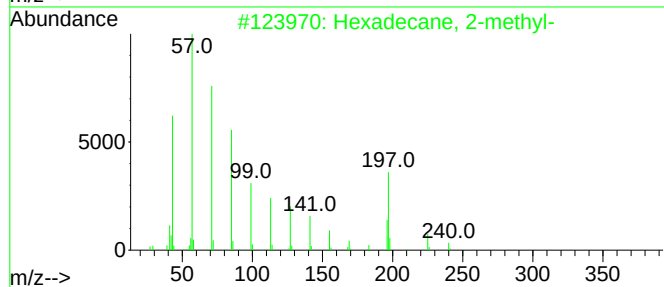
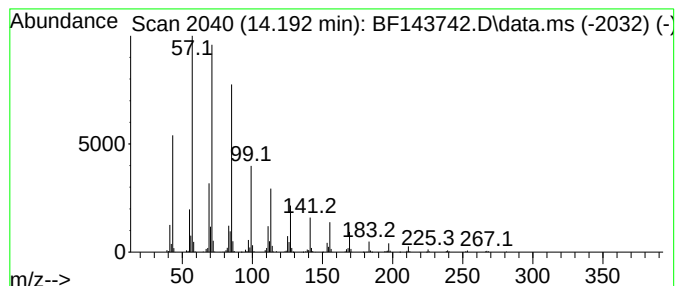
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Hexadecane, 2-methyl- Concentration Rank 11

| R.T.      | EstConc               | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|--------|------------------|-------------|------|
| 14.192    | 30.56 ng              | 855211 | Chrysene-d12     | 14.063      |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexadecane, 2-methyl- | 240    | C17H36           | 001560-92-5 | 86   |
| 2         | Heptacosane           | 380    | C27H56           | 000593-49-7 | 86   |
| 3         | Tridecane, 7-propyl-  | 226    | C16H34           | 055045-09-5 | 52   |
| 4         | Undecane, 3-methyl-   | 170    | C12H26           | 001002-43-3 | 49   |
| 5         | Vinyl decanoate       | 198    | C12H22O2         | 004704-31-8 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

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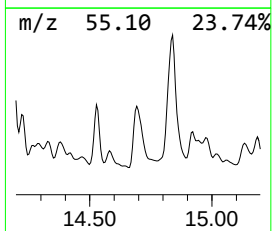
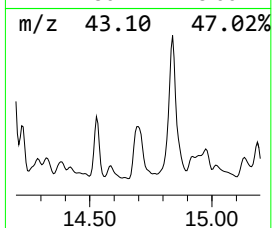
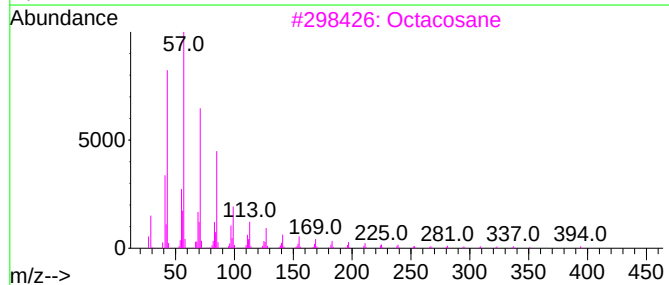
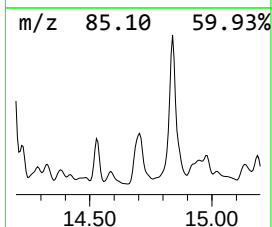
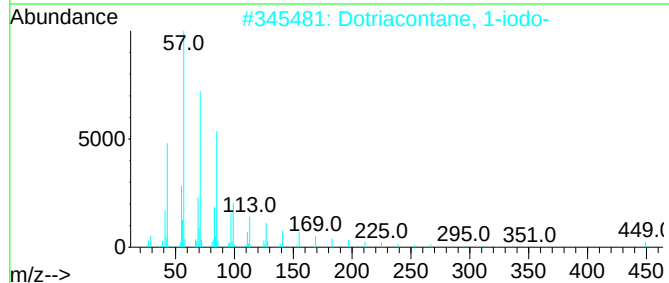
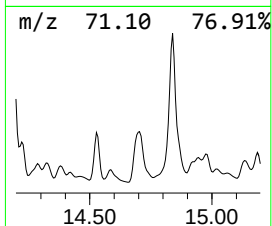
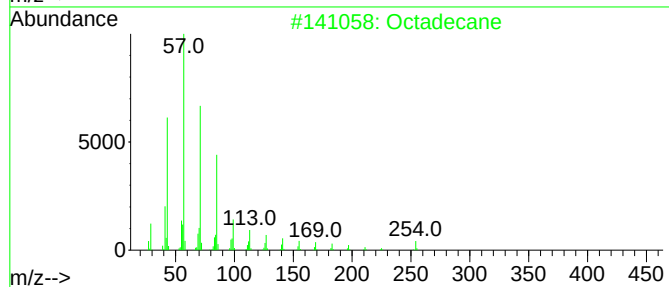
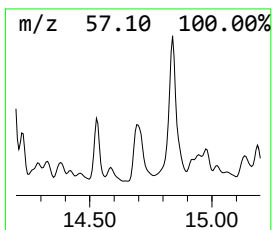
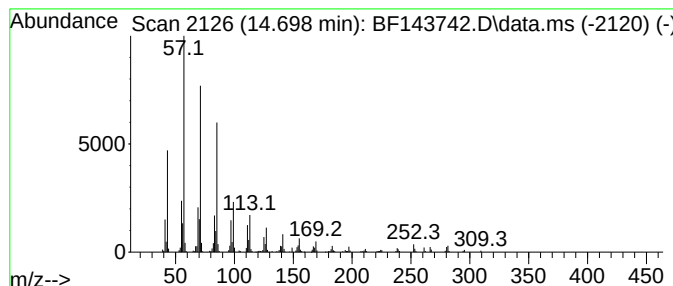
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Octadecane Concentration Rank 17

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.698 | 21.56 ng | 603176 | Chrysene-d12     | 14.063 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Octadecane             | 254 | C18H38  | 000593-45-3  | 93   |
| 2    |      | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |
| 3    |      | Octacosane             | 394 | C28H58  | 000630-02-4  | 91   |
| 4    |      | Heptadecane, 9-octyl-  | 352 | C25H52  | 007225-64-1  | 91   |
| 5    |      | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
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Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

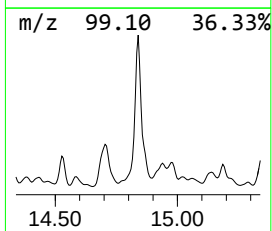
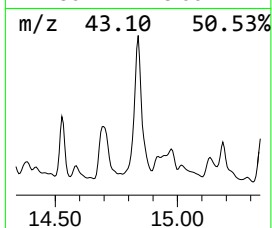
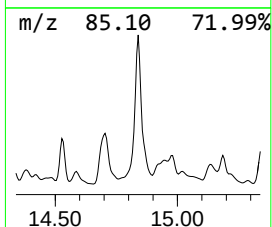
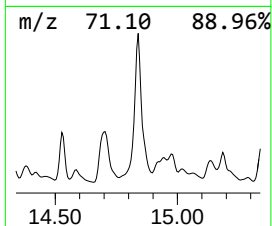
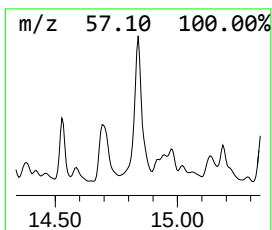
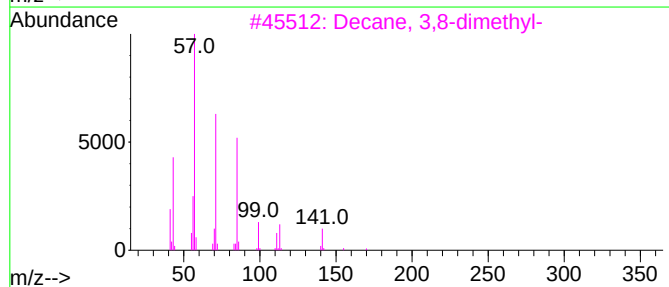
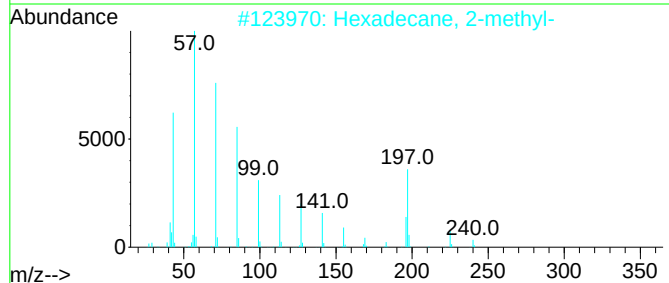
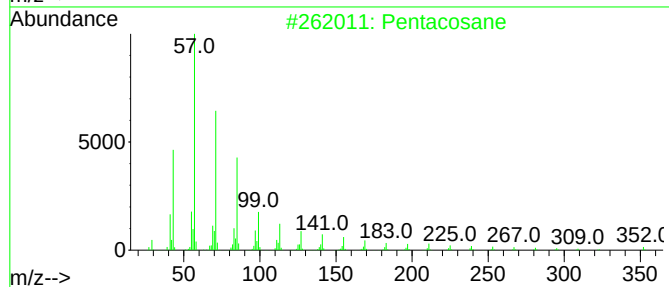
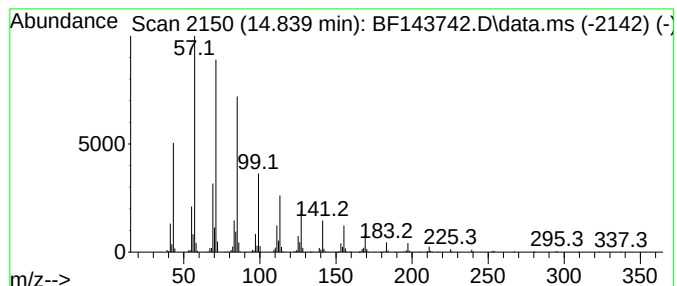
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Pentacosane Concentration Rank 1

| R.T.      | EstConc               | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|---------|------------------|-------------|------|
| 14.839    | 110.05 ng             | 1202030 | Perylene-d12     | 15.545      |      |
| Hit# of 5 | Tentative ID          | MW      | MolForm          | CAS#        | Qual |
| 1         | Pentacosane           | 352     | C25H52           | 000629-99-2 | 90   |
| 2         | Hexadecane, 2-methyl- | 240     | C17H36           | 001560-92-5 | 87   |
| 3         | Decane, 3,8-dimethyl- | 170     | C12H26           | 017312-55-9 | 83   |
| 4         | Hexadecane, 1-iodo-   | 352     | C16H33I          | 000544-77-4 | 72   |
| 5         | Docosane              | 310     | C22H46           | 000629-97-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
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ALS Vial : 20 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
LAW-25-0137

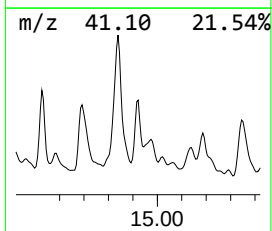
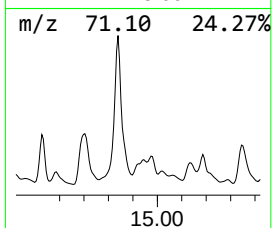
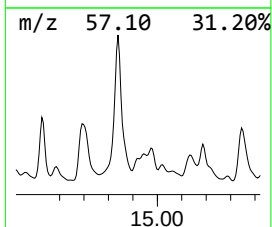
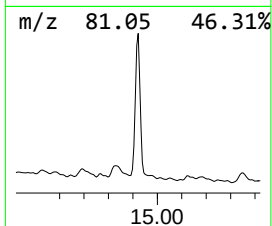
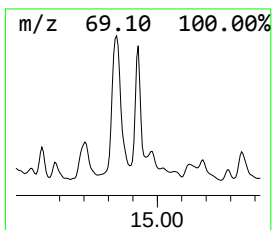
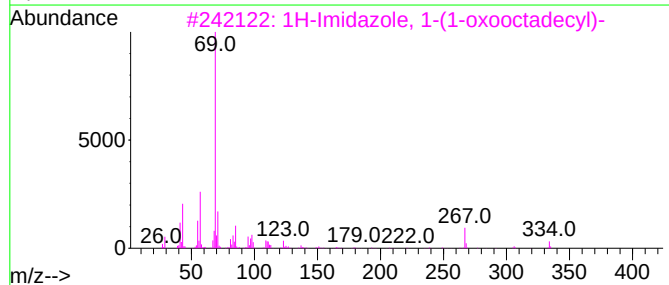
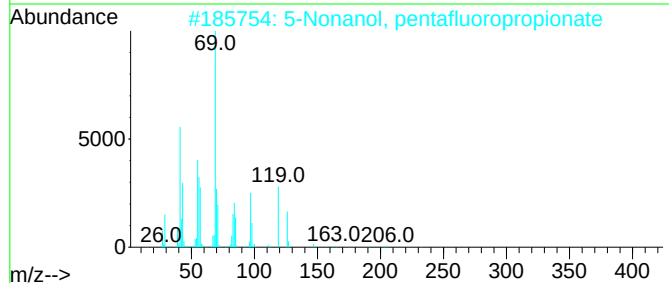
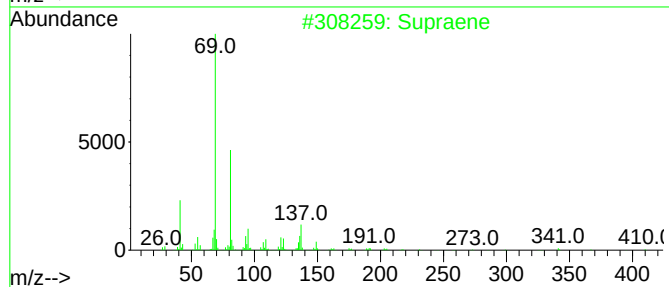
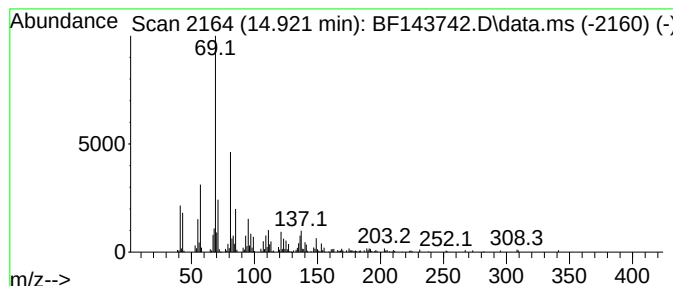
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Supraene Concentration Rank 12

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.921 | 26.43 ng | 288650 | Perylene-d12     | 15.545 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50     | 007683-64-9  | 64   |
| 2    |    |   | 5-Nonanol, pentafluoropropionate    | 290 | C12H19F5O2 | 1000463-47-9 | 53   |
| 3    |    |   | 1H-Imidazole, 1-(1-oxooctadecyl)-   | 334 | C21H38N2O  | 017450-32-7  | 53   |
| 4    |    |   | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24     | 062951-96-6  | 53   |
| 5    |    |   | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O    | 066408-55-7  | 50   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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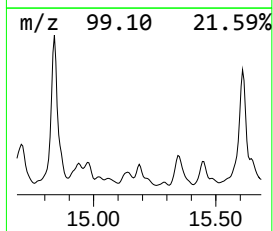
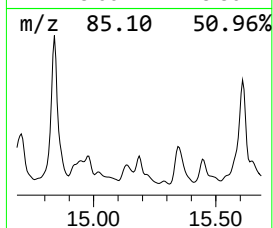
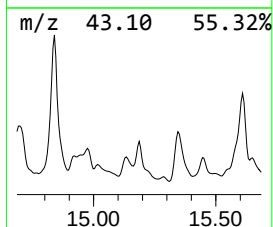
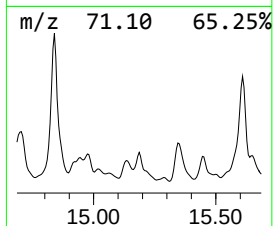
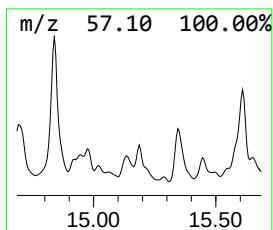
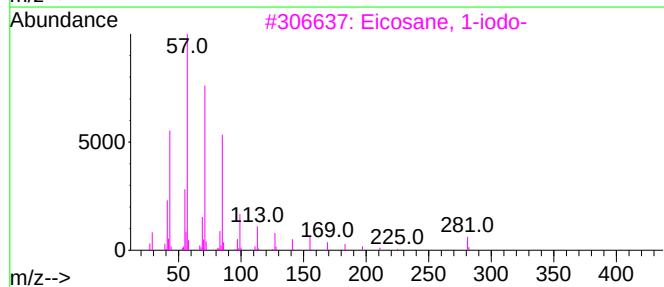
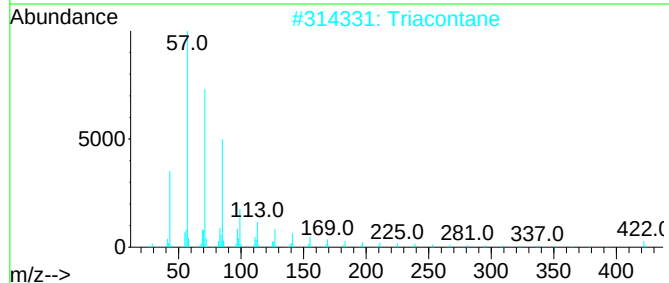
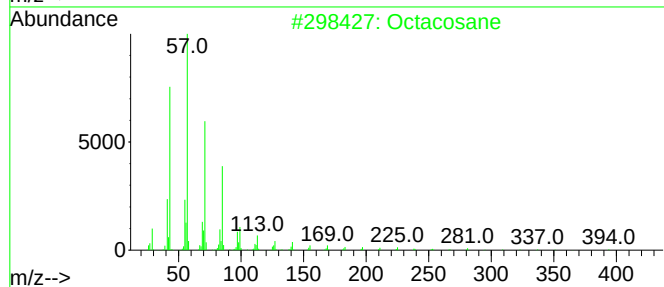
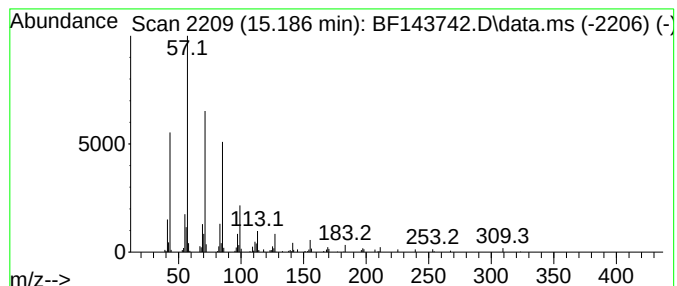
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Peak Number 13 Triacontane Concentration Rank 15

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.186 | 24.01 ng | 262269 | Perylene-d12     | 15.545 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Octacosane             | 394 | C28H58  | 000630-02-4  | 83   |
| 2    |      | Triacontane            | 422 | C30H62  | 000638-68-6  | 83   |
| 3    |      | Eicosane, 1-iodo-      | 408 | C20H41I | 1000406-31-8 | 80   |
| 4    |      | Octadecane, 1-iodo-    | 380 | C18H37I | 000629-93-6  | 80   |
| 5    |      | Heptadecane, 3-methyl- | 254 | C18H38  | 006418-44-6  | 74   |



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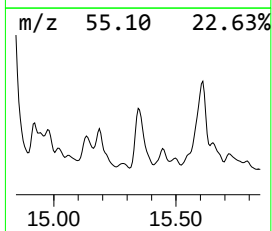
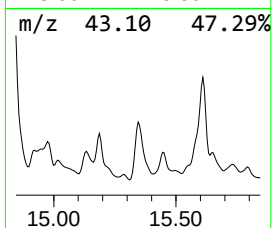
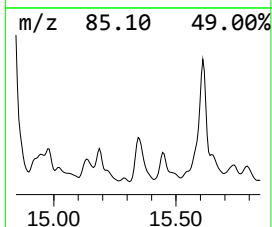
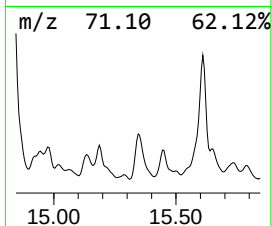
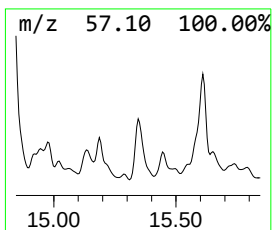
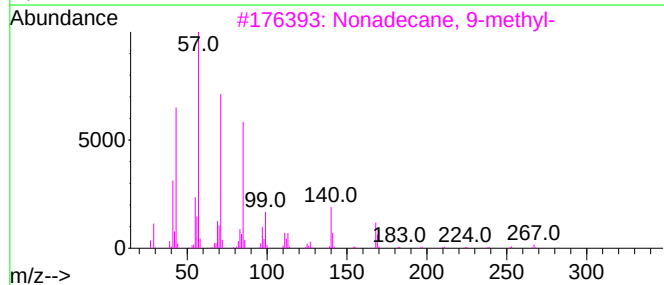
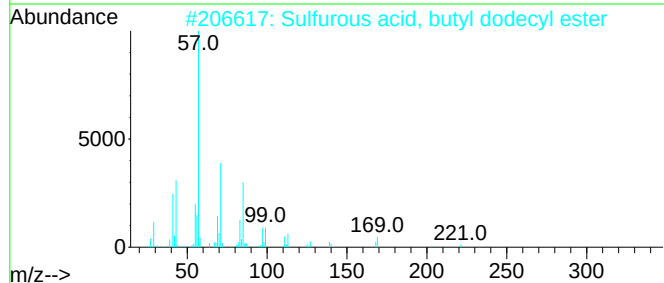
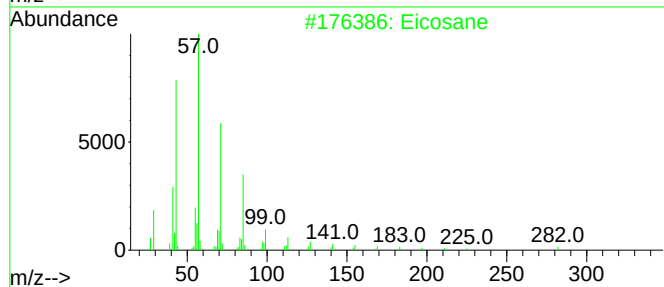
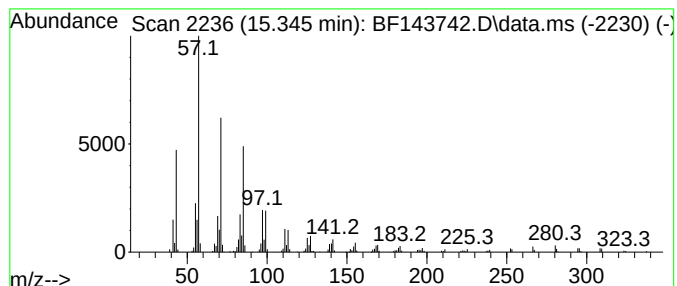
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LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Eicosane Concentration Rank 8

| R.T.    | EstConc  | Area                                | Relative to ISTD |           | R.T.         |      |
|---------|----------|-------------------------------------|------------------|-----------|--------------|------|
| 15.345  | 44.02 ng | 480764                              | Perylene-d12     |           | 15.545       |      |
| Hit# of | 5        | Tentative ID                        | MW               | MolForm   | CAS#         | Qual |
| 1       |          | Eicosane                            | 282              | C20H42    | 000112-95-8  | 95   |
| 2       |          | Sulfurous acid, butyl dodecyl ester | 306              | C16H34O3S | 1000309-17-9 | 91   |
| 3       |          | Nonadecane, 9-methyl-               | 282              | C20H42    | 013287-24-6  | 91   |
| 4       |          | 1-Nonadecene                        | 266              | C19H38    | 018435-45-5  | 91   |
| 5       |          | Octacosane, 2-methyl-               | 408              | C29H60    | 001560-98-1  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
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Operator : RC/JU  
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ALS Vial : 20 Sample Multiplier: 1

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LAW-25-0137

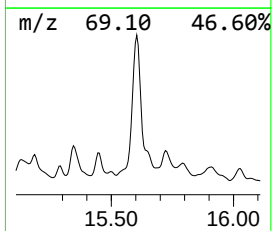
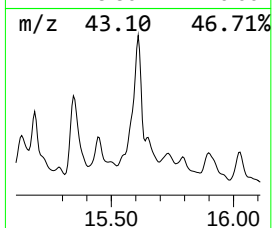
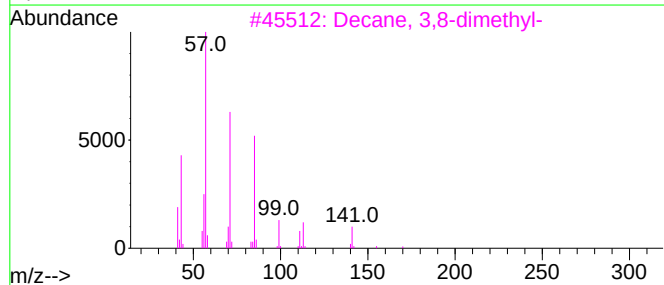
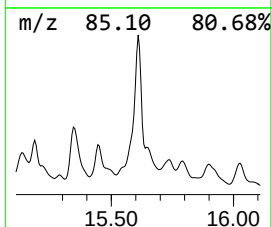
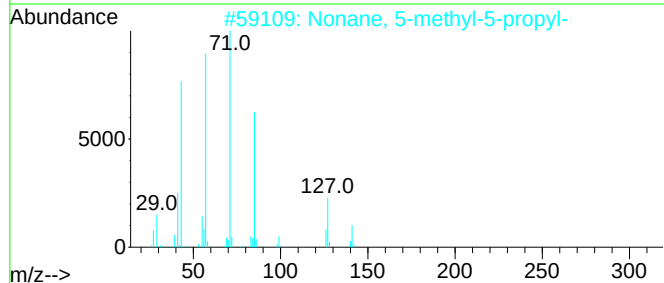
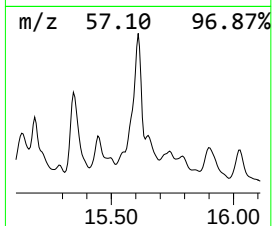
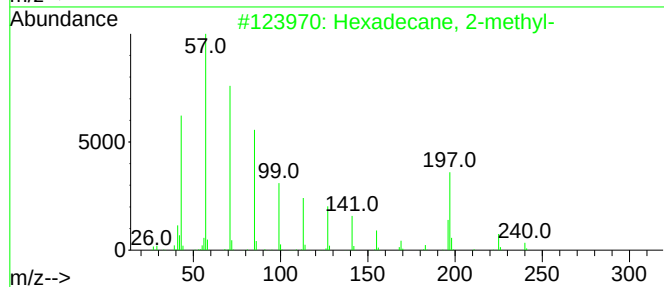
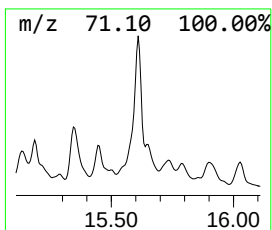
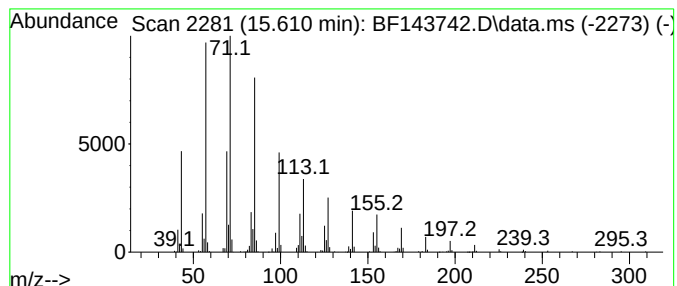
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Nonane, 5-methyl-5-propyl- Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.610 | 67.01 ng | 731874 | Perylene-d12     | 15.545 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane, 2-methyl-               | 240 | C17H36    | 001560-92-5  | 80   |
| 2    |    |   | Nonane, 5-methyl-5-propyl-          | 184 | C13H28    | 017312-75-3  | 50   |
| 3    |    |   | Decane, 3,8-dimethyl-               | 170 | C12H26    | 017312-55-9  | 49   |
| 4    |    |   | Borane, diethyl(decyloxy)-          | 226 | C14H31BO  | 1000152-34-3 | 38   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

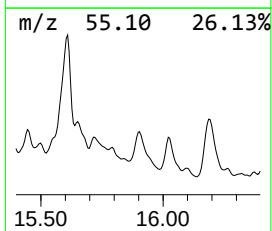
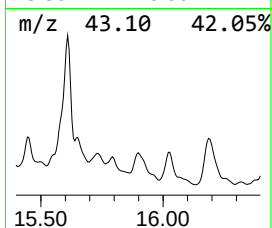
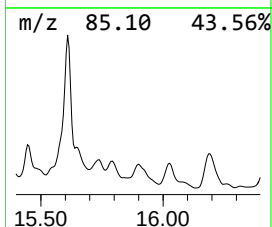
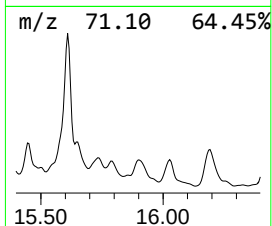
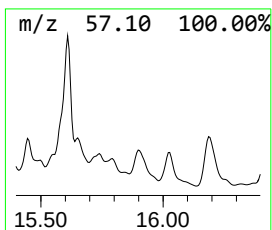
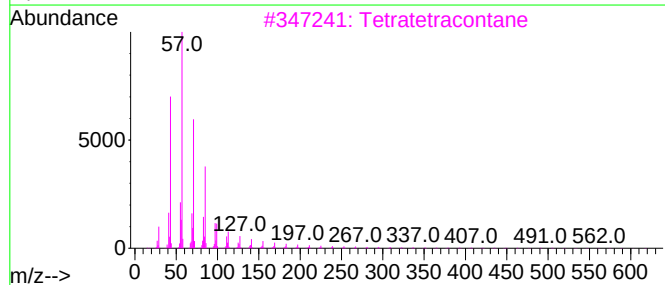
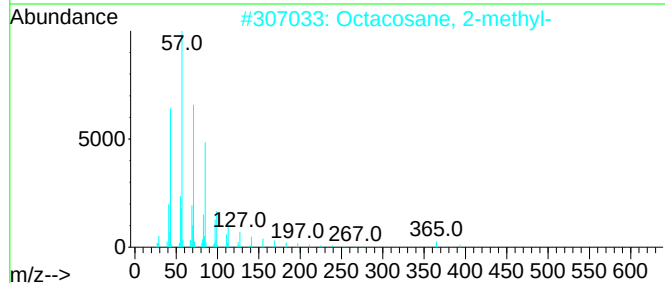
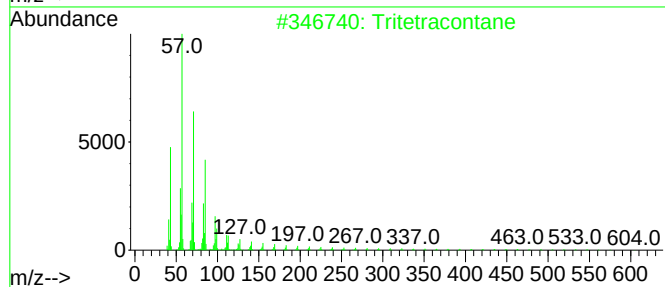
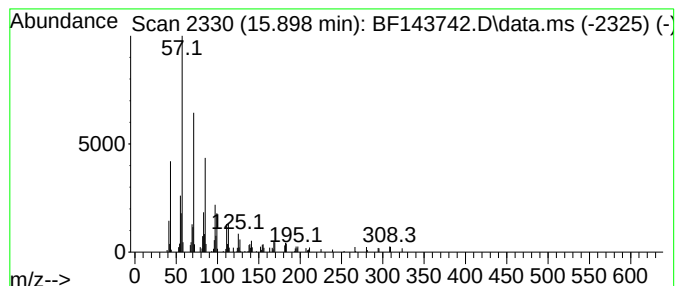
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Peak Number 16 Tritetracontane Concentration Rank 14

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.898 | 24.12 ng | 263487 | Perylene-d12     | 15.545 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Tritetracontane        | 605 | C43H88  | 007098-21-7 | 83   |
| 2    |      | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1 | 83   |
| 3    |      | Tetratetracontane      | 619 | C44H90  | 007098-22-8 | 83   |
| 4    |      | Hentriacontane         | 437 | C31H64  | 000630-04-6 | 83   |
| 5    |      | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

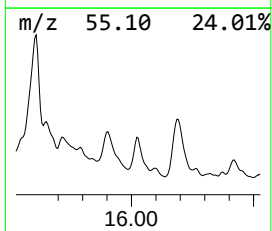
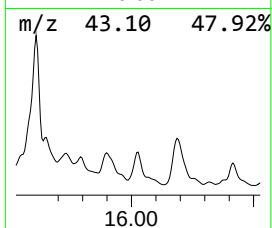
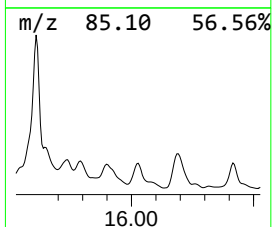
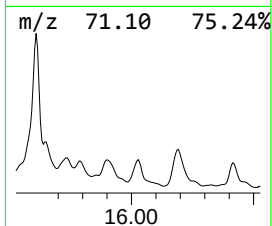
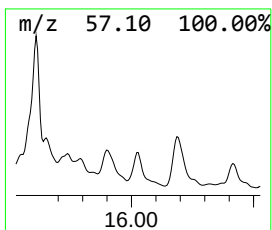
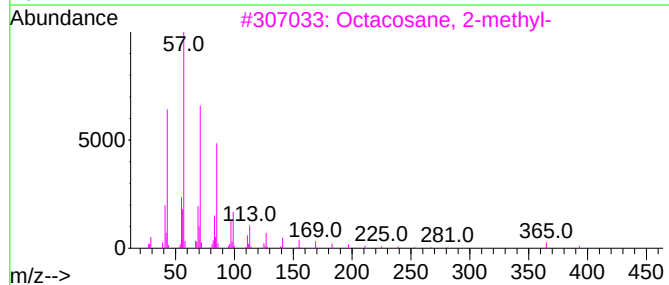
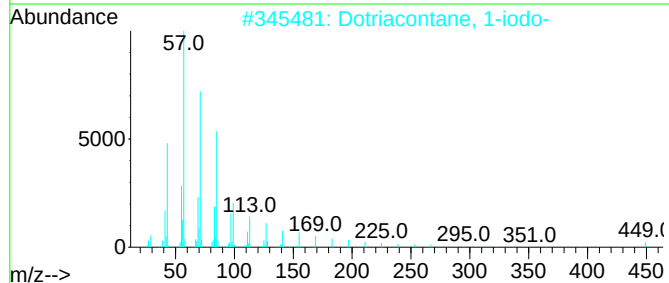
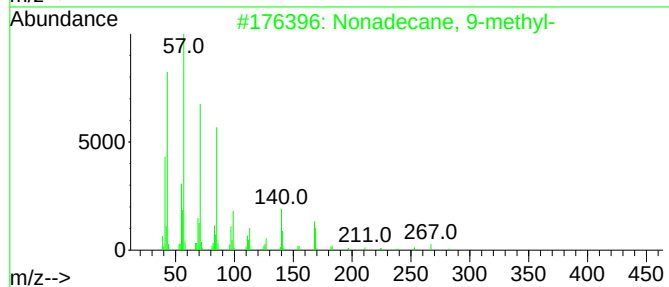
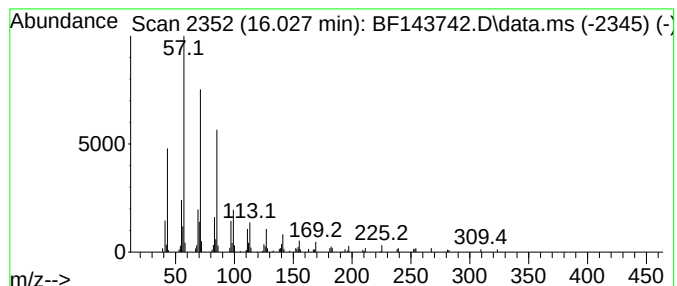
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Peak Number 17 Nonadecane, 9-methyl- Concentration Rank 13

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.027 | 24.82 ng | 271108 | Perylene-d12     | 15.545 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Nonadecane, 9-methyl-  | 282 | C20H42  | 013287-24-6  | 94   |
| 2    |      | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |
| 3    |      | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1  | 91   |
| 4    |      | Triacontane            | 422 | C30H62  | 000638-68-6  | 91   |
| 5    |      | Docosane, 11-decyl-    | 451 | C32H66  | 055401-55-3  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

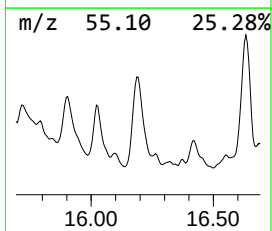
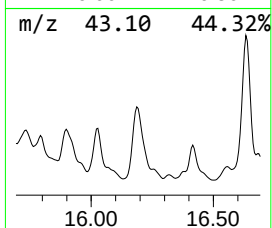
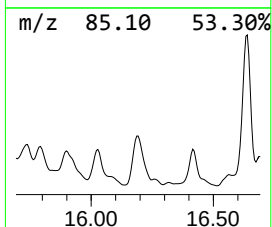
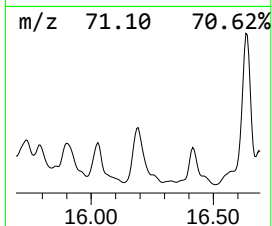
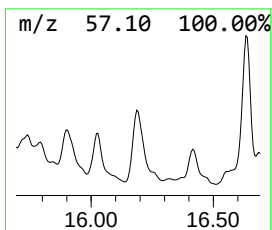
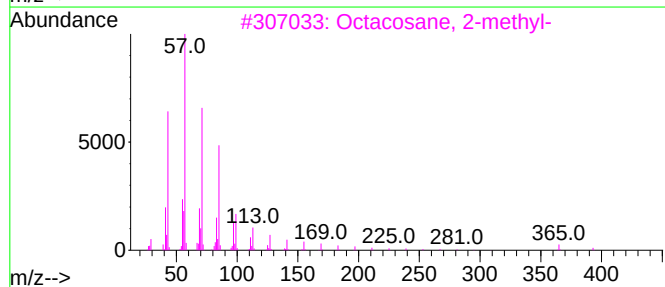
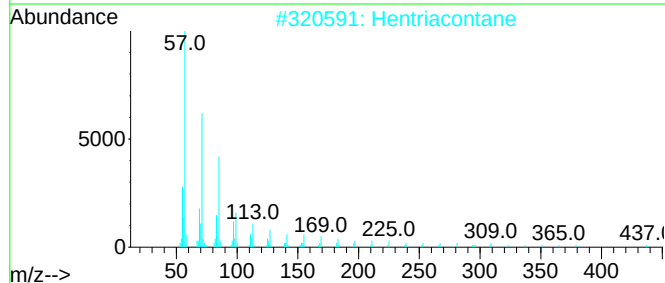
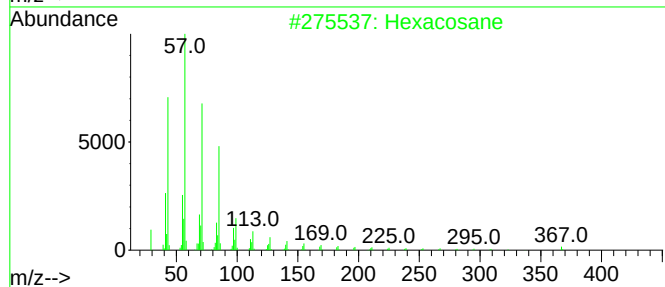
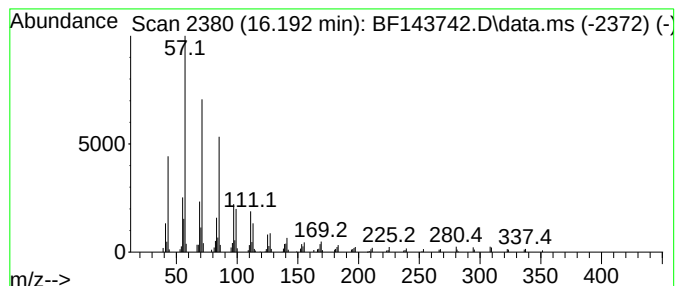
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Octacosane, 2-methyl- Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.192 | 35.11 ng | 383437 | Perylene-d12     | 15.545 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 87   |
| 2    |    |   | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 83   |
| 3    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 83   |
| 4    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1 | 81   |
| 5    |    |   | Docosane              | 310 | C22H46  | 000629-97-0 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

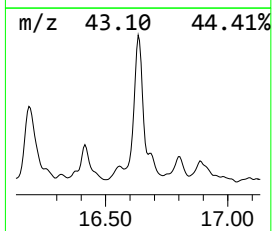
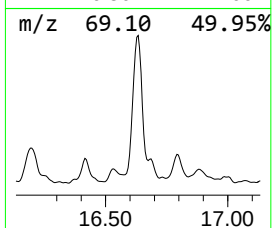
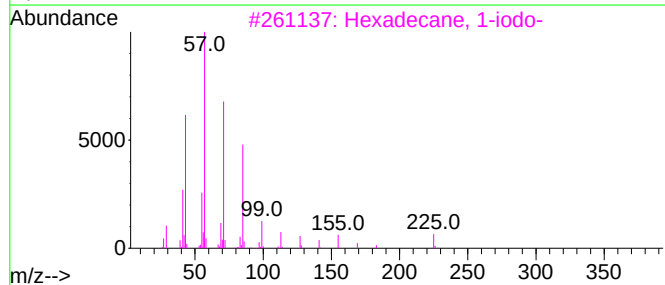
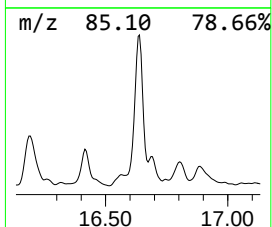
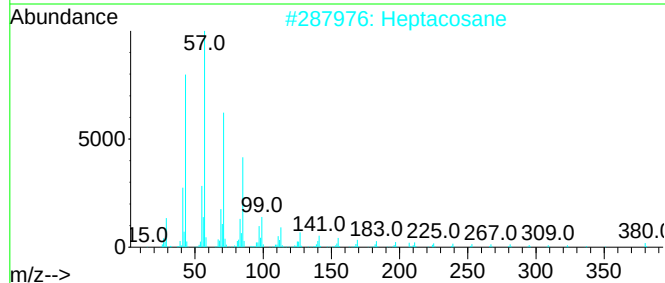
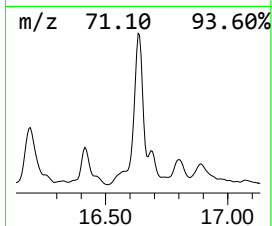
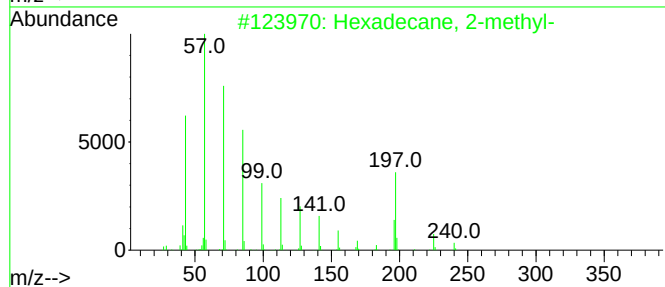
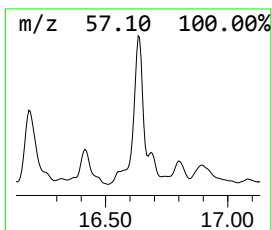
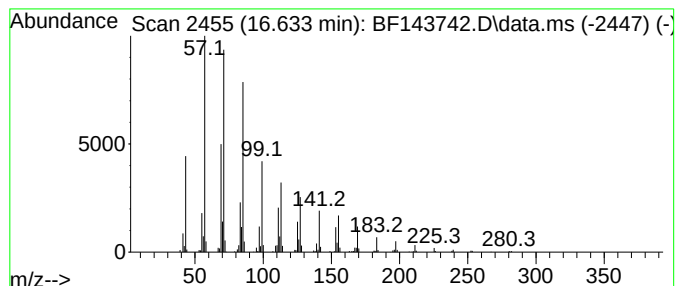
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.633 | 64.65 ng | 706137 | Perylene-d12     | 15.545 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane, 2-methyl- | 240 | C17H36  | 001560-92-5 | 80   |
| 2    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 78   |
| 3    |    |   | Hexadecane, 1-iodo-   | 352 | C16H33I | 000544-77-4 | 59   |
| 4    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8 | 53   |
| 5    |    |   | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
Data File : BF143742.D  
Acq On : 12 Sep 2025 19:36  
Operator : RC/JU  
Sample : Q3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LAW-25-0137

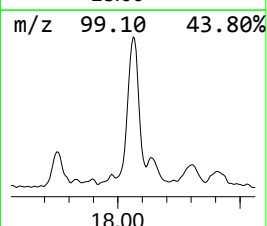
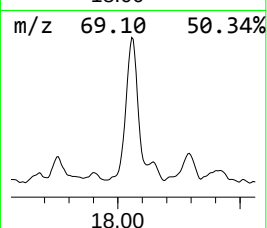
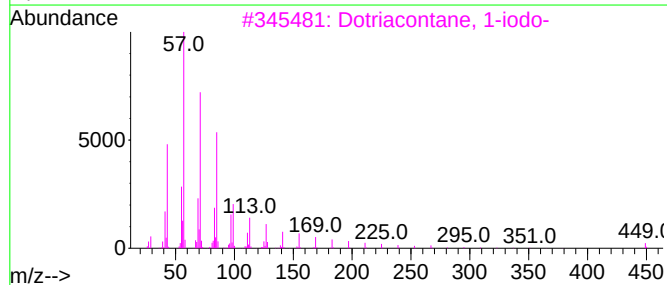
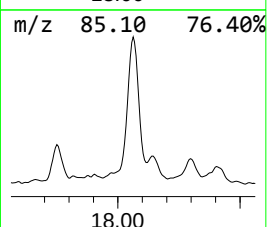
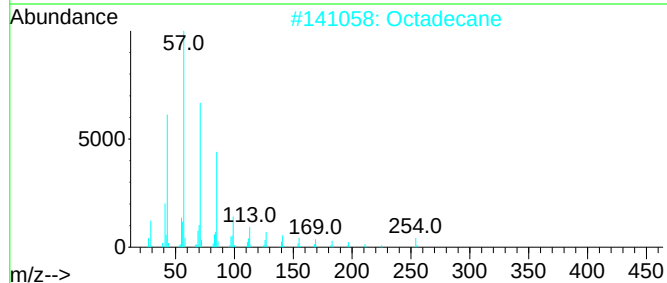
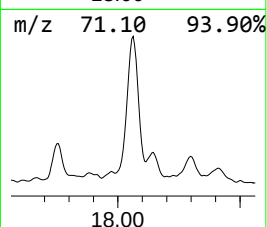
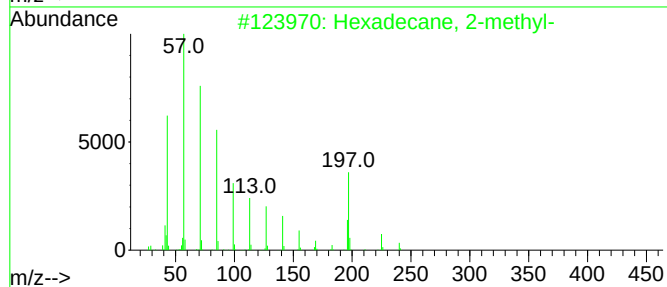
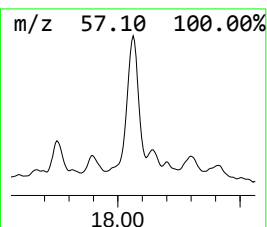
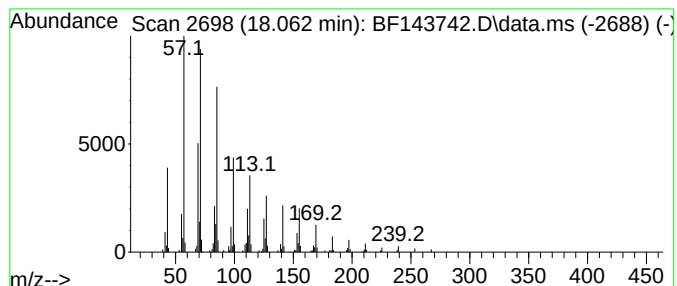
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 Dotriacontane, 1-iodo- Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 18.062 | 46.10 ng | 503506 | Perylene-d12     | 15.545 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|------|-----------------------------------|-----|-----------|--------------|------|
| 1    |      | Hexadecane, 2-methyl-             | 240 | C17H36    | 001560-92-5  | 72   |
| 2    |      | Octadecane                        | 254 | C18H38    | 000593-45-3  | 50   |
| 3    |      | Dotriacontane, 1-iodo-            | 576 | C32H65I   | 1000406-32-4 | 50   |
| 4    |      | Borane, diethyl(decyloxy)-        | 226 | C14H31BO  | 1000152-34-3 | 47   |
| 5    |      | Sulfurous acid, butyl decyl ester | 278 | C14H30O3S | 1000309-17-7 | 43   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091225\  
 Data File : BF143742.D  
 Acq On : 12 Sep 2025 19:36  
 Operator : RC/JU  
 Sample : Q3077-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LAW-25-0137

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.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 |
| Hexacosane         | 10.845 | 20.0    | ng    | 170076   | 4                     | 11.422 | 170237 | 20.0 |
| unknown10.980      | 10.980 | 20.1    | ng    | 170638   | 4                     | 11.422 | 170237 | 20.0 |
| 2-Bromo dodecane   | 11.045 | 47.2    | ng    | 401676   | 4                     | 11.422 | 170237 | 20.0 |
| Nonadecyl penta... | 11.898 | 21.6    | ng    | 184123   | 4                     | 11.422 | 170237 | 20.0 |
| Octacosane         | 11.951 | 95.6    | ng    | 813804   | 4                     | 11.422 | 170237 | 20.0 |
| Cyclohexadecane    | 12.469 | 31.7    | ng    | 269607   | 4                     | 11.422 | 170237 | 20.0 |
| Octadecanoic acid  | 12.733 | 52.1    | ng    | 443271   | 4                     | 11.422 | 170237 | 20.0 |
| Hexatriacontane    | 13.510 | 18.9    | ng    | 529260   | 5                     | 14.063 | 559643 | 20.0 |
| Hexadecane, 2-m... | 14.192 | 30.6    | ng    | 855211   | 5                     | 14.063 | 559643 | 20.0 |
| Octadecane         | 14.698 | 21.6    | ng    | 603176   | 5                     | 14.063 | 559643 | 20.0 |
| Pentacosane        | 14.839 | 110.1   | ng    | 1202030  | 6                     | 15.545 | 218449 | 20.0 |
| Supraene           | 14.921 | 26.4    | ng    | 288650   | 6                     | 15.545 | 218449 | 20.0 |
| Triacontane        | 15.186 | 24.0    | ng    | 262269   | 6                     | 15.545 | 218449 | 20.0 |
| Eicosane           | 15.345 | 44.0    | ng    | 480764   | 6                     | 15.545 | 218449 | 20.0 |
| Nonane, 5-methy... | 15.610 | 67.0    | ng    | 731874   | 6                     | 15.545 | 218449 | 20.0 |
| Tritetracontane    | 15.898 | 24.1    | ng    | 263487   | 6                     | 15.545 | 218449 | 20.0 |
| Nonadecane, 9-m... | 16.027 | 24.8    | ng    | 271108   | 6                     | 15.545 | 218449 | 20.0 |
| Octacosane, 2-m... | 16.192 | 35.1    | ng    | 383437   | 6                     | 15.545 | 218449 | 20.0 |
| Hexadecane, 1-i... | 16.633 | 64.7    | ng    | 706137   | 6                     | 15.545 | 218449 | 20.0 |
| Dotriacontane, ... | 18.062 | 46.1    | ng    | 503506   | 6                     | 15.545 | 218449 | 20.0 |