

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
 Data File : BM050066.D  
 Acq On : 01 May 2025 16:05  
 Operator : RC/JU  
 Sample : Q1914-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SS-1

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\_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050066.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         | 4.869       | 315           | 320         | 330          | rBV      | 251775         | 367175        | 3.96%           | 0.448%        |
| 2         | 5.340       | 392           | 400         | 426          | rBV      | 2575905        | 3931896       | 42.44%          | 4.797%        |
| 3         | 6.934       | 660           | 671         | 691          | rBV      | 2230815        | 4030343       | 43.51%          | 4.917%        |
| 4         | 7.375       | 740           | 746         | 754          | rBV      | 117158         | 173080        | 1.87%           | 0.211%        |
| 5         | 7.745       | 801           | 809         | 819          | rBV      | 837174         | 1380884       | 14.91%          | 1.685%        |
| 6         | 8.281       | 889           | 900         | 907          | rBV7     | 45194          | 142807        | 1.54%           | 0.174%        |
| 7         | 8.404       | 914           | 921         | 926          | rBV3     | 47689          | 111352        | 1.20%           | 0.136%        |
| 8         | 8.851       | 987           | 997         | 1000         | rBV2     | 60210          | 124211        | 1.34%           | 0.152%        |
| 9         | 8.904       | 1000          | 1006        | 1014         | rVV      | 1362458        | 2441677       | 26.36%          | 2.979%        |
| 10        | 8.975       | 1014          | 1018        | 1028         | rVB      | 296864         | 474961        | 5.13%           | 0.579%        |
| 11        | 9.098       | 1028          | 1039        | 1046         | rVB10    | 53363          | 169915        | 1.83%           | 0.207%        |
| 12        | 9.204       | 1046          | 1057        | 1061         | rBV8     | 36473          | 126526        | 1.37%           | 0.154%        |
| 13        | 9.463       | 1093          | 1101        | 1106         | rBV5     | 52368          | 113719        | 1.23%           | 0.139%        |
| 14        | 9.828       | 1154          | 1163        | 1167         | rVB3     | 71275          | 160761        | 1.74%           | 0.196%        |
| 15        | 9.892       | 1169          | 1174        | 1178         | rBV3     | 72151          | 115126        | 1.24%           | 0.140%        |
| 16        | 10.075      | 1200          | 1205        | 1209         | rBV      | 64884          | 96286         | 1.04%           | 0.117%        |
| 17        | 10.539      | 1273          | 1284        | 1290         | rBV2     | 994736         | 2396944       | 25.87%          | 2.924%        |
| 18        | 10.704      | 1308          | 1312        | 1318         | rVB      | 159174         | 238505        | 2.57%           | 0.291%        |
| 19        | 10.763      | 1318          | 1322        | 1330         | rBV6     | 53816          | 113845        | 1.23%           | 0.139%        |
| 20        | 10.951      | 1346          | 1354        | 1360         | rBV9     | 38385          | 104023        | 1.12%           | 0.127%        |
| 21        | 11.210      | 1393          | 1398        | 1400         | rBV3     | 53209          | 95142         | 1.03%           | 0.116%        |
| 22        | 11.304      | 1411          | 1414        | 1421         | rVB2     | 69437          | 128525        | 1.39%           | 0.157%        |
| 23        | 11.380      | 1422          | 1427        | 1433         | rBV3     | 110587         | 185140        | 2.00%           | 0.226%        |
| 24        | 11.457      | 1435          | 1440        | 1447         | rVB2     | 147665         | 273690        | 2.95%           | 0.334%        |
| 25        | 11.569      | 1454          | 1459        | 1463         | rBV      | 197343         | 333010        | 3.59%           | 0.406%        |
| 26        | 11.651      | 1469          | 1473        | 1479         | rVB3     | 49264          | 92751         | 1.00%           | 0.113%        |
| 27        | 11.733      | 1482          | 1487        | 1496         | rVB3     | 121846         | 233542        | 2.52%           | 0.285%        |
| 28        | 11.969      | 1518          | 1527        | 1533         | rBV      | 716343         | 1145358       | 12.36%          | 1.397%        |
| 29        | 12.192      | 1558          | 1565        | 1570         | rVB4     | 95551          | 229279        | 2.47%           | 0.280%        |
| 30        | 12.463      | 1606          | 1611        | 1616         | rVB2     | 155370         | 225797        | 2.44%           | 0.275%        |
| 31        | 12.610      | 1629          | 1636        | 1639         | rBV5     | 105744         | 179275        | 1.94%           | 0.219%        |
| 32        | 12.651      | 1639          | 1643        | 1650         | rBV5     | 96642          | 187935        | 2.03%           | 0.229%        |
| 33        | 12.716      | 1650          | 1654        | 1657         | rBV2     | 100531         | 140292        | 1.51%           | 0.171%        |
| 34        | 12.786      | 1662          | 1666        | 1671         | rVB3     | 127035         | 194461        | 2.10%           | 0.237%        |
| 35        | 12.874      | 1677          | 1681        | 1687         | rBV4     | 138299         | 258984        | 2.80%           | 0.316%        |
| 36        | 12.933      | 1687          | 1691        | 1696         | rVV3     | 265613         | 384099        | 4.15%           | 0.469%        |

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 Sample : Q1914-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SS-1

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\_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.010 | 1698 | 1704 | 1714 | rVB  | 4290028 | 6088977 | 65.73% | 7.429% |
| 38 | 13.221 | 1733 | 1740 | 1747 | rBV  | 903712  | 1334944 | 14.41% | 1.629% |
| 39 | 13.333 | 1752 | 1759 | 1764 | rVV2 | 128748  | 321165  | 3.47%  | 0.392% |
| 40 | 13.380 | 1765 | 1767 | 1772 | rVB2 | 107596  | 144402  | 1.56%  | 0.176% |
| 41 | 13.457 | 1772 | 1780 | 1783 | rBV7 | 49225   | 113890  | 1.23%  | 0.139% |
| 42 | 13.668 | 1812 | 1816 | 1821 | rBV5 | 67354   | 151395  | 1.63%  | 0.185% |
| 43 | 13.857 | 1844 | 1848 | 1849 | rBV2 | 159180  | 195529  | 2.11%  | 0.239% |
| 44 | 13.880 | 1849 | 1852 | 1855 | rVV  | 307291  | 403405  | 4.35%  | 0.492% |
| 45 | 13.921 | 1855 | 1859 | 1864 | rVB2 | 194465  | 274874  | 2.97%  | 0.335% |
| 46 | 13.998 | 1870 | 1872 | 1876 | rVB  | 127087  | 139356  | 1.50%  | 0.170% |
| 47 | 14.298 | 1917 | 1923 | 1928 | rBV  | 1204052 | 1536994 | 16.59% | 1.875% |
| 48 | 14.392 | 1931 | 1939 | 1947 | rVV  | 1595539 | 2490857 | 26.89% | 3.039% |
| 49 | 14.757 | 1994 | 2001 | 2005 | rBV5 | 109122  | 273987  | 2.96%  | 0.334% |
| 50 | 14.798 | 2005 | 2008 | 2014 | rVB2 | 130772  | 180191  | 1.95%  | 0.220% |
| 51 | 14.915 | 2025 | 2028 | 2037 | rVB3 | 237405  | 387768  | 4.19%  | 0.473% |
| 52 | 14.986 | 2037 | 2040 | 2042 | rBV  | 86557   | 97961   | 1.06%  | 0.120% |
| 53 | 15.215 | 2075 | 2079 | 2081 | rBV  | 283324  | 377340  | 4.07%  | 0.460% |
| 54 | 15.251 | 2081 | 2085 | 2090 | rVB  | 1155411 | 1488853 | 16.07% | 1.816% |
| 55 | 15.345 | 2098 | 2101 | 2110 | rVB5 | 64790   | 107929  | 1.17%  | 0.132% |
| 56 | 15.657 | 2147 | 2154 | 2159 | rBV  | 363540  | 593915  | 6.41%  | 0.725% |
| 57 | 15.757 | 2165 | 2171 | 2176 | rBV  | 934860  | 1336517 | 14.43% | 1.631% |
| 58 | 15.804 | 2176 | 2179 | 2185 | rVB2 | 123556  | 200641  | 2.17%  | 0.245% |
| 59 | 15.886 | 2186 | 2193 | 2201 | rBV  | 3250761 | 4929411 | 53.21% | 6.014% |
| 60 | 16.109 | 2227 | 2231 | 2234 | rBV  | 1201084 | 1580767 | 17.06% | 1.929% |
| 61 | 16.321 | 2263 | 2267 | 2271 | rVB  | 132657  | 167436  | 1.81%  | 0.204% |
| 62 | 16.451 | 2286 | 2289 | 2293 | rBV2 | 92075   | 126286  | 1.36%  | 0.154% |
| 63 | 16.904 | 2361 | 2366 | 2370 | rBV  | 1040831 | 1229799 | 13.27% | 1.500% |
| 64 | 16.956 | 2371 | 2375 | 2385 | rVB  | 401157  | 664951  | 7.18%  | 0.811% |
| 65 | 17.139 | 2401 | 2406 | 2411 | rBV2 | 1744697 | 2542627 | 27.45% | 3.102% |
| 66 | 17.433 | 2452 | 2456 | 2464 | rVB3 | 131724  | 263355  | 2.84%  | 0.321% |
| 67 | 17.562 | 2475 | 2478 | 2484 | rVB3 | 107876  | 151957  | 1.64%  | 0.185% |
| 68 | 17.639 | 2487 | 2491 | 2497 | rBV  | 883474  | 1046704 | 11.30% | 1.277% |
| 69 | 17.809 | 2516 | 2520 | 2526 | rVB  | 1143875 | 1460924 | 15.77% | 1.782% |
| 70 | 18.045 | 2555 | 2560 | 2568 | rBV2 | 775362  | 1348994 | 14.56% | 1.646% |
| 71 | 18.109 | 2568 | 2571 | 2575 | rVB  | 326247  | 403989  | 4.36%  | 0.493% |
| 72 | 18.333 | 2605 | 2609 | 2614 | rBV  | 746205  | 866606  | 9.35%  | 1.057% |
| 73 | 18.462 | 2627 | 2631 | 2638 | rVB2 | 221788  | 316247  | 3.41%  | 0.386% |
| 74 | 18.586 | 2648 | 2652 | 2657 | rBV2 | 99876   | 182102  | 1.97%  | 0.222% |
| 75 | 18.956 | 2710 | 2715 | 2718 | rBV2 | 3109098 | 3981123 | 42.97% | 4.857% |
| 76 | 18.992 | 2718 | 2721 | 2733 | rVB2 | 1857747 | 2415636 | 26.08% | 2.947% |

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Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

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\_M\Methods\8270-BM042825.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 19.121 | 2740 | 2743 | 2750 | rVB  | 298037  | 360156  | 3.89%   | 0.439%  |
| 78 | 19.203 | 2753 | 2757 | 2763 | rVB  | 275415  | 403451  | 4.36%   | 0.492%  |
| 79 | 19.256 | 2764 | 2766 | 2771 | rVB3 | 84696   | 103213  | 1.11%   | 0.126%  |
| 80 | 19.321 | 2772 | 2777 | 2787 | rBV2 | 354108  | 741774  | 8.01%   | 0.905%  |
| 81 | 19.550 | 2812 | 2816 | 2827 | rVB2 | 460295  | 840758  | 9.08%   | 1.026%  |
| 82 | 19.768 | 2847 | 2853 | 2860 | rBV  | 8283836 | 9264042 | 100.00% | 11.303% |
| 83 | 20.080 | 2903 | 2906 | 2910 | rVB2 | 286842  | 330271  | 3.57%   | 0.403%  |
| 84 | 20.227 | 2928 | 2931 | 2934 | rBV2 | 93412   | 103560  | 1.12%   | 0.126%  |
| 85 | 20.580 | 2987 | 2991 | 2994 | rBV  | 199765  | 225452  | 2.43%   | 0.275%  |
| 86 | 21.062 | 3069 | 3073 | 3080 | rVB2 | 220300  | 346158  | 3.74%   | 0.422%  |
| 87 | 21.380 | 3121 | 3127 | 3133 | rBV2 | 1896913 | 3056883 | 33.00%  | 3.730%  |
| 88 | 21.521 | 3148 | 3151 | 3156 | rBV  | 201668  | 288086  | 3.11%   | 0.351%  |
| 89 | 24.374 | 3628 | 3636 | 3645 | rBV  | 1183440 | 2879121 | 31.08%  | 3.513%  |

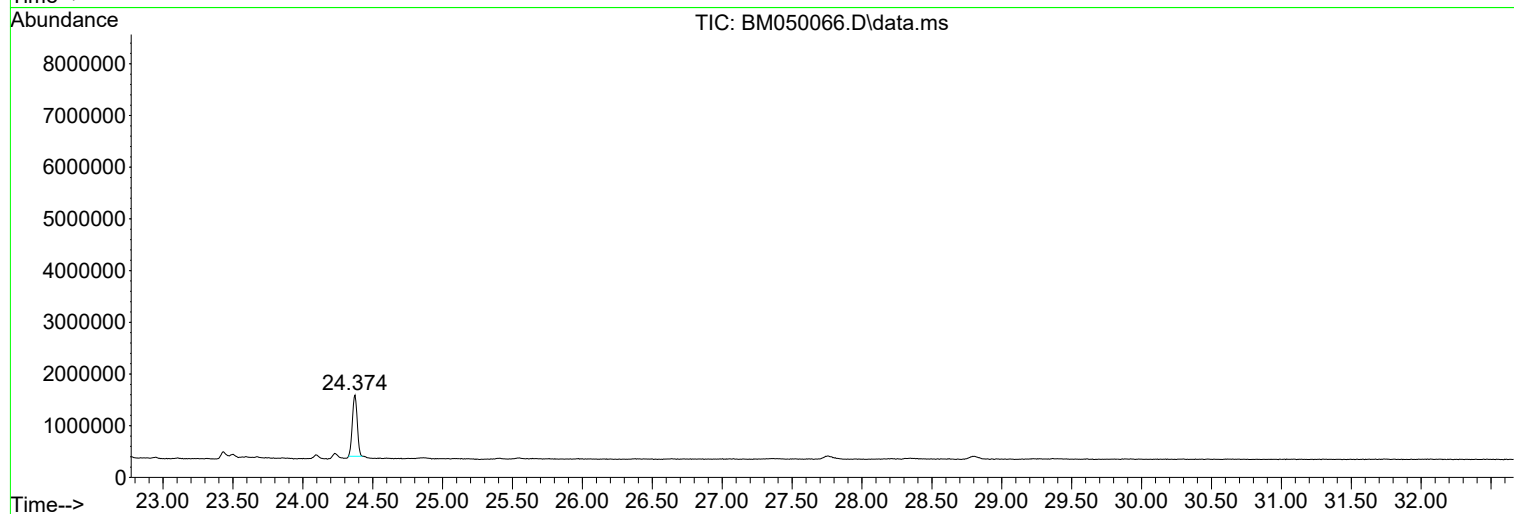
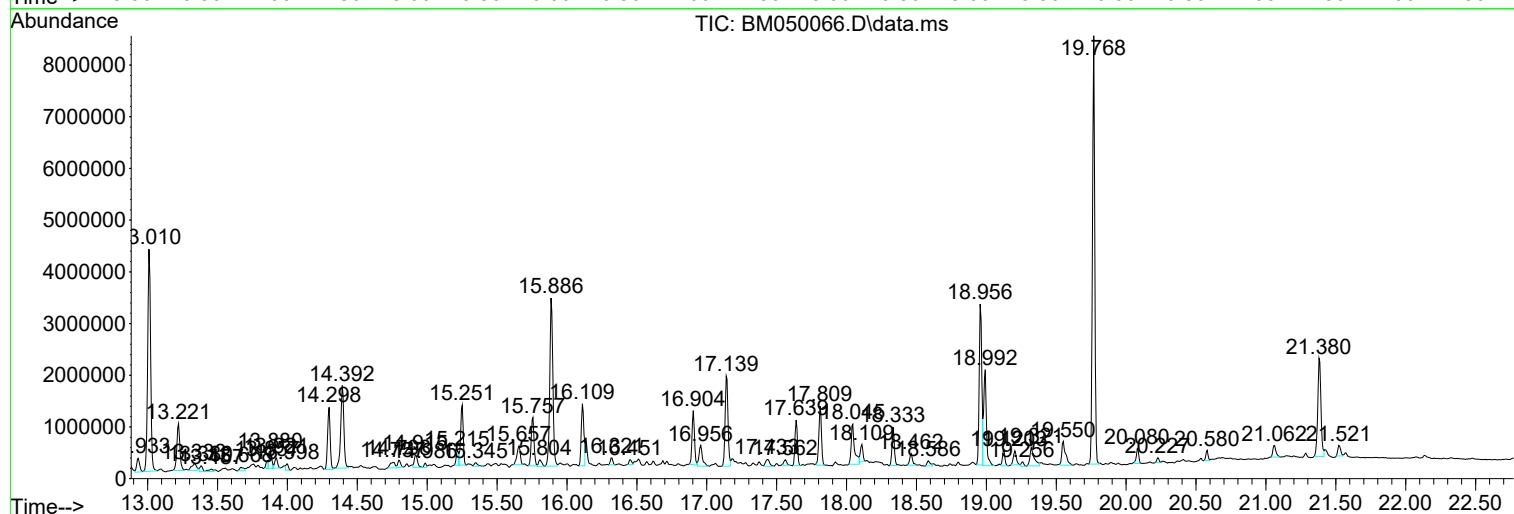
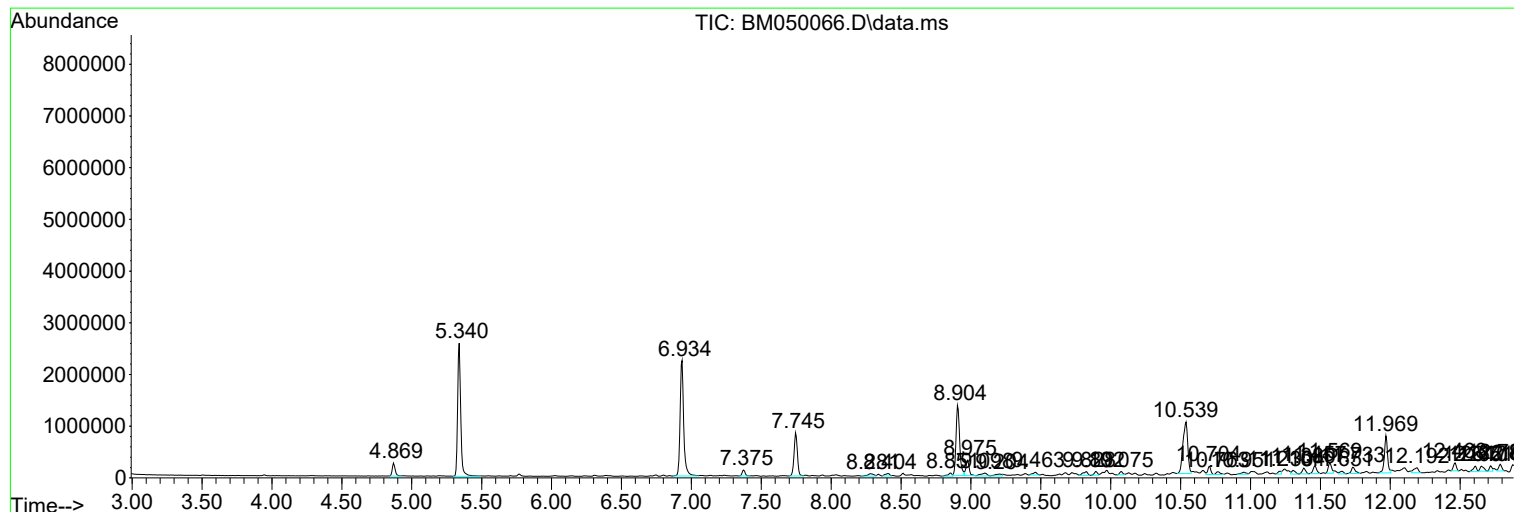
Sum of corrected areas: 81964045

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.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\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

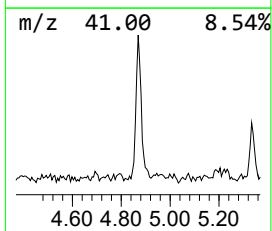
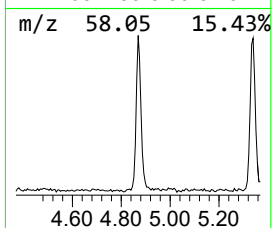
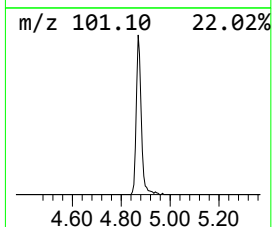
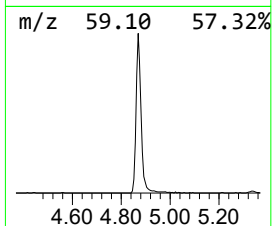
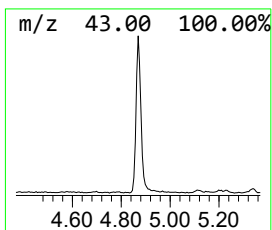
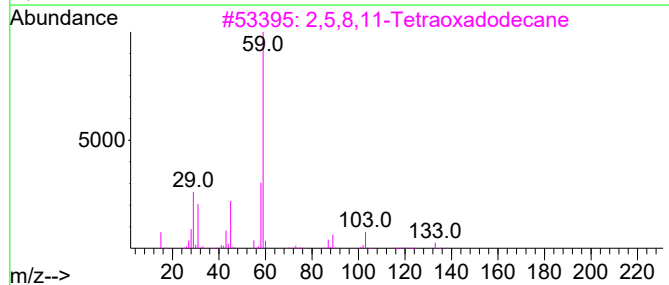
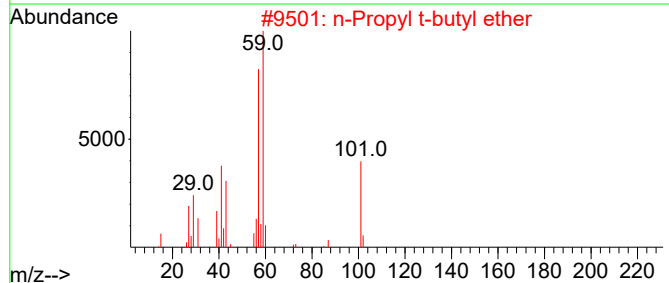
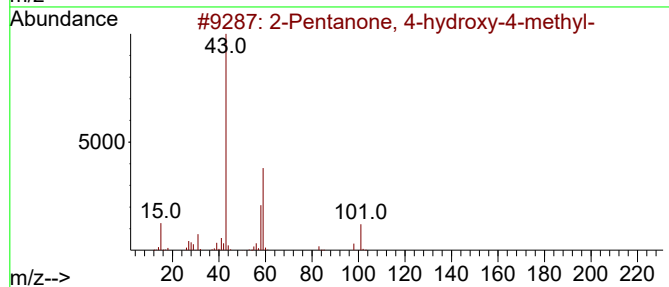
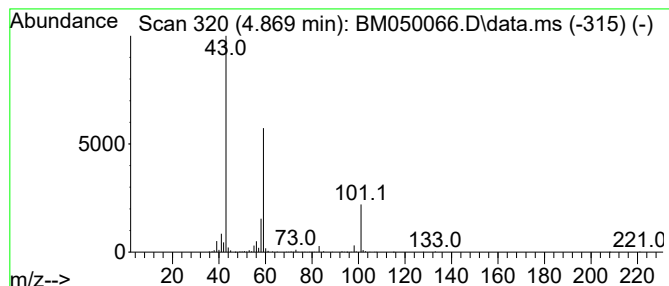
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 4.869     | 5.32 ng                             | 367175 | 1,4-Dichlorobenzene-d4 | 7.745        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116    | C6H12O2                | 000123-42-2  | 56   |
| 2         | n-Propyl t-butyl ether              | 116    | C7H16O                 | 1000334-81-9 | 36   |
| 3         | 2,5,8,11-Tetraoxadodecane           | 178    | C8H18O4                | 000112-49-2  | 23   |
| 4         | Acetic acid, cyano-, 1,1-dimethy... | 141    | C7H11NO2               | 001116-98-9  | 23   |
| 5         | 1-Propen-2-ol, acetate              | 100    | C5H8O2                 | 000108-22-5  | 10   |



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Instrument :  
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SS-1

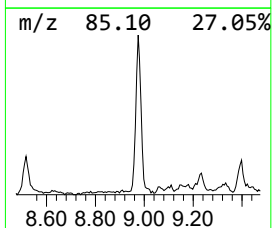
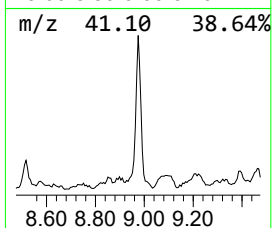
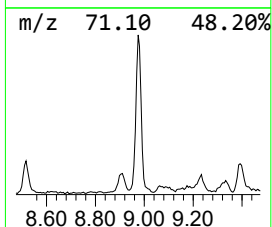
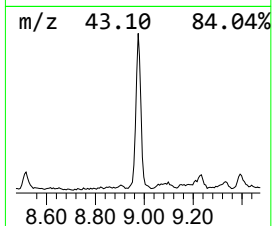
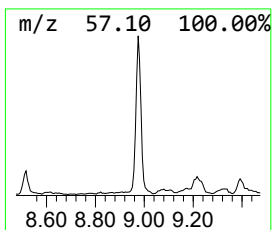
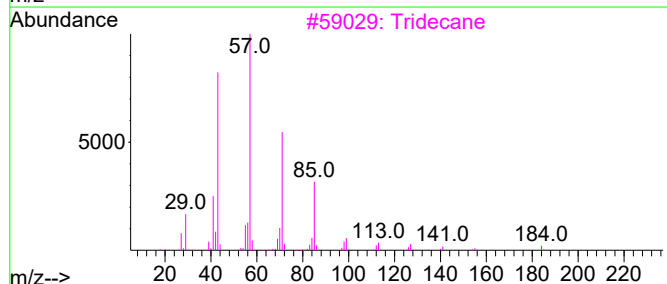
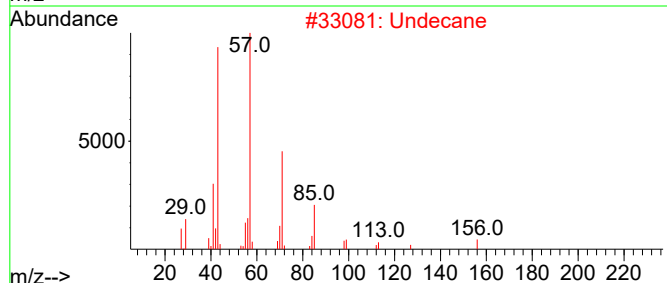
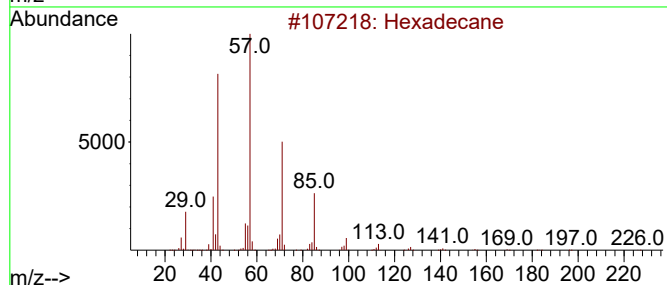
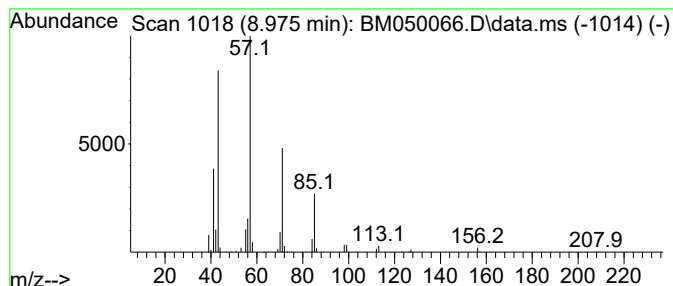
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Hexadecane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.975 | 6.88 ng | 474961 | 1,4-Dichlorobenzene-d4 | 7.745 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane              | 226 | C16H34  | 000544-76-3 | 90   |
| 2    |      | Undecane                | 156 | C11H24  | 001120-21-4 | 87   |
| 3    |      | Tridecane               | 184 | C13H28  | 000629-50-5 | 83   |
| 4    |      | Decane, 2-methyl-       | 156 | C11H24  | 006975-98-0 | 80   |
| 5    |      | Dodecane, 4,6-dimethyl- | 198 | C14H30  | 061141-72-8 | 72   |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

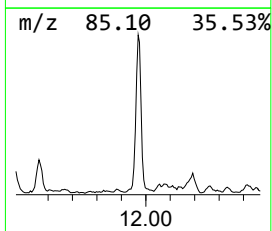
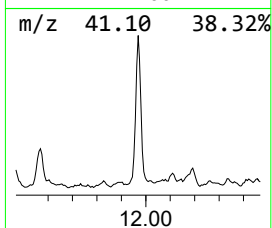
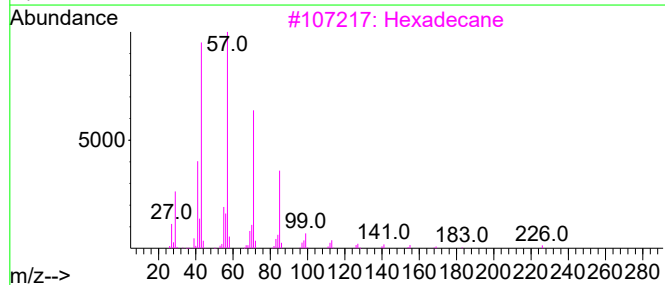
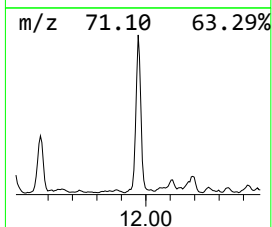
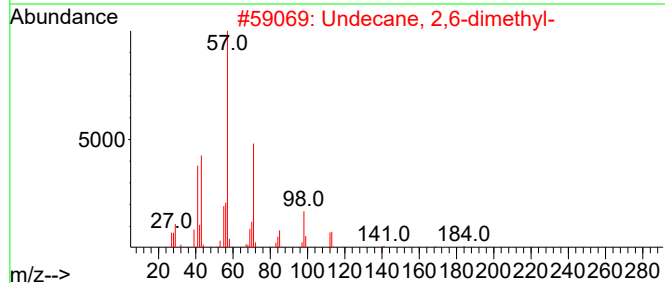
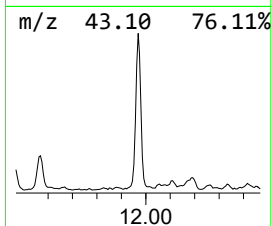
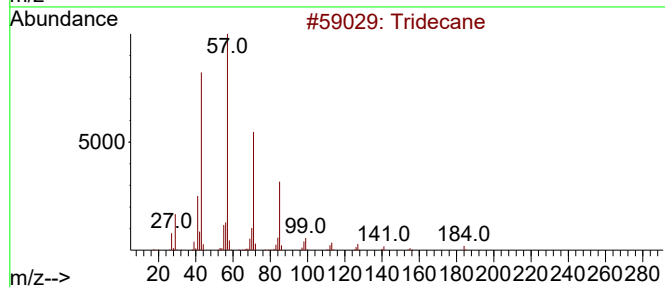
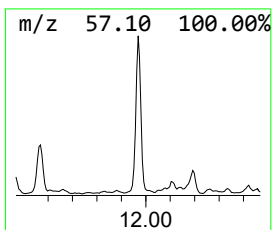
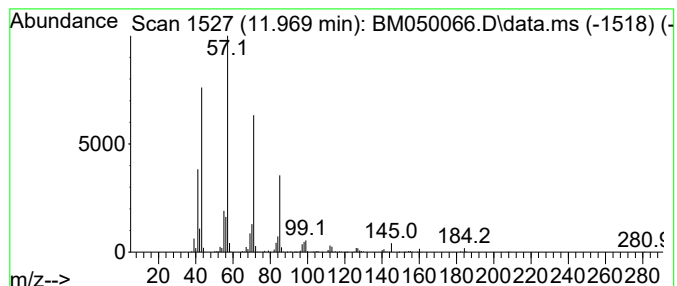
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ClientSampleId :  
SS-1

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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 3 Tridecane Concentration Rank 10

| R.T.      | EstConc                            | Area    | Relative to ISTD | R.T.         |      |
|-----------|------------------------------------|---------|------------------|--------------|------|
| 11.969    | 9.56 ng                            | 1145360 | Naphthalene-d8   | 10.539       |      |
| Hit# of 5 | Tentative ID                       | MW      | MolForm          | CAS#         | Qual |
| 1         | Tridecane                          | 184     | C13H28           | 000629-50-5  | 93   |
| 2         | Undecane, 2,6-dimethyl-            | 184     | C13H28           | 017301-23-4  | 76   |
| 3         | Hexadecane                         | 226     | C16H34           | 000544-76-3  | 72   |
| 4         | Carbonic acid, eicosyl vinyl ester | 368     | C23H44O3         | 1000382-54-3 | 72   |
| 5         | Dodecane, 2-methyl-                | 184     | C13H28           | 001560-97-0  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

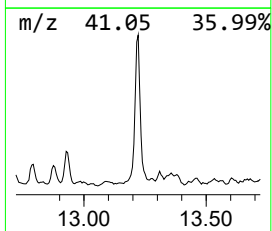
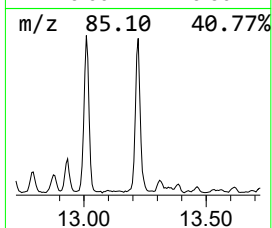
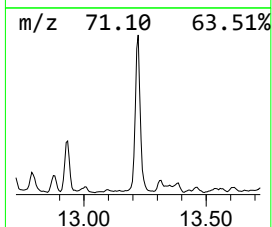
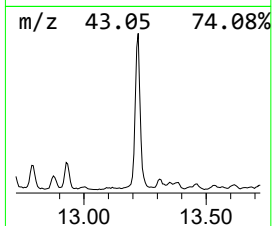
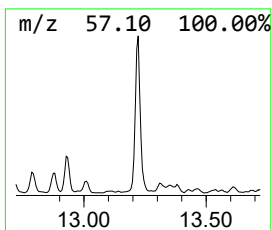
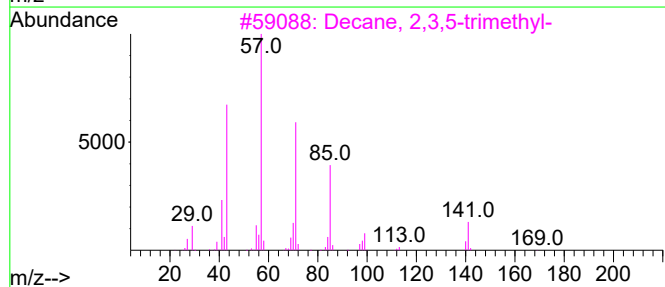
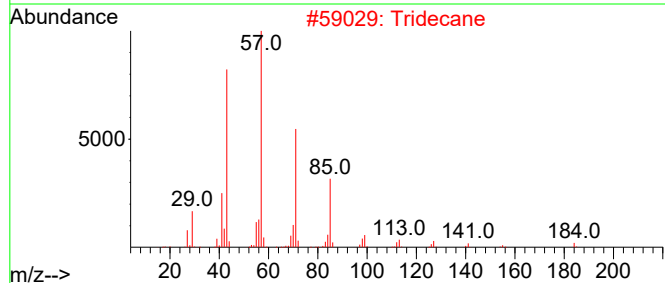
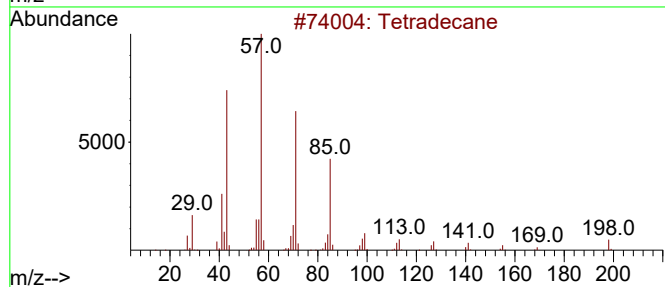
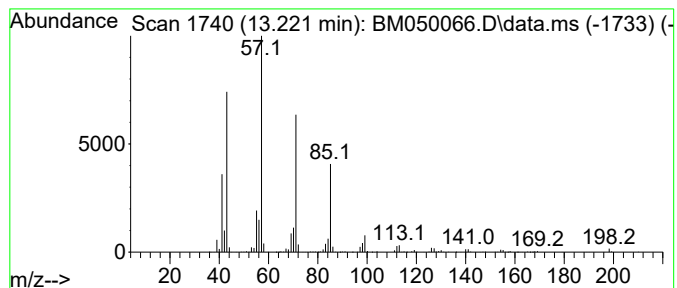
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Tetradecane Concentration Rank 7

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.221 | 10.72 ng | 1334940 | Acenaphthene-d10 | 14.392 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 91   |
| 2    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 83   |
| 4    |    |   | Nonadecane               | 268 | C19H40  | 000629-92-5 | 83   |
| 5    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SS-1

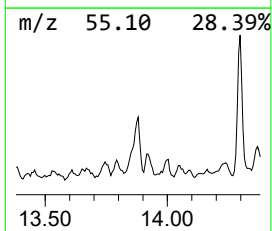
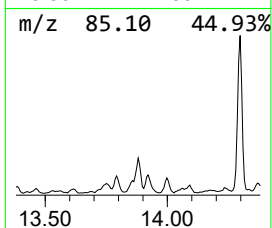
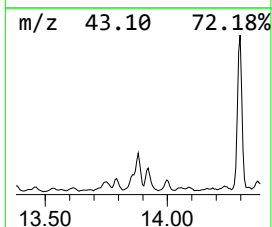
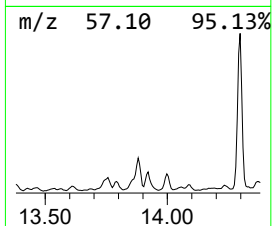
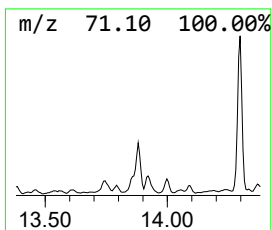
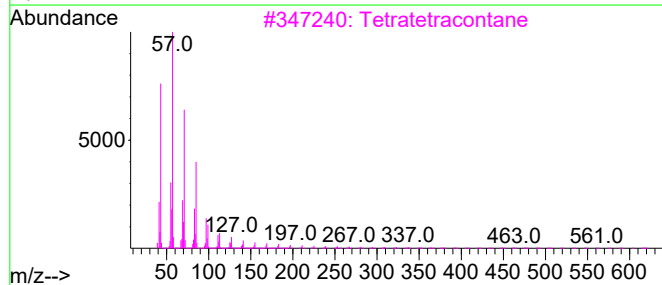
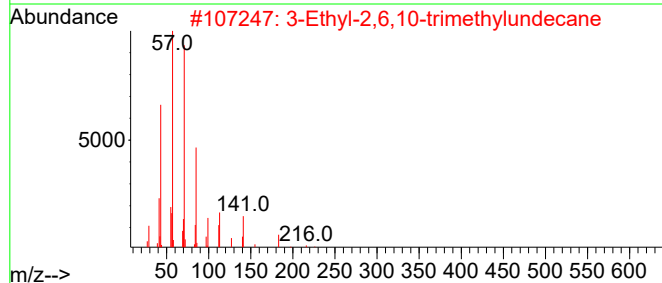
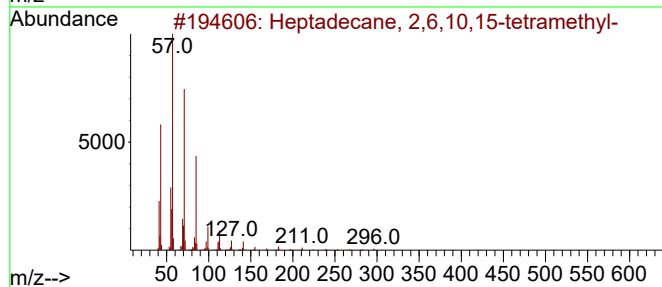
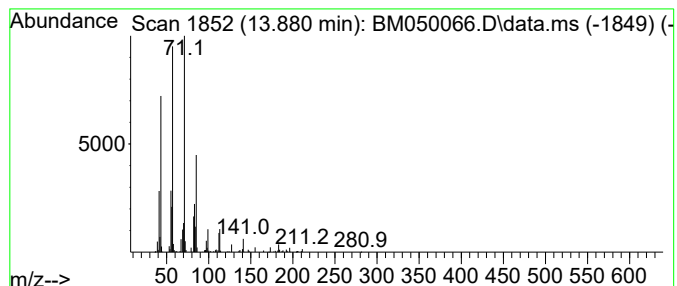
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 19

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.880    | 3.24 ng                             | 403405 | Acenaphthene-d10 | 14.392       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6  | 80   |
| 2         | 3-Ethyl-2,6,10-trimethylundecane    | 226    | C16H34           | 1000432-25-9 | 80   |
| 3         | Tetratetracontane                   | 619    | C44H90           | 007098-22-8  | 64   |
| 4         | Tritetracontane                     | 605    | C43H88           | 007098-21-7  | 64   |
| 5         | Tridecane                           | 184    | C13H28           | 000629-50-5  | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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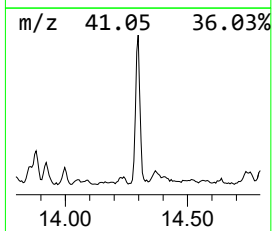
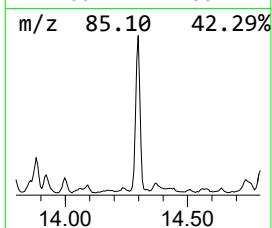
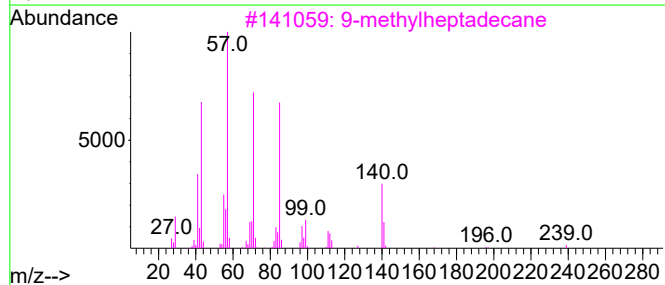
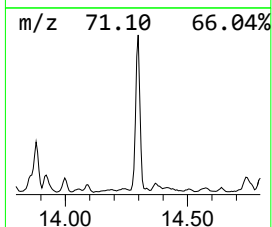
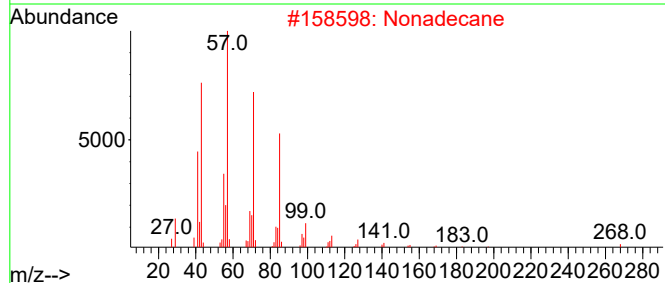
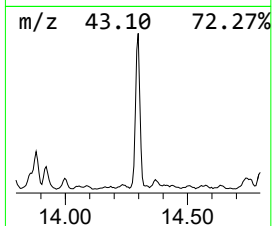
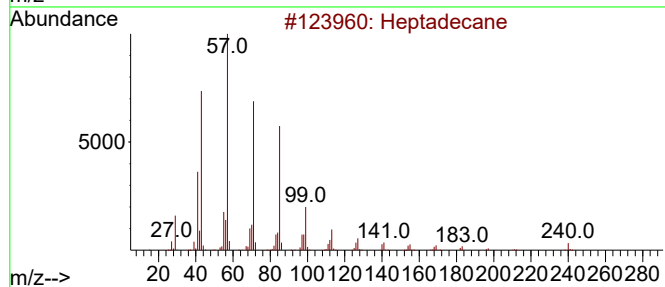
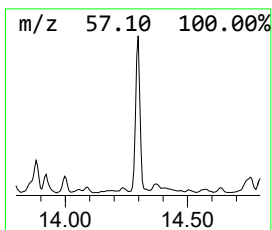
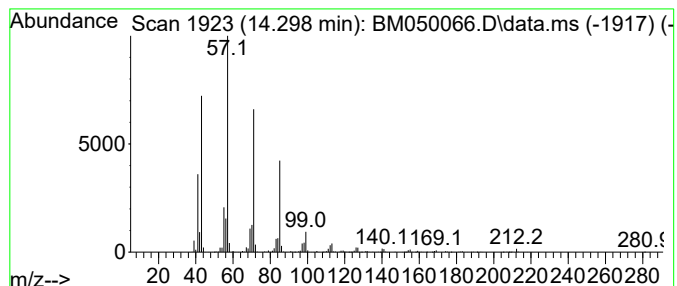
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Heptadecane Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.298 | 12.34 ng | 1536990 | Acenaphthene-d10 | 14.392 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane         | 240 | C17H36  | 000629-78-7 | 90   |
| 2    |    |   | Nonadecane          | 268 | C19H40  | 000629-92-5 | 87   |
| 3    |    |   | 9-methylheptadecane | 254 | C18H38  | 026741-18-4 | 80   |
| 4    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 72   |
| 5    |    |   | Nonane, 5-butyl-    | 184 | C13H28  | 017312-63-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
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Misc :  
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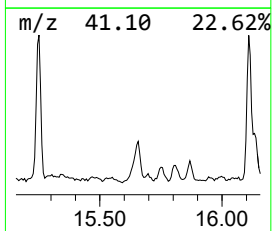
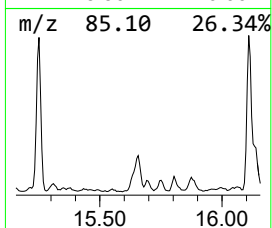
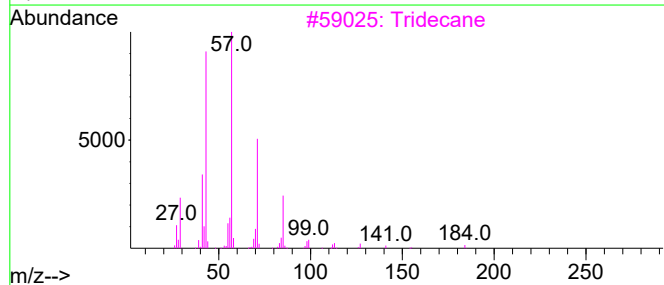
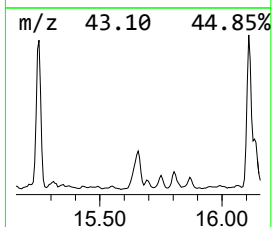
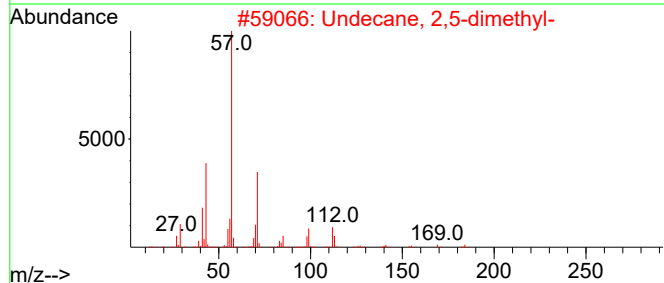
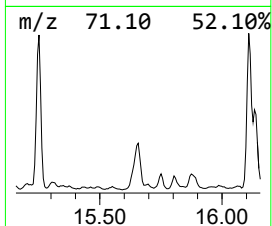
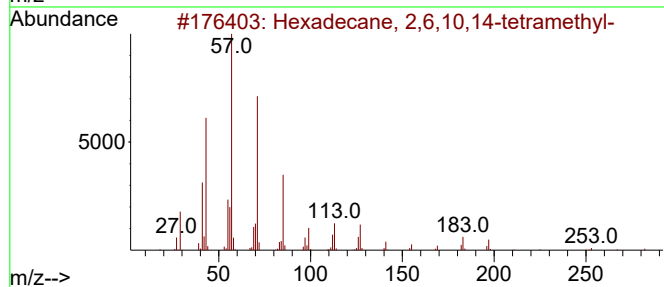
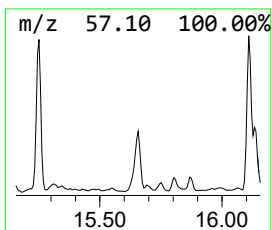
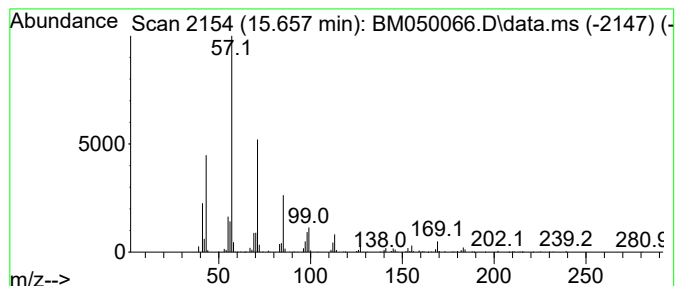
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

| R.T.      | EstConc                            | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------------|--------|------------------|---------|-------------|------|
| 15.657    | 4.77 ng                            | 593915 | Acenaphthene-d10 |         | 14.392      |      |
| Hit# of 5 | Tentative ID                       |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl- |        | 282              | C20H42  | 000638-36-8 | 80   |
| 2         | Undecane, 2,5-dimethyl-            |        | 184              | C13H28  | 017301-22-3 | 76   |
| 3         | Tridecane                          |        | 184              | C13H28  | 000629-50-5 | 64   |
| 4         | Undecane, 3,5-dimethyl-            |        | 184              | C13H28  | 017312-81-1 | 64   |
| 5         | Hexadecane                         |        | 226              | C16H34  | 000544-76-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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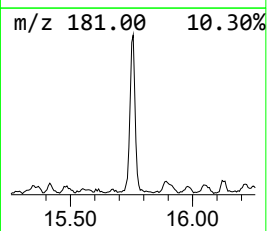
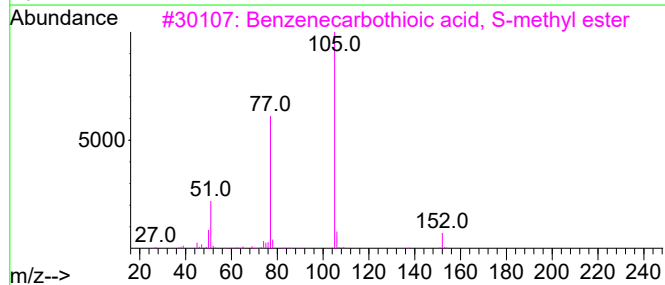
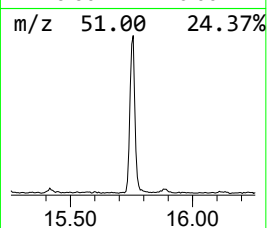
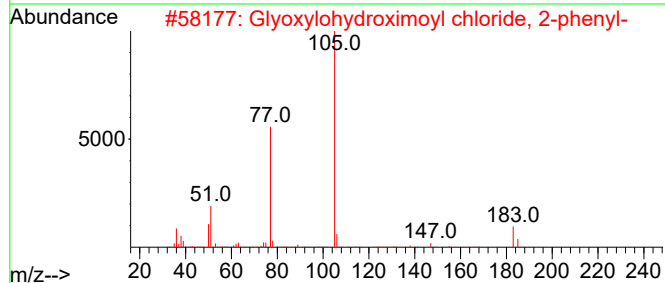
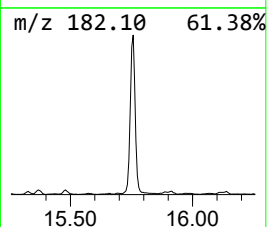
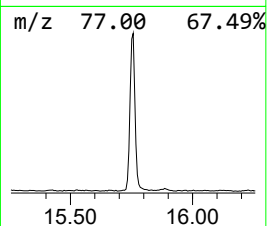
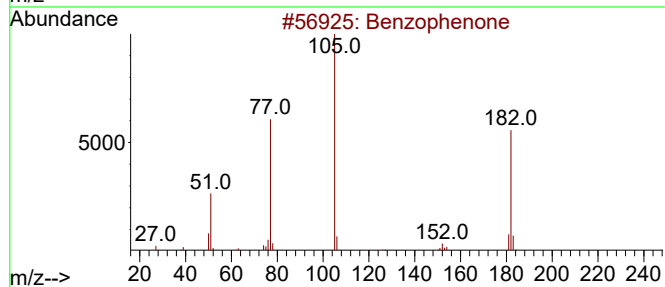
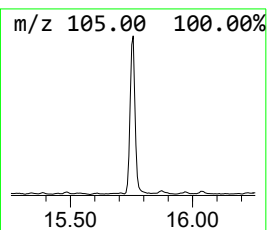
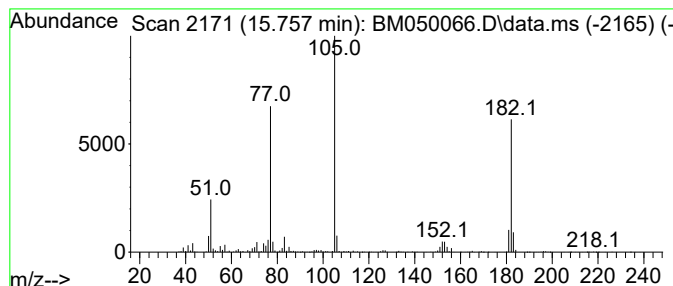
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Benzophenone Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.757 | 10.73 ng | 1336520 | Acenaphthene-d10 | 14.392 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9 | 97   |
| 2    |    |   | Glyoxylohydroximoyl chloride, 2-... | 183 | C8H6ClNO2 | 004937-87-5 | 43   |
| 3    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS    | 005925-68-8 | 43   |
| 4    |    |   | Acetophenone, 2-chloro-             | 154 | C8H7ClO   | 000532-27-4 | 43   |
| 5    |    |   | Vinyl benzoate                      | 148 | C9H8O2    | 000769-78-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

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BNA\_M  
ClientSampleId :  
SS-1

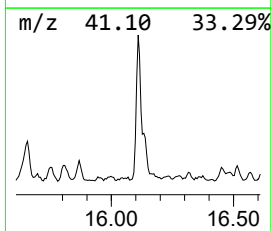
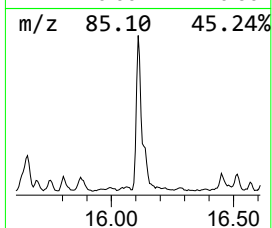
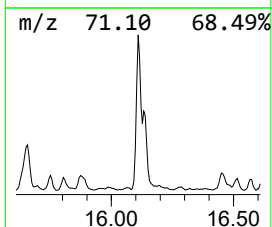
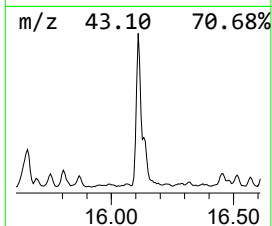
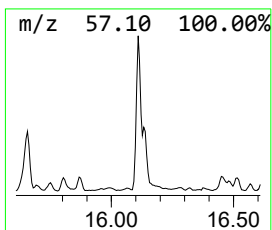
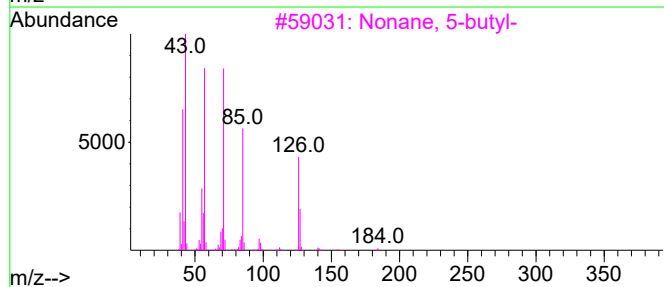
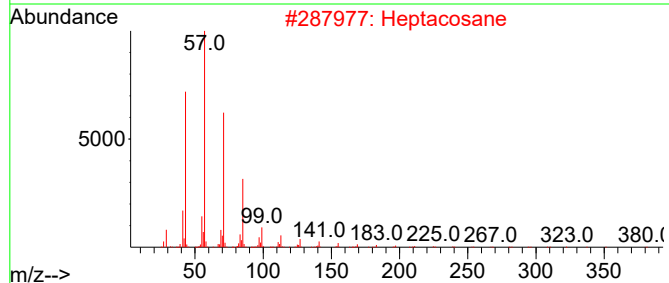
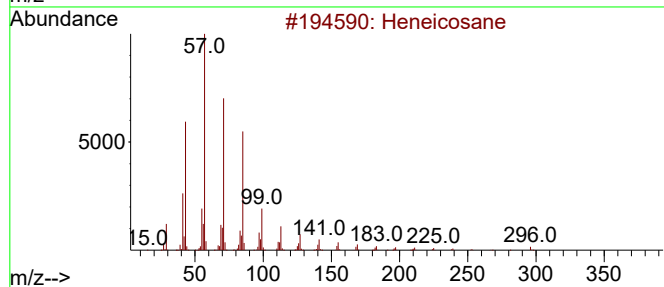
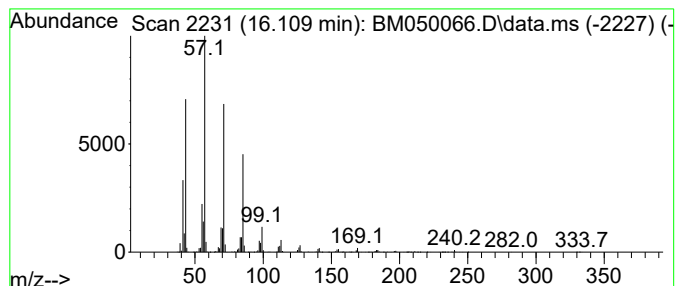
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Heneicosane Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 16.110 | 12.43 ng | 1580770 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane      | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Heptacosane      | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    |   | Nonane, 5-butyl- | 184 | C13H28  | 017312-63-9 | 90   |
| 4    |    |   | Tetracosane      | 338 | C24H50  | 000646-31-1 | 90   |
| 5    |    |   | Heptadecane      | 240 | C17H36  | 000629-78-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

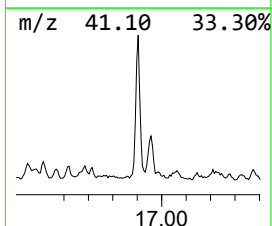
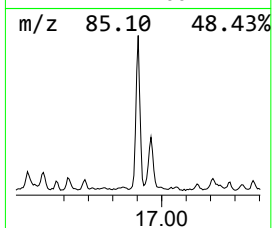
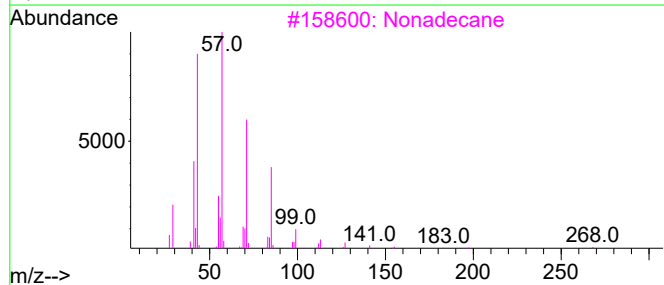
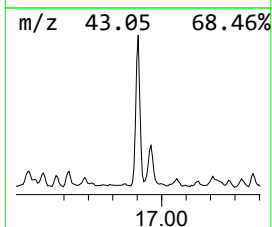
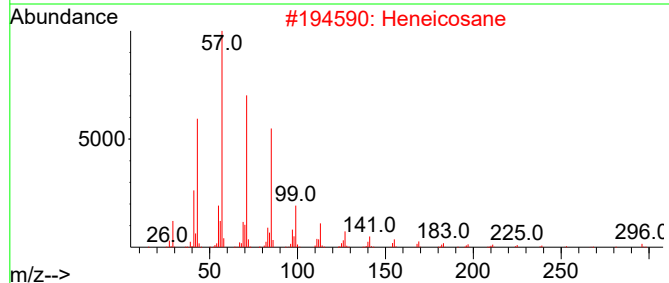
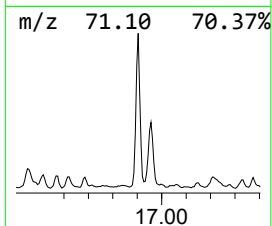
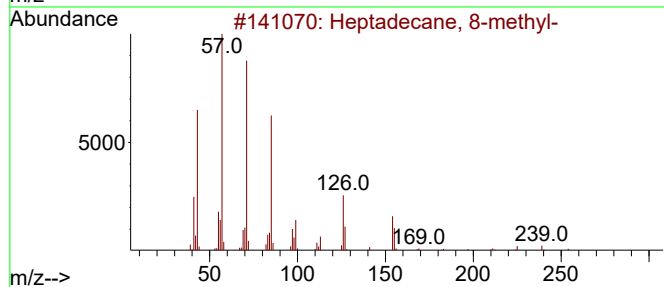
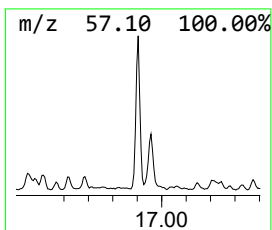
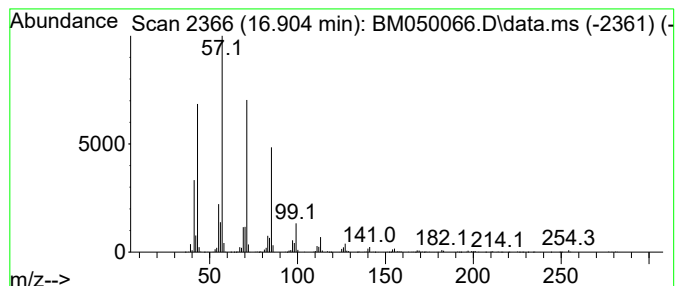
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Heptadecane, 8-methyl- Concentration Rank 9

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 16.904 | 9.67 ng | 1229800 | Phenanthrene-d10 | 17.139 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane, 8-methyl- | 254 | C18H38  | 013287-23-5 | 93   |
| 2    |      | Heneicosane            | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |      | Nonadecane             | 268 | C19H40  | 000629-92-5 | 90   |
| 4    |      | Pentadecane            | 212 | C15H32  | 000629-62-9 | 90   |
| 5    |      | Heptadecane            | 240 | C17H36  | 000629-78-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

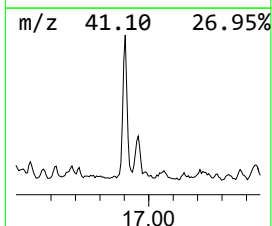
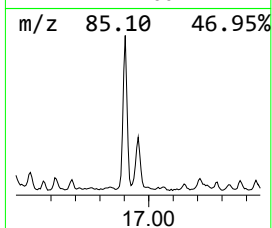
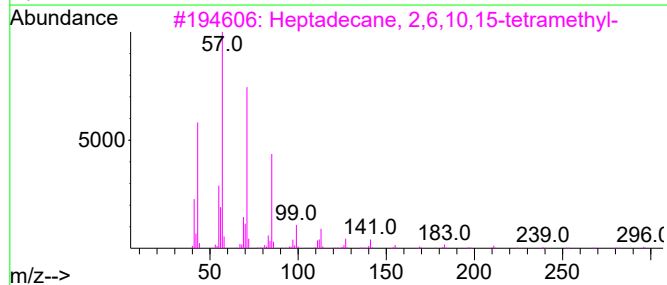
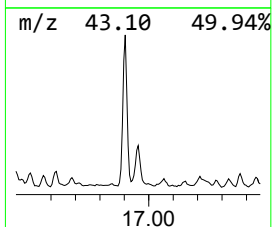
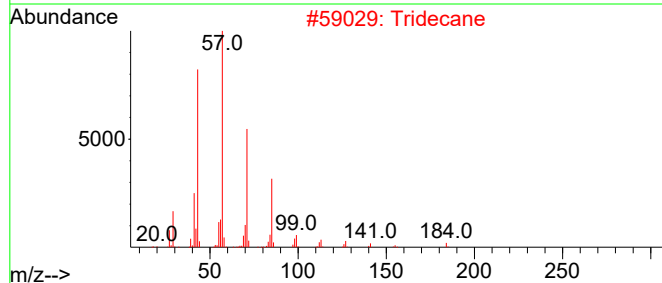
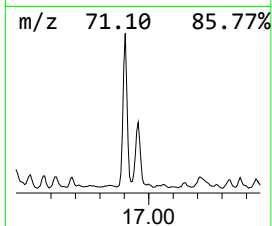
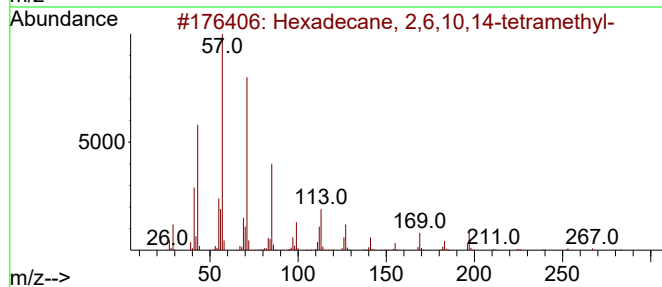
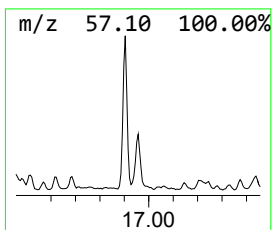
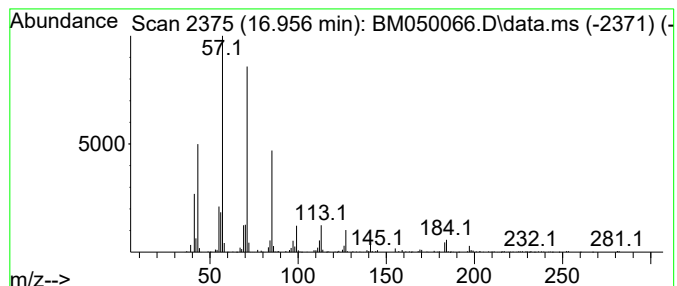
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Tetradecane, 1-iodo- Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.956 | 5.23 ng | 664951 | Phenanthrene-d10 | 17.139 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8 | 93   |
| 2    |      | Tridecane                           | 184 | C13H28  | 000629-50-5 | 91   |
| 3    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 87   |
| 4    |      | Tetradecane, 1-iodo-                | 324 | C14H29I | 019218-94-1 | 86   |
| 5    |      | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

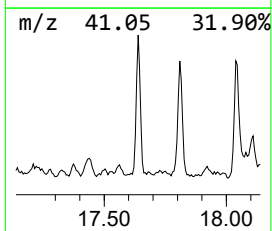
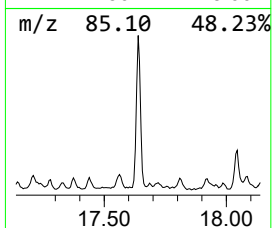
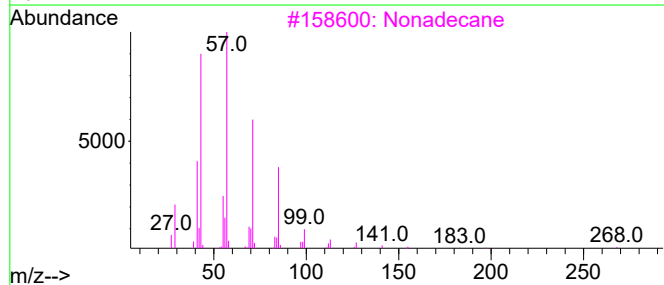
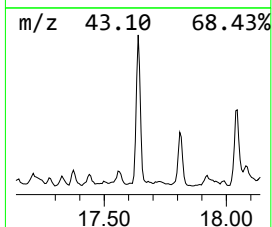
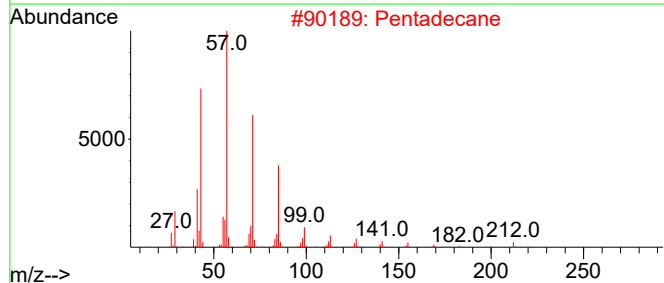
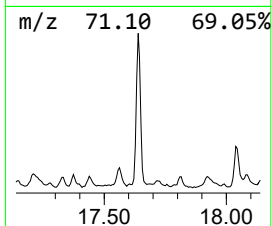
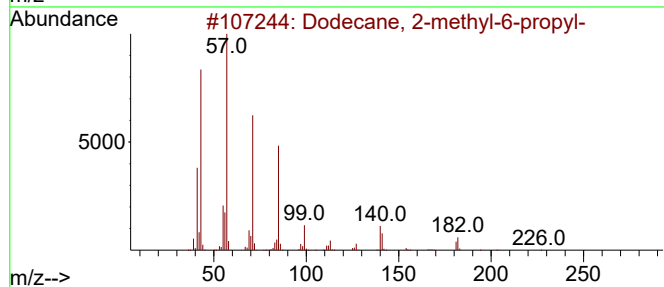
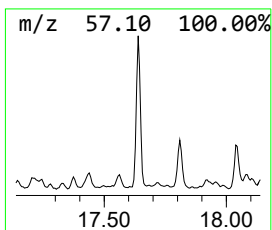
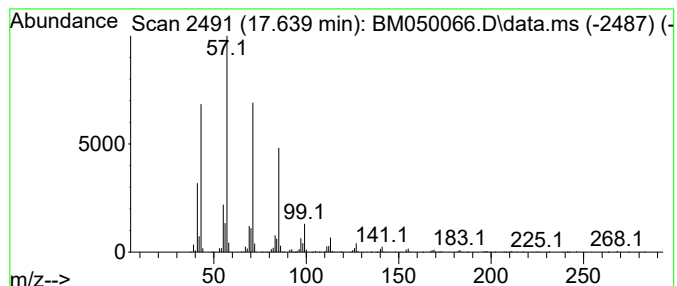
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 17.639 | 8.23 ng | 1046700 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 93   |
| 2    |    |   | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 91   |
| 3    |    |   | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 91   |
| 4    |    |   | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

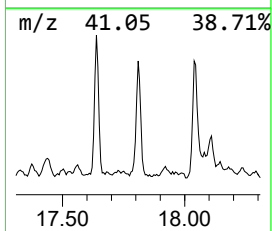
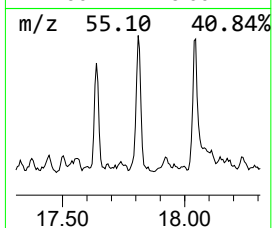
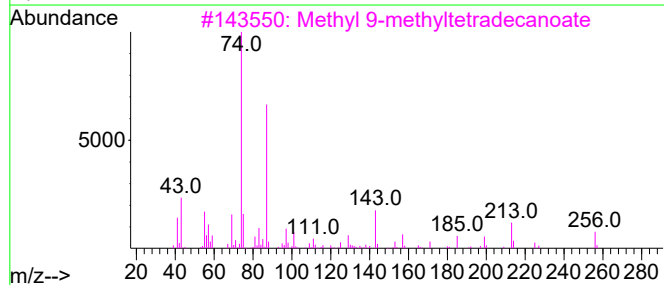
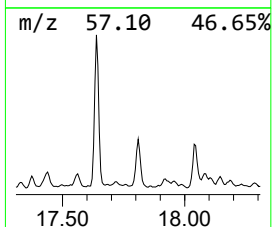
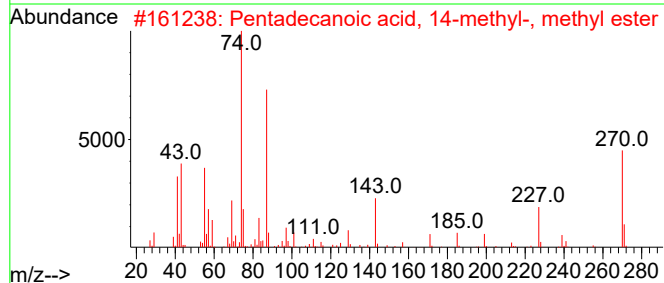
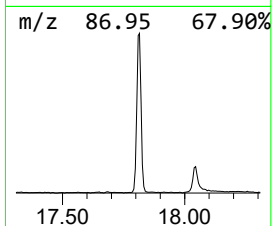
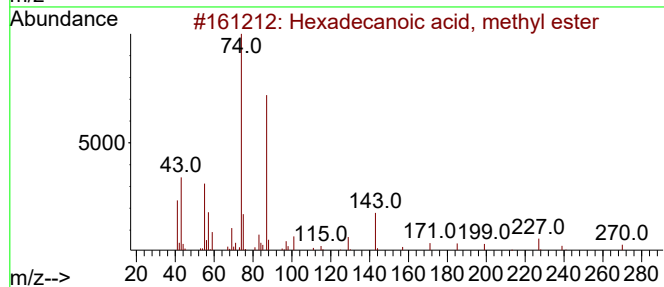
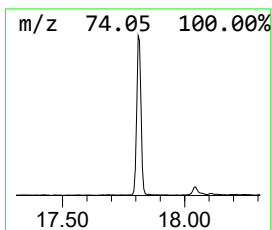
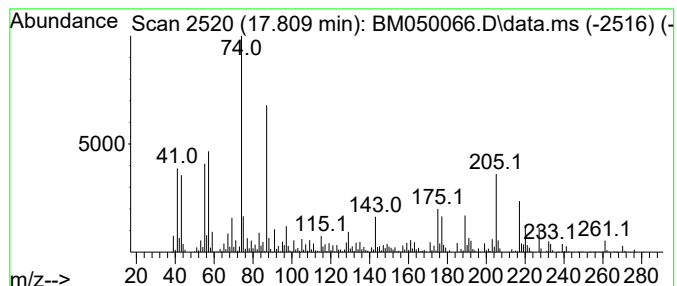
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.809 | 11.49 ng | 1460920 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0  | 95   |
| 2    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2  | 95   |
| 3    |    |   | Methyl 9-methyltetradecanoate       | 256 | C16H32O2 | 213617-69-7  | 49   |
| 4    |    |   | Methyl 11-methyl-dodecanoate        | 228 | C14H28O2 | 1000336-45-1 | 49   |
| 5    |    |   | Tridecanoic acid, 12-methyl-, me... | 242 | C15H30O2 | 005129-58-8  | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

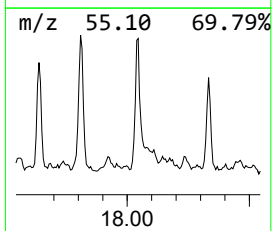
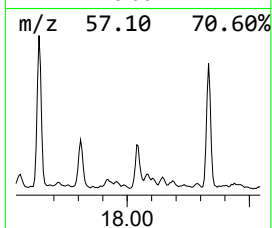
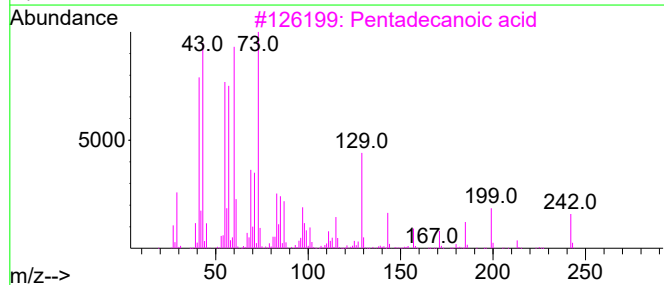
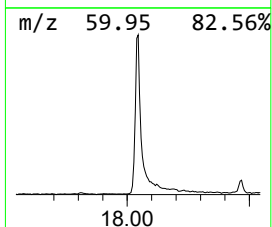
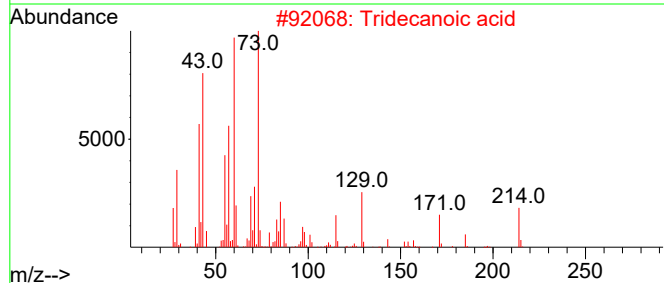
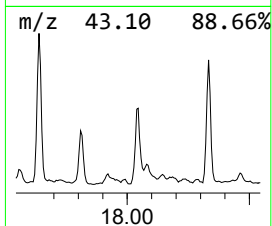
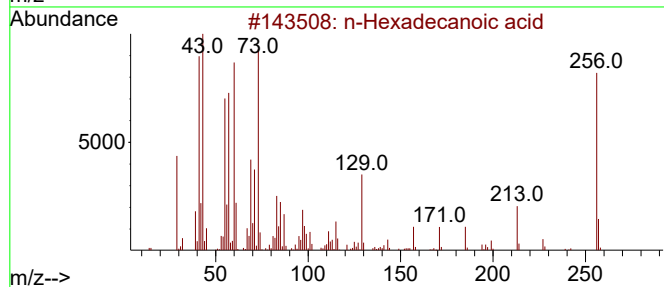
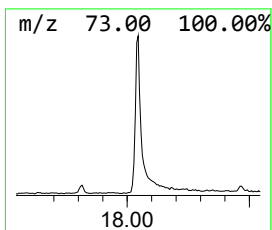
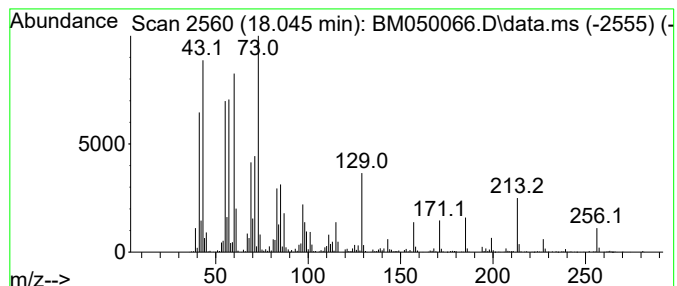
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 n-Hexadecanoic acid Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.045 | 10.61 ng | 1348990 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid   | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Tridecanoic acid      | 214 | C13H26O2 | 000638-53-9 | 89   |
| 3    |    |   | Pentadecanoic acid    | 242 | C15H30O2 | 001002-84-2 | 68   |
| 4    |    |   | Tetradecanoic acid    | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    |   | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

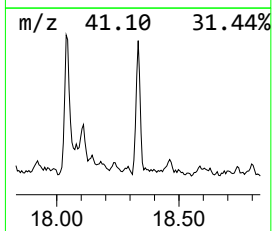
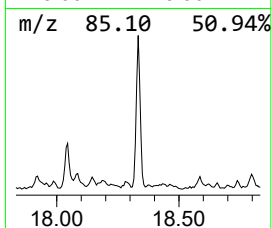
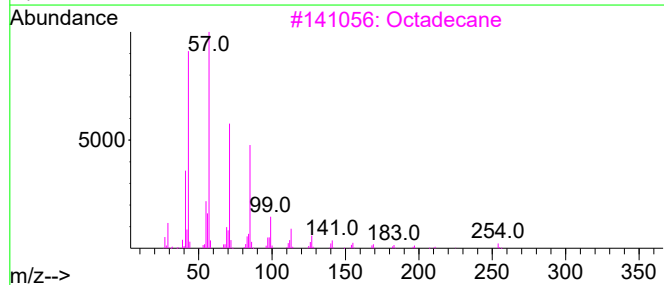
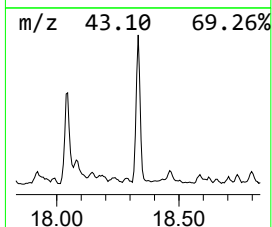
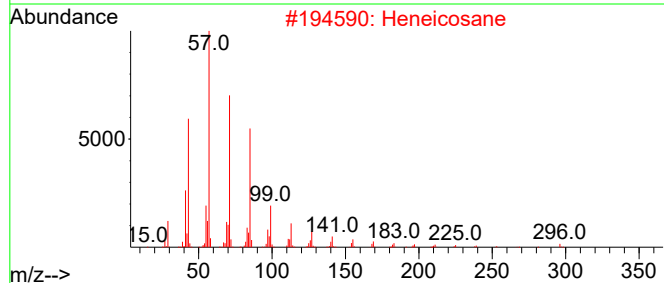
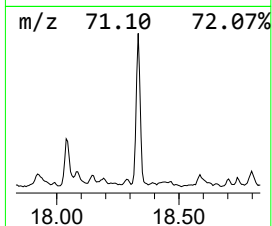
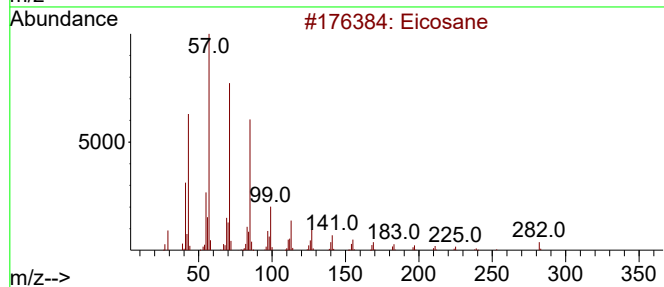
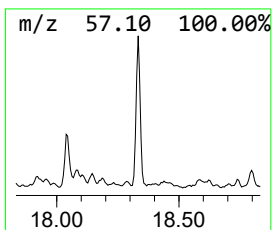
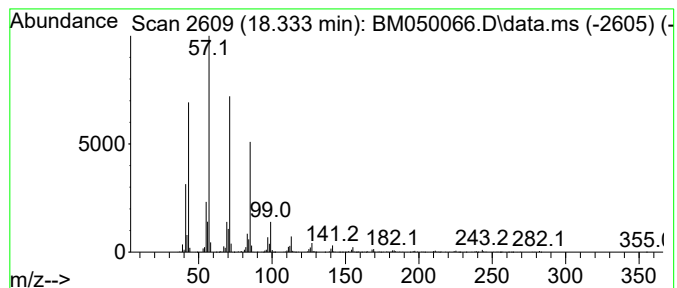
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Eicosane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.333 | 6.82 ng | 866606 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane           | 282 | C20H42  | 000112-95-8 | 97   |
| 2    |    |   | Heneicosane        | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Octadecane         | 254 | C18H38  | 000593-45-3 | 91   |
| 4    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90   |
| 5    |    |   | Nonadecane         | 268 | C19H40  | 000629-92-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

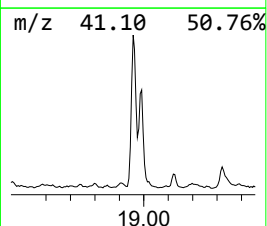
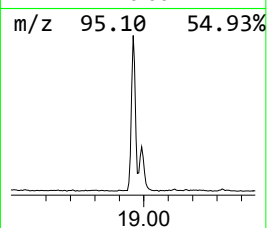
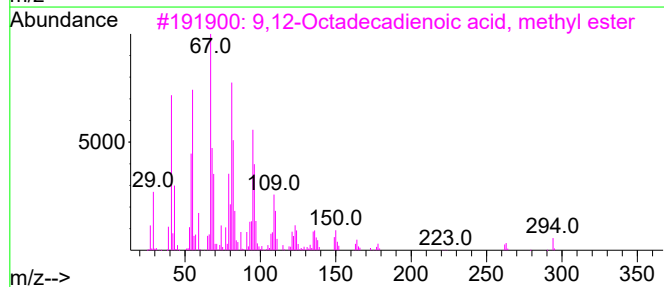
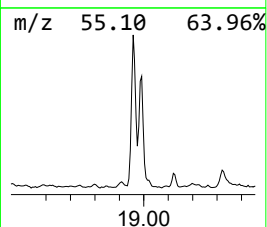
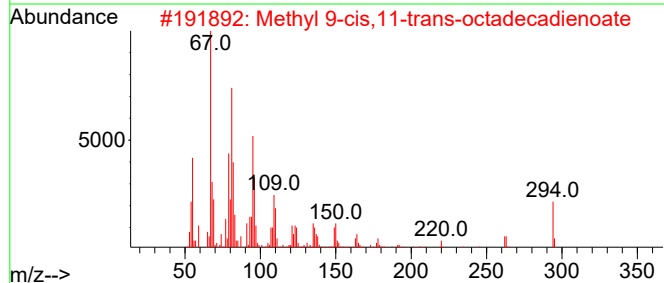
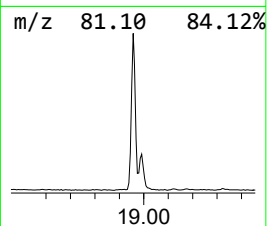
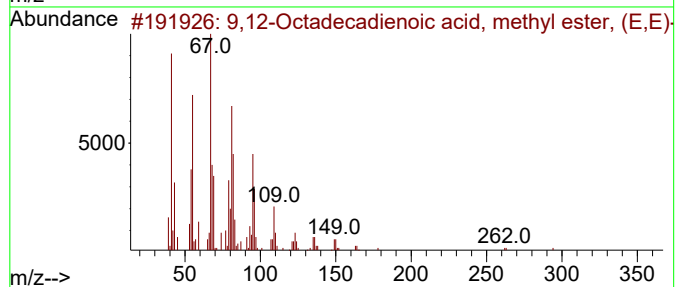
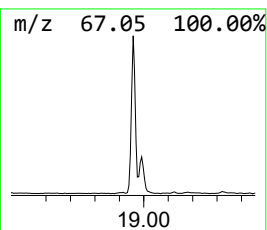
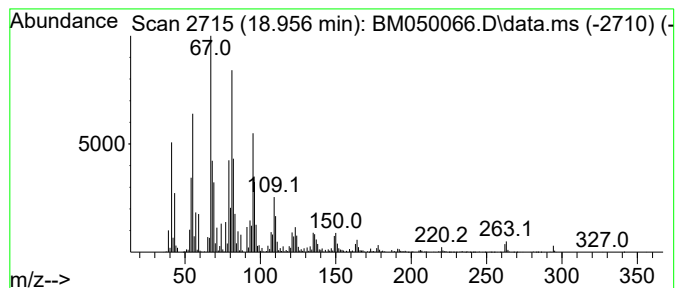
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.956 | 31.32 ng | 3981120 | Phenanthrene-d10 | 17.139 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99   |
| 2    |      | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 013058-52-1 | 99   |
| 3    |      | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99   |
| 4    |      | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 99   |
| 5    |      | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-62-2 | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

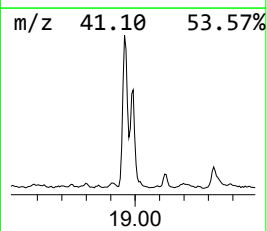
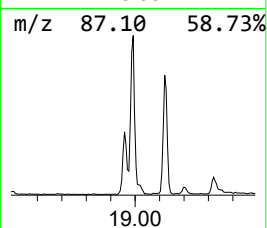
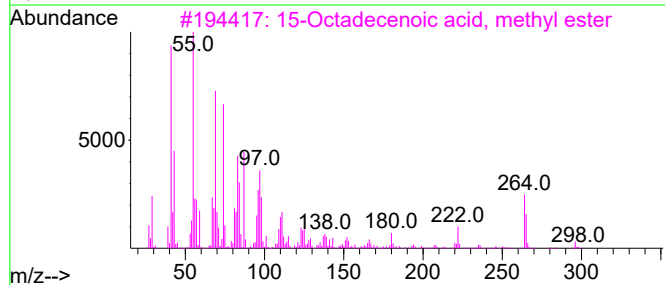
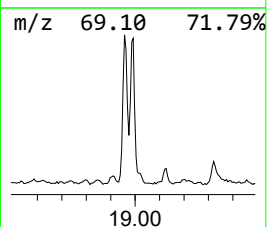
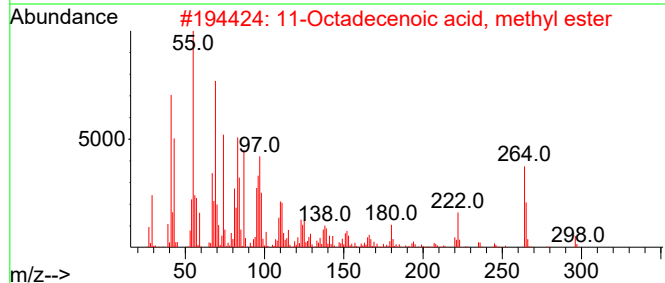
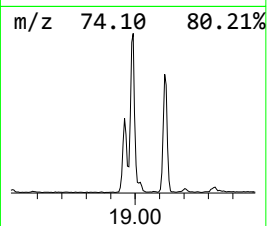
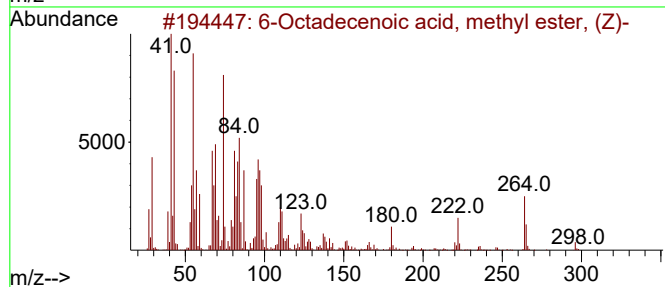
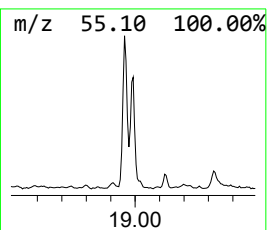
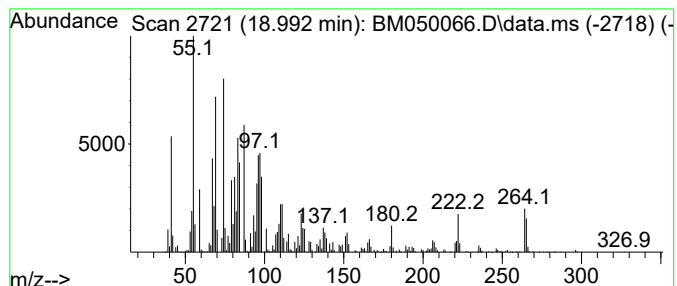
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Peak Number 17 6-Octadecenoic acid, methyl... Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.992 | 19.00 ng | 2415640 | Phenanthrene-d10 | 17.139 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4 | 98   |
| 2    |      | 11-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 052380-33-3 | 97   |
| 3    |      | 15-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 004764-72-1 | 96   |
| 4    |      | 12-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-46-2 | 96   |
| 5    |      | 5-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 056554-45-1 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

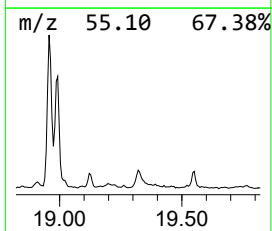
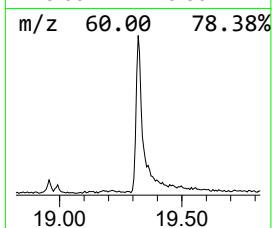
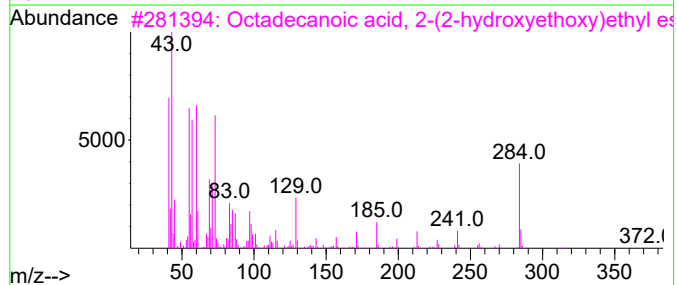
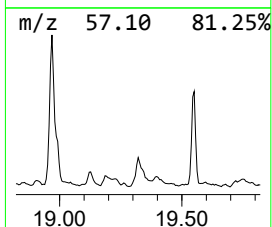
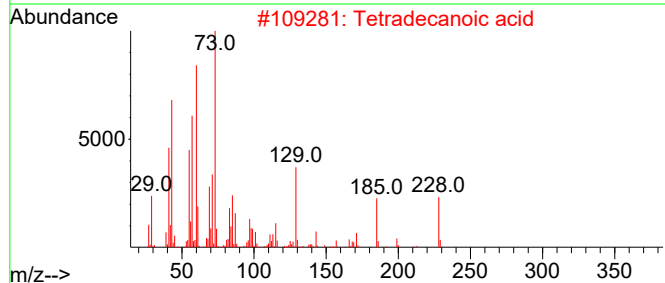
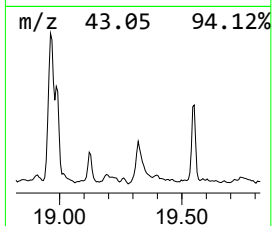
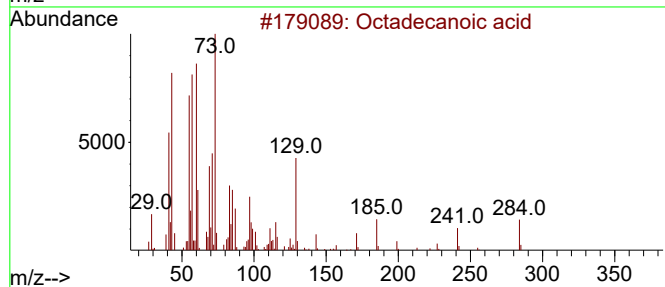
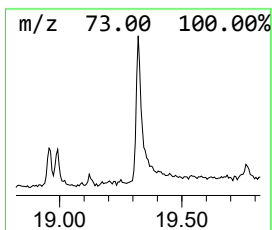
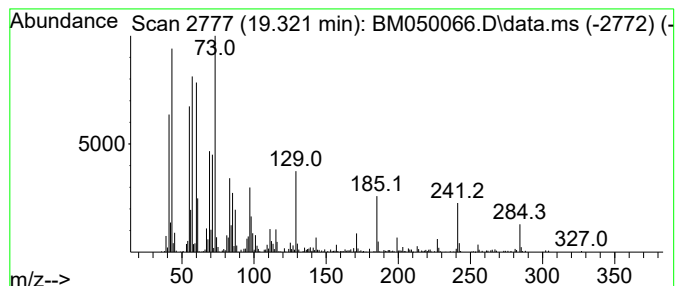
Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.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 Octadecanoic acid Concentration Rank 17

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.321    | 4.85 ng                             | 741774 | Chrysene-d12     | 21.380      |      |
| 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 | 87   |
| 3         | Octadecanoic acid, 2-(2-hydroxye... | 372    | C22H44O4         | 000106-11-6 | 80   |
| 4         | n-Hexadecanoic acid                 | 256    | C16H32O2         | 000057-10-3 | 68   |
| 5         | Pentadecanoic acid                  | 242    | C15H30O2         | 001002-84-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

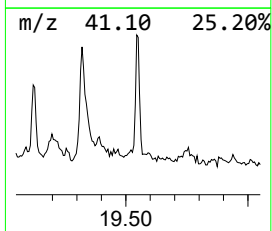
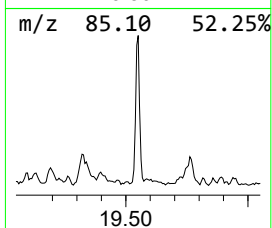
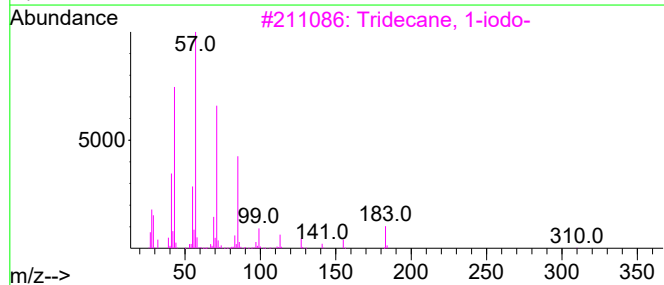
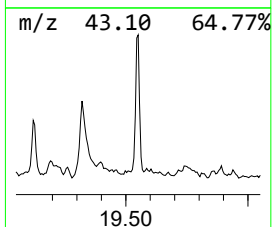
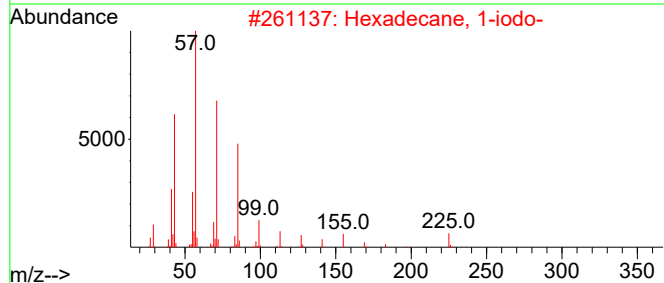
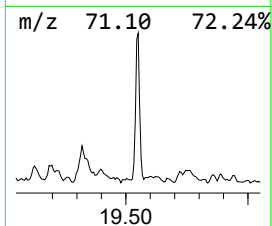
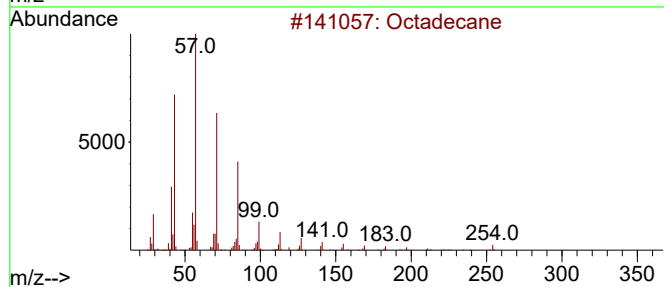
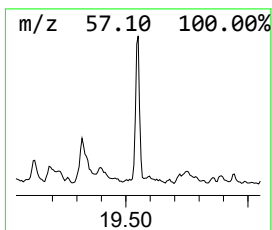
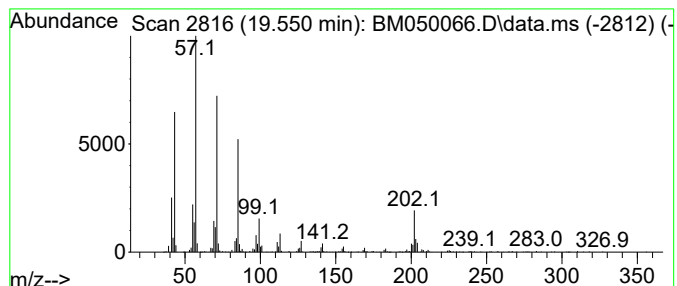
Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.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 Octadecane Concentration Rank 14

| R.T.      | EstConc             | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|---------------------|--------|------------------|---------|-------------|------|
| 19.550    | 5.50 ng             | 840758 | Chrysene-d12     |         | 21.380      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm | CAS#        | Qual |
| 1         | Octadecane          |        | 254              | C18H38  | 000593-45-3 | 76   |
| 2         | Hexadecane, 1-iodo- |        | 352              | C16H33I | 000544-77-4 | 68   |
| 3         | Tridecane, 1-iodo-  |        | 310              | C13H27I | 035599-77-0 | 68   |
| 4         | Tetratetracontane   |        | 619              | C44H90  | 007098-22-8 | 64   |
| 5         | Octacosane          |        | 394              | C28H58  | 000630-02-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050066.D  
Acq On : 01 May 2025 16:05  
Operator : RC/JU  
Sample : Q1914-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.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 |
| 2-Pentanone, 4-... | 4.869  | 5.3     | ng    | 367175   | 1                     | 7.745  | 1380880 | 20.0 |
| Hexadecane         | 8.975  | 6.9     | ng    | 474961   | 1                     | 7.745  | 1380880 | 20.0 |
| Tridecane          | 11.969 | 9.6     | ng    | 1145360  | 2                     | 10.539 | 2396940 | 20.0 |
| Tetradecane        | 13.221 | 10.7    | ng    | 1334940  | 3                     | 14.392 | 2490860 | 20.0 |
| Heptadecane, 2,... | 13.880 | 3.2     | ng    | 403405   | 3                     | 14.392 | 2490860 | 20.0 |
| Heptadecane        | 14.298 | 12.3    | ng    | 1536990  | 3                     | 14.392 | 2490860 | 20.0 |
| Hexadecane, 2,6... | 15.657 | 4.8     | ng    | 593915   | 3                     | 14.392 | 2490860 | 20.0 |
| Benzophenone       | 15.757 | 10.7    | ng    | 1336520  | 3                     | 14.392 | 2490860 | 20.0 |
| Heneicosane        | 16.110 | 12.4    | ng    | 1580770  | 4                     | 17.139 | 2542630 | 20.0 |
| Heptadecane, 8-... | 16.904 | 9.7     | ng    | 1229800  | 4                     | 17.139 | 2542630 | 20.0 |
| Tetradecane, 1-... | 16.956 | 5.2     | ng    | 664951   | 4                     | 17.139 | 2542630 | 20.0 |
| Dodecane, 2-met... | 17.639 | 8.2     | ng    | 1046700  | 4                     | 17.139 | 2542630 | 20.0 |
| Hexadecanoic ac... | 17.809 | 11.5    | ng    | 1460920  | 4                     | 17.139 | 2542630 | 20.0 |
| n-Hexadecanoic ... | 18.045 | 10.6    | ng    | 1348990  | 4                     | 17.139 | 2542630 | 20.0 |
| Eicosane           | 18.333 | 6.8     | ng    | 866606   | 4                     | 17.139 | 2542630 | 20.0 |
| 9,12-Octadecadi... | 18.956 | 31.3    | ng    | 3981120  | 4                     | 17.139 | 2542630 | 20.0 |
| 6-Octadecenoic ... | 18.992 | 19.0    | ng    | 2415640  | 4                     | 17.139 | 2542630 | 20.0 |
| Octadecanoic acid  | 19.321 | 4.8     | ng    | 741774   | 5                     | 21.380 | 3056880 | 20.0 |
| Octadecane         | 19.550 | 5.5     | ng    | 840758   | 5                     | 21.380 | 3056880 | 20.0 |