

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
 Data File : BF142516.D  
 Acq On : 22 May 2025 18:00  
 Operator : RC/JU  
 Sample : Q2092-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-202

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142516.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.110       | 490           | 496         | 503          | rVB      | 129503         | 194359        | 9.19%           | 0.664%        |
| 2         | 5.457       | 552           | 555         | 559          | rBV      | 21727          | 30101         | 1.42%           | 0.103%        |
| 3         | 5.510       | 559           | 564         | 570          | rVB      | 1001789        | 1332348       | 62.97%          | 4.552%        |
| 4         | 5.922       | 628           | 634         | 638          | rBV4     | 19231          | 35854         | 1.69%           | 0.122%        |
| 5         | 6.057       | 649           | 657         | 661          | rVB3     | 19537          | 37131         | 1.75%           | 0.127%        |
| 6         | 6.145       | 667           | 672         | 679          | rBV3     | 58384          | 108594        | 5.13%           | 0.371%        |
| 7         | 6.204       | 679           | 682         | 685          | rVB      | 31458          | 36343         | 1.72%           | 0.124%        |
| 8         | 6.340       | 700           | 705         | 708          | rBV3     | 33263          | 50746         | 2.40%           | 0.173%        |
| 9         | 6.398       | 708           | 715         | 717          | rBV3     | 38270          | 65852         | 3.11%           | 0.225%        |
| 10        | 6.434       | 717           | 721         | 727          | rVB4     | 50506          | 75575         | 3.57%           | 0.258%        |
| 11        | 6.516       | 727           | 735         | 740          | rBV      | 1072610        | 1428810       | 67.52%          | 4.881%        |
| 12        | 6.645       | 752           | 757         | 760          | rBV4     | 27568          | 51916         | 2.45%           | 0.177%        |
| 13        | 6.681       | 760           | 763         | 768          | rVB4     | 28568          | 46388         | 2.19%           | 0.158%        |
| 14        | 6.734       | 768           | 772         | 775          | rBV2     | 43440          | 61631         | 2.91%           | 0.211%        |
| 15        | 6.822       | 779           | 787         | 789          | rBV6     | 20568          | 50528         | 2.39%           | 0.173%        |
| 16        | 6.863       | 790           | 794         | 795          | rBV3     | 27400          | 33696         | 1.59%           | 0.115%        |
| 17        | 6.898       | 795           | 800         | 806          | rVB2     | 480359         | 687877        | 32.51%          | 2.350%        |
| 18        | 6.957       | 806           | 810         | 813          | rBV2     | 23696          | 31989         | 1.51%           | 0.109%        |
| 19        | 7.010       | 813           | 819         | 821          | rBV3     | 36187          | 72347         | 3.42%           | 0.247%        |
| 20        | 7.045       | 821           | 825         | 828          | rBV2     | 78087          | 94542         | 4.47%           | 0.323%        |
| 21        | 7.075       | 828           | 830         | 834          | rVB2     | 32643          | 35666         | 1.69%           | 0.122%        |
| 22        | 7.128       | 836           | 839         | 842          | rBV3     | 26504          | 32196         | 1.52%           | 0.110%        |
| 23        | 7.169       | 842           | 846         | 849          | rBV      | 119604         | 153280        | 7.24%           | 0.524%        |
| 24        | 7.204       | 849           | 852         | 854          | rVB      | 35300          | 34676         | 1.64%           | 0.118%        |
| 25        | 7.234       | 854           | 857         | 861          | rBV      | 69099          | 82062         | 3.88%           | 0.280%        |
| 26        | 7.287       | 861           | 866         | 870          | rBV3     | 101271         | 167782        | 7.93%           | 0.573%        |
| 27        | 7.322       | 870           | 872         | 878          | rVB3     | 47675          | 66784         | 3.16%           | 0.228%        |
| 28        | 7.381       | 878           | 882         | 884          | rBV4     | 21366          | 34127         | 1.61%           | 0.117%        |
| 29        | 7.457       | 885           | 895         | 899          | rBV      | 682047         | 1123475       | 53.09%          | 3.838%        |
| 30        | 7.539       | 905           | 909         | 913          | rBV3     | 122309         | 190461        | 9.00%           | 0.651%        |
| 31        | 7.598       | 913           | 919         | 923          | rBV2     | 116239         | 224427        | 10.61%          | 0.767%        |
| 32        | 7.681       | 929           | 933         | 935          | rBV2     | 146572         | 181230        | 8.56%           | 0.619%        |
| 33        | 7.704       | 935           | 937         | 944          | rVB5     | 93121          | 126335        | 5.97%           | 0.432%        |
| 34        | 7.781       | 946           | 950         | 951          | rBV2     | 91431          | 114180        | 5.40%           | 0.390%        |
| 35        | 7.857       | 960           | 963         | 967          | rBV2     | 141381         | 179258        | 8.47%           | 0.612%        |
| 36        | 7.892       | 967           | 969         | 972          | rVB2     | 104313         | 99736         | 4.71%           | 0.341%        |

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 Operator : RC/JU  
 Sample : Q2092-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-202

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-BF052025.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 7.928  | 972  | 975  | 980  | rBV2 | 168076  | 238171  | 11.26%  | 0.814% |
| 38 | 7.975  | 980  | 983  | 985  | rBV2 | 114499  | 127276  | 6.01%   | 0.435% |
| 39 | 7.998  | 985  | 987  | 992  | rVB4 | 98103   | 134271  | 6.35%   | 0.459% |
| 40 | 8.057  | 993  | 997  | 999  | rBV3 | 118449  | 171608  | 8.11%   | 0.586% |
| 41 | 8.128  | 1005 | 1009 | 1011 | rBV3 | 117156  | 184061  | 8.70%   | 0.629% |
| 42 | 8.181  | 1012 | 1018 | 1023 | rVV  | 524114  | 966088  | 45.66%  | 3.300% |
| 43 | 8.239  | 1024 | 1028 | 1031 | rVV  | 680266  | 830414  | 39.24%  | 2.837% |
| 44 | 8.269  | 1031 | 1033 | 1041 | rVB6 | 177817  | 343654  | 16.24%  | 1.174% |
| 45 | 8.334  | 1041 | 1044 | 1046 | rBV2 | 96630   | 127618  | 6.03%   | 0.436% |
| 46 | 8.386  | 1050 | 1053 | 1056 | rVB  | 152837  | 174953  | 8.27%   | 0.598% |
| 47 | 8.475  | 1064 | 1068 | 1073 | rVB5 | 387738  | 560331  | 26.48%  | 1.914% |
| 48 | 8.528  | 1074 | 1077 | 1079 | rBV2 | 128809  | 134606  | 6.36%   | 0.460% |
| 49 | 8.563  | 1079 | 1083 | 1086 | rBV3 | 166277  | 201714  | 9.53%   | 0.689% |
| 50 | 8.598  | 1086 | 1089 | 1093 | rBV  | 653824  | 891910  | 42.15%  | 3.047% |
| 51 | 8.686  | 1101 | 1104 | 1107 | rBV2 | 138712  | 175157  | 8.28%   | 0.598% |
| 52 | 8.728  | 1107 | 1111 | 1115 | rBV3 | 262711  | 465050  | 21.98%  | 1.589% |
| 53 | 8.869  | 1132 | 1135 | 1139 | rVB  | 476295  | 617502  | 29.18%  | 2.110% |
| 54 | 8.963  | 1148 | 1151 | 1157 | rBV7 | 161547  | 303853  | 14.36%  | 1.038% |
| 55 | 9.063  | 1164 | 1168 | 1170 | rBV4 | 285517  | 469264  | 22.18%  | 1.603% |
| 56 | 9.175  | 1185 | 1187 | 1189 | rBV3 | 183917  | 224311  | 10.60%  | 0.766% |
| 57 | 9.204  | 1189 | 1192 | 1197 | rVB  | 901283  | 1095088 | 51.75%  | 3.741% |
| 58 | 9.257  | 1197 | 1201 | 1206 | rBV  | 1007806 | 1251195 | 59.13%  | 4.274% |
| 59 | 9.339  | 1211 | 1215 | 1219 | rBV3 | 560699  | 928150  | 43.86%  | 3.171% |
| 60 | 9.657  | 1265 | 1269 | 1276 | rVB3 | 1054702 | 1497781 | 70.78%  | 5.117% |
| 61 | 10.257 | 1368 | 1371 | 1374 | rBV2 | 335008  | 469816  | 22.20%  | 1.605% |
| 62 | 10.351 | 1384 | 1387 | 1391 | rVB5 | 361418  | 489471  | 23.13%  | 1.672% |
| 63 | 10.592 | 1423 | 1428 | 1433 | rVB  | 1015736 | 1506053 | 71.18%  | 5.145% |
| 64 | 10.857 | 1469 | 1473 | 1480 | rVB  | 1452358 | 2115978 | 100.00% | 7.229% |
| 65 | 11.322 | 1549 | 1552 | 1559 | rVB  | 1145170 | 1698993 | 80.29%  | 5.804% |
| 66 | 11.433 | 1568 | 1571 | 1585 | rVB3 | 491797  | 951368  | 44.96%  | 3.250% |
| 67 | 13.016 | 1837 | 1840 | 1848 | rVB  | 1032341 | 1486200 | 70.24%  | 5.077% |
| 68 | 14.068 | 2016 | 2019 | 2027 | rVB  | 380240  | 547234  | 25.86%  | 1.869% |
| 69 | 15.562 | 2269 | 2273 | 2294 | rVB  | 252872  | 520471  | 24.60%  | 1.778% |

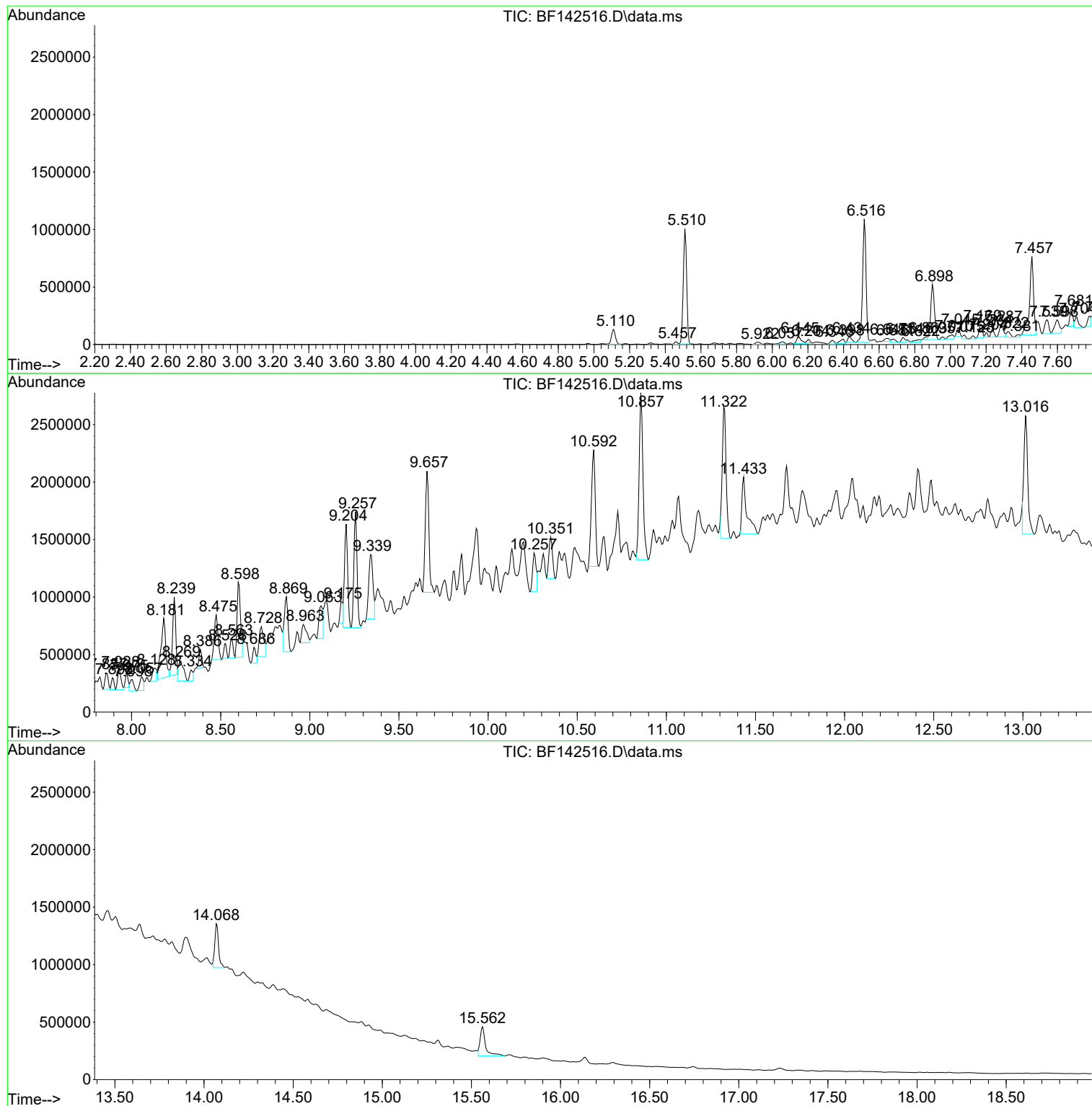
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Acq On : 22 May 2025 18:00  
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Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.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\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

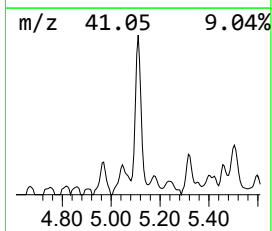
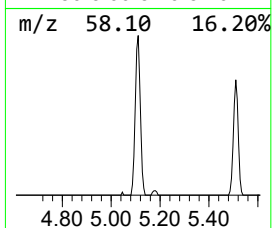
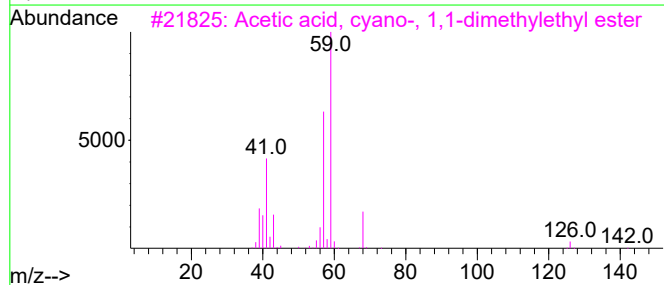
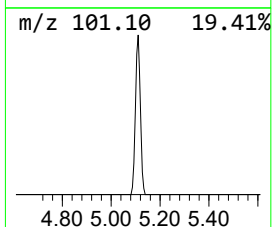
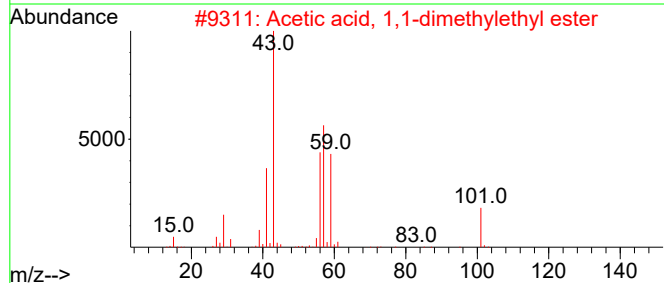
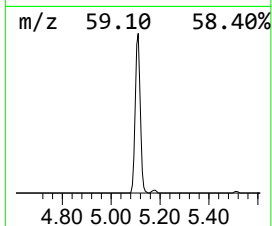
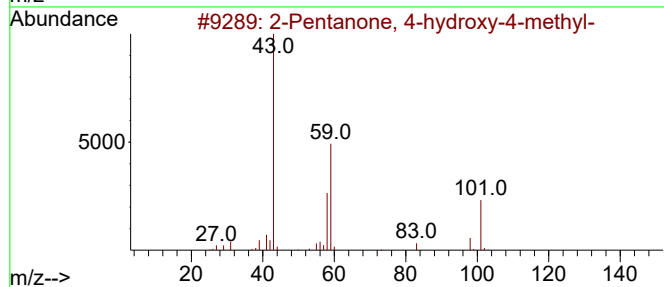
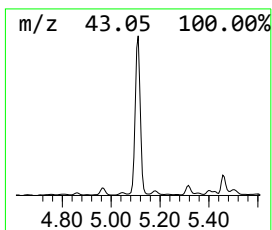
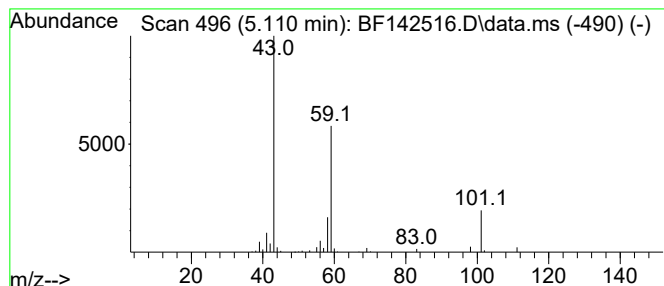
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.110 | 5.65 ng | 194359 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 64      |      |      |
| 2    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 39      |      |      |
| 3    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 4    | 5-Oxohexanenitrile                  | 111 | C6H9NO       | 010412-98-3 | 10      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |



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Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

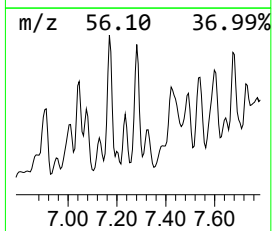
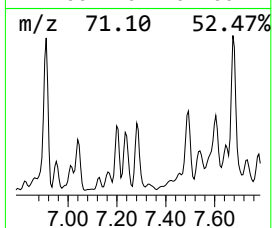
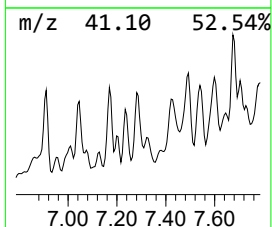
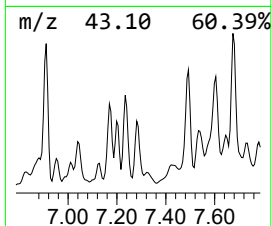
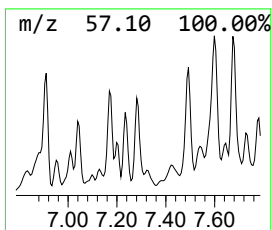
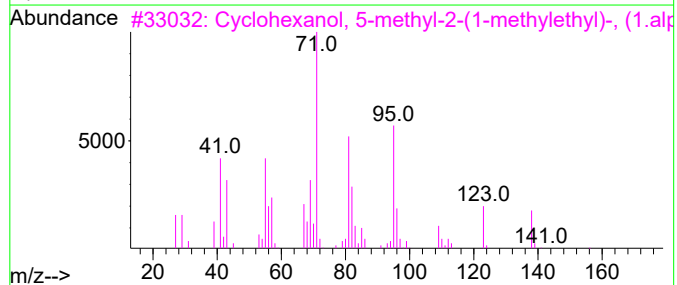
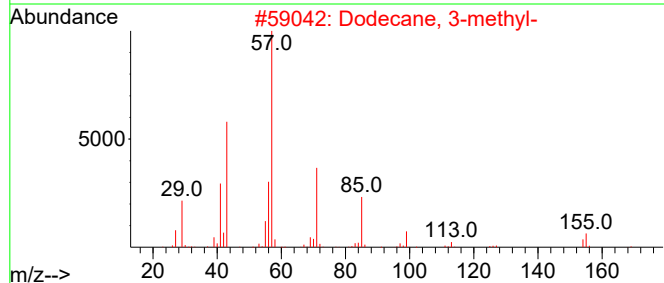
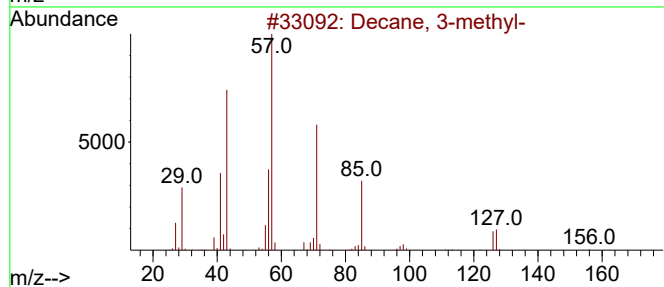
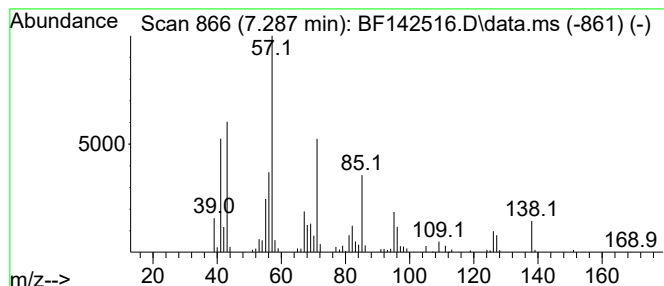
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Decane, 3-methyl- Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.287 | 4.88 ng | 167782 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 3-methyl-                   | 156 | C11H24  | 013151-34-3 | 64   |
| 2    |    |   | Dodecane, 3-methyl-                 | 184 | C13H28  | 017312-57-1 | 50   |
| 3    |    |   | Cyclohexanol, 5-methyl-2-(1-meth... | 156 | C10H20O | 000491-02-1 | 47   |
| 4    |    |   | Nonane, 3-methyl-                   | 142 | C10H22  | 005911-04-6 | 43   |
| 5    |    |   | Nonane, 5-(2-methylpropyl)-         | 184 | C13H28  | 062185-53-9 | 43   |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

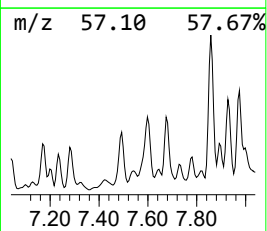
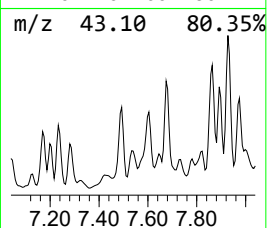
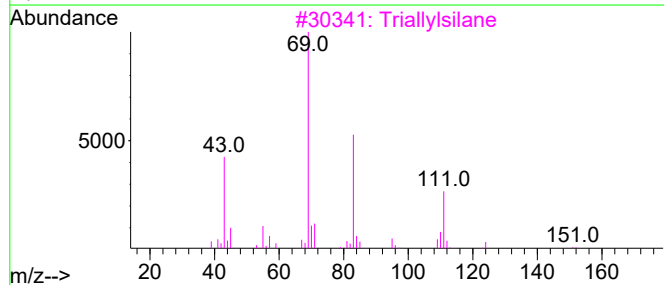
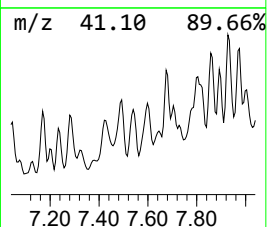
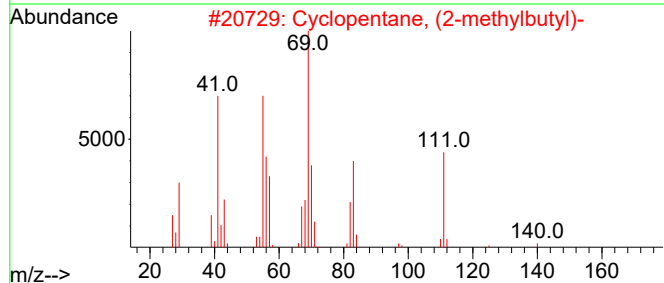
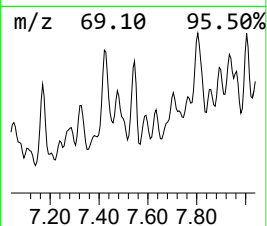
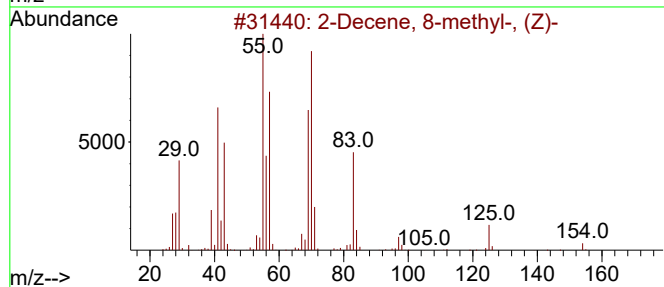
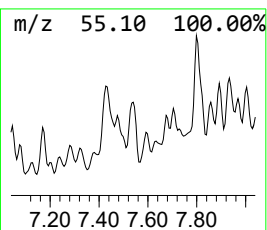
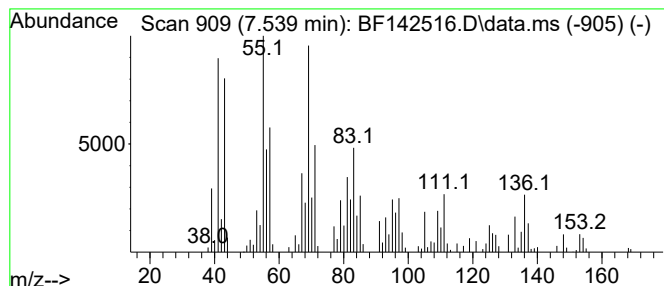
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown7.539 Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.539 | 5.54 ng | 190461 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Decene, 8-methyl-, (Z)-      | 154 | C11H22  | 074630-25-4 | 46   |
| 2    |    |   | Cyclopentane, (2-methylbutyl)- | 140 | C10H20  | 053366-38-4 | 43   |
| 3    |    |   | Triallylsilane                 | 152 | C9H16Si | 001116-62-7 | 43   |
| 4    |    |   | Citronellal                    | 154 | C10H18O | 000106-23-0 | 43   |
| 5    |    |   | 2-Hexenal, (E)-                | 98  | C6H10O  | 006728-26-3 | 42   |



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Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

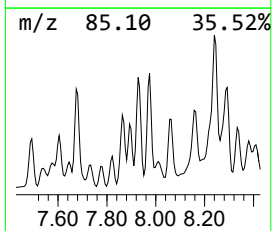
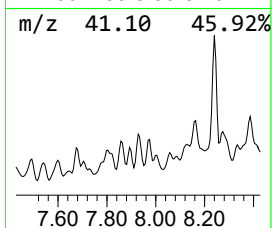
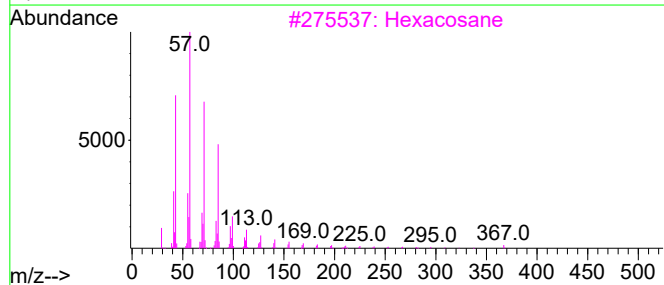
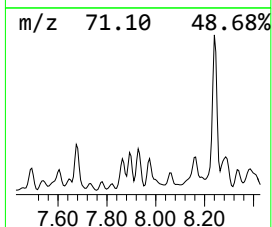
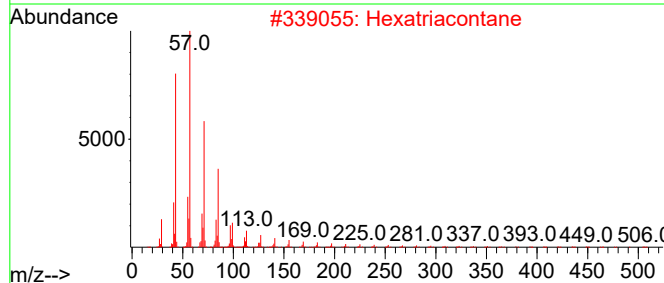
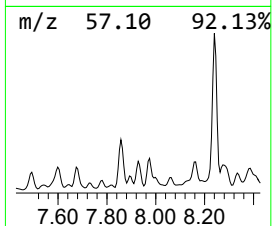
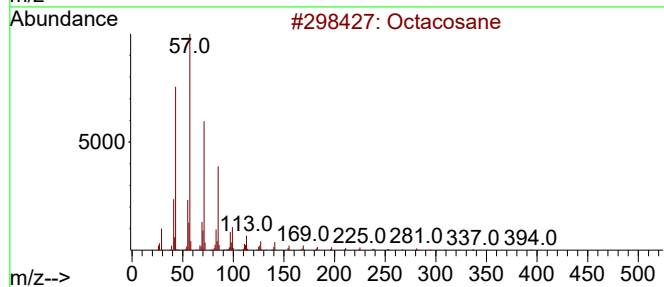
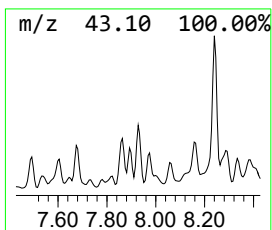
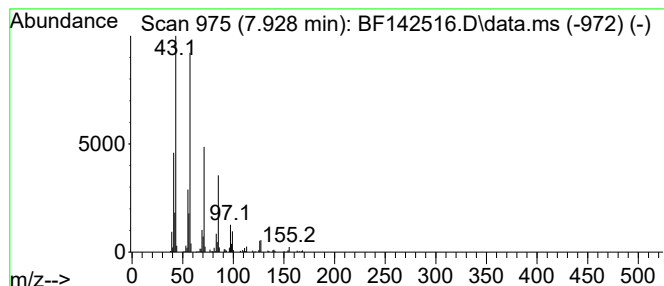
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octacosane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 7.928 | 4.93 ng | 238171 | Naphthalene-d8   | 8.181 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octacosane                        | 394 | C28H58    | 000630-02-4  | 90   |
| 2    |    |   | Hexatriacontane                   | 507 | C36H74    | 000630-06-8  | 83   |
| 3    |    |   | Hexacosane                        | 366 | C26H54    | 000630-01-3  | 83   |
| 4    |    |   | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 80   |
| 5    |    |   | Pentacosane                       | 352 | C25H52    | 000629-99-2  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

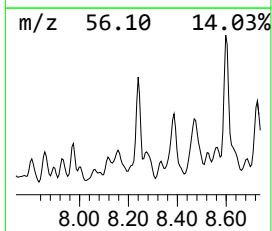
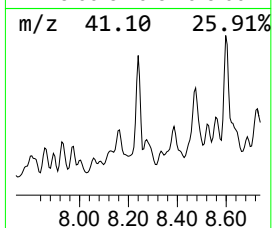
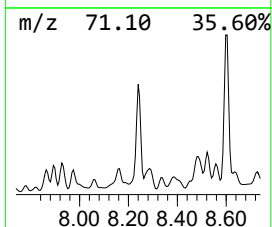
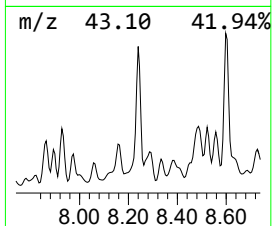
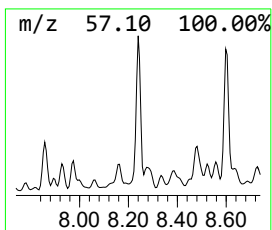
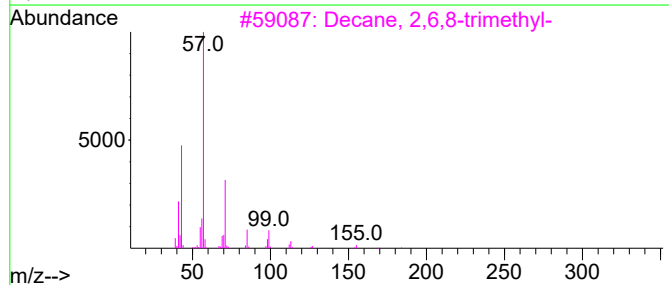
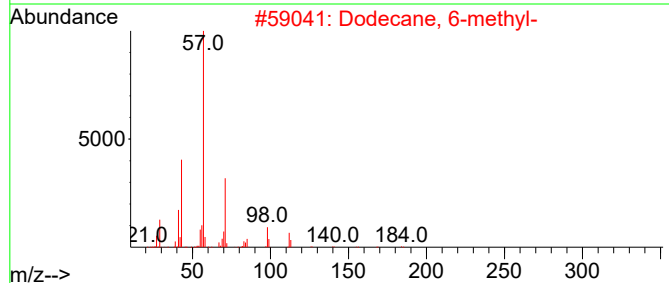
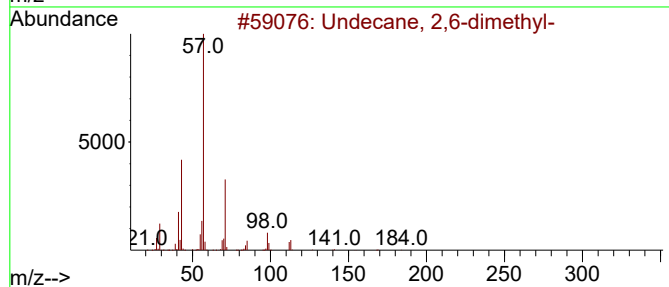
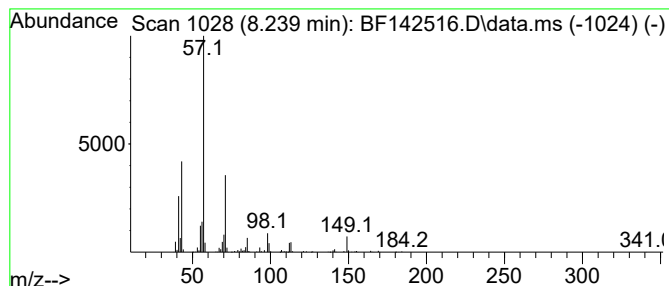
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.239 | 17.19 ng | 830414 | Naphthalene-d8   | 8.181 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-  | 184 | C13H28  | 017301-23-4 | 95   |
| 2    |    |   | Dodecane, 6-methyl-      | 184 | C13H28  | 006044-71-9 | 91   |
| 3    |    |   | Decane, 2,6,8-trimethyl- | 184 | C13H28  | 062108-26-3 | 74   |
| 4    |    |   | Undecane, 3,6-dimethyl-  | 184 | C13H28  | 017301-28-9 | 72   |
| 5    |    |   | Decane, 2,5,9-trimethyl- | 184 | C13H28  | 062108-22-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

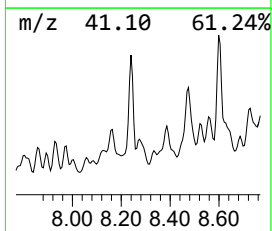
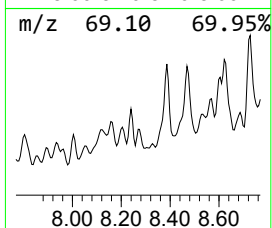
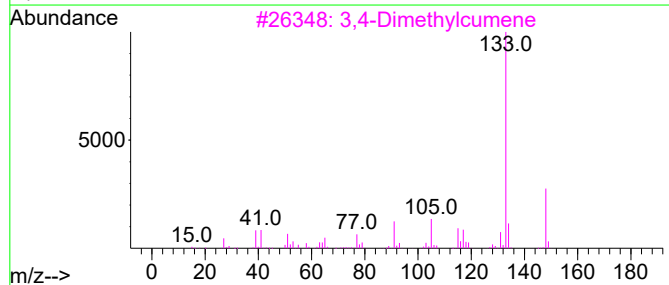
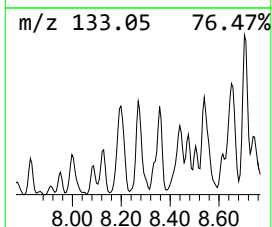
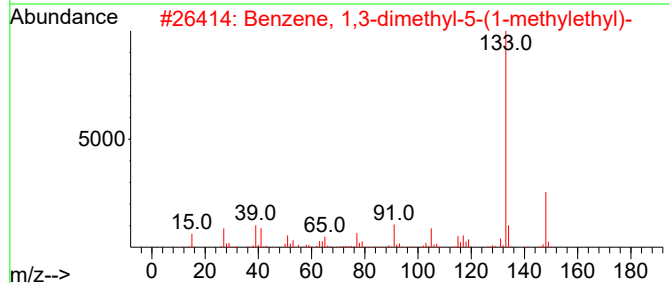
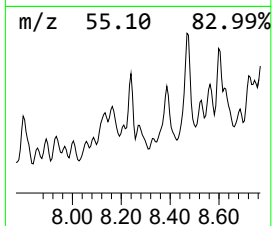
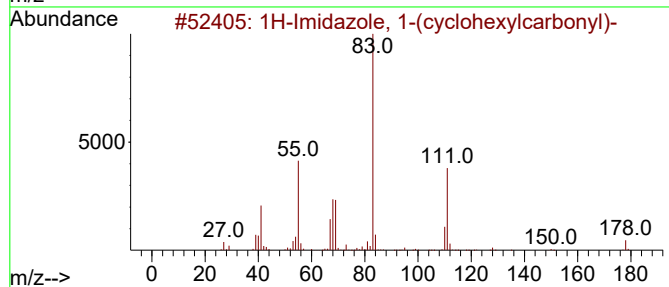
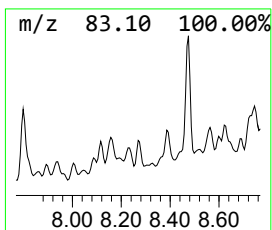
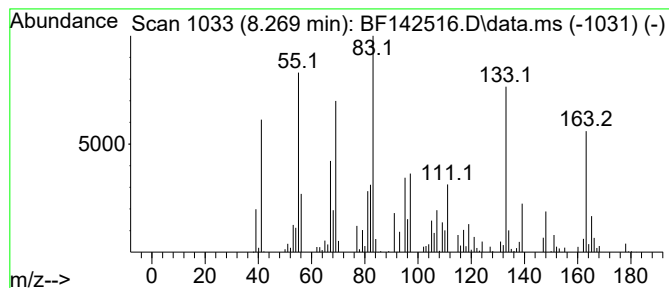
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown8.269 Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.269 | 7.11 ng | 343654 | Naphthalene-d8   | 8.181 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1H-Imidazole, 1-(cyclohexylcarbo... | 178 | C10H14N2O | 060718-45-8  | 18   |
| 2    |    |   | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16    | 004706-90-5  | 15   |
| 3    |    |   | 3,4-Dimethylcumene                  | 148 | C11H16    | 1000370-34-1 | 15   |
| 4    |    |   | 1H-Benzimidazol-2-amine             | 133 | C7H7N3    | 000934-32-7  | 11   |
| 5    |    |   | Imidazo[1,2-a]pyridin-6-amine       | 133 | C7H7N3    | 235106-53-3  | 11   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

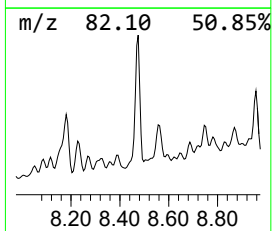
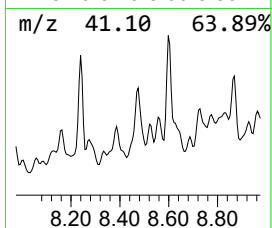
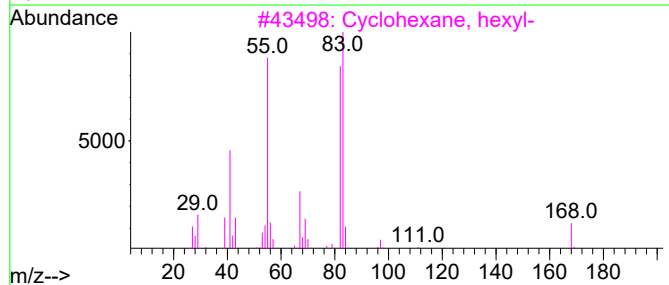
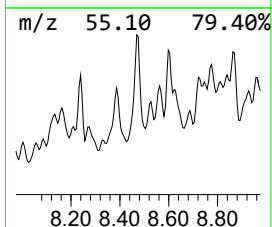
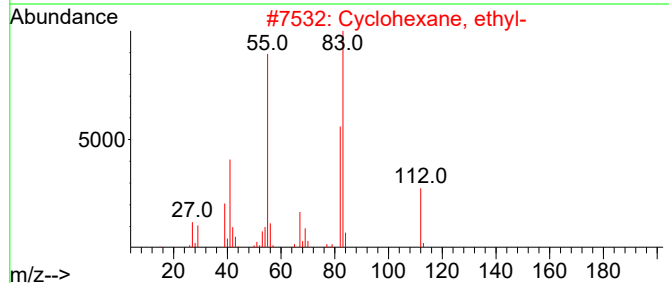
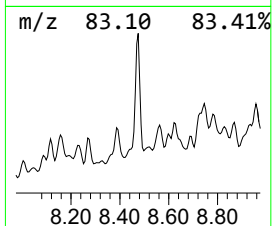
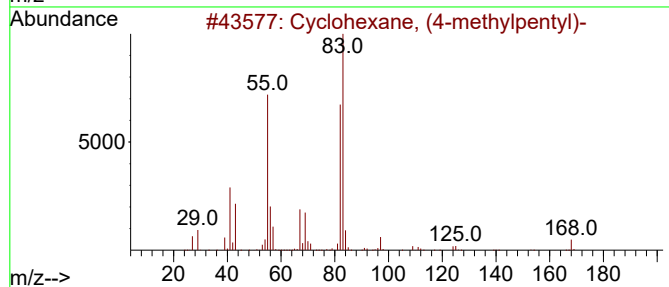
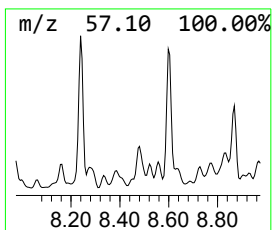
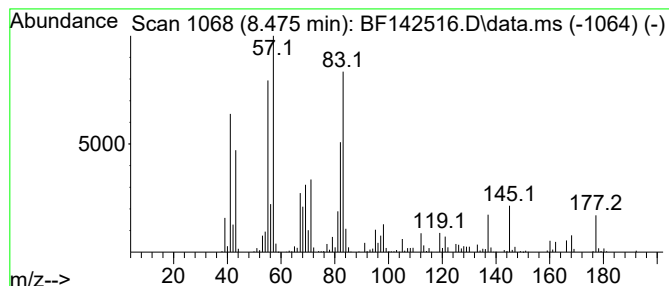
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Peak Number 7 unknown8.475 Concentration Rank 10

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.475 | 11.60 ng | 560331 | Naphthalene-d8   | 8.181 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, (4-methylpentyl)- | 168 | C12H24  | 061142-20-9 | 49   |
| 2    |    |   | Cyclohexane, ethyl-            | 112 | C8H16   | 001678-91-7 | 46   |
| 3    |    |   | Cyclohexane, hexyl-            | 168 | C12H24  | 004292-75-5 | 46   |
| 4    |    |   | Cyclohexane, pentyl-           | 154 | C11H22  | 004292-92-6 | 43   |
| 5    |    |   | Heptylcyclohexane              | 182 | C13H26  | 005617-41-4 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

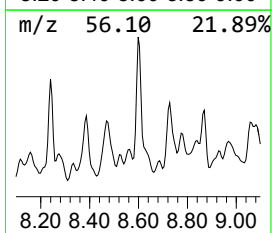
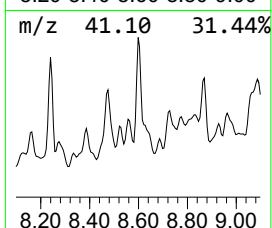
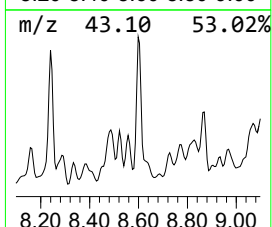
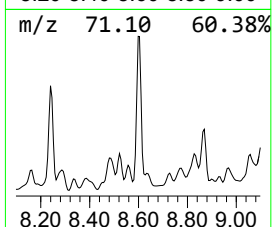
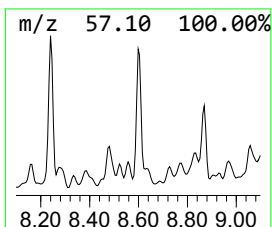
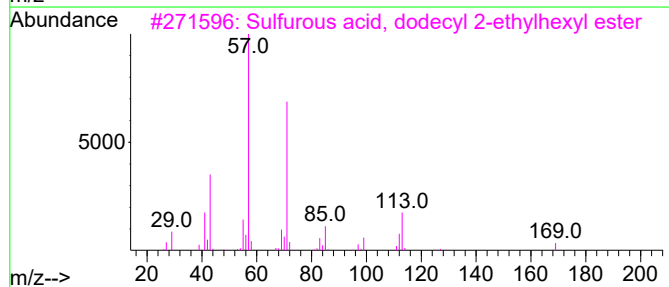
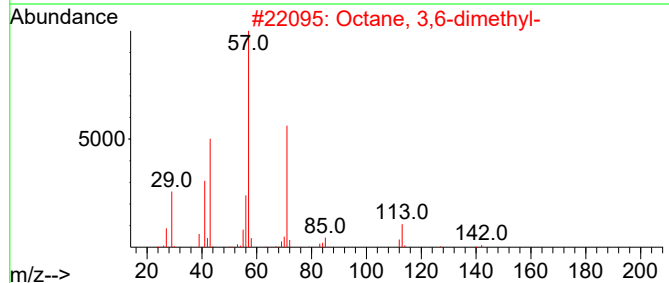
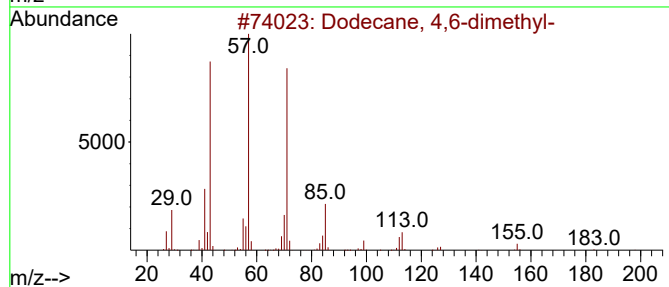
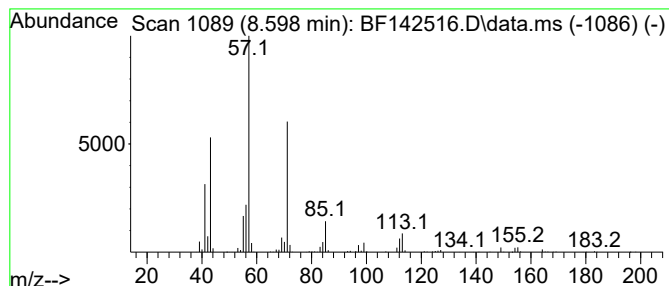
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.598 | 18.46 ng | 891910 | Naphthalene-d8   | 8.181 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 89   |
| 2    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 72   |
| 3    |    |   | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 64   |
| 4    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 64   |
| 5    |    |   | Ether, hexyl pentyl                 | 172 | C11H24O   | 032357-83-8  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

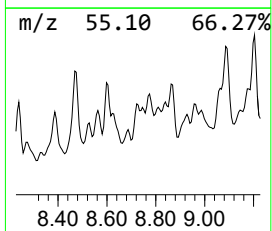
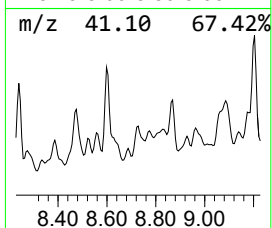
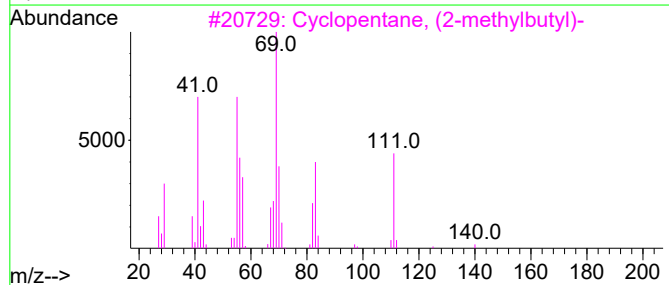
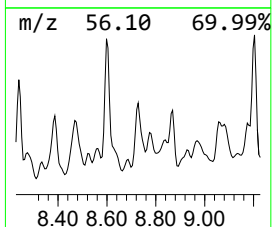
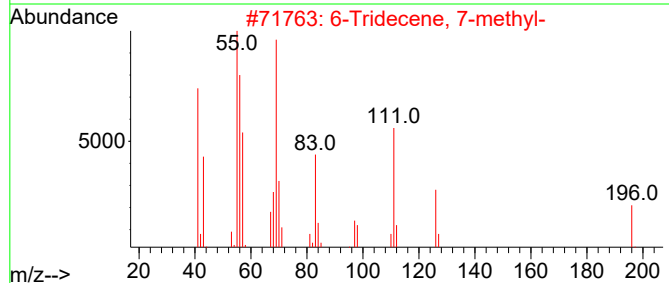
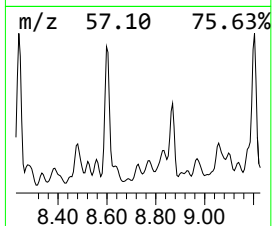
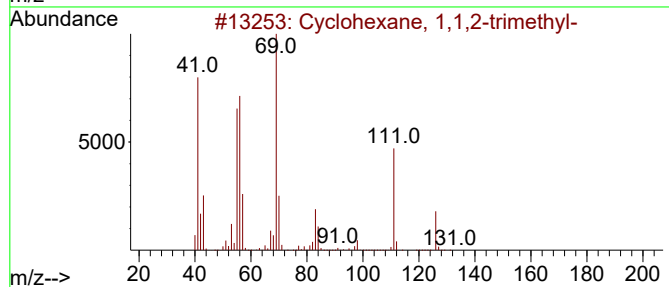
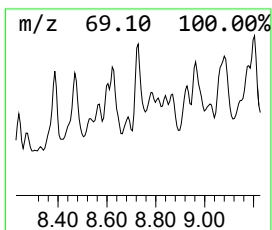
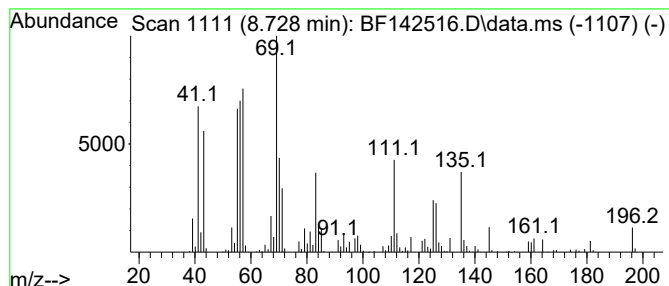
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.728 | 9.63 ng | 465050 | Naphthalene-d8   | 8.181 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,1,2-trimethyl-  | 126 | C9H18   | 007094-26-0 | 64   |
| 2    |    |   | 6-Tridecene, 7-methyl-         | 196 | C14H28  | 024949-42-6 | 62   |
| 3    |    |   | Cyclopentane, (2-methylbutyl)- | 140 | C10H20  | 053366-38-4 | 60   |
| 4    |    |   | Tridecane, 7-methylene-        | 196 | C14H28  | 019780-80-4 | 53   |
| 5    |    |   | 1-Undecene, 7-methyl-          | 168 | C12H24  | 074630-42-5 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

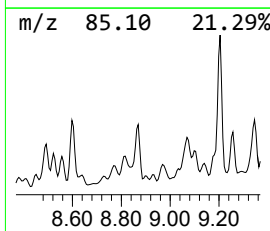
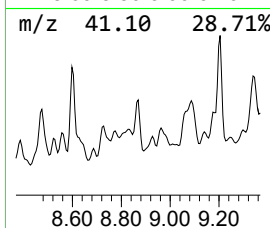
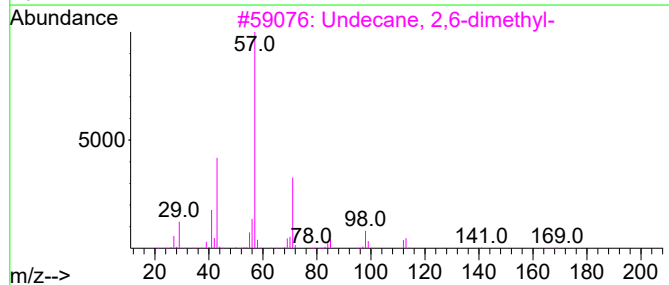
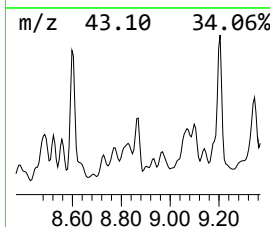
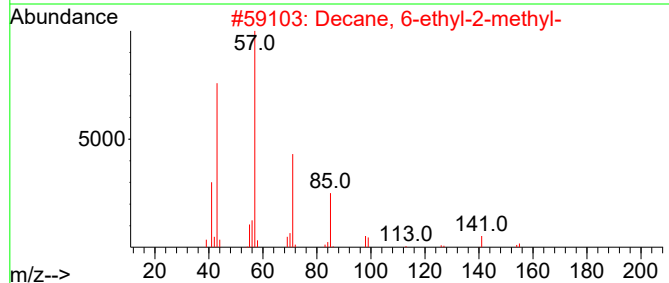
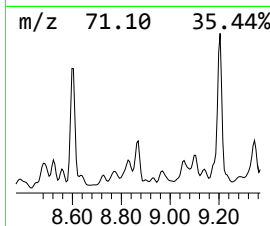
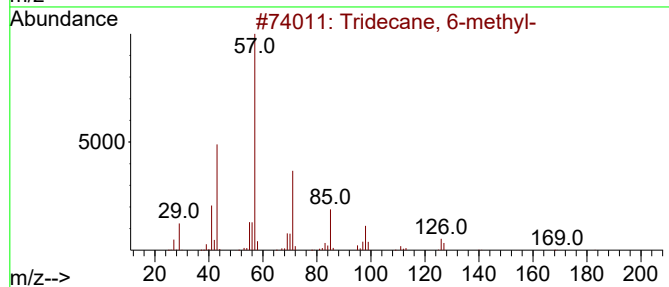
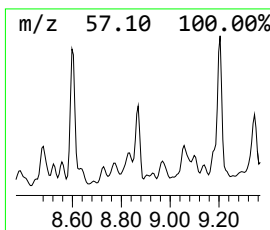
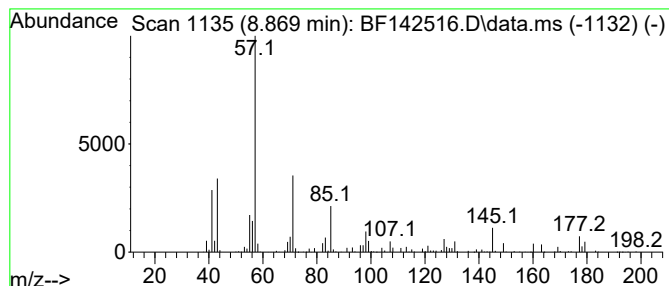
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Tridecane, 6-methyl- Concentration Rank 8

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.869 | 12.78 ng | 617502 | Naphthalene-d8   | 8.181 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Tridecane, 6-methyl-      | 198 | C14H30  | 013287-21-3 | 50   |
| 2    |      | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 47   |
| 3    |      | Undecane, 2,6-dimethyl-   | 184 | C13H28  | 017301-23-4 | 45   |
| 4    |      | Tridecane, 3-methyl-      | 198 | C14H30  | 006418-41-3 | 43   |
| 5    |      | 3-Hexanone, 2,4-dimethyl- | 128 | C8H16O  | 018641-70-8 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

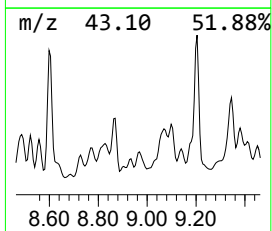
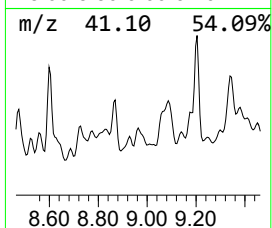
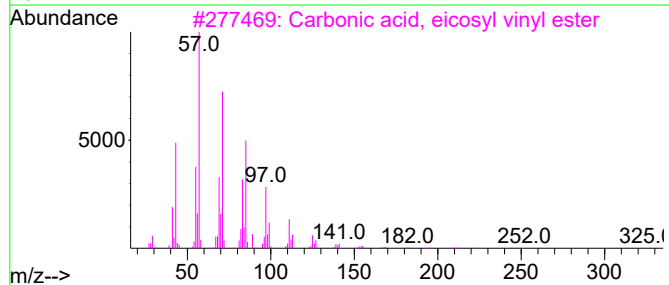
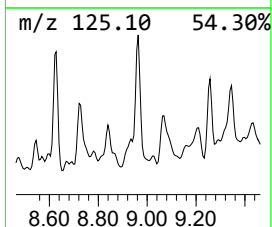
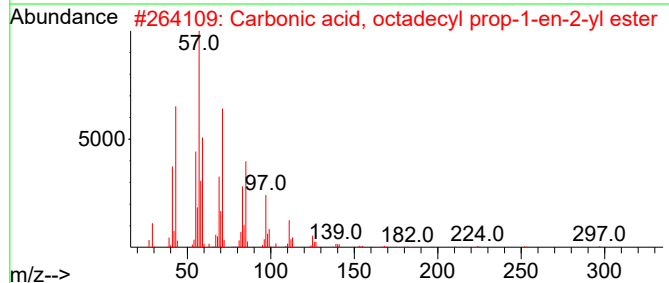
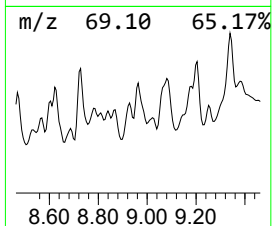
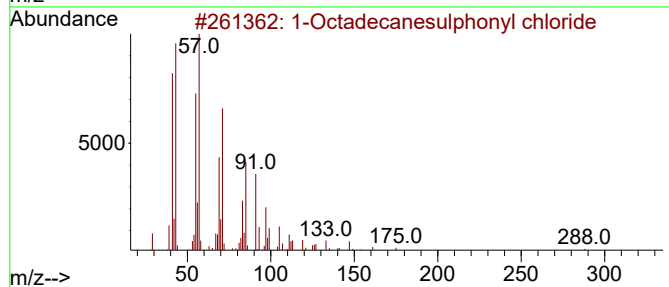
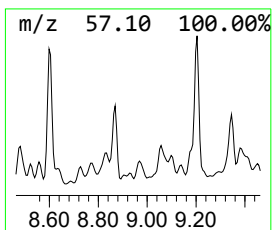
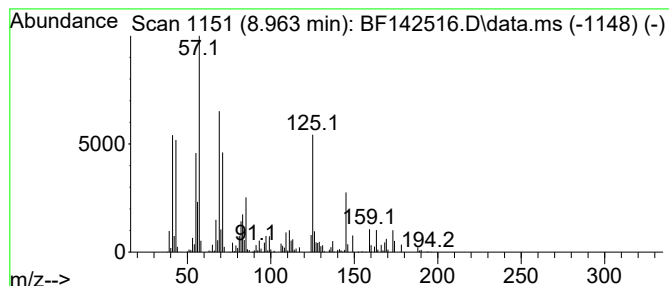
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown8.963 Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.963 | 6.29 ng | 303853 | Naphthalene-d8   | 8.181 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|------|-------------------------------------|-----|-------------|--------------|------|
| 1    |      | 1-Octadecanesulphonyl chloride      | 352 | C18H37ClO2S | 1000342-70-4 | 27   |
| 2    |      | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3    | 1000383-11-5 | 27   |
| 3    |      | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3    | 1000382-54-3 | 27   |
| 4    |      | Hexadecane, 7,9-dimethyl-           | 254 | C18H38      | 021164-95-4  | 25   |
| 5    |      | Undecane, 3,9-dimethyl-             | 184 | C13H28      | 017301-31-4  | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

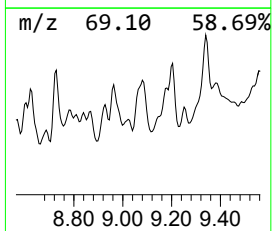
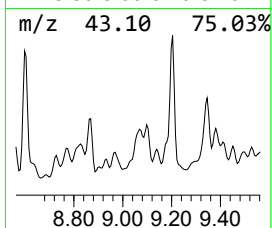
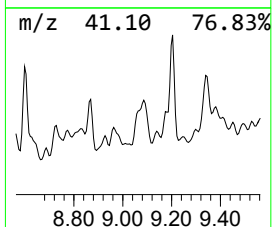
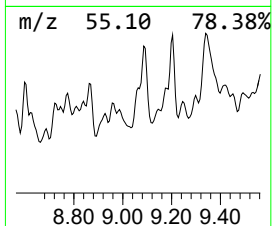
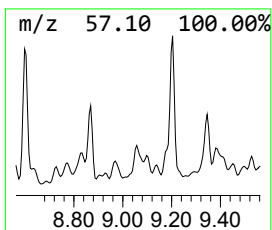
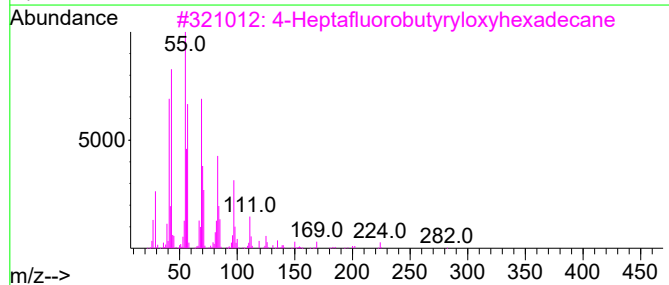
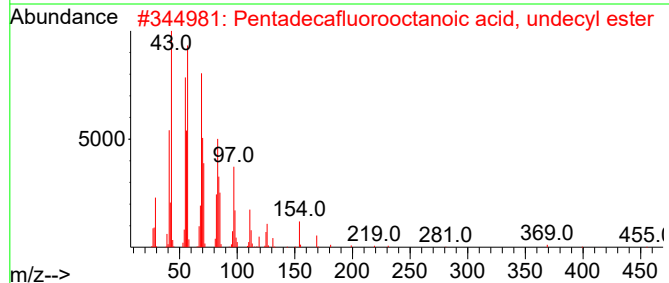
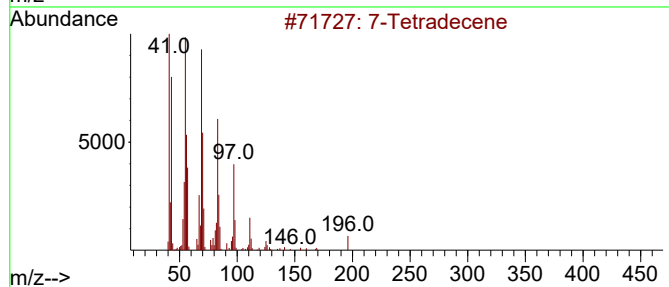
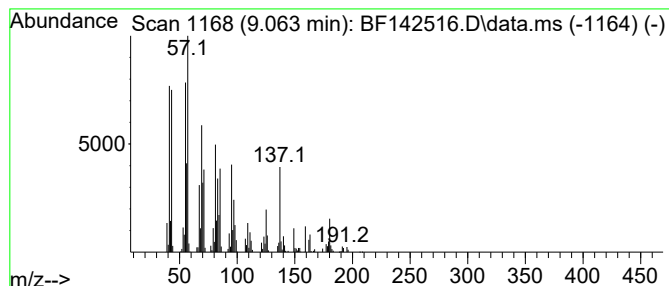
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 unknown9.063 Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.063 | 6.27 ng | 469264 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 7-Tetradecene                       | 196 | C14H28      | 010374-74-0  | 46   |
| 2    |    |   | Pentadecafluorooctanoic acid, un... | 568 | C19H23F15O2 | 1010406-04-1 | 38   |
| 3    |    |   | 4-Heptafluorobutyryloxyhexadecane   | 438 | C20H33F7O2  | 1010282-97-2 | 35   |
| 4    |    |   | 2-Tridecene, (E)-                   | 182 | C13H26      | 041446-58-6  | 25   |
| 5    |    |   | Dichloroacetic acid, tridecyl ester | 310 | C15H28Cl2O2 | 1000280-48-3 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

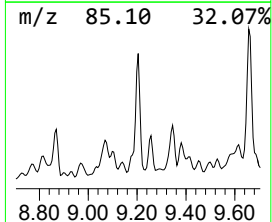
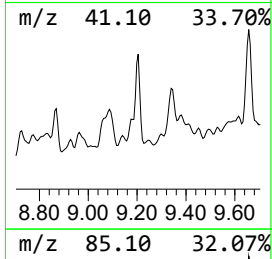
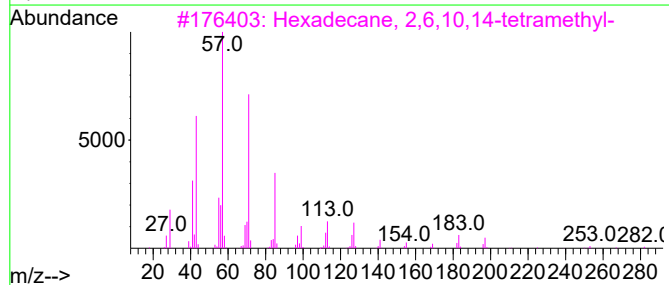
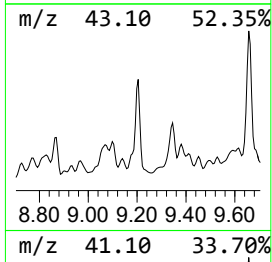
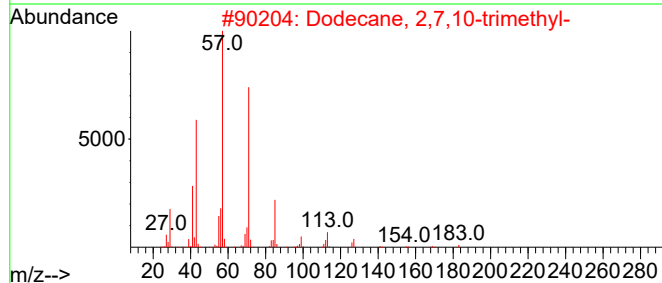
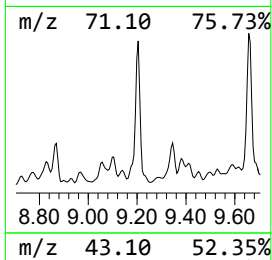
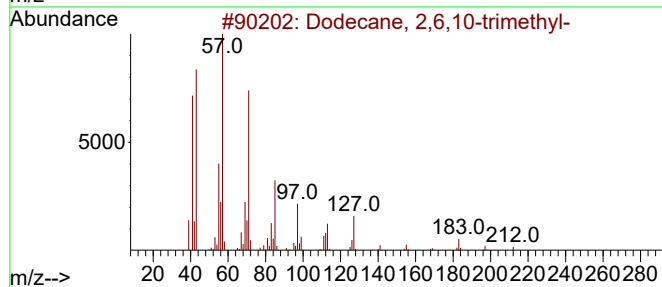
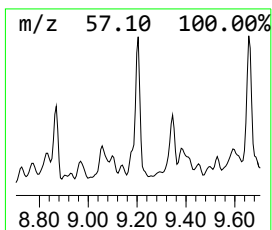
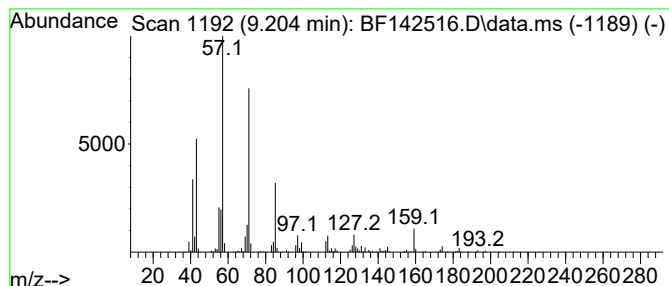
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ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.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 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 9.204     | 14.62 ng                            | 1095090 | Acenaphthene-d10 | 9.939       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Dodecane, 2,6,10-trimethyl-         | 212     | C15H32           | 003891-98-3 | 90   |
| 2         | Dodecane, 2,7,10-trimethyl-         | 212     | C15H32           | 074645-98-0 | 86   |
| 3         | Hexadecane, 2,6,10,14-tetramethyl-  | 282     | C20H42           | 000638-36-8 | 86   |
| 4         | Dodecane, 2,6,11-trimethyl-         | 212     | C15H32           | 031295-56-4 | 72   |
| 5         | Pentadecane, 2,6,10,14-tetramethyl- | 268     | C19H40           | 001921-70-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

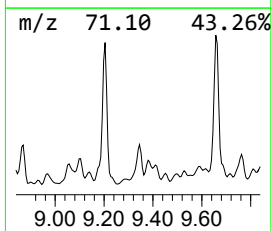
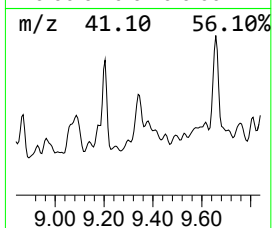
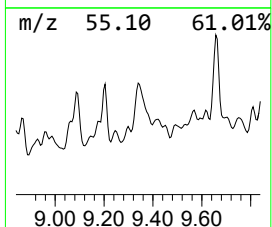
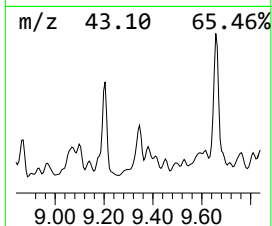
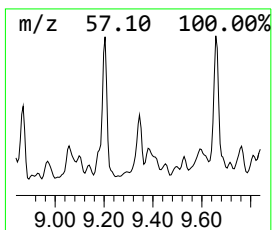
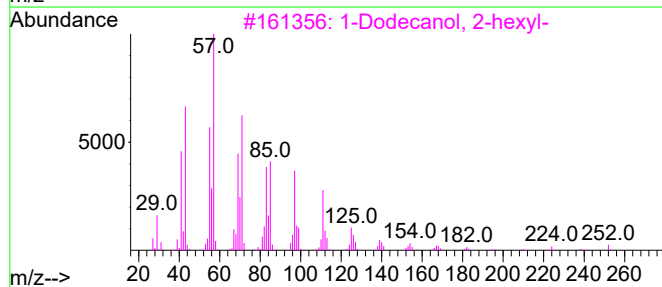
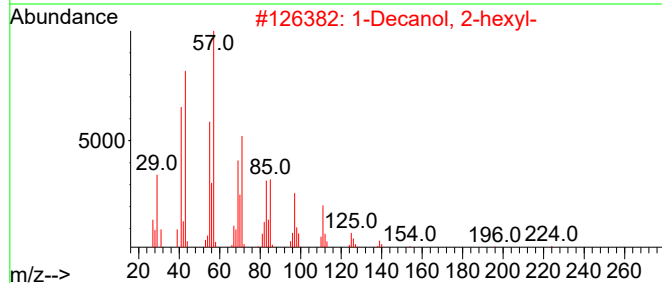
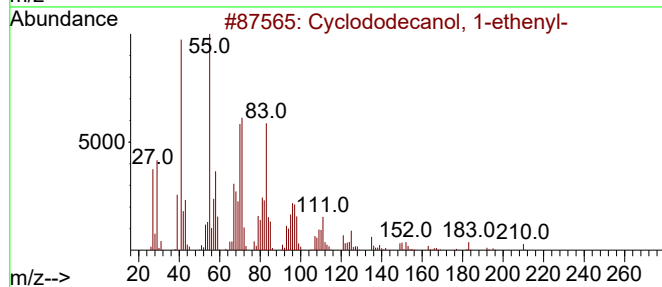
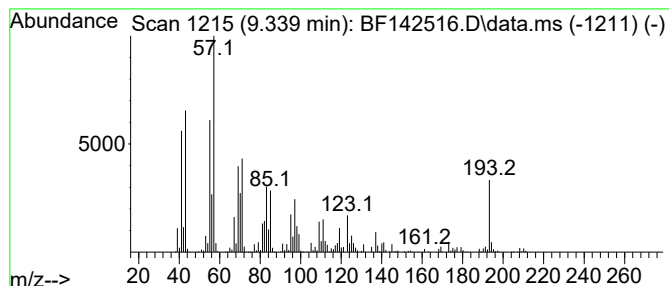
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ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.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 Cyclododecanol, 1-ethenyl- Concentration Rank 9

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.339     | 12.39 ng                            | 928150 | Acenaphthene-d10 | 9.939        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Cyclododecanol, 1-ethenyl-          | 210    | C14H26O          | 006244-49-1  | 56   |
| 2         | 1-Decanol, 2-hexyl-                 | 242    | C16H34O          | 002425-77-6  | 55   |
| 3         | 1-Dodecanol, 2-hexyl-               | 270    | C18H38O          | 110225-00-8  | 49   |
| 4         | 1-Dodecanol, 2-octyl-               | 298    | C20H42O          | 005333-42-6  | 49   |
| 5         | Oxalic acid, cyclobutyl octadecy... | 396    | C24H44O4         | 1000309-70-8 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

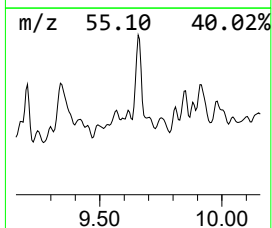
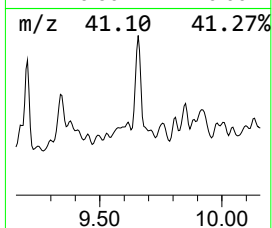
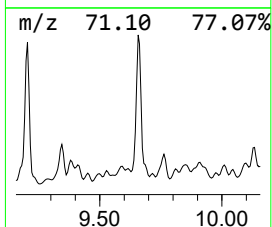
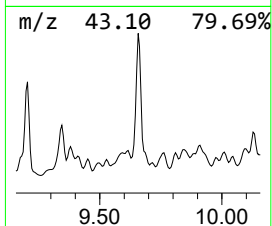
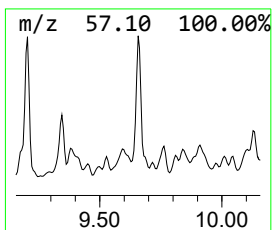
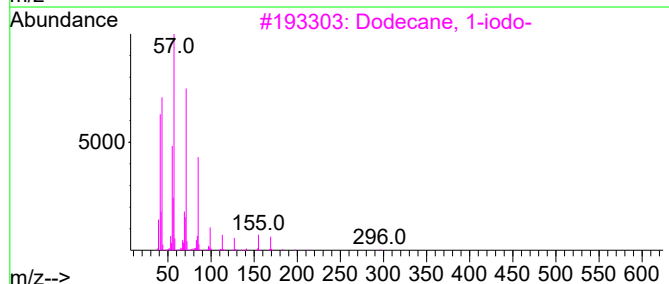
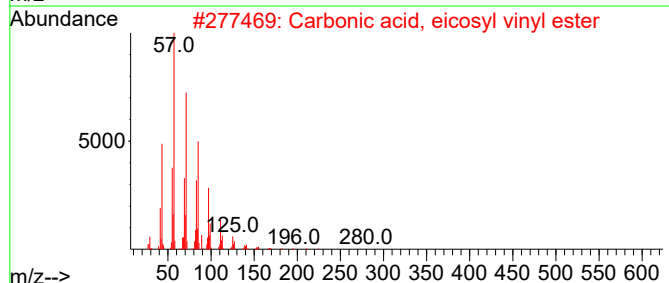
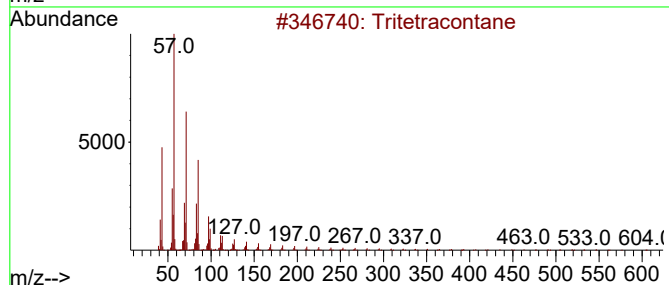
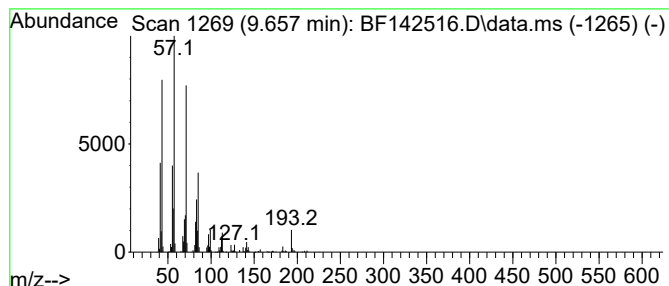
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Tritetracontane Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.657 | 20.00 ng | 1497780 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tritetracontane                    | 605 | C43H88   | 007098-21-7  | 90   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80   |
| 3    |    |   | Dodecane, 1-iodo-                  | 296 | C12H25I  | 004292-19-7  | 80   |
| 4    |    |   | Tetradecane, 1-iodo-               | 324 | C14H29I  | 019218-94-1  | 80   |
| 5    |    |   | Tetracosane                        | 338 | C24H50   | 000646-31-1  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

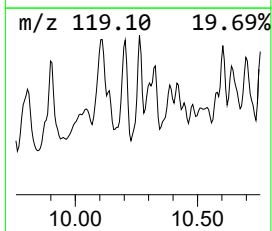
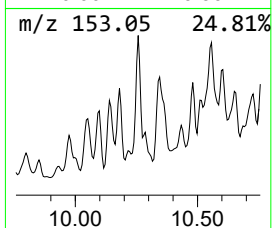
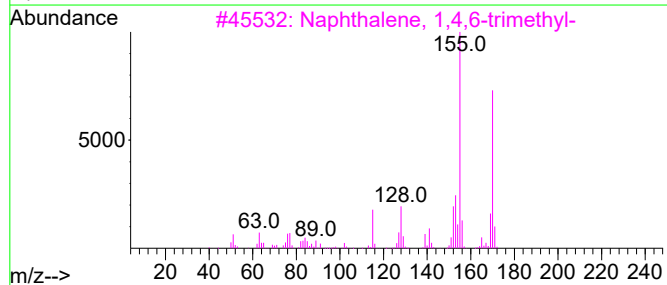
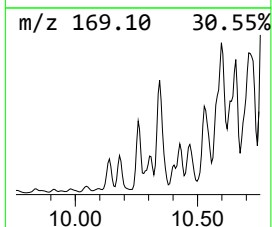
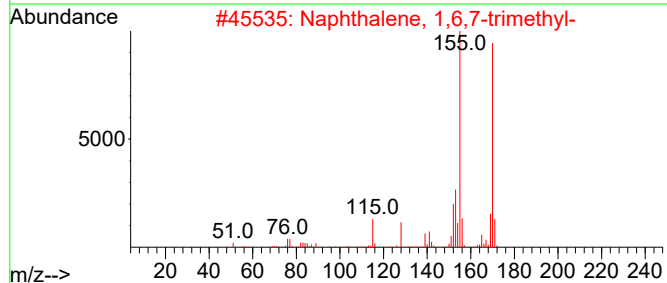
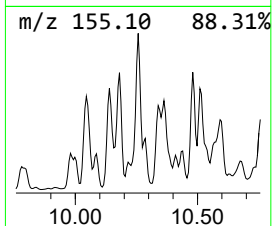
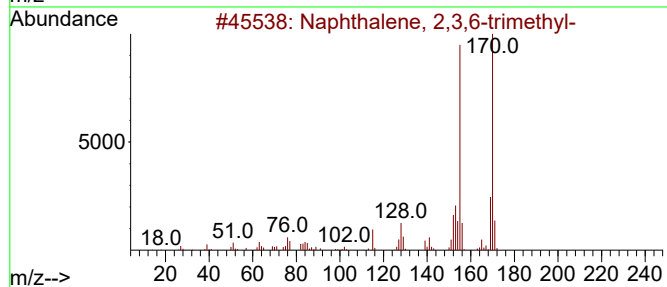
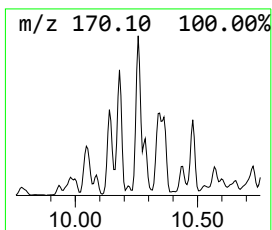
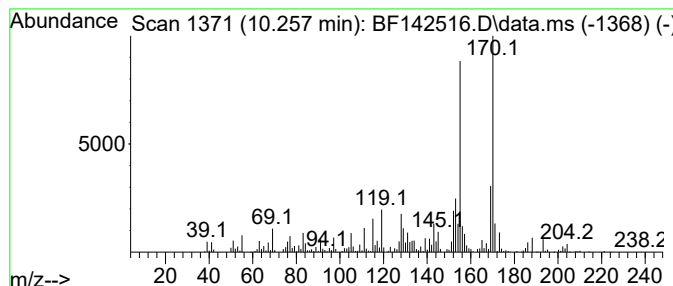
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.257 | 6.27 ng | 469816 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 2,3,6-trimethyl-   | 170 | C13H14  | 000829-26-5  | 97   |
| 2    |    |   | Naphthalene, 1,6,7-trimethyl-   | 170 | C13H14  | 002245-38-7  | 96   |
| 3    |    |   | Naphthalene, 1,4,6-trimethyl-   | 170 | C13H14  | 002131-42-2  | 94   |
| 4    |    |   | 4,6,8-Trimethylazulene          | 170 | C13H14  | 000941-81-1  | 93   |
| 5    |    |   | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14  | 1000187-78-5 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

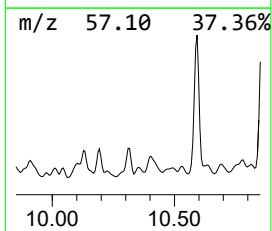
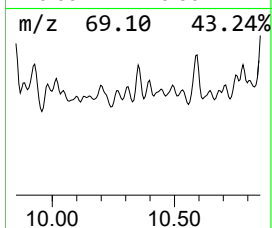
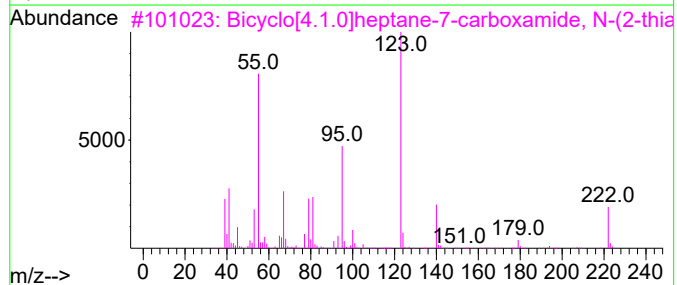
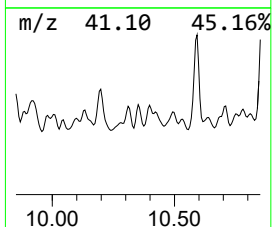
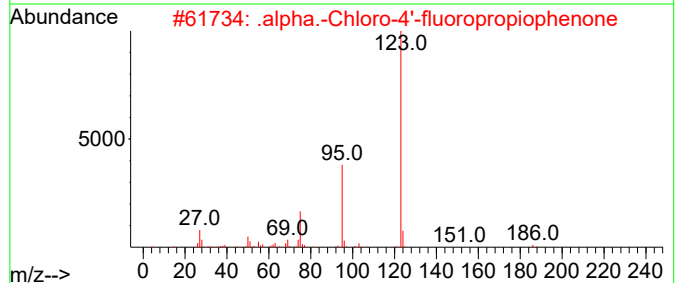
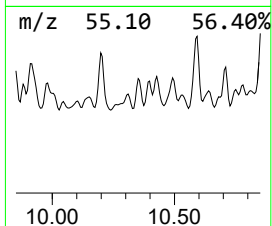
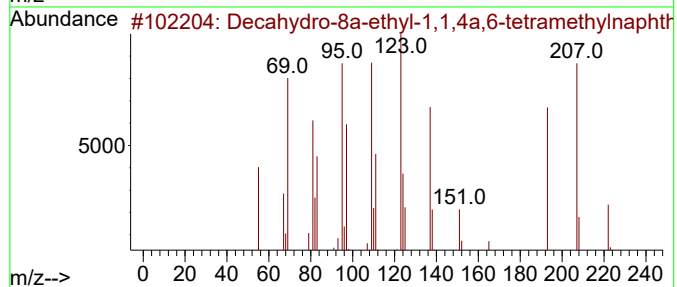
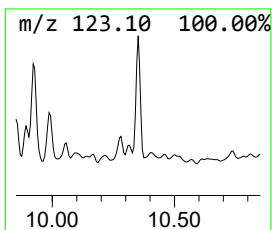
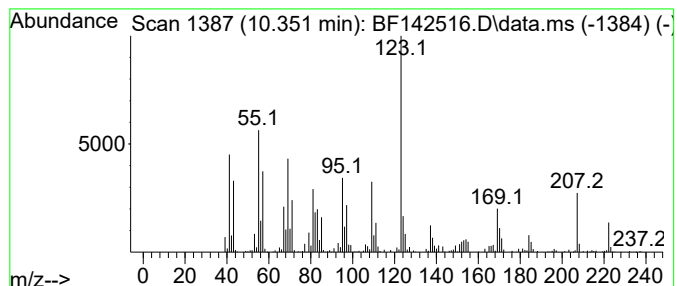
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 unknown10.351 Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 10.351    | 6.54 ng                             | 489471 | Acenaphthene-d10 | 9.939        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Decahydro-8a-ethyl-1,1,4a,6-tetr... | 222    | C16H30           | 1000100-23-6 | 45   |
| 2         | .alpha.-Chloro-4'-fluoropropioph... | 186    | C9H8ClFO         | 081112-09-6  | 38   |
| 3         | Bicyclo[4.1.0]heptane-7-carboxam... | 222    | C11H14N2OS       | 329912-72-3  | 38   |
| 4         | 4-Fluorobenzoic acid, 3-tridecyl... | 322    | C20H31FO2        | 1000280-67-9 | 38   |
| 5         | Benzamide, 3-fluoro-N-methyl-N-p... | 195    | C11H14FNO        | 1000421-36-5 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

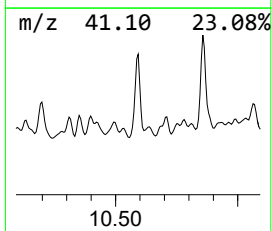
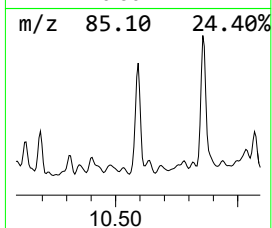
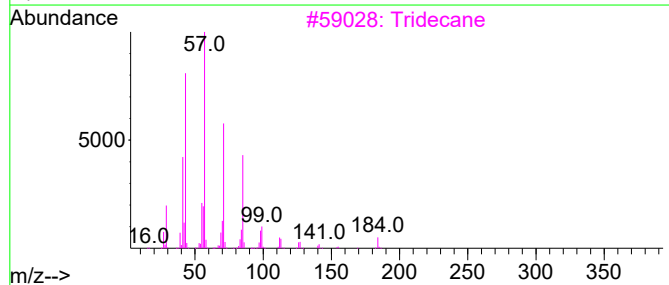
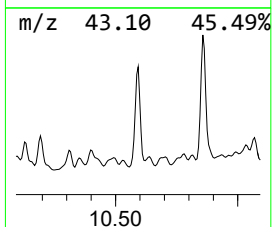
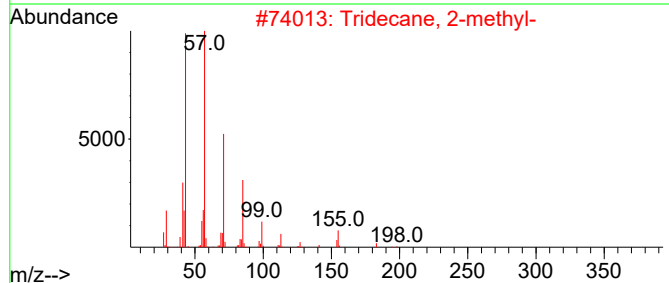
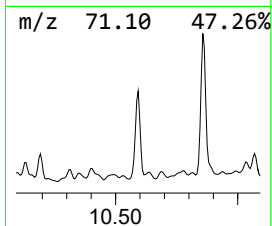
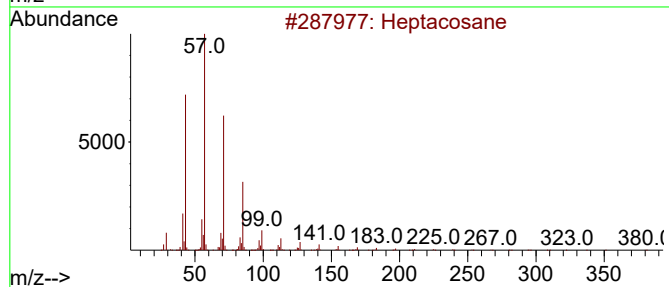
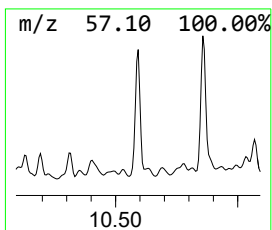
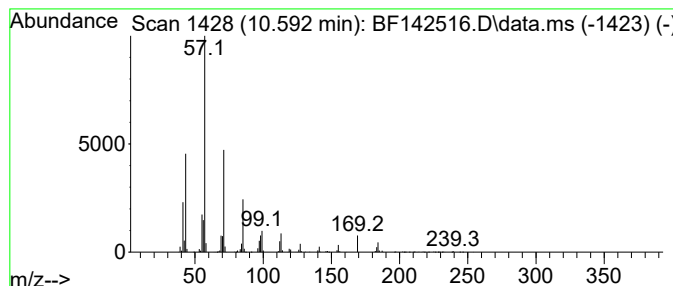
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Heptacosane Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.592 | 20.11 ng | 1506050 | Acenaphthene-d10 | 9.939 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Heptacosane          | 380 | C27H56  | 000593-49-7 | 86   |
| 2    |      | Tridecane, 2-methyl- | 198 | C14H30  | 001560-96-9 | 72   |
| 3    |      | Tridecane            | 184 | C13H28  | 000629-50-5 | 72   |
| 4    |      | Octacosane           | 394 | C28H58  | 000630-02-4 | 72   |
| 5    |      | Heneicosane          | 296 | C21H44  | 000629-94-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

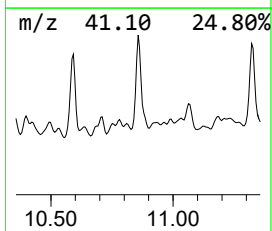
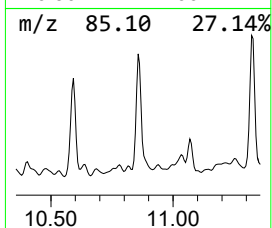
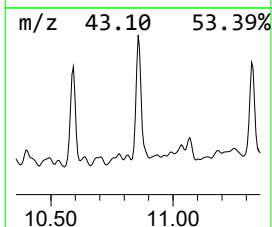
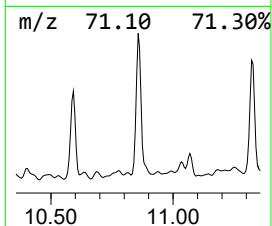
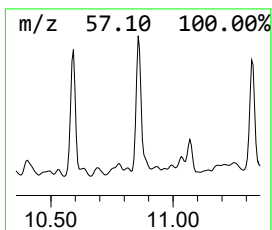
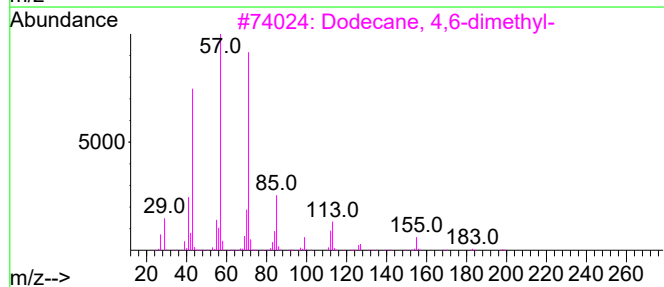
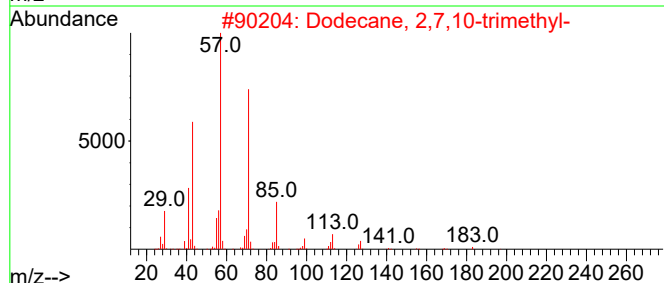
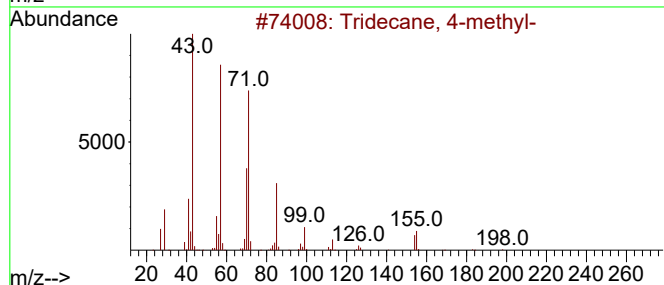
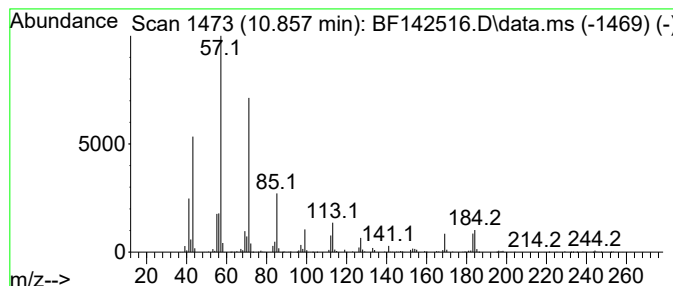
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Tridecane, 4-methyl- Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.857 | 44.48 ng | 2115980 | Phenanthrene-d10 | 11.427 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 4-methyl-               | 198 | C14H30  | 026730-12-1 | 76   |
| 2    |    |   | Dodecane, 2,7,10-trimethyl-        | 212 | C15H32  | 074645-98-0 | 72   |
| 3    |    |   | Dodecane, 4,6-dimethyl-            | 198 | C14H30  | 061141-72-8 | 68   |
| 4    |    |   | Tridecane, 2-methyl-               | 198 | C14H30  | 001560-96-9 | 64   |
| 5    |    |   | Hexadecane, 2,6,11,15-tetramethyl- | 282 | C20H42  | 000504-44-9 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

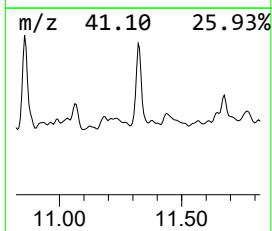
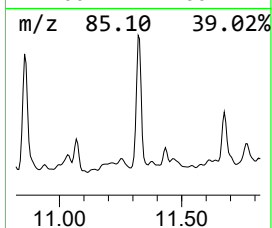
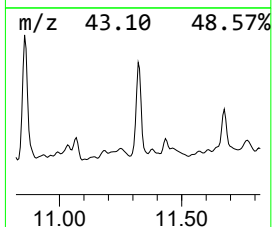
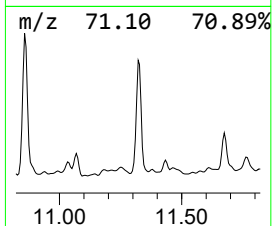
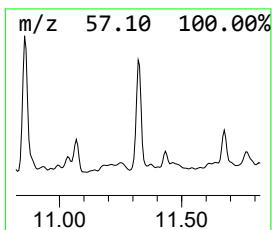
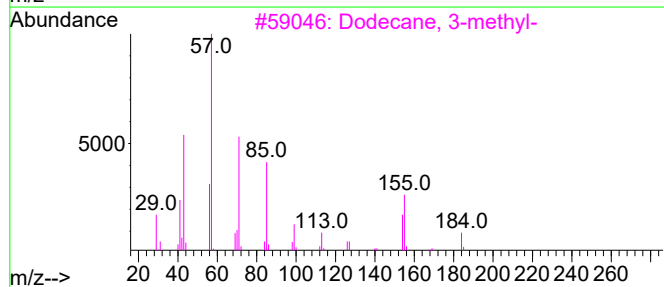
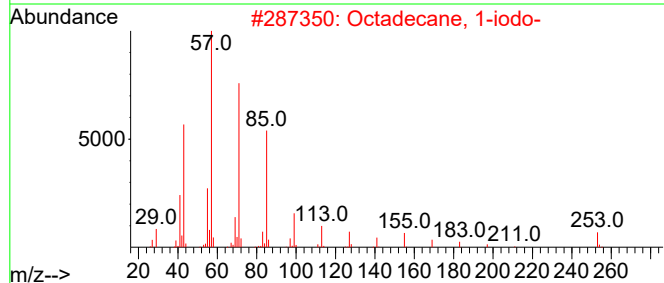
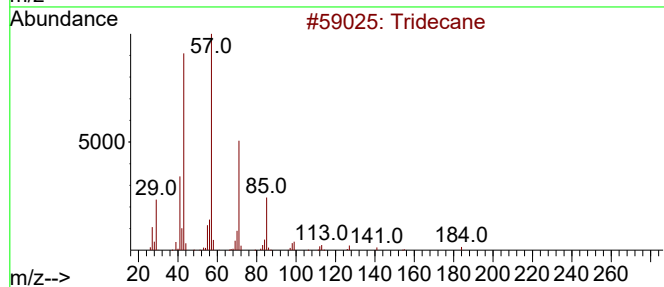
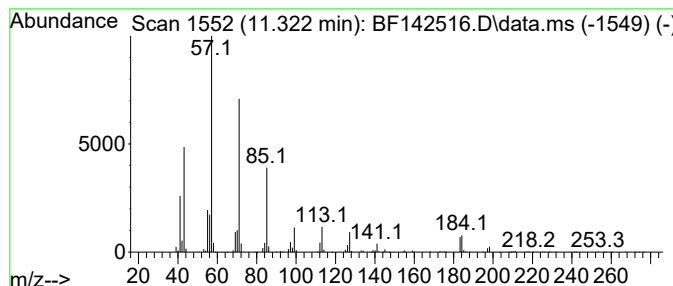
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Tridecane Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.322 | 35.72 ng | 1698990 | Phenanthrene-d10 | 11.427 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane            | 184 | C13H28  | 000629-50-5 | 91   |
| 2    |    |   | Octadecane, 1-iodo-  | 380 | C18H37I | 000629-93-6 | 86   |
| 3    |    |   | Dodecane, 3-methyl-  | 184 | C13H28  | 017312-57-1 | 86   |
| 4    |    |   | Hexadecane, 1-iodo-  | 352 | C16H33I | 000544-77-4 | 86   |
| 5    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052225\  
Data File : BF142516.D  
Acq On : 22 May 2025 18:00  
Operator : RC/JU  
Sample : Q2092-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-202

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.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-... | 5.110  | 5.7     | ng    | 194359   | 1                     | 6.898  | 687877  | 20.0 |
| Decane, 3-methyl-  | 7.287  | 4.9     | ng    | 167782   | 1                     | 6.898  | 687877  | 20.0 |
| unknown7.539       | 7.539  | 5.5     | ng    | 190461   | 1                     | 6.898  | 687877  | 20.0 |
| Octacosane         | 7.928  | 4.9     | ng    | 238171   | 2                     | 8.181  | 966088  | 20.0 |
| Undecane, 2,6-d... | 8.239  | 17.2    | ng    | 830414   | 2                     | 8.181  | 966088  | 20.0 |
| unknown8.269       | 8.269  | 7.1     | ng    | 343654   | 2                     | 8.181  | 966088  | 20.0 |
| unknown8.475       | 8.475  | 11.6    | ng    | 560331   | 2                     | 8.181  | 966088  | 20.0 |
| Dodecane, 4,6-d... | 8.598  | 18.5    | ng    | 891910   | 2                     | 8.181  | 966088  | 20.0 |
| Cyclohexane, 1,... | 8.728  | 9.6     | ng    | 465050   | 2                     | 8.181  | 966088  | 20.0 |
| Tridecane, 6-me... | 8.869  | 12.8    | ng    | 617502   | 2                     | 8.181  | 966088  | 20.0 |
| unknown8.963       | 8.963  | 6.3     | ng    | 303853   | 2                     | 8.181  | 966088  | 20.0 |
| unknown9.063       | 9.063  | 6.3     | ng    | 469264   | 3                     | 9.939  | 1497780 | 20.0 |
| Dodecane, 2,6,1... | 9.204  | 14.6    | ng    | 1095090  | 3                     | 9.939  | 1497780 | 20.0 |
| Cyclododecanol,... | 9.339  | 12.4    | ng    | 928150   | 3                     | 9.939  | 1497780 | 20.0 |
| Tritetracontane    | 9.657  | 20.0    | ng    | 1497780  | 3                     | 9.939  | 1497780 | 20.0 |
| Naphthalene, 2,... | 10.257 | 6.3     | ng    | 469816   | 3                     | 9.939  | 1497780 | 20.0 |
| unknown10.351      | 10.351 | 6.5     | ng    | 489471   | 3                     | 9.939  | 1497780 | 20.0 |
| Heptacosane        | 10.592 | 20.1    | ng    | 1506050  | 3                     | 9.939  | 1497780 | 20.0 |
| Tridecane, 4-me... | 10.857 | 44.5    | ng    | 2115980  | 4                     | 11.427 | 951368  | 20.0 |
| Tridecane          | 11.322 | 35.7    | ng    | 1698990  | 4                     | 11.427 | 951368  | 20.0 |