

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
 Data File : BF141731.D  
 Acq On : 21 Feb 2025 20:42  
 Operator : RC/JU  
 Sample : Q1400-01 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-02202025

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141731.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         | 5.398       | 558           | 562         | 577          | rVB      | 214840         | 340667        | 7.95%           | 0.820%        |
| 2         | 5.681       | 605           | 610         | 616          | rVB      | 65612          | 88507         | 2.07%           | 0.213%        |
| 3         | 6.022       | 663           | 668         | 674          | rBV2     | 69766          | 115531        | 2.70%           | 0.278%        |
| 4         | 6.210       | 695           | 700         | 703          | rBV      | 42468          | 66357         | 1.55%           | 0.160%        |
| 5         | 6.275       | 703           | 711         | 713          | rVV3     | 57553          | 88435         | 2.06%           | 0.213%        |
| 6         | 6.304       | 713           | 716         | 723          | rVB2     | 161168         | 228441        | 5.33%           | 0.550%        |
| 7         | 6.369       | 723           | 727         | 732          | rBV2     | 86512          | 133277        | 3.11%           | 0.321%        |
| 8         | 6.422       | 732           | 736         | 741          | rBV      | 220974         | 344191        | 8.04%           | 0.828%        |
| 9         | 6.516       | 747           | 752         | 756          | rBV5     | 55421          | 110881        | 2.59%           | 0.267%        |
| 10        | 6.610       | 763           | 768         | 775          | rVB2     | 804648         | 1186544       | 27.70%          | 2.855%        |
| 11        | 6.739       | 775           | 790         | 792          | rBV5     | 73399          | 203263        | 4.75%           | 0.489%        |
| 12        | 6.781       | 792           | 797         | 803          | rVV2     | 474256         | 778407        | 18.17%          | 1.873%        |
| 13        | 6.833       | 803           | 806         | 810          | rVV      | 150378         | 178216        | 4.16%           | 0.429%        |
| 14        | 6.922       | 818           | 821         | 825          | rVV2     | 150341         | 190424        | 4.45%           | 0.458%        |
| 15        | 7.010       | 832           | 836         | 837          | rBV2     | 49324          | 57944         | 1.35%           | 0.139%        |
| 16        | 7.051       | 838           | 843         | 846          | rVV3     | 324437         | 465520        | 10.87%          | 1.120%        |
| 17        | 7.092       | 846           | 850         | 852          | rVV2     | 217040         | 361019        | 8.43%           | 0.869%        |
| 18        | 7.116       | 852           | 854         | 858          | rVB      | 237560         | 269398        | 6.29%           | 0.648%        |
| 19        | 7.169       | 858           | 863         | 867          | rBV2     | 333813         | 468310        | 10.93%          | 1.127%        |
| 20        | 7.245       | 872           | 876         | 877          | rBV      | 92874          | 99639         | 2.33%           | 0.240%        |
| 21        | 7.269       | 877           | 880         | 882          | rVV      | 105066         | 130912        | 3.06%           | 0.315%        |
| 22        | 7.310       | 882           | 887         | 890          | rVV3     | 247340         | 402465        | 9.40%           | 0.968%        |
| 23        | 7.345       | 890           | 893         | 894          | rVV      | 231384         | 283303        | 6.61%           | 0.682%        |
| 24        | 7.375       | 894           | 898         | 902          | rVV      | 1602868        | 2127434       | 49.67%          | 5.118%        |
| 25        | 7.422       | 902           | 906         | 910          | rVB5     | 197116         | 289025        | 6.75%           | 0.695%        |
| 26        | 7.486       | 915           | 917         | 921          | rVV2     | 156063         | 200742        | 4.69%           | 0.483%        |
| 27        | 7.575       | 921           | 932         | 937          | rVV3     | 269459         | 694457        | 16.21%          | 1.671%        |
| 28        | 7.681       | 943           | 950         | 957          | rBV7     | 205539         | 703163        | 16.42%          | 1.692%        |
| 29        | 7.739       | 957           | 960         | 964          | rVB3     | 240302         | 319312        | 7.45%           | 0.768%        |
| 30        | 7.780       | 964           | 967         | 968          | rBV2     | 223598         | 247552        | 5.78%           | 0.596%        |
| 31        | 7.804       | 968           | 971         | 977          | rVB3     | 433580         | 754687        | 17.62%          | 1.816%        |
| 32        | 7.857       | 977           | 980         | 982          | rBV      | 189241         | 223202        | 5.21%           | 0.537%        |
| 33        | 7.933       | 990           | 993         | 996          | rBV3     | 105636         | 120011        | 2.80%           | 0.289%        |
| 34        | 8.045       | 1001          | 1012        | 1020         | rBV2     | 2345142        | 4283220       | 100.00%         | 10.305%       |
| 35        | 8.122       | 1021          | 1025        | 1028         | rVV2     | 614477         | 894231        | 20.88%          | 2.151%        |
| 36        | 8.151       | 1028          | 1030        | 1038         | rVB6     | 219995         | 354214        | 8.27%           | 0.852%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
 Data File : BF141731.D  
 Acq On : 21 Feb 2025 20:42  
 Operator : RC/JU  
 Sample : Q1400-01 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-02202025

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-BF020625.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 8.222  | 1038 | 1042 | 1045 | rBV3 | 141881  | 283833  | 6.63%  | 0.683% |
| 38 | 8.263  | 1045 | 1049 | 1053 | rVB2 | 303307  | 394794  | 9.22%  | 0.950% |
| 39 | 8.357  | 1060 | 1065 | 1070 | rVB6 | 355829  | 627117  | 14.64% | 1.509% |
| 40 | 8.404  | 1070 | 1073 | 1076 | rBV3 | 180613  | 207736  | 4.85%  | 0.500% |
| 41 | 8.439  | 1076 | 1079 | 1082 | rVB2 | 353146  | 399184  | 9.32%  | 0.960% |
| 42 | 8.480  | 1082 | 1086 | 1092 | rBV  | 685132  | 990591  | 23.13% | 2.383% |
| 43 | 8.563  | 1097 | 1100 | 1103 | rBV2 | 401967  | 478445  | 11.17% | 1.151% |
| 44 | 8.598  | 1103 | 1106 | 1111 | rBV5 | 116981  | 167340  | 3.91%  | 0.403% |
| 45 | 8.657  | 1111 | 1116 | 1120 | rBV  | 2112740 | 2719901 | 63.50% | 6.544% |
| 46 | 8.722  | 1124 | 1127 | 1129 | rBV2 | 133198  | 145859  | 3.41%  | 0.351% |
| 47 | 8.880  | 1151 | 1154 | 1158 | rBV2 | 297615  | 355249  | 8.29%  | 0.855% |
| 48 | 8.933  | 1161 | 1163 | 1166 | rBV3 | 106041  | 139158  | 3.25%  | 0.335% |
| 49 | 9.016  | 1173 | 1177 | 1181 | rVB3 | 312673  | 437316  | 10.21% | 1.052% |
| 50 | 9.057  | 1181 | 1184 | 1185 | rVV  | 195443  | 226697  | 5.29%  | 0.545% |
| 51 | 9.080  | 1185 | 1188 | 1194 | rVV3 | 630520  | 837676  | 19.56% | 2.015% |
| 52 | 9.133  | 1194 | 1197 | 1201 | rVB  | 305404  | 356355  | 8.32%  | 0.857% |
| 53 | 9.216  | 1206 | 1211 | 1216 | rBV  | 2061105 | 2826387 | 65.99% | 6.800% |
| 54 | 9.533  | 1260 | 1265 | 1272 | rVV4 | 560070  | 1127303 | 26.32% | 2.712% |
| 55 | 9.592  | 1272 | 1275 | 1279 | rVB3 | 225066  | 255830  | 5.97%  | 0.615% |
| 56 | 9.680  | 1287 | 1290 | 1294 | rBV4 | 95452   | 127929  | 2.99%  | 0.308% |
| 57 | 9.745  | 1297 | 1301 | 1305 | rVV  | 1486094 | 1823467 | 42.57% | 4.387% |
| 58 | 9.810  | 1305 | 1312 | 1317 | rVB  | 473687  | 774366  | 18.08% | 1.863% |
| 59 | 9.974  | 1336 | 1340 | 1342 | rBV  | 136496  | 204955  | 4.79%  | 0.493% |
| 60 | 10.063 | 1352 | 1355 | 1359 | rVB4 | 190361  | 240556  | 5.62%  | 0.579% |
| 61 | 10.245 | 1381 | 1386 | 1393 | rVB  | 845144  | 1100961 | 25.70% | 2.649% |
| 62 | 10.457 | 1418 | 1422 | 1428 | rVB  | 226650  | 367122  | 8.57%  | 0.883% |
| 63 | 10.516 | 1429 | 1432 | 1435 | rBV3 | 50532   | 68962   | 1.61%  | 0.166% |
| 64 | 10.580 | 1440 | 1443 | 1444 | rVV3 | 62657   | 71147   | 1.66%  | 0.171% |
| 65 | 10.604 | 1444 | 1447 | 1458 | rVB  | 138434  | 237865  | 5.55%  | 0.572% |
| 66 | 10.716 | 1461 | 1466 | 1475 | rVB  | 550288  | 853517  | 19.93% | 2.053% |
| 67 | 11.163 | 1537 | 1542 | 1545 | rBV  | 218230  | 309720  | 7.23%  | 0.745% |
| 68 | 11.192 | 1545 | 1547 | 1553 | rVB2 | 122343  | 142274  | 3.32%  | 0.342% |
| 69 | 11.298 | 1560 | 1565 | 1575 | rBV2 | 439067  | 797865  | 18.63% | 1.920% |
| 70 | 11.539 | 1602 | 1606 | 1610 | rVB2 | 33160   | 42905   | 1.00%  | 0.103% |
| 71 | 11.586 | 1610 | 1614 | 1618 | rBV  | 129204  | 159462  | 3.72%  | 0.384% |
| 72 | 11.686 | 1627 | 1631 | 1638 | rVB  | 209444  | 271260  | 6.33%  | 0.653% |
| 73 | 11.827 | 1652 | 1655 | 1661 | rVB  | 58532   | 79932   | 1.87%  | 0.192% |
| 74 | 11.910 | 1666 | 1669 | 1677 | rVB  | 47459   | 86265   | 2.01%  | 0.208% |
| 75 | 11.992 | 1679 | 1683 | 1692 | rVB  | 94769   | 124574  | 2.91%  | 0.300% |
| 76 | 12.374 | 1740 | 1748 | 1749 | rBV  | 541294  | 656999  | 15.34% | 1.581% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

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-BF020625.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 12.480 | 1762 | 1766 | 1768 | rBV  | 104172 | 130926 | 3.06%  | 0.315% |
| 78 | 12.510 | 1768 | 1771 | 1784 | rVB  | 186450 | 391274 | 9.14%  | 0.941% |
| 79 | 12.739 | 1804 | 1810 | 1816 | rBV2 | 156052 | 286942 | 6.70%  | 0.690% |
| 80 | 12.880 | 1829 | 1834 | 1843 | rVB  | 281153 | 394826 | 9.22%  | 0.950% |
| 81 | 13.110 | 1870 | 1873 | 1876 | rBV2 | 38839  | 60235  | 1.41%  | 0.145% |
| 82 | 13.933 | 2008 | 2013 | 2024 | rBV2 | 369301 | 604659 | 14.12% | 1.455% |
| 83 | 15.380 | 2254 | 2259 | 2275 | rVB  | 217843 | 374681 | 8.75%  | 0.901% |

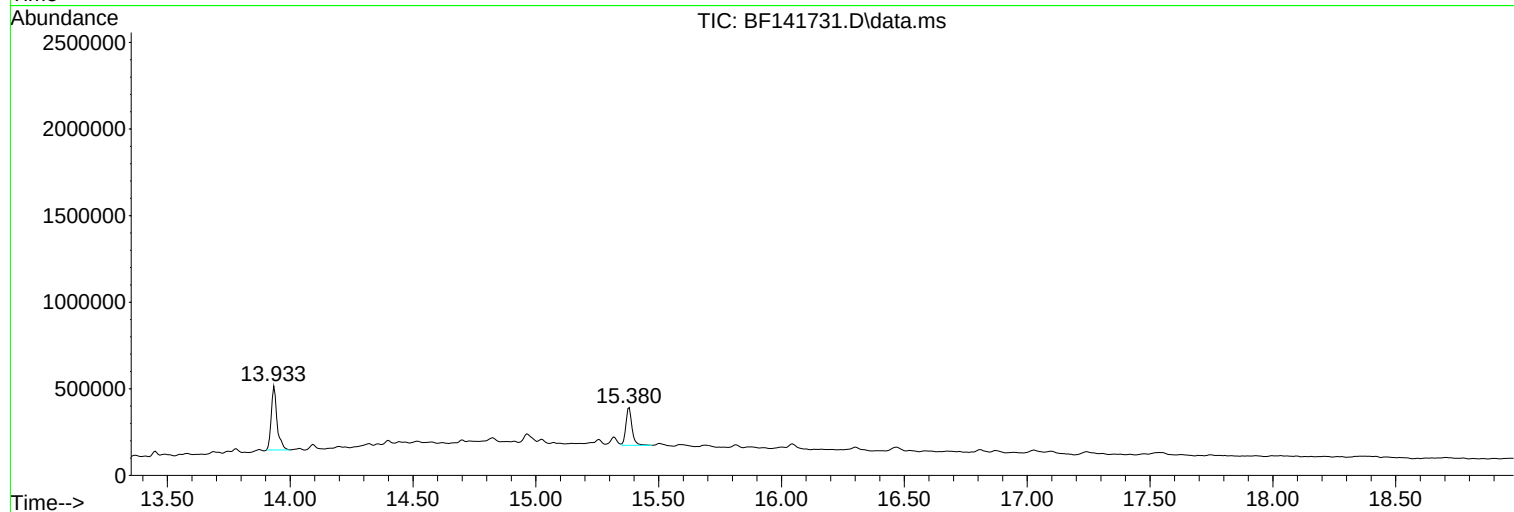
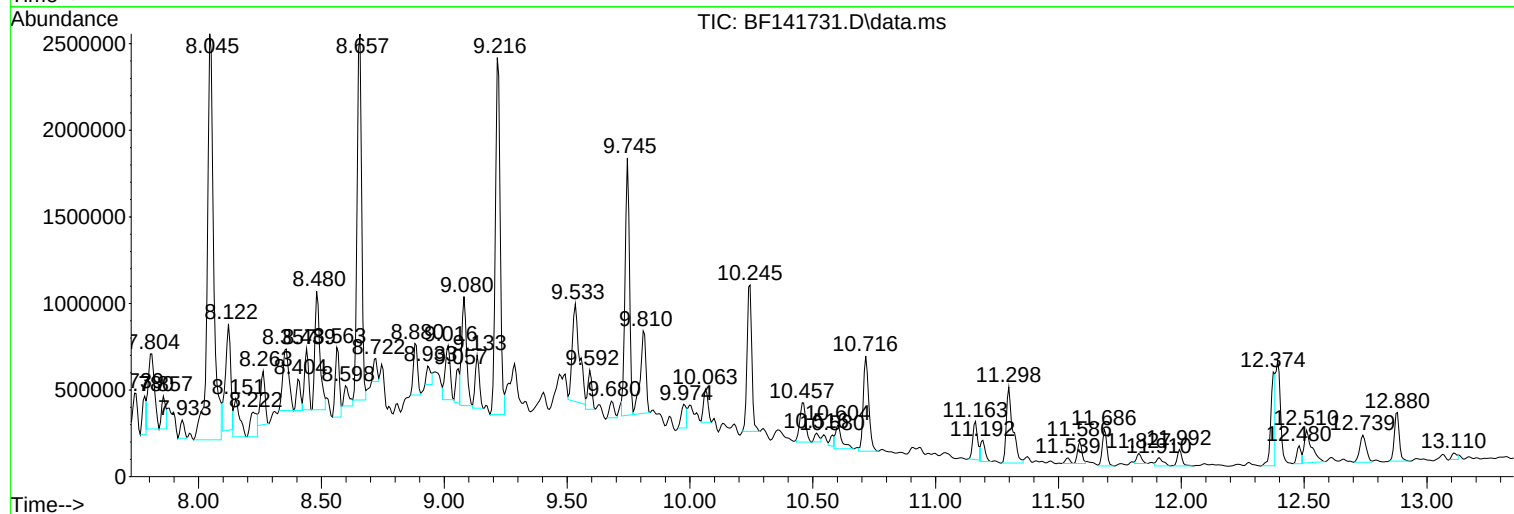
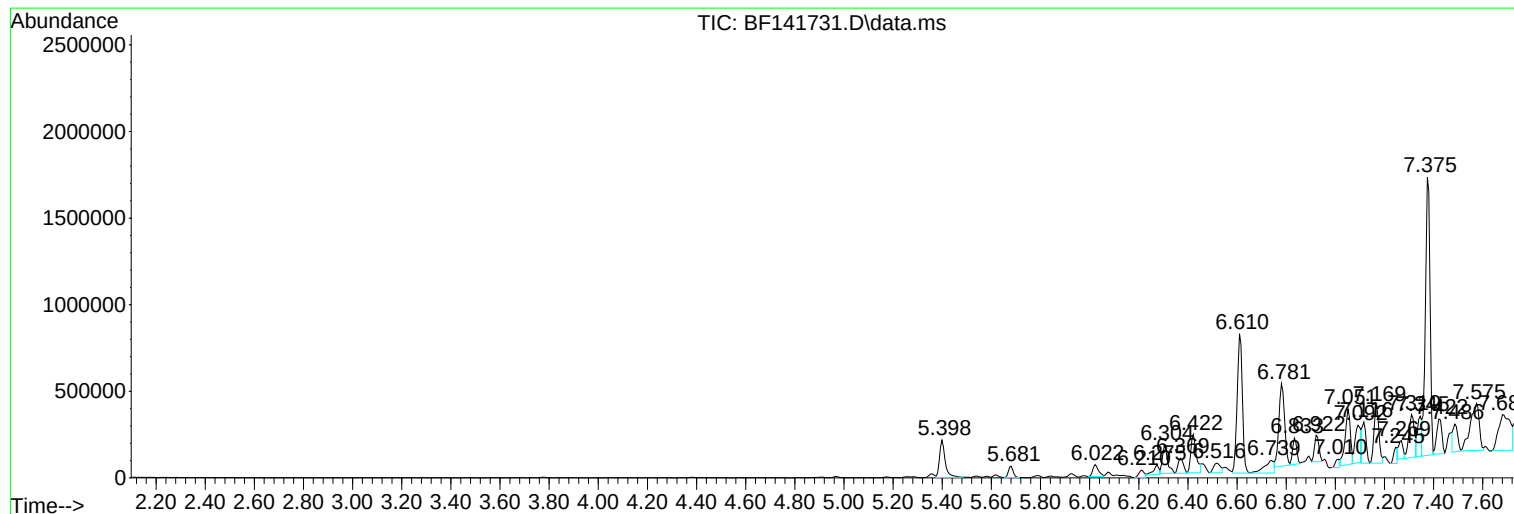
Sum of corrected areas: 41565318

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.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\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

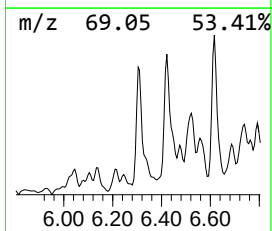
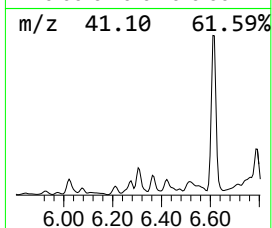
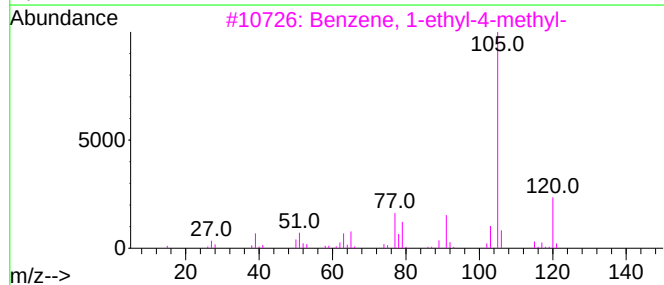
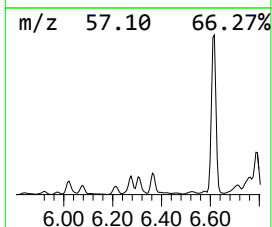
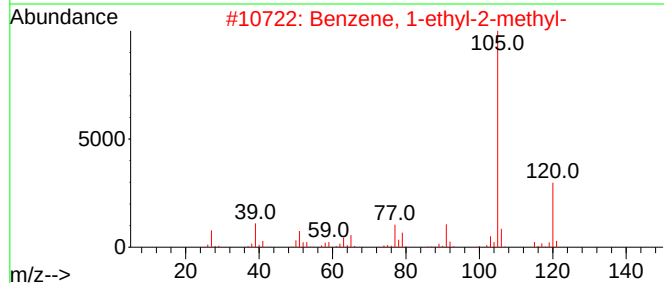
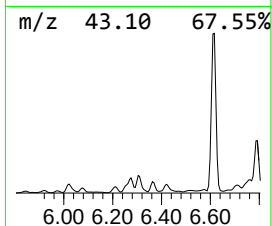
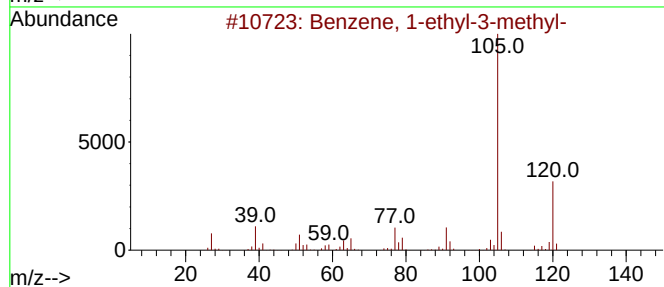
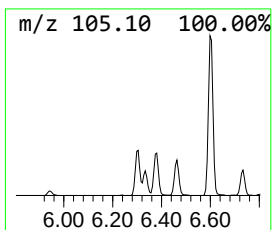
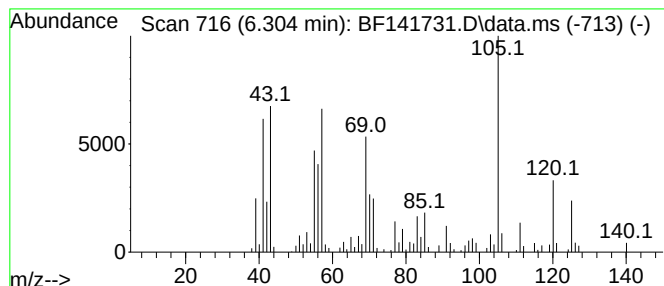
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.304 | 5.87 ng | 228441 | 1,4-Dichlorobenzene-d4 | 6.781 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm     | CAS#        | Qual |
|------|----|---|----------------------------|-----|-------------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12       | 000620-14-4 | 56   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12       | 000611-14-3 | 56   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12       | 000622-96-8 | 53   |
| 4    |    |   | Silane, trichlorodocosyl-  | 442 | C22H45Cl3Si | 007325-84-0 | 38   |
| 5    |    |   | 1-Nonene                   | 126 | C9H18       | 000124-11-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

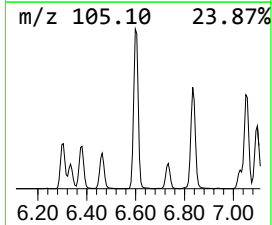
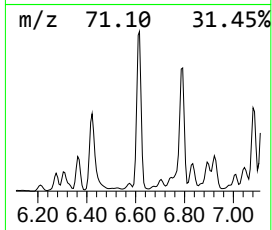
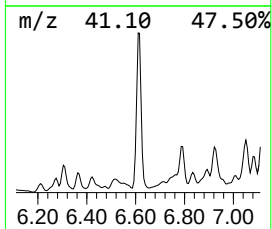
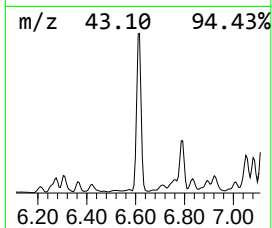
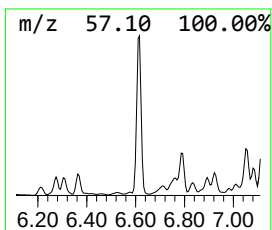
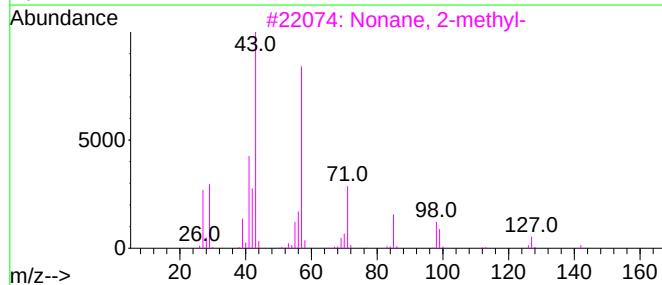
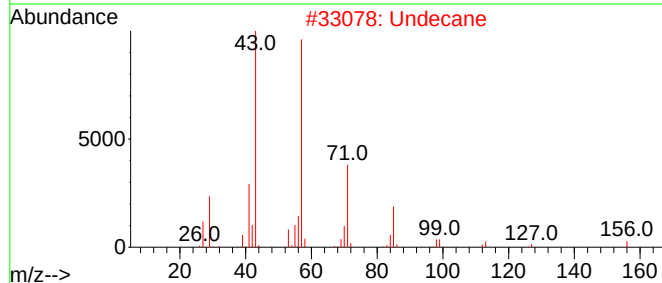
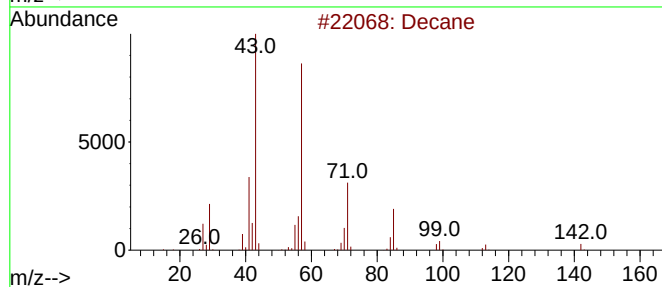
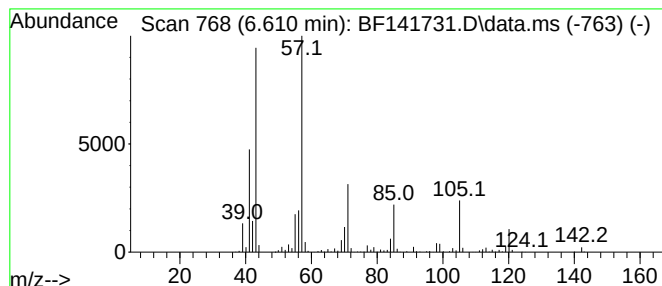
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Decane Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.610 | 30.49 ng | 1186540 | 1,4-Dichlorobenzene-d4 | 6.781 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Decane                              | 142 | C10H22   | 000124-18-5  | 60   |
| 2    |      | Undecane                            | 156 | C11H24   | 001120-21-4  | 53   |
| 3    |      | Nonane, 2-methyl-                   | 142 | C10H22   | 000871-83-0  | 52   |
| 4    |      | Tetradecane                         | 198 | C14H30   | 000629-59-4  | 47   |
| 5    |      | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

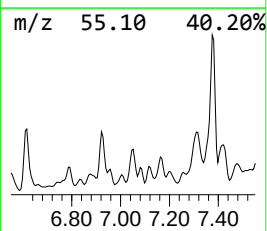
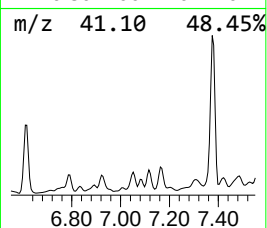
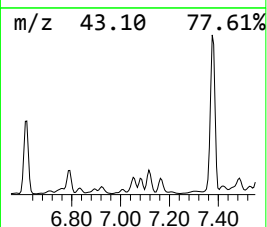
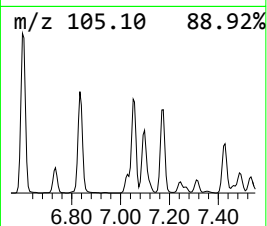
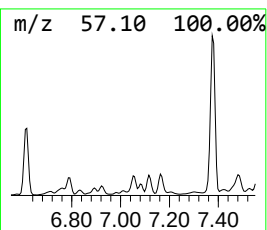
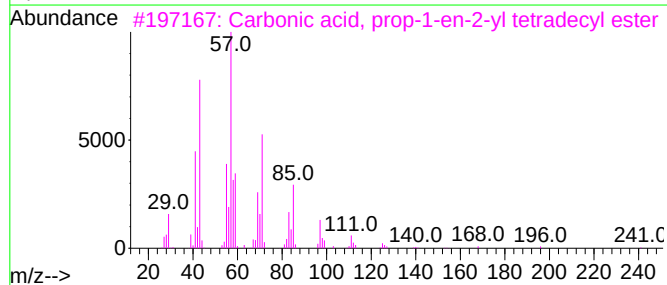
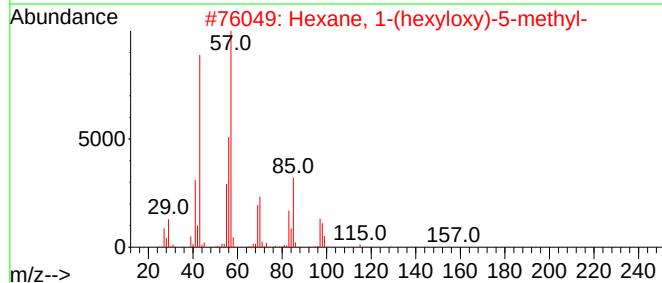
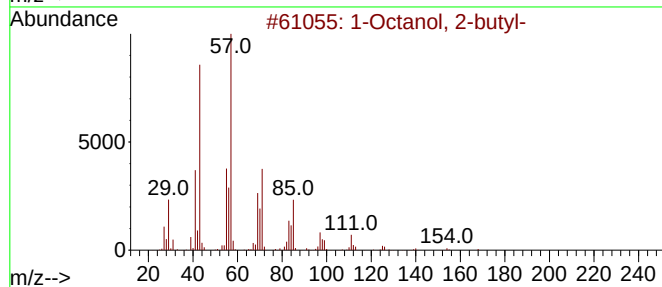
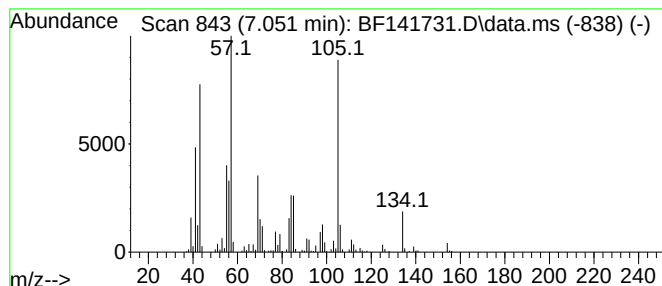
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 unknown7.051 Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 7.051 | 11.96 ng | 465520 | 1,4-Dichlorobenzene-d4 | 6.781 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1-Octanol, 2-butyl-                 | 186 | C12H26O  | 003913-02-8  | 43   |
| 2    |    |   | Hexane, 1-(hexyloxy)-5-methyl-      | 200 | C13H28O  | 074421-19-5  | 43   |
| 3    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 38   |
| 4    |    |   | Octane, 2,5,6-trimethyl-            | 156 | C11H24   | 062016-14-2  | 30   |
| 5    |    |   | Pentane, 2,2-dimethyl-              | 100 | C7H16    | 000590-35-2  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

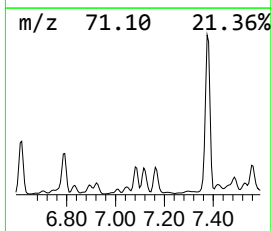
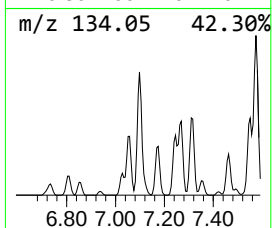
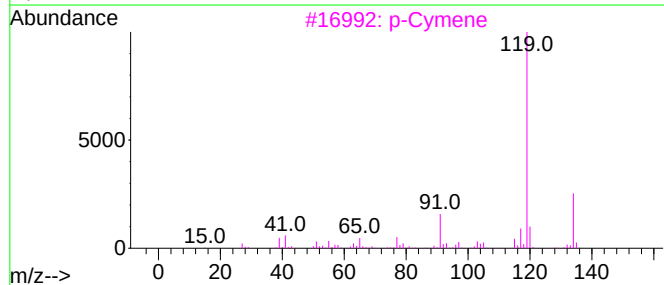
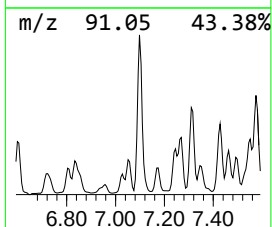
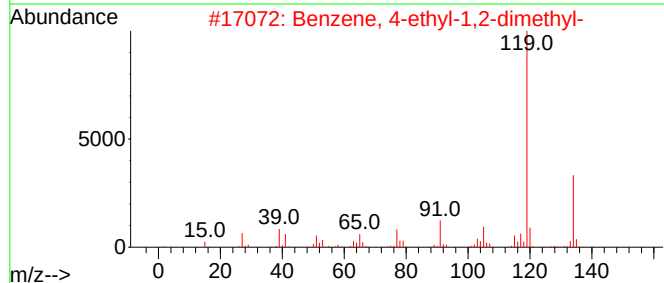
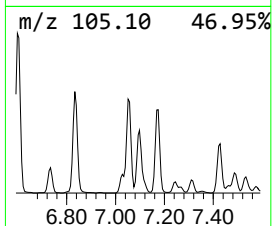
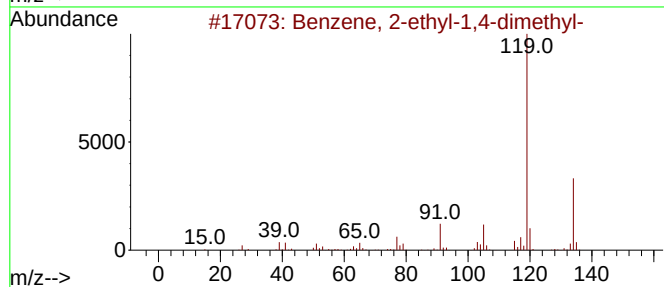
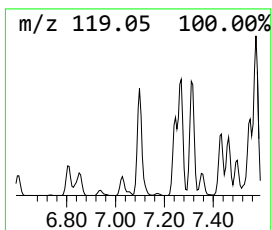
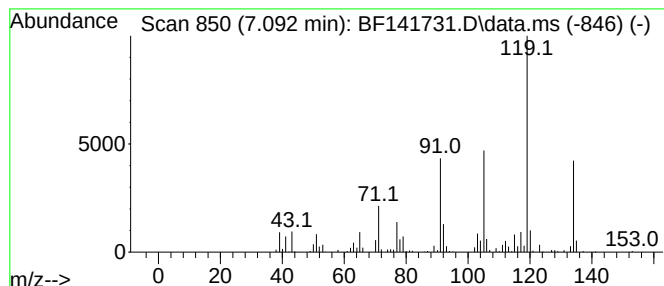
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.092 | 9.28 ng | 361019 | 1,4-Dichlorobenzene-d4 | 6.781 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 93   |
| 3    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 93   |
| 4    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 90   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 81   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

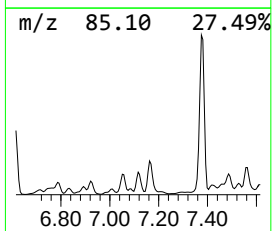
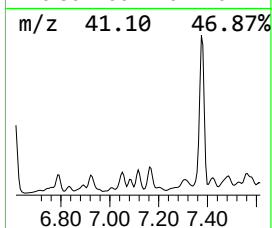
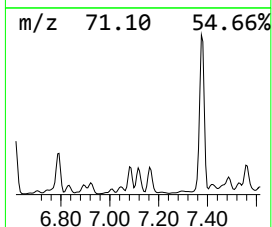
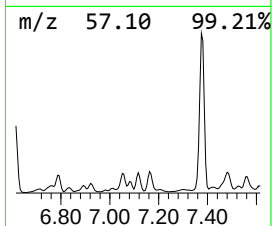
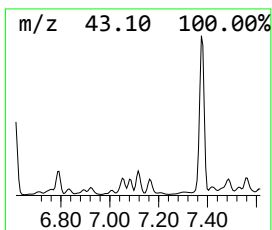
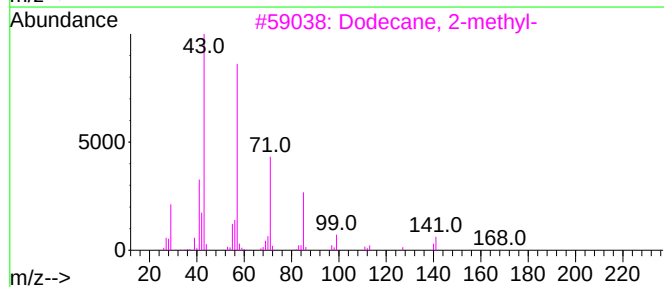
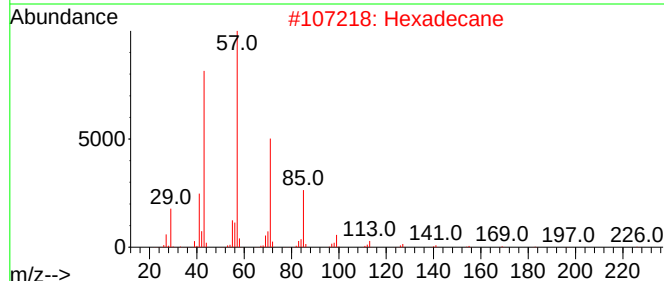
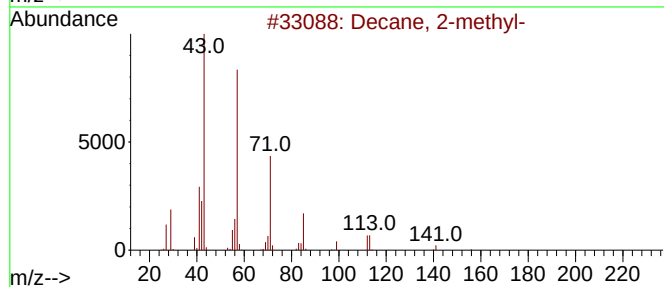
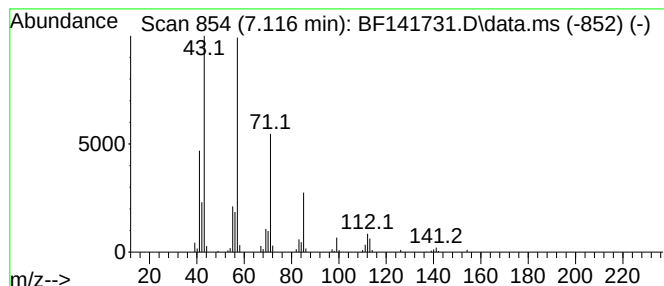
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Decane, 2-methyl- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.116 | 6.92 ng | 269398 | 1,4-Dichlorobenzene-d4 | 6.781 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2-methyl-     | 156 | C11H24  | 006975-98-0 | 80   |
| 2    |    |   | Hexadecane            | 226 | C16H34  | 000544-76-3 | 64   |
| 3    |    |   | Dodecane, 2-methyl-   | 184 | C13H28  | 001560-97-0 | 64   |
| 4    |    |   | Decane, 2,9-dimethyl- | 170 | C12H26  | 001002-17-1 | 64   |
| 5    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

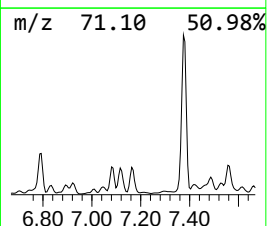
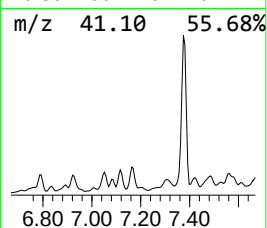
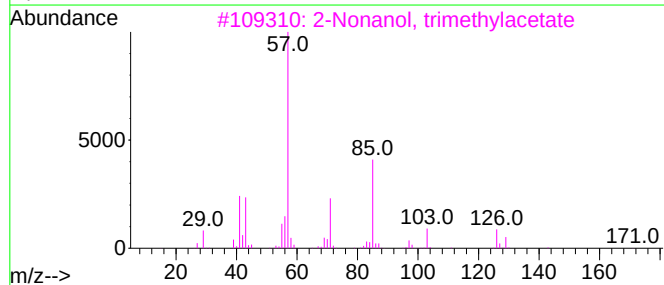
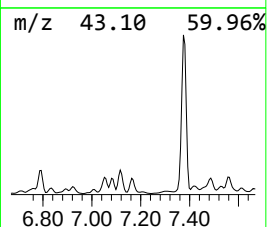
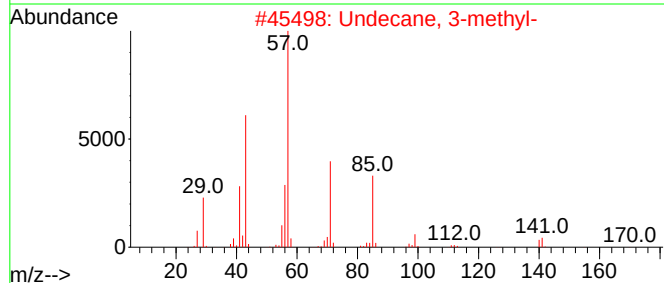
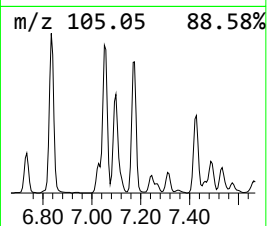
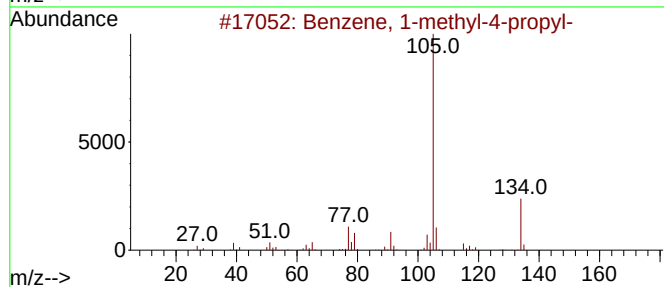
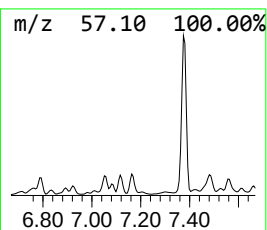
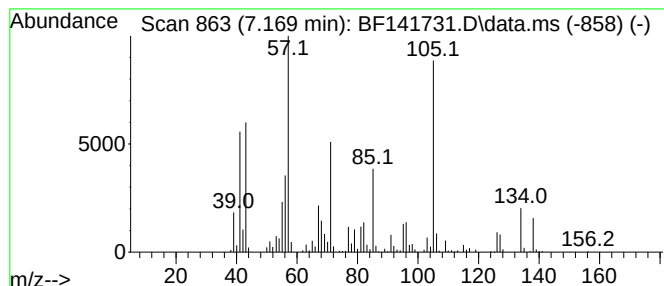
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 10

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 7.169 | 12.03 ng | 468310 | 1,4-Dichlorobenzene-d4 | 6.781 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzene, 1-methyl-4-propyl-   | 134 | C10H14   | 001074-55-1  | 56   |
| 2    |    |   | Undecane, 3-methyl-           | 170 | C12H26   | 001002-43-3  | 38   |
| 3    |    |   | 2-Nonanol, trimethylacetate   | 228 | C14H28O2 | 1000463-21-6 | 35   |
| 4    |    |   | Octane, 3-ethyl-2,7-dimethyl- | 170 | C12H26   | 062183-55-5  | 35   |
| 5    |    |   | Benzene, (1-methylpropyl)-    | 134 | C10H14   | 000135-98-8  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

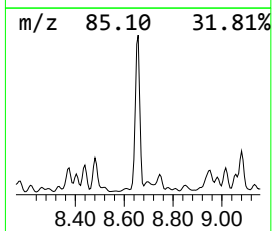
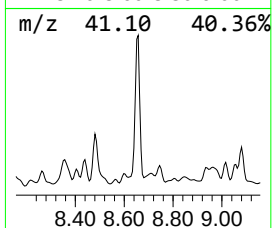
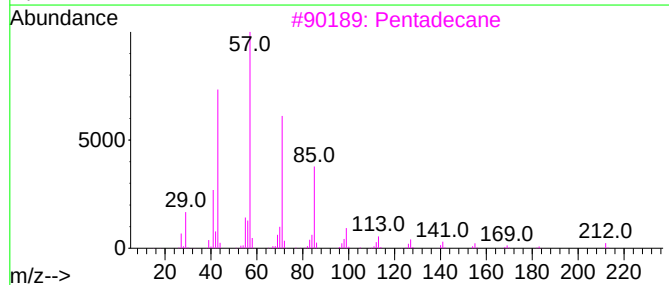
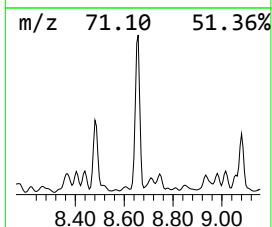
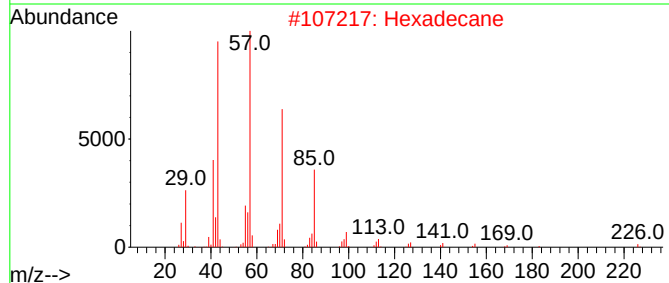
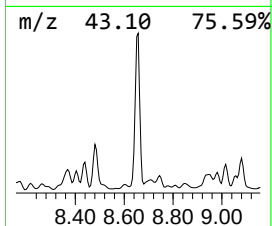
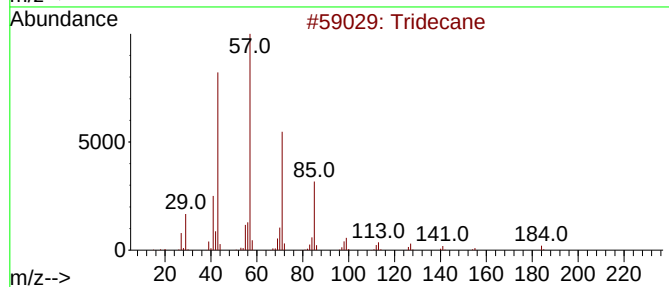
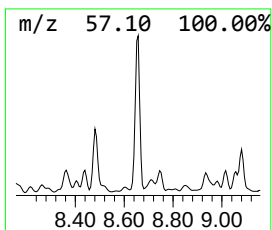
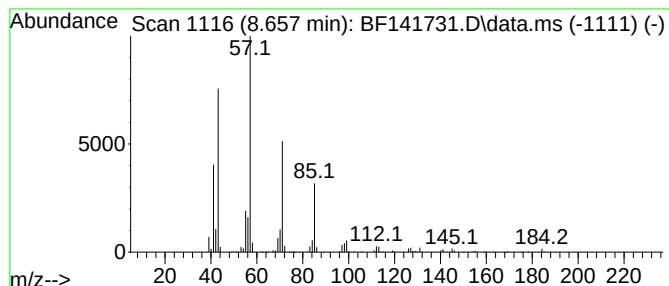
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Tridecane Concentration Rank 9

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.657 | 12.70 ng | 2719900 | Naphthalene-d8   | 8.063 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 96   |
| 2    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 90   |
| 4    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 5    |      | Undecane     | 156 | C11H24  | 001120-21-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

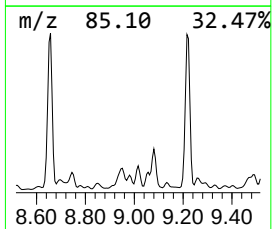
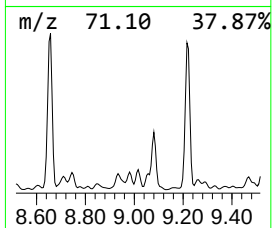
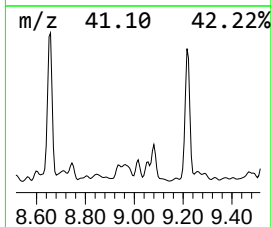
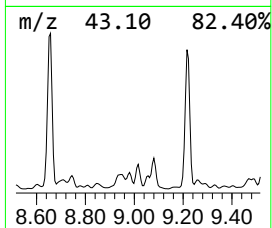
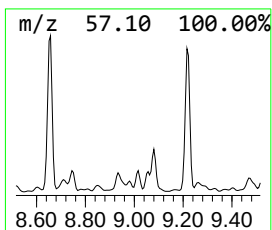
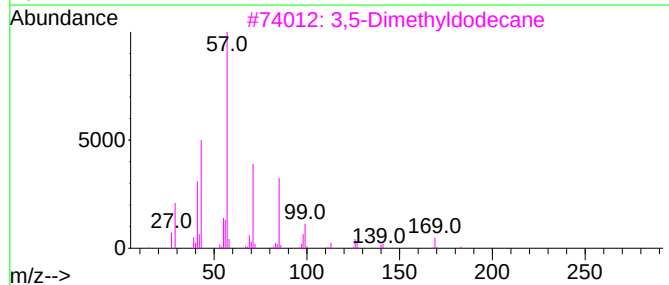
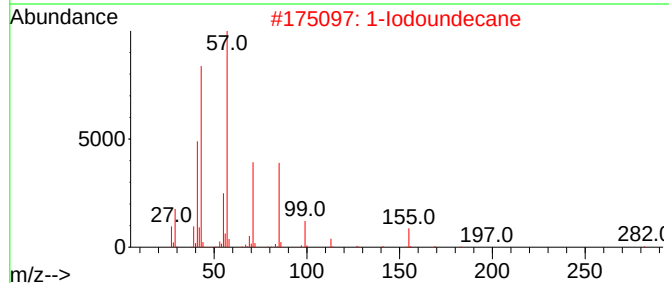
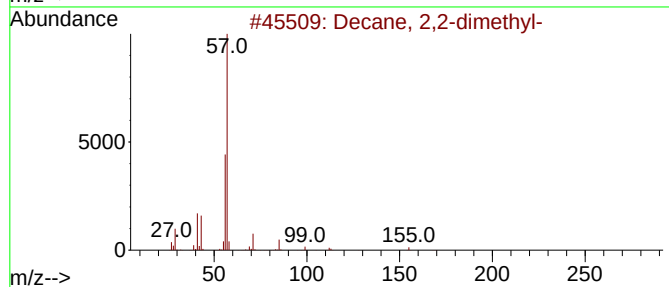
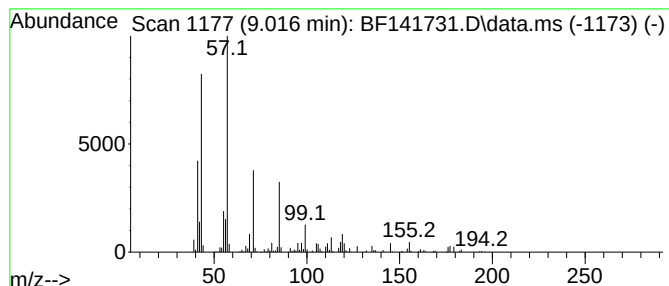
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Decane, 2,2-dimethyl- Concentration Rank 12

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.016 | 11.29 ng | 437316 | Acenaphthene-d10 | 9.816 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2,2-dimethyl- | 170 | C12H26  | 017302-37-3 | 59   |
| 2    |    |   | 1-Iodoundecane        | 282 | C11H23I | 004282-44-4 | 58   |
| 3    |    |   | 3,5-Dimethyldodecane  | 198 | C14H30  | 107770-99-0 | 53   |
| 4    |    |   | Tridecane, 2-methyl-  | 198 | C14H30  | 001560-96-9 | 53   |
| 5    |    |   | Decane, 1-iodo-       | 268 | C10H21I | 002050-77-3 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

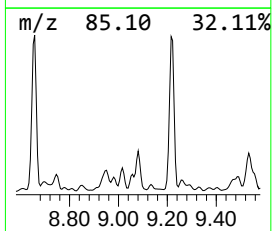
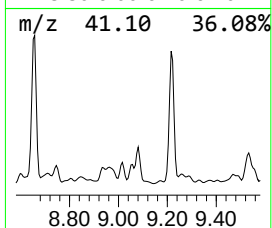
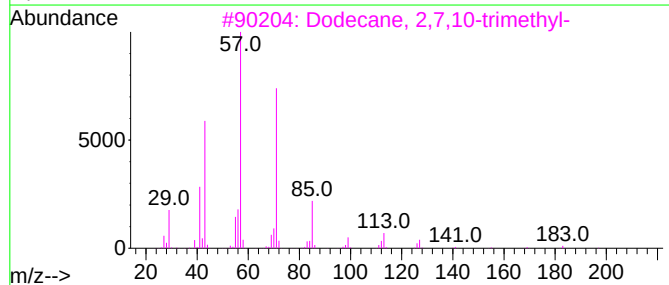
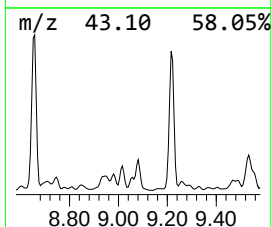
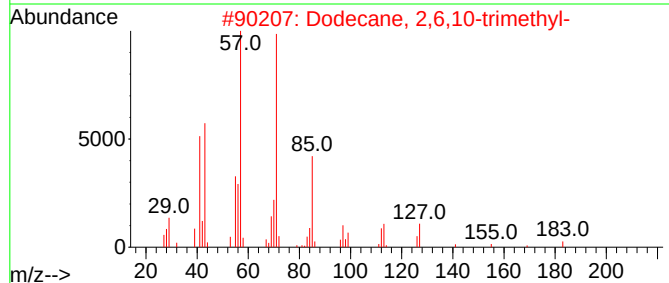
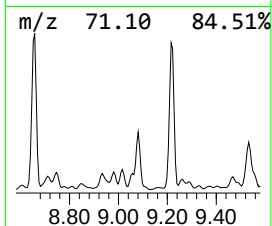
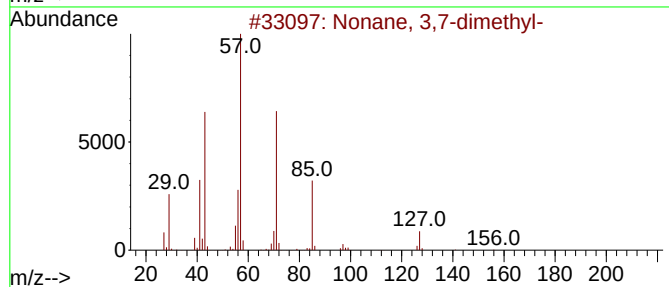
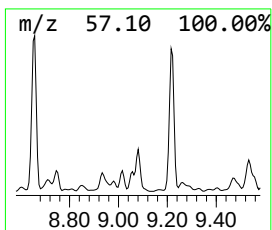
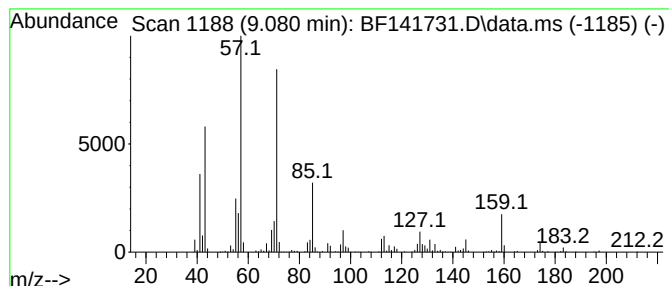
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Nonane, 3,7-dimethyl- Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.080 | 21.64 ng | 837676 | Acenaphthene-d10 | 9.816 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 76   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 68   |
| 3    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 58   |
| 4    |    |   | Undecane, 6-ethyl-          | 184 | C13H28  | 017312-60-6 | 53   |
| 5    |    |   | Decane, 3,4-dimethyl-       | 170 | C12H26  | 017312-45-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

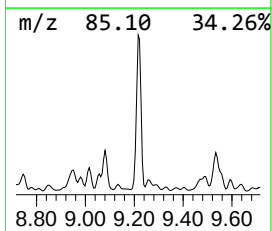
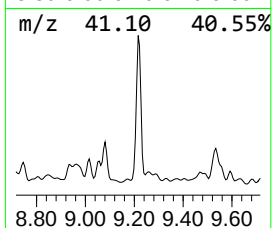
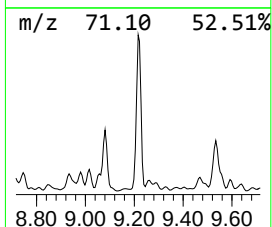
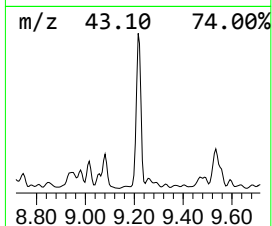
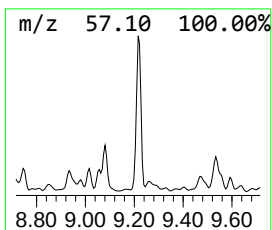
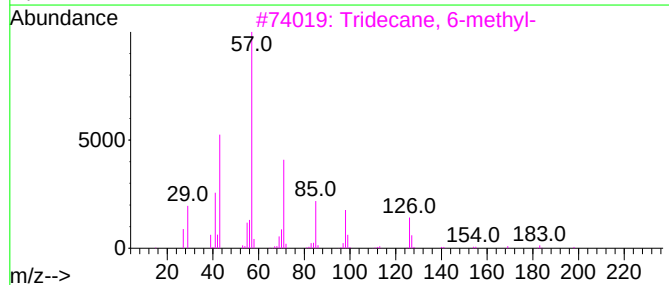
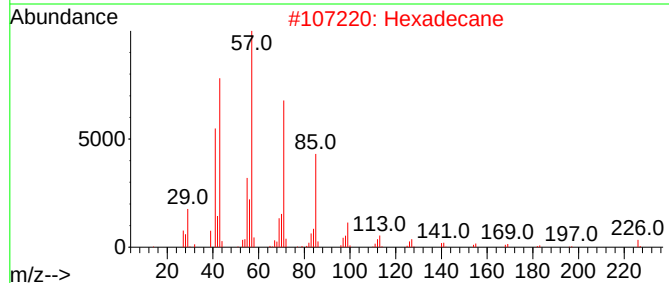
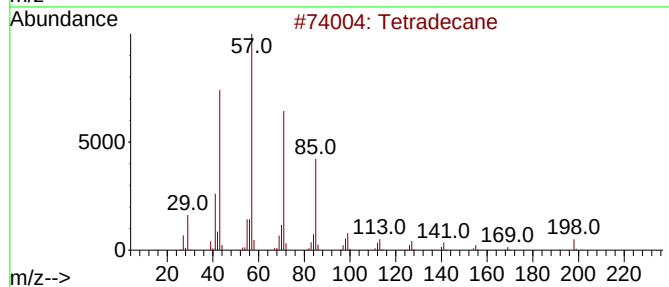
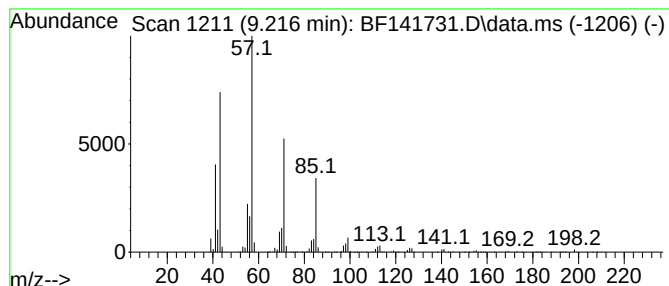
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Tetradecane Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.216 | 73.00 ng | 2826390 | Acenaphthene-d10 | 9.816 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Tetradecane          | 198 | C14H30  | 000629-59-4 | 93   |
| 2    |      | Hexadecane           | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |      | Tridecane, 6-methyl- | 198 | C14H30  | 013287-21-3 | 91   |
| 4    |      | Pentadecane          | 212 | C15H32  | 000629-62-9 | 86   |
| 5    |      | Tridecane, 7-propyl- | 226 | C16H34  | 055045-09-5 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

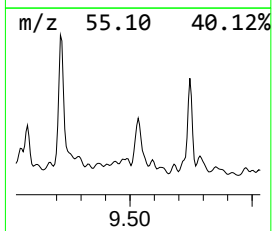
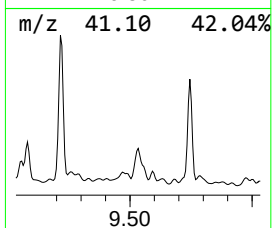
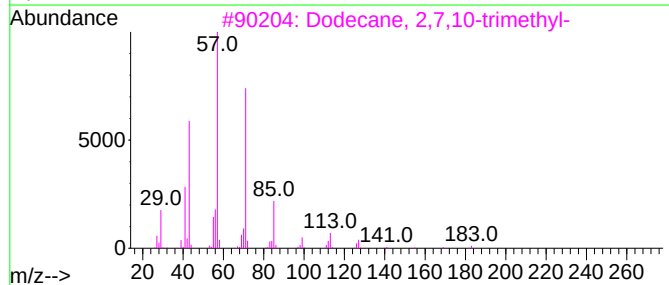
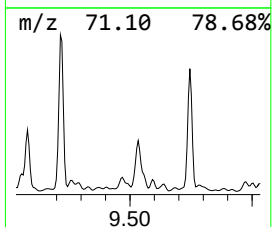
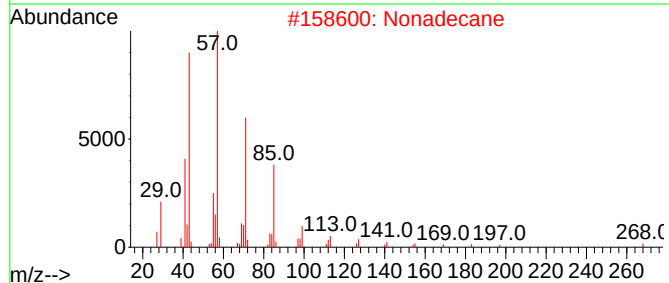
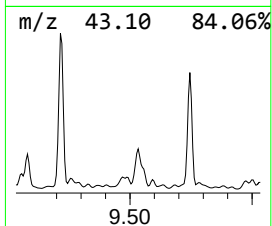
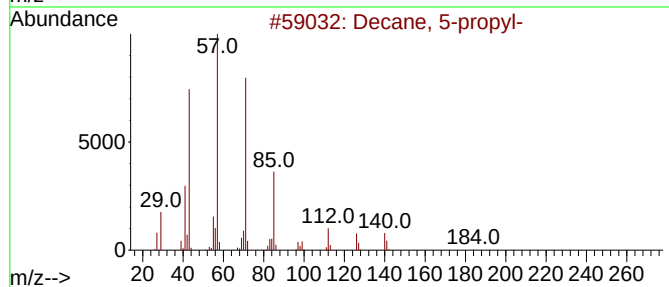
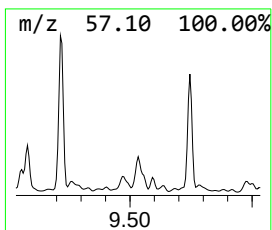
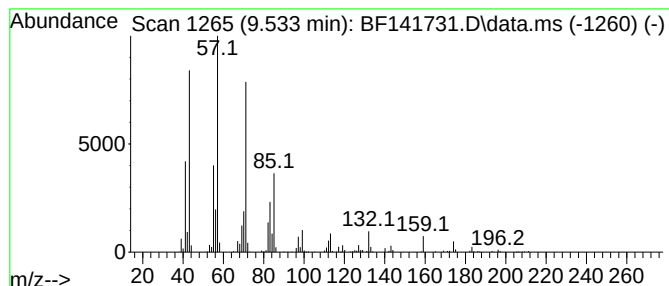
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Decane, 5-propyl- Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.533 | 29.12 ng | 1127300 | Acenaphthene-d10 | 9.816 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 5-propyl-                   | 184 | C13H28  | 017312-62-8 | 70   |
| 2    |      | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 68   |
| 3    |      | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 59   |
| 4    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 59   |
| 5    |      | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

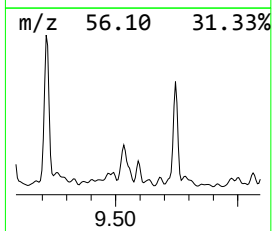
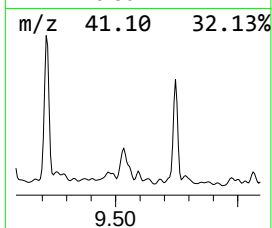
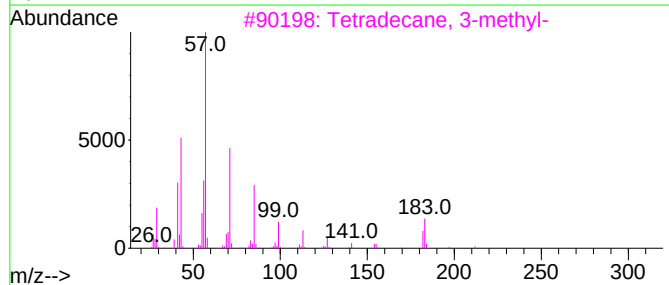
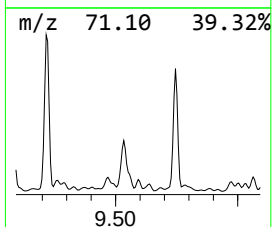
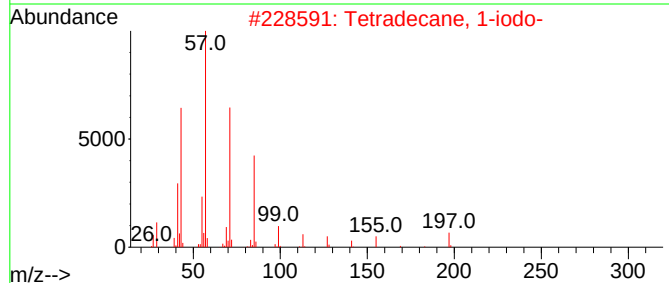
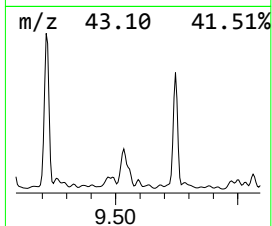
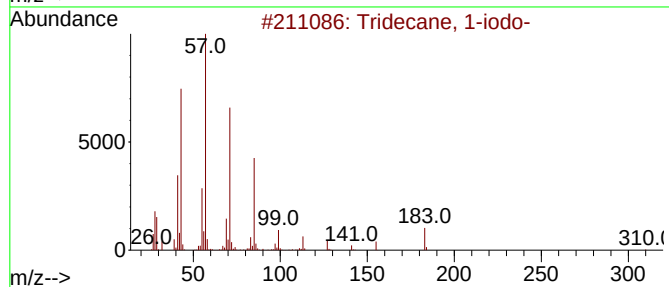
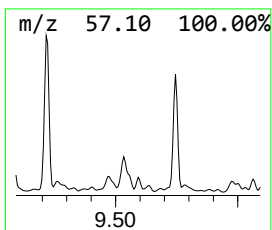
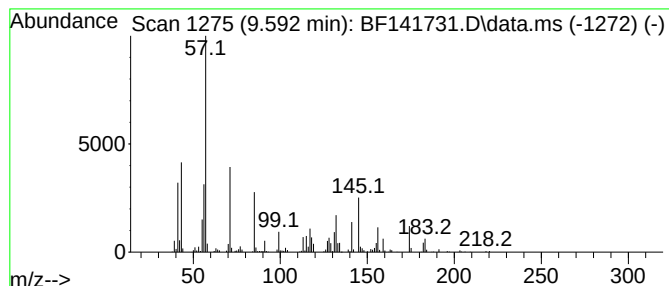
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 unknown9.592 Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.592 | 6.61 ng | 255830 | Acenaphthene-d10 | 9.816 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm  | CAS#         | Qual |
|------|------|----------------------------|-----|----------|--------------|------|
| 1    |      | Tridecane, 1-iodo-         | 310 | C13H27I  | 035599-77-0  | 38   |
| 2    |      | Tetradecane, 1-iodo-       | 324 | C14H29I  | 019218-94-1  | 38   |
| 3    |      | Tetradecane, 3-methyl-     | 212 | C15H32   | 018435-22-8  | 38   |
| 4    |      | Undecane, 3-methyl-        | 170 | C12H26   | 001002-43-3  | 38   |
| 5    |      | Borane, diethyl(decyloxy)- | 226 | C14H31BO | 1000152-34-3 | 38   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

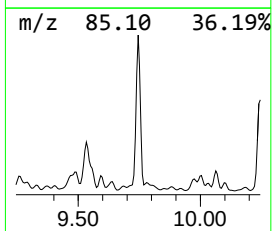
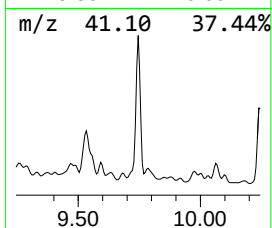
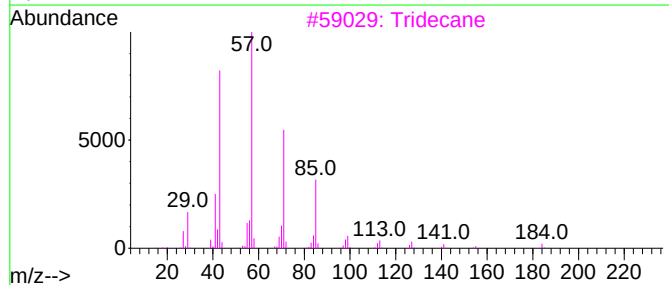
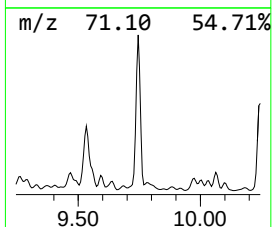
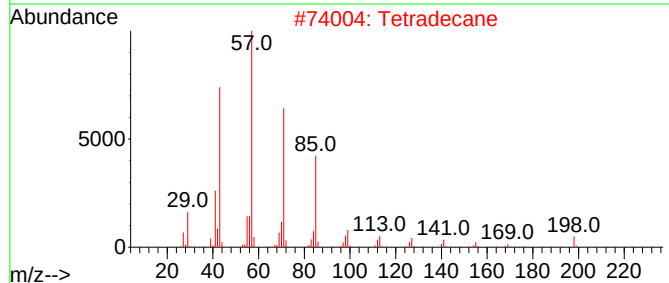
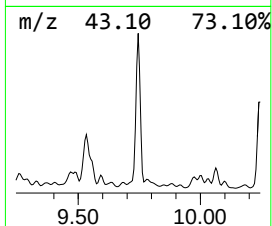
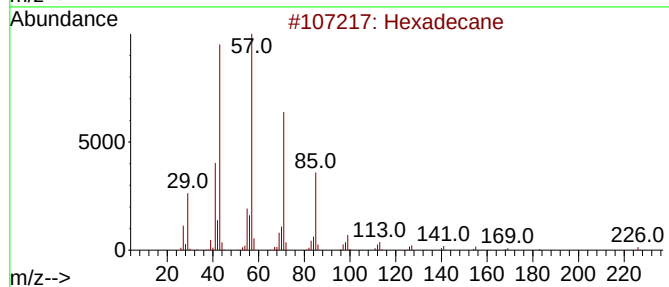
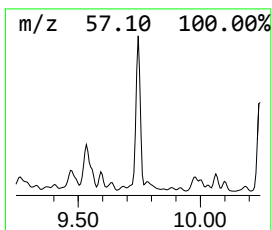
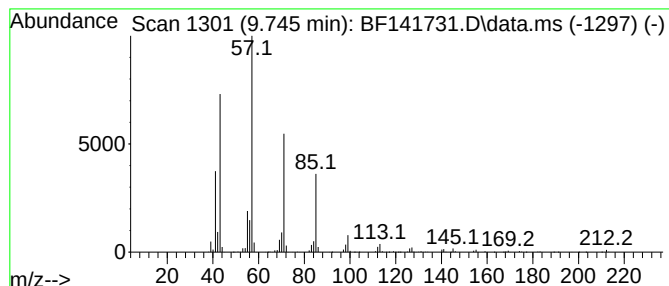
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Hexadecane Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.745 | 47.10 ng | 1823470 | Acenaphthene-d10 | 9.816 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|------|------------------------------------|-----|----------|--------------|------|
| 1    |      | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 91   |
| 2    |      | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 90   |
| 3    |      | Tridecane                          | 184 | C13H28   | 000629-50-5  | 90   |
| 4    |      | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 90   |
| 5    |      | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

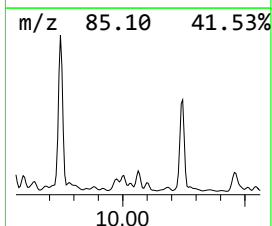
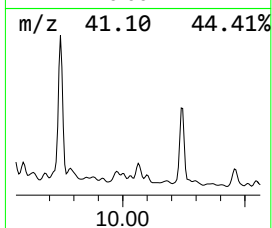
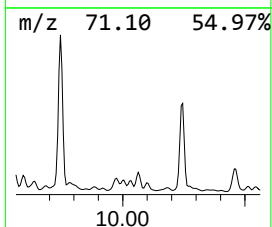
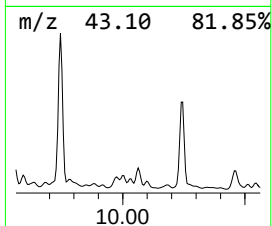
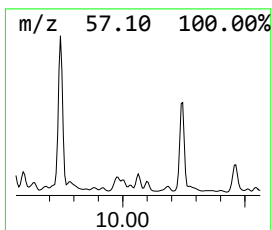
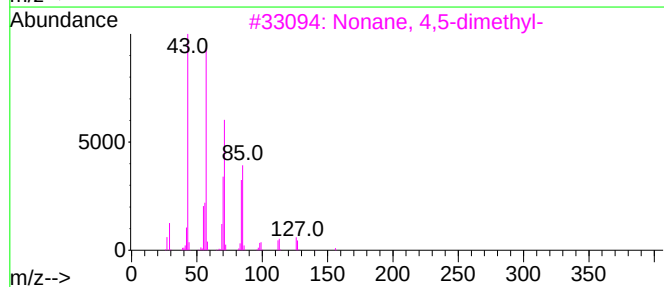
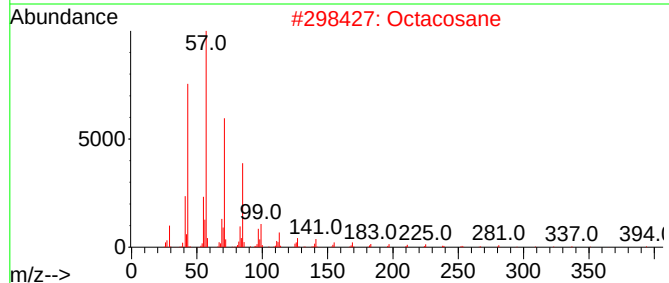
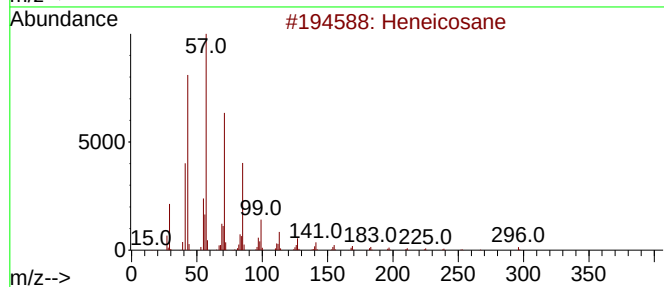
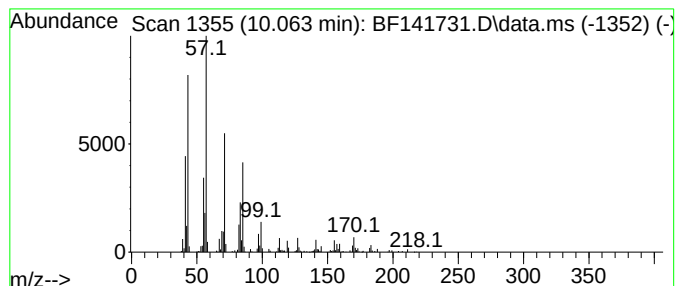
Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 14 Heneicosane Concentration Rank 19

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 10.063    | 6.21 ng               | 240556 | Acenaphthene-d10 |         | 9.816       |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heneicosane           |        | 296              | C21H44  | 000629-94-7 | 70   |
| 2         | Octacosane            |        | 394              | C28H58  | 000630-02-4 | 64   |
| 3         | Nonane, 4,5-dimethyl- |        | 156              | C11H24  | 017302-23-7 | 64   |
| 4         | Docosane              |        | 310              | C22H46  | 000629-97-0 | 64   |
| 5         | Tetracosane           |        | 338              | C24H50  | 000646-31-1 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

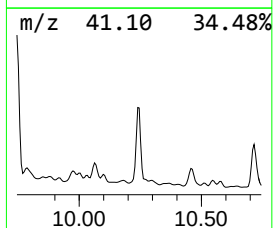
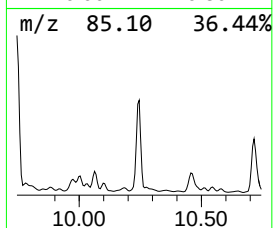
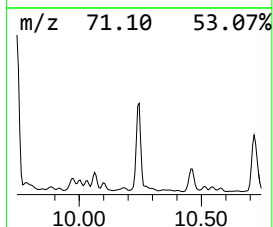
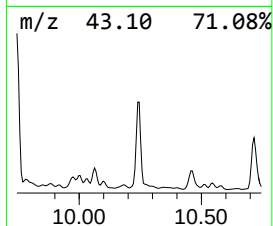
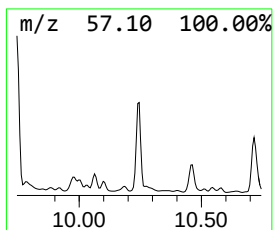
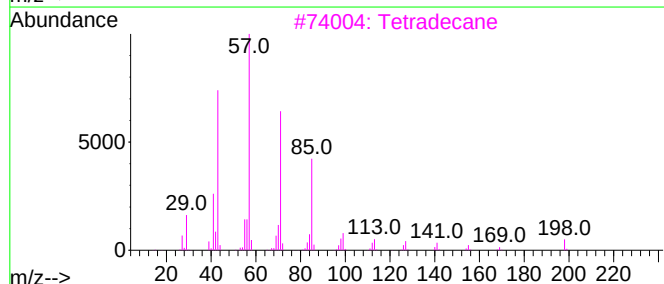
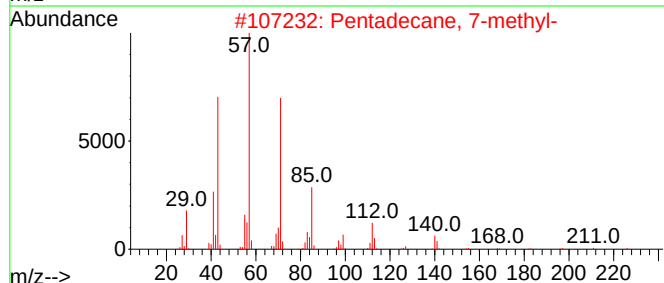
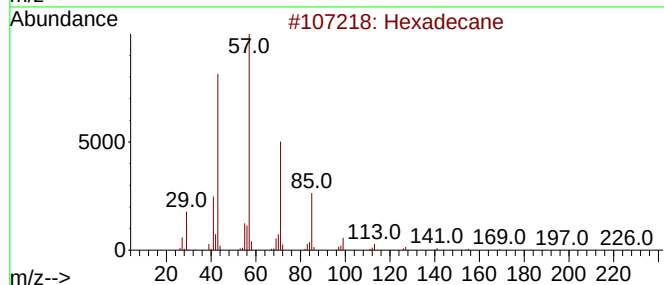
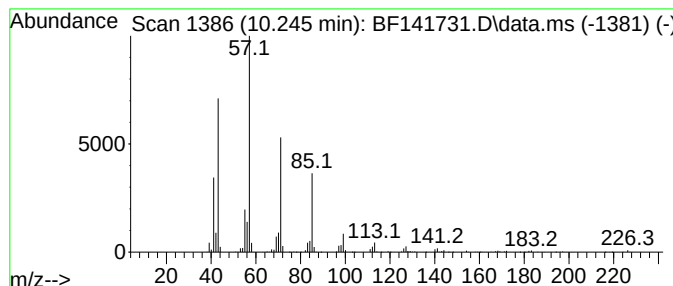
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Pentadecane, 7-methyl- Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.245 | 28.44 ng | 1100960 | Acenaphthene-d10 | 9.816 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane             | 226 | C16H34  | 000544-76-3 | 97   |
| 2    |      | Pentadecane, 7-methyl- | 226 | C16H34  | 006165-40-8 | 91   |
| 3    |      | Tetradecane            | 198 | C14H30  | 000629-59-4 | 90   |
| 4    |      | Heptadecane            | 240 | C17H36  | 000629-78-7 | 90   |
| 5    |      | Octacosane             | 394 | C28H58  | 000630-02-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

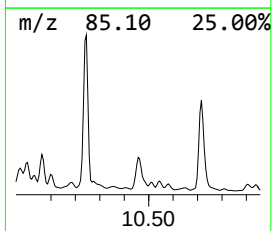
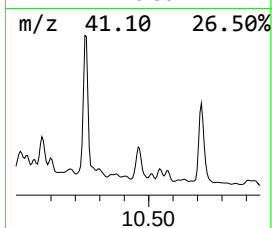
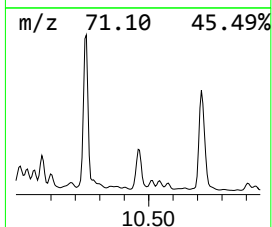
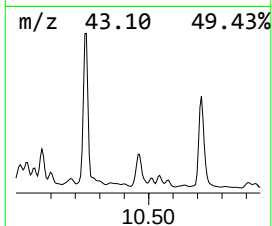
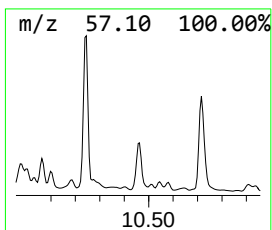
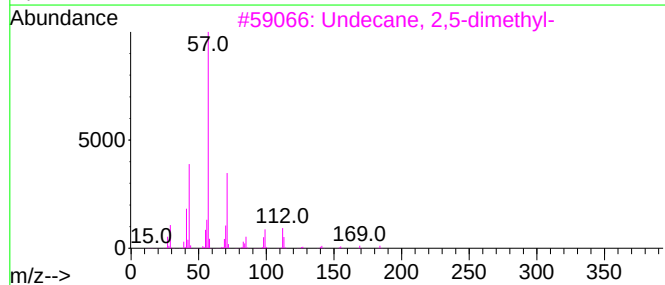
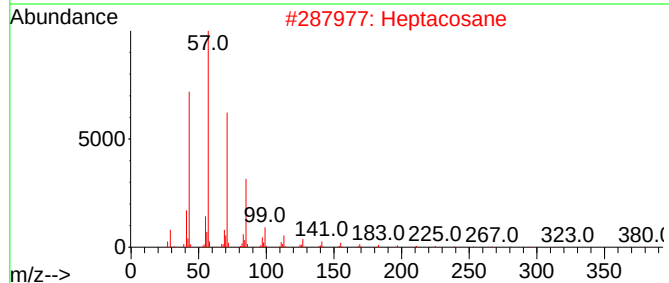
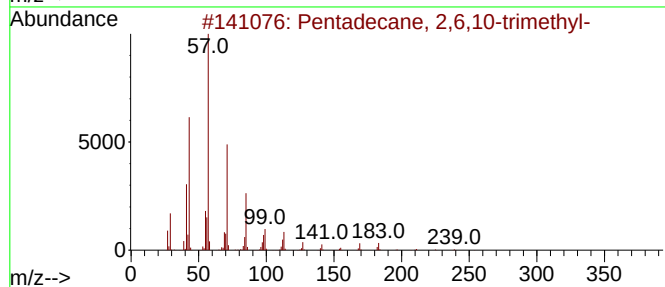
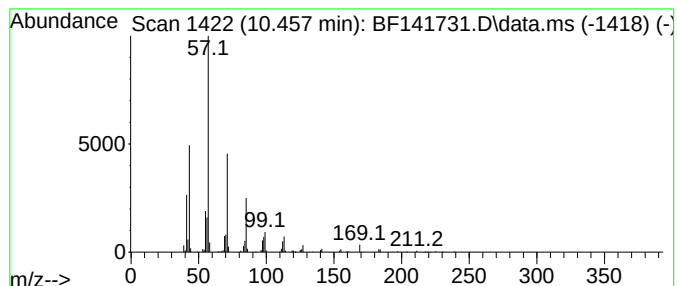
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

| R.T.      | EstConc                        | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------|---------|-------------|------|
| 10.457    | 9.48 ng                        | 367122 | Acenaphthene-d10 |         | 9.816       |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm | CAS#        | Qual |
| 1         | Pentadecane, 2,6,10-trimethyl- |        | 254              | C18H38  | 003892-00-0 | 90   |
| 2         | Heptacosane                    |        | 380              | C27H56  | 000593-49-7 | 86   |
| 3         | Undecane, 2,5-dimethyl-        |        | 184              | C13H28  | 017301-22-3 | 76   |
| 4         | Undecane, 3,6-dimethyl-        |        | 184              | C13H28  | 017301-28-9 | 64   |
| 5         | Tetradecane, 1-iodo-           |        | 324              | C14H29I | 019218-94-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

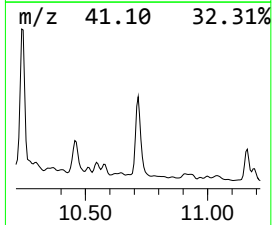
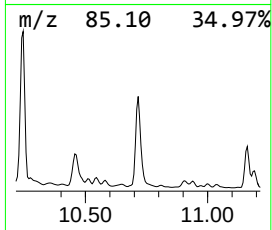
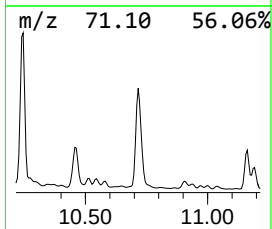
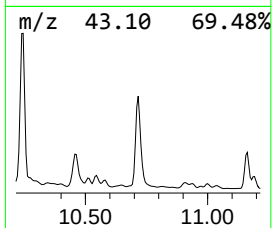
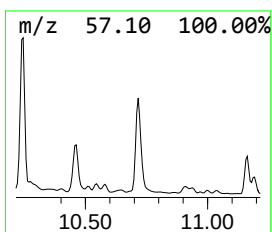
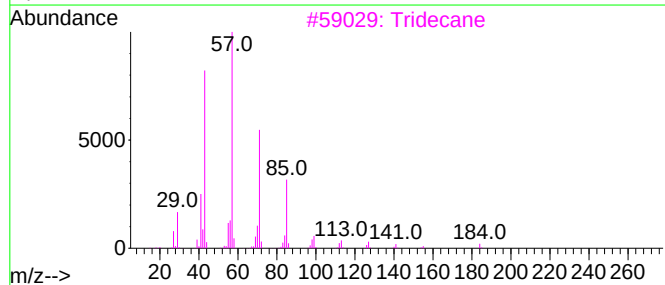
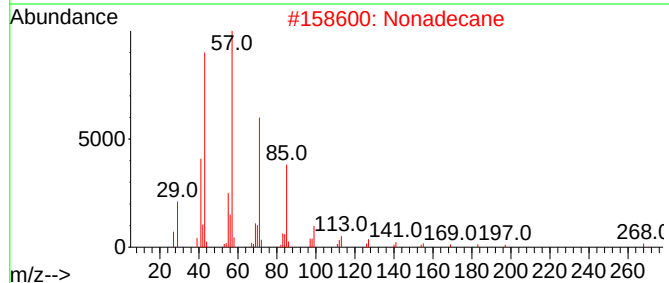
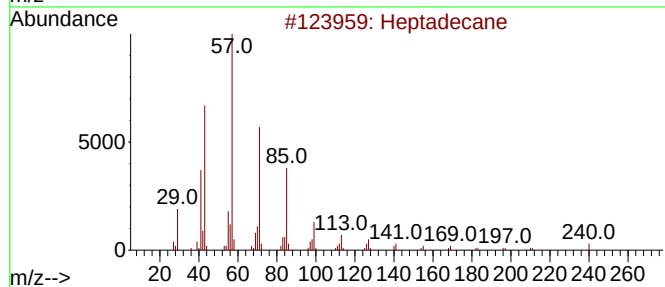
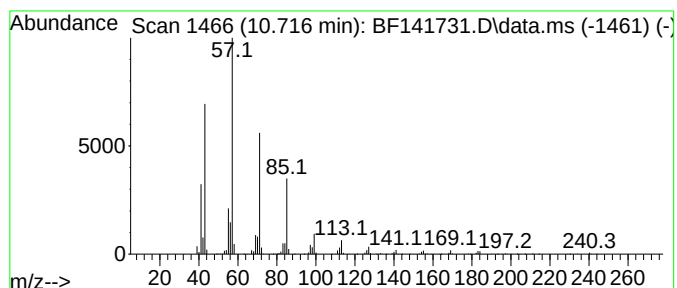
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 17 Heptadecane Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.716 | 21.40 ng | 853517 | Phenanthrene-d10 | 11.298 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 96   |
| 2    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

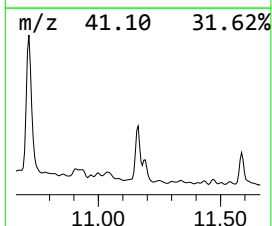
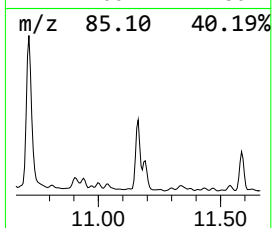
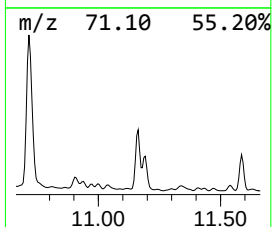
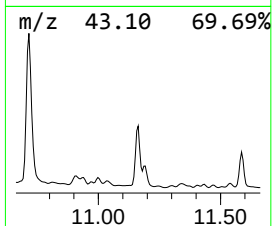
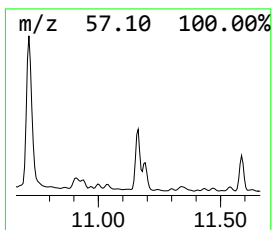
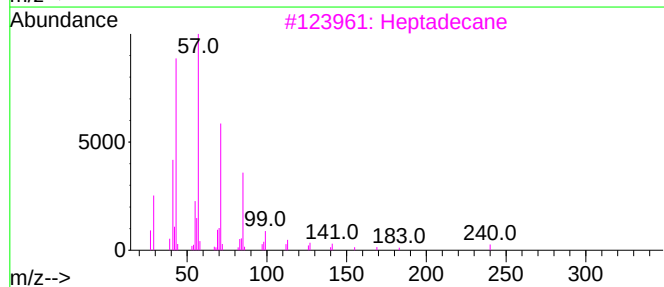
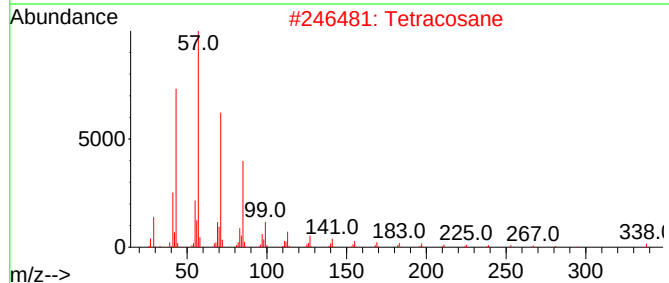
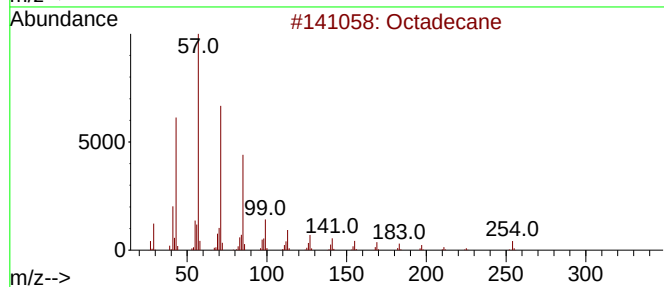
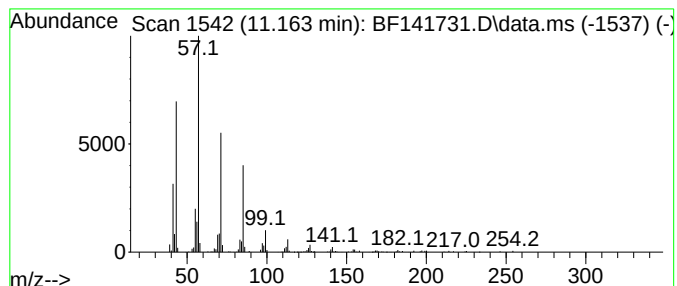
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 18 Octadecane Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.163 | 7.76 ng | 309720 | Phenanthrene-d10 | 11.298 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane                   | 254 | C18H38  | 000593-45-3 | 94   |
| 2    |    |   | Tetracosane                  | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |    |   | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 91   |
| 4    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

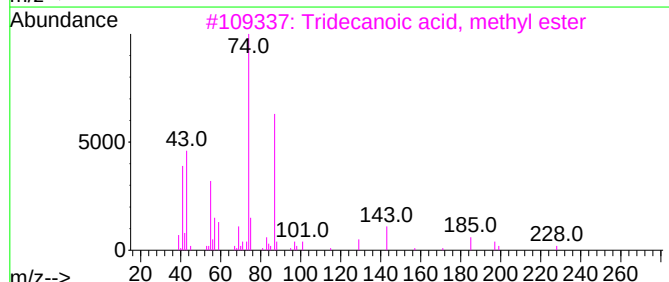
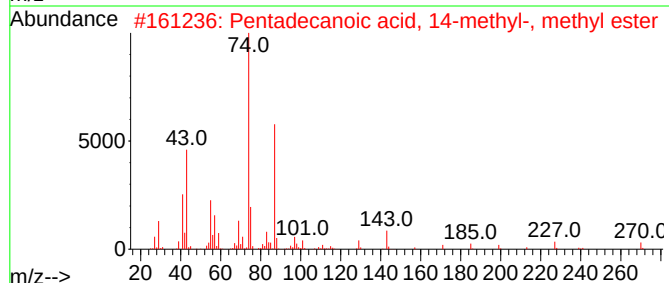
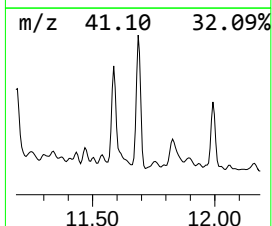
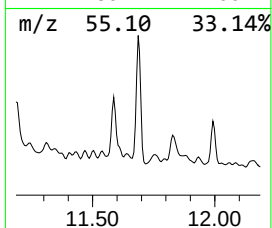
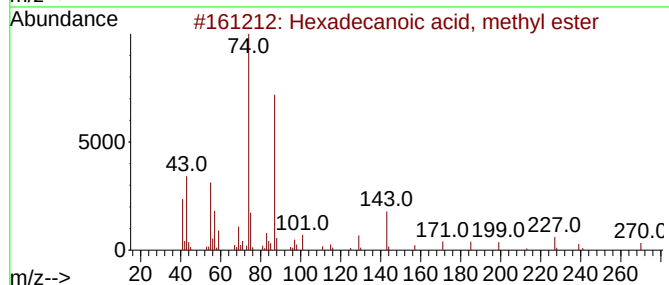
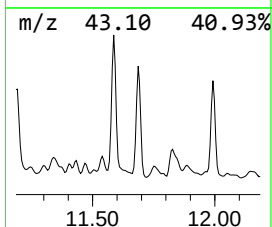
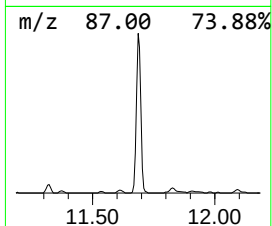
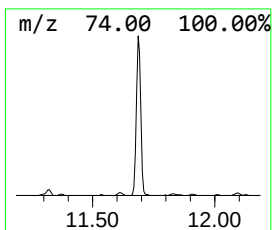
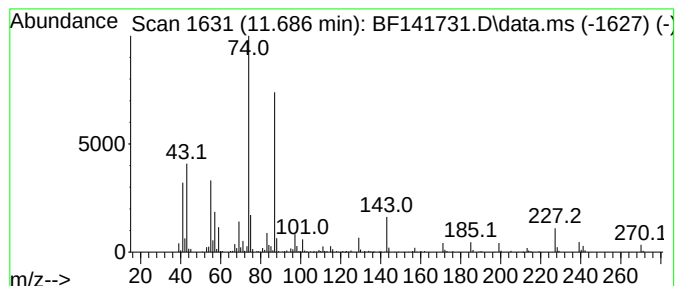
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 19 Hexadecanoic acid, methyl e... Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.686 | 6.80 ng | 271260 | Phenanthrene-d10 | 11.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 96   |
| 3    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 91   |
| 4    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |
| 5    |    |   | Dodecanoic acid, methyl ester       | 214 | C13H26O2 | 000111-82-0 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
Data File : BF141731.D  
Acq On : 21 Feb 2025 20:42  
Operator : RC/JU  
Sample : Q1400-01 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-02202025

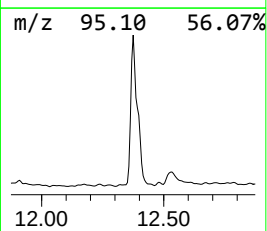
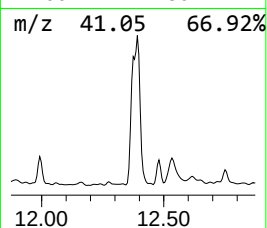
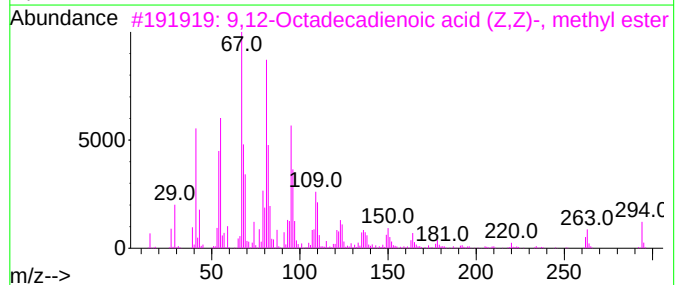
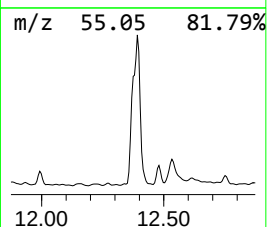
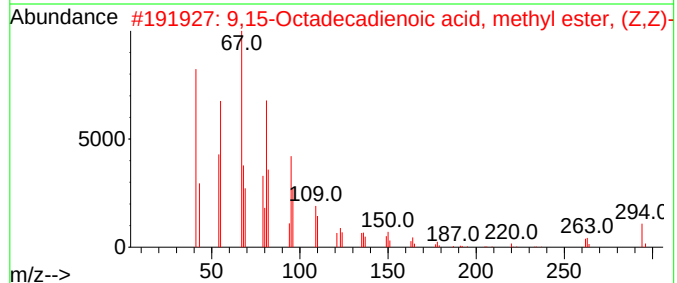
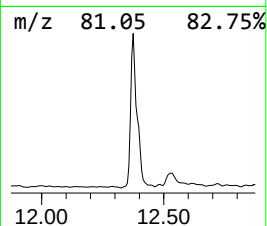
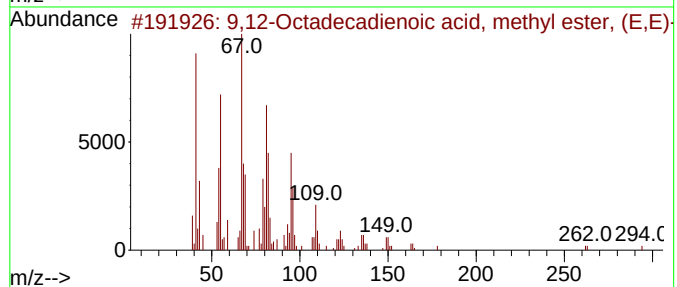
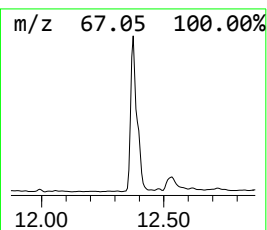
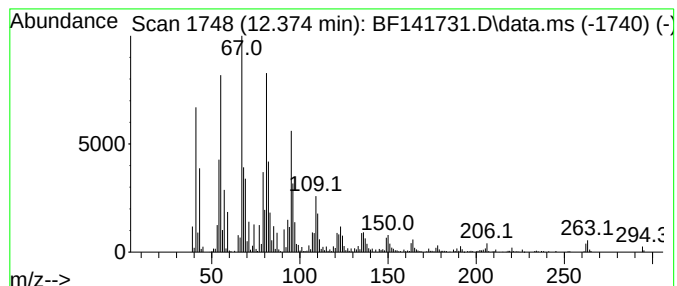
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 9,12-Octadecadienoic acid, ... Concentration Rank 8

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.374 | 16.47 ng | 656999 | Phenanthrene-d10 | 11.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4  | 99   |
| 2    |    |   | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6  | 99   |
| 3    |    |   | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0  | 98   |
| 4    |    |   | 8,11-Octadecadienoic acid, methy... | 294 | C19H34O2 | 056599-58-7  | 98   |
| 5    |    |   | Methyl 10-trans,12-cis-octadecad... | 294 | C19H34O2 | 1000336-44-2 | 98   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
 Data File : BF141731.D  
 Acq On : 21 Feb 2025 20:42  
 Operator : RC/JU  
 Sample : Q1400-01 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-02202025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.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 |
| Benzene, 1-ethy... | 6.304  | 5.9     | ng    | 228441   | 1                     | 6.781  | 778407  | 20.0 |
| Decane             | 6.610  | 30.5    | ng    | 1186540  | 1                     | 6.781  | 778407  | 20.0 |
| unknown7.051       | 7.051  | 12.0    | ng    | 465520   | 1                     | 6.781  | 778407  | 20.0 |
| Benzene, 2-ethy... | 7.092  | 9.3     | ng    | 361019   | 1                     | 6.781  | 778407  | 20.0 |
| Decane, 2-methyl-  | 7.116  | 6.9     | ng    | 269398   | 1                     | 6.781  | 778407  | 20.0 |
| Benzene, 1-meth... | 7.169  | 12.0    | ng    | 468310   | 1                     | 6.781  | 778407  | 20.0 |
| Tridecane          | 8.657  | 12.7    | ng    | 2719900  | 2                     | 8.063  | 4283220 | 20.0 |
| Decane, 2,2-dim... | 9.016  | 11.3    | ng    | 437316   | 3                     | 9.816  | 774366  | 20.0 |
| Nonane, 3,7-dim... | 9.080  | 21.6    | ng    | 837676   | 3                     | 9.816  | 774366  | 20.0 |
| Tetradecane        | 9.216  | 73.0    | ng    | 2826390  | 3                     | 9.816  | 774366  | 20.0 |
| Decane, 5-propyl-  | 9.533  | 29.1    | ng    | 1127300  | 3                     | 9.816  | 774366  | 20.0 |
| unknown9.592       | 9.592  | 6.6     | ng    | 255830   | 3                     | 9.816  | 774366  | 20.0 |
| Hexadecane         | 9.745  | 47.1    | ng    | 1823470  | 3                     | 9.816  | 774366  | 20.0 |
| Heneicosane        | 10.063 | 6.2     | ng    | 240556   | 3                     | 9.816  | 774366  | 20.0 |
| Pentadecane, 7-... | 10.245 | 28.4    | ng    | 1100960  | 3                     | 9.816  | 774366  | 20.0 |
| Pentadecane, 2,... | 10.457 | 9.5     | ng    | 367122   | 3                     | 9.816  | 774366  | 20.0 |
| Heptadecane        | 10.716 | 21.4    | ng    | 853517   | 4                     | 11.298 | 797865  | 20.0 |
| Octadecane         | 11.163 | 7.8     | ng    | 309720   | 4                     | 11.298 | 797865  | 20.0 |
| Hexadecanoic ac... | 11.686 | 6.8     | ng    | 271260   | 4                     | 11.298 | 797865  | 20.0 |
| 9,12-Octadecadi... | 12.374 | 16.5    | ng    | 656999   | 4                     | 11.298 | 797865  | 20.0 |