

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
 Data File : BF142113.D  
 Acq On : 26 Mar 2025 23:05  
 Operator : RC/JU  
 Sample : Q1637-03 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-032525

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142113.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         | 5.075       | 502           | 507         | 514          | rVB3     | 24636          | 39909         | 1.22%           | 0.095%        |
| 2         | 5.475       | 566           | 575         | 587          | rBV      | 300597         | 435313        | 13.27%          | 1.034%        |
| 3         | 5.781       | 622           | 627         | 634          | rVB2     | 26096          | 38507         | 1.17%           | 0.091%        |
| 4         | 6.028       | 661           | 669         | 673          | rVB3     | 19424          | 35020         | 1.07%           | 0.083%        |
| 5         | 6.122       | 679           | 685         | 691          | rBV2     | 60213          | 110854        | 3.38%           | 0.263%        |
| 6         | 6.310       | 712           | 717         | 720          | rBV2     | 38174          | 60554         | 1.85%           | 0.144%        |
| 7         | 6.369       | 720           | 727         | 729          | rBV2     | 44436          | 68070         | 2.07%           | 0.162%        |
| 8         | 6.404       | 729           | 733         | 739          | rVB3     | 91434          | 135370        | 4.13%           | 0.322%        |
| 9         | 6.487       | 739           | 747         | 752          | rBV2     | 313540         | 509967        | 15.55%          | 1.211%        |
| 10        | 6.551       | 755           | 758         | 764          | rVB2     | 41313          | 63942         | 1.95%           | 0.152%        |
| 11        | 6.610       | 764           | 768         | 773          | rBV4     | 52225          | 111217        | 3.39%           | 0.264%        |
| 12        | 6.704       | 780           | 784         | 791          | rBV      | 351306         | 465916        | 14.20%          | 1.107%        |
| 13        | 6.804       | 791           | 801         | 802          | rBV4     | 26100          | 60512         | 1.84%           | 0.144%        |
| 14        | 6.869       | 807           | 812         | 818          | rVV2     | 586923         | 930570        | 28.37%          | 2.210%        |
| 15        | 6.928       | 818           | 822         | 826          | rVV      | 130368         | 168925        | 5.15%           | 0.401%        |
| 16        | 6.981       | 829           | 831         | 834          | rVV2     | 36105          | 43882         | 1.34%           | 0.104%        |
| 17        | 7.016       | 834           | 837         | 841          | rVB2     | 131605         | 162749        | 4.96%           | 0.387%        |
| 18        | 7.098       | 848           | 851         | 853          | rBV2     | 44445          | 58321         | 1.78%           | 0.139%        |
| 19        | 7.146       | 853           | 859         | 862          | rVV2     | 224857         | 296229        | 9.03%           | 0.704%        |
| 20        | 7.187       | 862           | 866         | 868          | rBV2     | 125071         | 204816        | 6.24%           | 0.486%        |
| 21        | 7.257       | 873           | 878         | 883          | rBV2     | 236154         | 379997        | 11.58%          | 0.903%        |
| 22        | 7.357       | 889           | 895         | 897          | rBV3     | 57365          | 106498        | 3.25%           | 0.253%        |
| 23        | 7.404       | 897           | 903         | 905          | rVV4     | 230180         | 386998        | 11.80%          | 0.919%        |
| 24        | 7.428       | 905           | 907         | 909          | rVV      | 224396         | 274405        | 8.36%           | 0.652%        |
| 25        | 7.463       | 909           | 913         | 917          | rVB      | 797687         | 1062232       | 32.38%          | 2.523%        |
| 26        | 7.516       | 917           | 922         | 925          | rBV4     | 201630         | 292574        | 8.92%           | 0.695%        |
| 27        | 7.575       | 925           | 932         | 936          | rBV5     | 116656         | 279939        | 8.53%           | 0.665%        |
| 28        | 7.663       | 937           | 947         | 956          | rVB3     | 219051         | 677291        | 20.65%          | 1.609%        |
| 29        | 7.775       | 958           | 966         | 967          | rBV3     | 158025         | 328091        | 10.00%          | 0.779%        |
| 30        | 7.834       | 973           | 976         | 979          | rVB3     | 140871         | 168347        | 5.13%           | 0.400%        |
| 31        | 7.869       | 979           | 982         | 983          | rBV3     | 159907         | 172343        | 5.25%           | 0.409%        |
| 32        | 7.893       | 983           | 986         | 992          | rVB2     | 325169         | 516870        | 15.76%          | 1.228%        |
| 33        | 7.945       | 992           | 995         | 997          | rBV      | 95151          | 113913        | 3.47%           | 0.271%        |
| 34        | 8.022       | 1006          | 1008        | 1012         | rVB2     | 94613          | 98759         | 3.01%           | 0.235%        |
| 35        | 8.134       | 1017          | 1027        | 1037         | rBV3     | 1274477        | 3280559       | 100.00%         | 7.792%        |
| 36        | 8.210       | 1037          | 1040        | 1043         | rVV2     | 421617         | 536094        | 16.34%          | 1.273%        |

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 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-032525

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 8.240  | 1043 | 1045 | 1053 | rVB6 | 184620  | 280187  | 8.54%  | 0.665% |
| 38 | 8.310  | 1053 | 1057 | 1058 | rBV2 | 103682  | 139452  | 4.25%  | 0.331% |
| 39 | 8.351  | 1061 | 1064 | 1069 | rVB2 | 234524  | 313680  | 9.56%  | 0.745% |
| 40 | 8.398  | 1069 | 1072 | 1074 | rBV2 | 70212   | 94389   | 2.88%  | 0.224% |
| 41 | 8.445  | 1075 | 1080 | 1085 | rVB6 | 295100  | 455625  | 13.89% | 1.082% |
| 42 | 8.498  | 1086 | 1089 | 1091 | rBV2 | 104419  | 112950  | 3.44%  | 0.268% |
| 43 | 8.528  | 1091 | 1094 | 1098 | rVB4 | 211365  | 266321  | 8.12%  | 0.633% |
| 44 | 8.569  | 1098 | 1101 | 1108 | rBV2 | 450150  | 722573  | 22.03% | 1.716% |
| 45 | 8.657  | 1112 | 1116 | 1119 | rBV  | 365204  | 437616  | 13.34% | 1.039% |
| 46 | 8.692  | 1119 | 1122 | 1126 | rBV4 | 101908  | 144568  | 4.41%  | 0.343% |
| 47 | 8.739  | 1126 | 1130 | 1135 | rBV  | 1070349 | 1355126 | 41.31% | 3.219% |
| 48 | 8.810  | 1140 | 1142 | 1145 | rBV  | 95740   | 93524   | 2.85%  | 0.222% |
| 49 | 8.898  | 1155 | 1157 | 1160 | rBV4 | 65164   | 66053   | 2.01%  | 0.157% |
| 50 | 8.975  | 1166 | 1170 | 1174 | rBV2 | 299526  | 356818  | 10.88% | 0.847% |
| 51 | 9.104  | 1188 | 1192 | 1196 | rVB3 | 194922  | 311542  | 9.50%  | 0.740% |
| 52 | 9.145  | 1196 | 1199 | 1200 | rVV  | 128320  | 126878  | 3.87%  | 0.301% |
| 53 | 9.169  | 1200 | 1203 | 1209 | rVV4 | 459479  | 665637  | 20.29% | 1.581% |
| 54 | 9.228  | 1209 | 1213 | 1217 | rVB  | 386365  | 490687  | 14.96% | 1.165% |
| 55 | 9.310  | 1222 | 1227 | 1231 | rBV  | 1127674 | 1579173 | 48.14% | 3.751% |
| 56 | 9.381  | 1236 | 1239 | 1244 | rVB2 | 183464  | 242493  | 7.39%  | 0.576% |
| 57 | 9.628  | 1276 | 1281 | 1284 | rBV3 | 411653  | 667298  | 20.34% | 1.585% |
| 58 | 9.687  | 1288 | 1291 | 1295 | rVB3 | 176180  | 207640  | 6.33%  | 0.493% |
| 59 | 9.775  | 1303 | 1306 | 1310 | rVV4 | 99629   | 130037  | 3.96%  | 0.309% |
| 60 | 9.834  | 1312 | 1316 | 1321 | rVV  | 849915  | 1180215 | 35.98% | 2.803% |
| 61 | 9.904  | 1324 | 1328 | 1332 | rVV  | 707122  | 1071924 | 32.68% | 2.546% |
| 62 | 9.939  | 1332 | 1334 | 1343 | rVB  | 240085  | 381705  | 11.64% | 0.907% |
| 63 | 10.069 | 1353 | 1356 | 1358 | rBV2 | 75362   | 102406  | 3.12%  | 0.243% |
| 64 | 10.157 | 1368 | 1371 | 1375 | rVB4 | 139717  | 180698  | 5.51%  | 0.429% |
| 65 | 10.228 | 1380 | 1383 | 1389 | rBV5 | 59832   | 128190  | 3.91%  | 0.304% |
| 66 | 10.334 | 1396 | 1401 | 1405 | rBV  | 581319  | 742332  | 22.63% | 1.763% |
| 67 | 10.451 | 1417 | 1421 | 1427 | rBV  | 246074  | 376359  | 11.47% | 0.894% |
| 68 | 10.551 | 1434 | 1438 | 1444 | rVB  | 184946  | 311508  | 9.50%  | 0.740% |
| 69 | 10.610 | 1445 | 1448 | 1451 | rBV3 | 70772   | 80215   | 2.45%  | 0.191% |
| 70 | 10.692 | 1457 | 1462 | 1467 | rVB2 | 263573  | 369576  | 11.27% | 0.878% |
| 71 | 10.810 | 1478 | 1482 | 1491 | rVB  | 410348  | 664595  | 20.26% | 1.579% |
| 72 | 10.998 | 1511 | 1514 | 1517 | rBV2 | 49753   | 70408   | 2.15%  | 0.167% |
| 73 | 11.257 | 1553 | 1558 | 1561 | rBV  | 181545  | 268791  | 8.19%  | 0.638% |
| 74 | 11.286 | 1561 | 1563 | 1569 | rVB2 | 165502  | 212223  | 6.47%  | 0.504% |
| 75 | 11.392 | 1576 | 1581 | 1583 | rBV  | 677623  | 934002  | 28.47% | 2.218% |
| 76 | 11.416 | 1583 | 1585 | 1590 | rVV  | 1140936 | 1370262 | 41.77% | 3.255% |

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 Sample : Q1637-03 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-032525

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-BF031025.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 11.469 | 1590 | 1594 | 1598 | rVB  | 275986  | 337988  | 10.30% | 0.803% |
| 78  | 11.622 | 1617 | 1620 | 1626 | rVB  | 98531   | 140345  | 4.28%  | 0.333% |
| 79  | 11.681 | 1627 | 1630 | 1635 | rBV2 | 114149  | 149844  | 4.57%  | 0.356% |
| 80  | 11.780 | 1643 | 1647 | 1655 | rVB2 | 131847  | 176660  | 5.39%  | 0.420% |
| 81  | 11.916 | 1663 | 1670 | 1676 | rBV2 | 288986  | 555077  | 16.92% | 1.318% |
| 82  | 11.969 | 1677 | 1679 | 1682 | rVV  | 54170   | 69906   | 2.13%  | 0.166% |
| 83  | 12.010 | 1682 | 1686 | 1693 | rVB2 | 222745  | 389114  | 11.86% | 0.924% |
| 84  | 12.092 | 1696 | 1700 | 1704 | rVB  | 85397   | 110421  | 3.37%  | 0.262% |
| 85  | 12.192 | 1713 | 1717 | 1720 | rBV  | 72475   | 101925  | 3.11%  | 0.242% |
| 86  | 12.369 | 1745 | 1747 | 1755 | rVB2 | 36996   | 64667   | 1.97%  | 0.154% |
| 87  | 12.445 | 1756 | 1760 | 1761 | rBV  | 78097   | 97285   | 2.97%  | 0.231% |
| 88  | 12.486 | 1761 | 1767 | 1772 | rVB3 | 377073  | 860680  | 26.24% | 2.044% |
| 89  | 12.575 | 1779 | 1782 | 1783 | rBV2 | 64889   | 64726   | 1.97%  | 0.154% |
| 90  | 12.610 | 1783 | 1788 | 1800 | rVB  | 1428542 | 2068271 | 63.05% | 4.912% |
| 91  | 12.704 | 1801 | 1804 | 1809 | rVV  | 57440   | 83124   | 2.53%  | 0.197% |
| 92  | 12.839 | 1820 | 1827 | 1833 | rBV  | 1076483 | 1738285 | 52.99% | 4.129% |
| 93  | 12.975 | 1844 | 1850 | 1858 | rVB  | 477332  | 711539  | 21.69% | 1.690% |
| 94  | 13.163 | 1879 | 1882 | 1886 | rVB  | 177258  | 216621  | 6.60%  | 0.515% |
| 95  | 13.227 | 1890 | 1893 | 1897 | rVV2 | 143976  | 184515  | 5.62%  | 0.438% |
| 96  | 13.269 | 1897 | 1900 | 1903 | rVV2 | 71830   | 91480   | 2.79%  | 0.217% |
| 97  | 14.033 | 2024 | 2030 | 2033 | rBV2 | 903036  | 1602862 | 48.86% | 3.807% |
| 98  | 15.080 | 2203 | 2208 | 2216 | rBV  | 363479  | 791077  | 24.11% | 1.879% |
| 99  | 15.445 | 2266 | 2270 | 2276 | rVB  | 269444  | 408405  | 12.45% | 0.970% |
| 100 | 15.510 | 2277 | 2281 | 2293 | rVB2 | 348665  | 706455  | 21.53% | 1.678% |

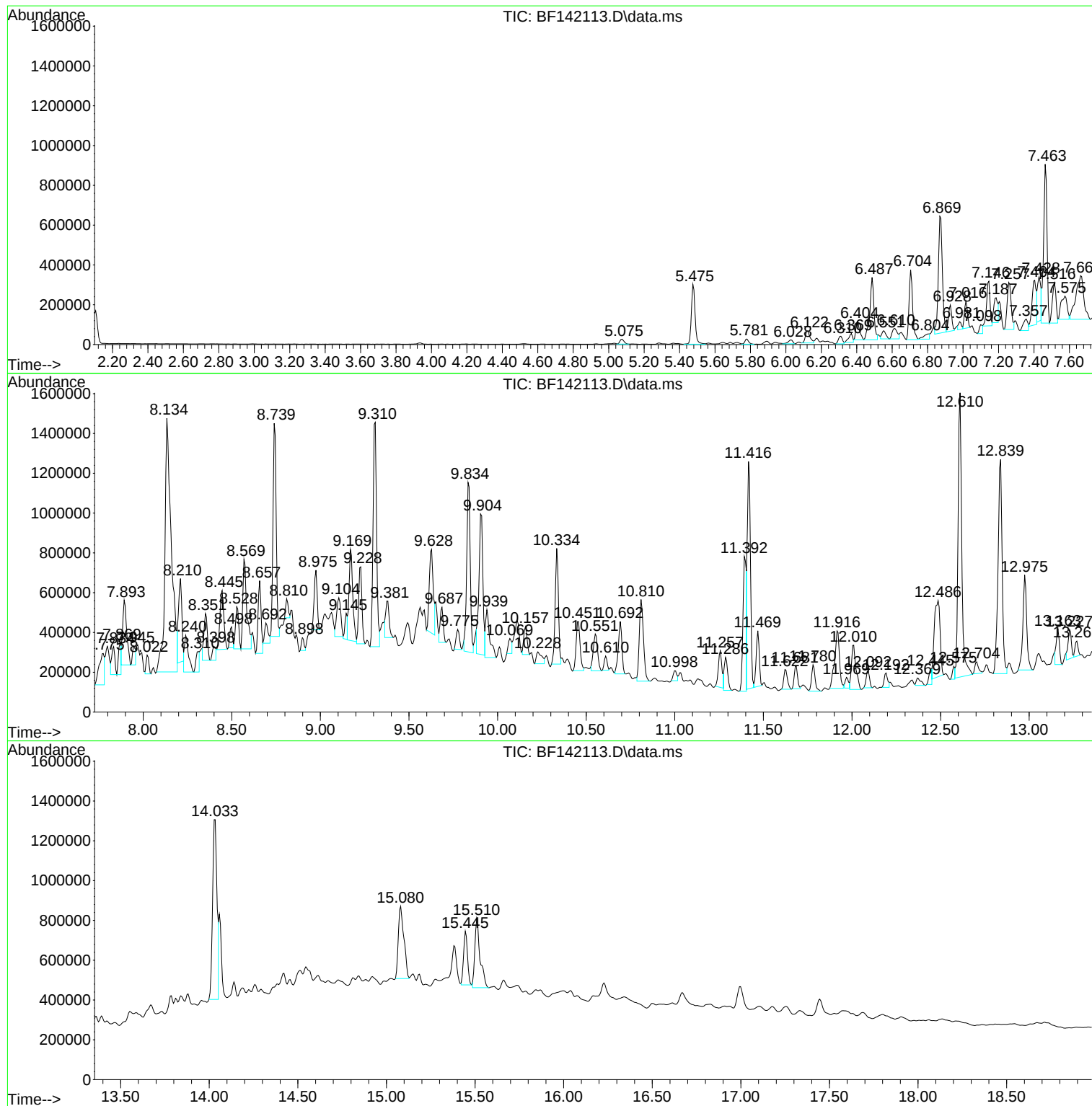
Sum of corrected areas: 42102501

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
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Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.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\BF032625\  
Data File : BF142113.D  
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Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

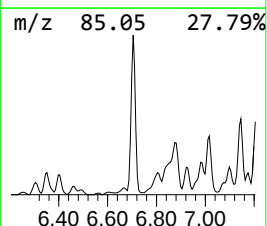
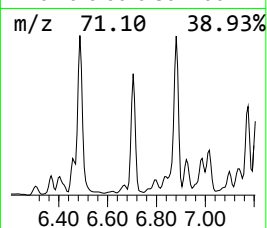
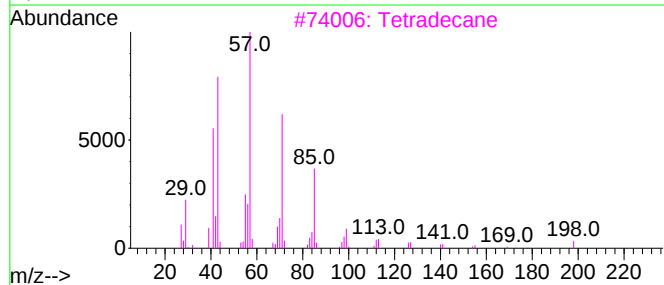
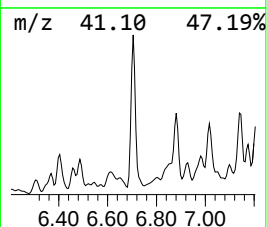
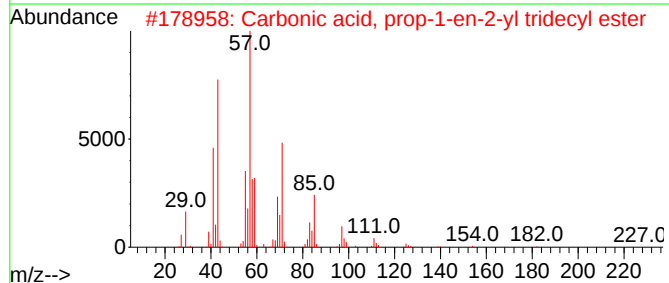
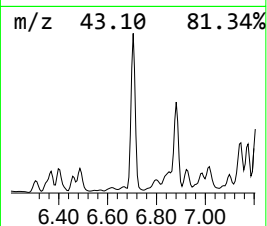
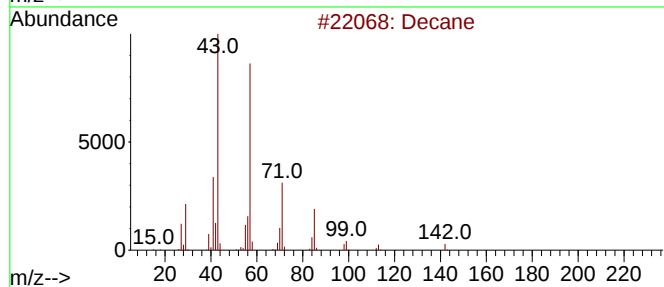
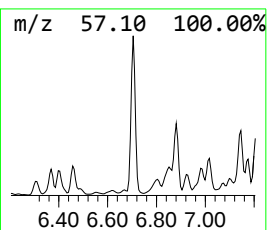
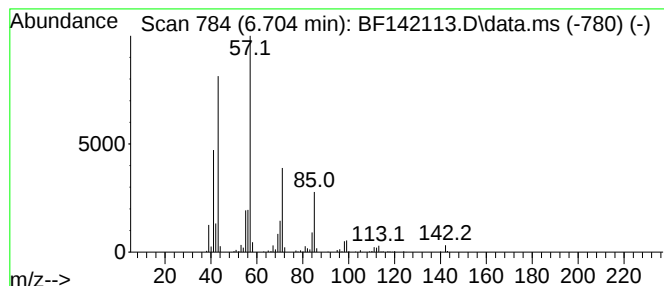
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Decane Concentration Rank 9

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 6.704 | 10.01 ng | 465916 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Decane                              | 142 | C10H22      | 000124-18-5  | 91   |
| 2    |    |   | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3    | 1000382-90-8 | 90   |
| 3    |    |   | Tetradecane                         | 198 | C14H30      | 000629-59-4  | 83   |
| 4    |    |   | Nonane                              | 128 | C9H20       | 000111-84-2  | 83   |
| 5    |    |   | Silane, trichlorooctadecyl-         | 386 | C18H37Cl3Si | 000112-04-9  | 78   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

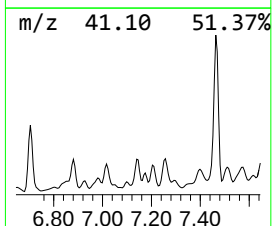
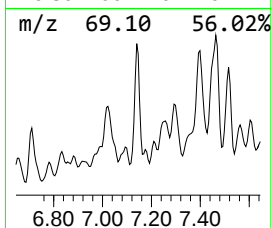
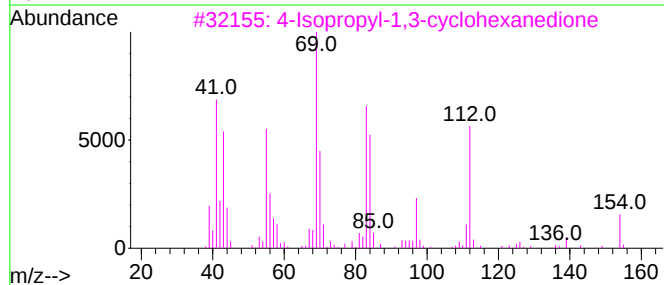
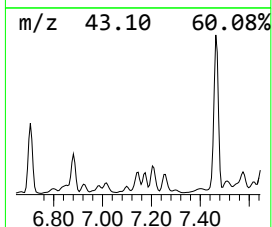
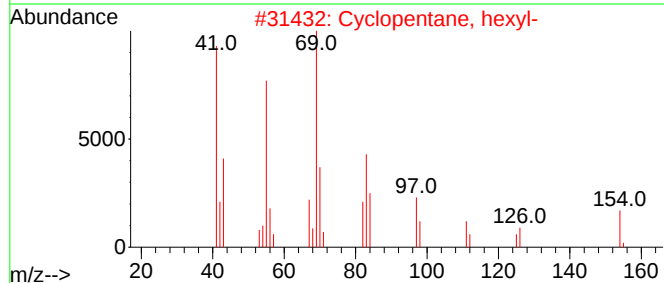
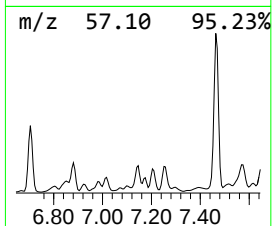
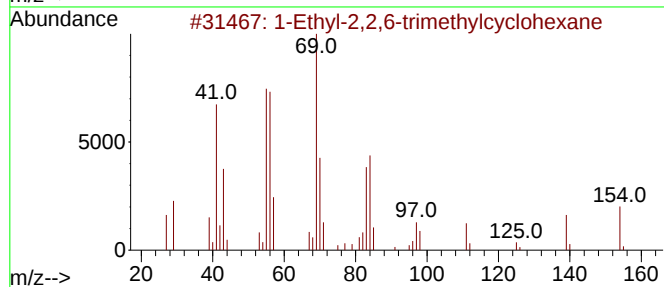
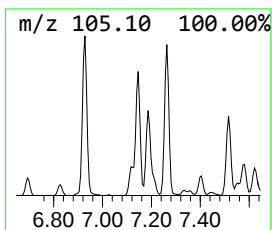
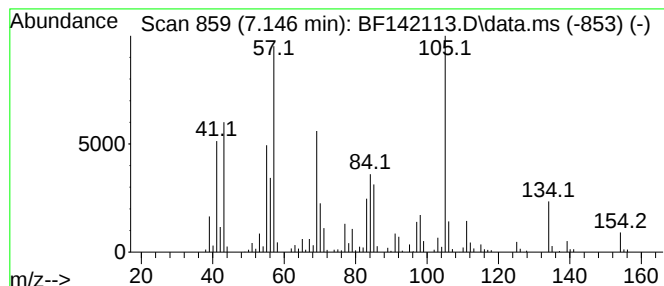
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Peak Number 2 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.146 | 6.37 ng | 296229 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------------|-----|---------|-------------|------|
| 1    |      | 1-Ethyl-2,2,6-trimethylcyclohexane | 154 | C11H22  | 071186-27-1 | 50   |
| 2    |      | Cyclopentane, hexyl-               | 154 | C11H22  | 004457-00-5 | 42   |
| 3    |      | 4-Isopropyl-1,3-cyclohexanedione   | 154 | C9H14O2 | 062831-62-3 | 38   |
| 4    |      | Benzene, 1-methyl-3-propyl-        | 134 | C10H14  | 001074-43-7 | 35   |
| 5    |      | Benzene, 1-methyl-4-propyl-        | 134 | C10H14  | 001074-55-1 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

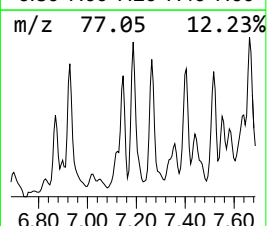
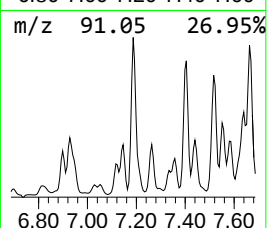
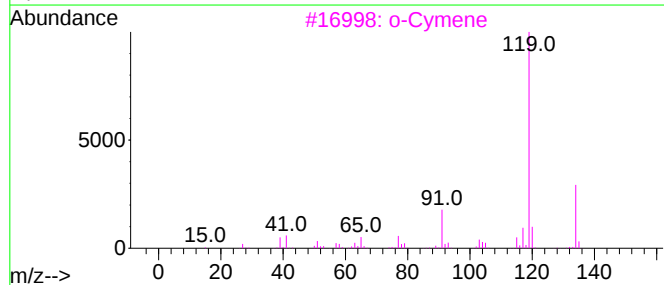
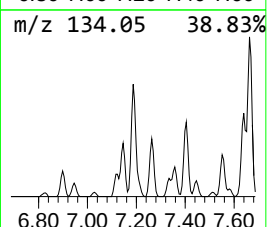
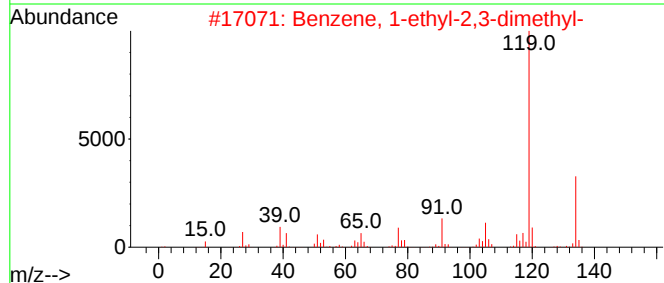
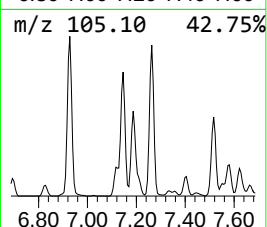
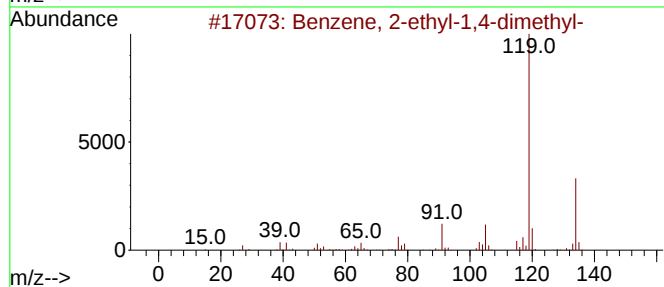
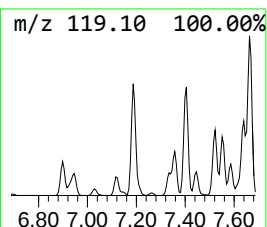
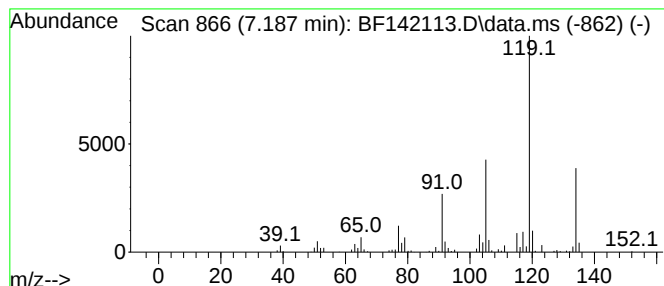
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.187 | 4.40 ng | 204816 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 2    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 94   |
| 3    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 4    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

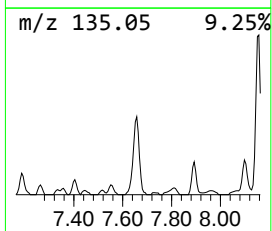
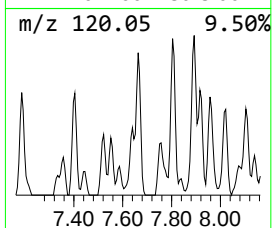
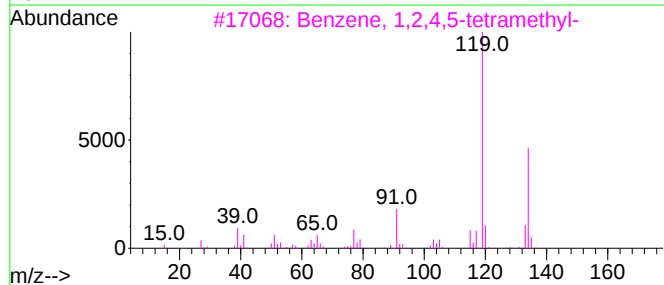
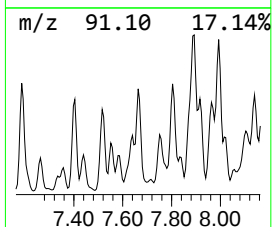
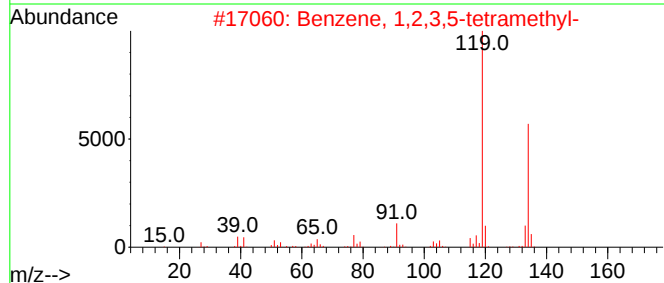
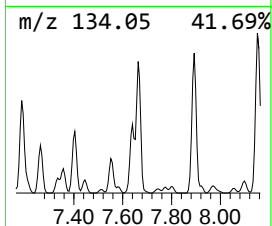
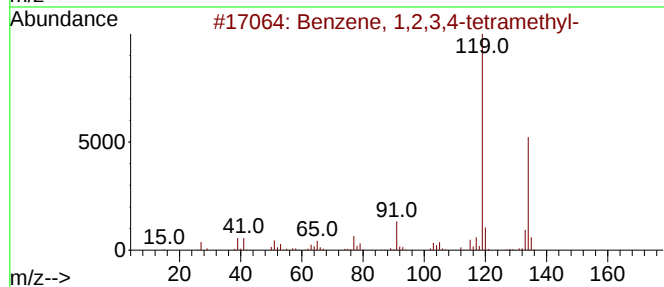
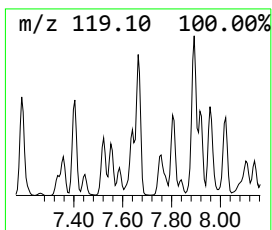
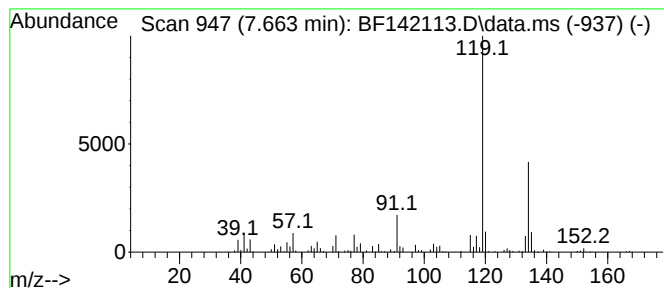
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 7.663 | 4.13 ng | 677291 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 95   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 94   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 94   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 91   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

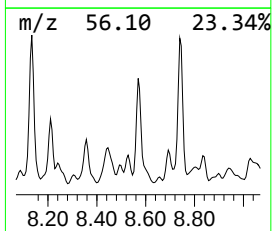
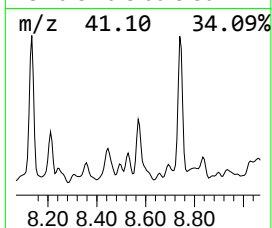
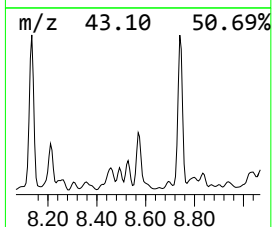
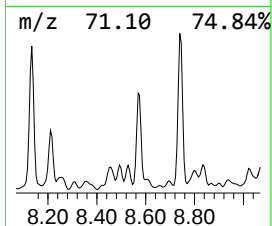
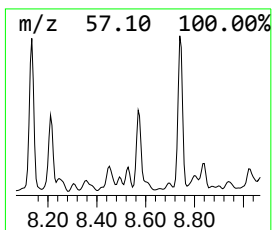
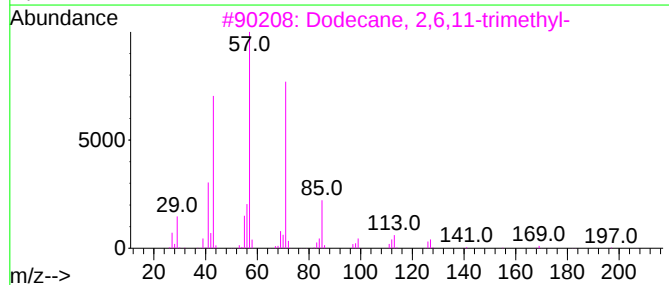
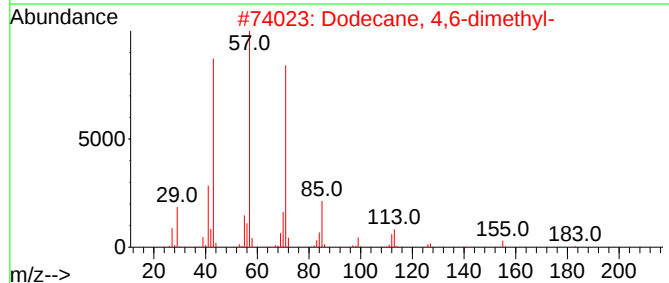
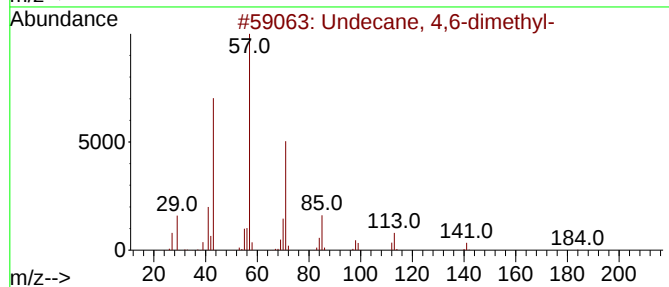
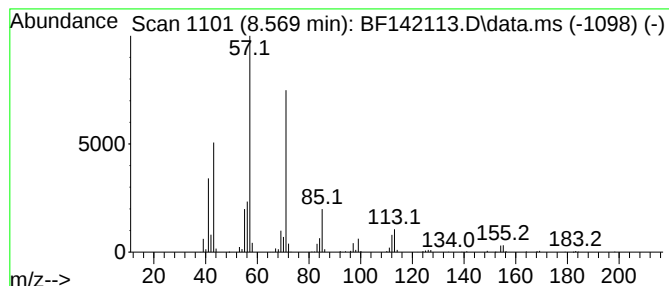
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Undecane, 4,6-dimethyl- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.569 | 4.41 ng | 722573 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 4,6-dimethyl-     | 184 | C13H28  | 017312-82-2 | 87   |
| 2    |    |   | Dodecane, 4,6-dimethyl-     | 198 | C14H30  | 061141-72-8 | 87   |
| 3    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 83   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 83   |
| 5    |    |   | Heptadecane, 2,6-dimethyl-  | 268 | C19H40  | 054105-67-8 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

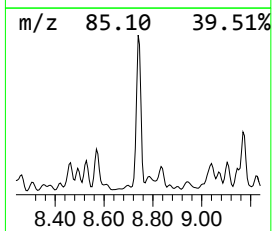
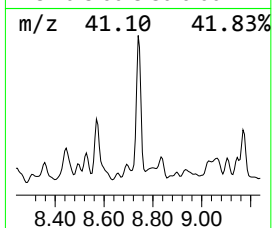
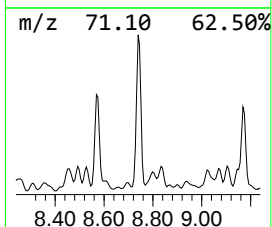
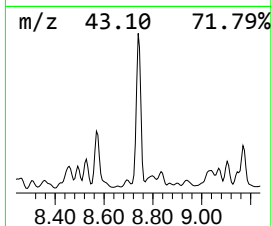
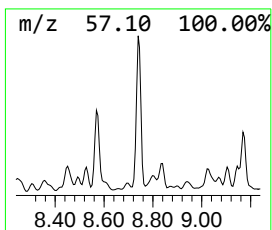
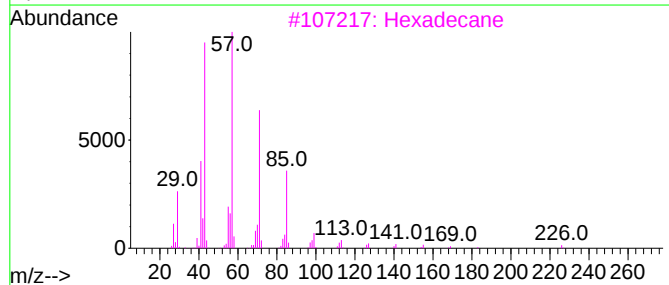
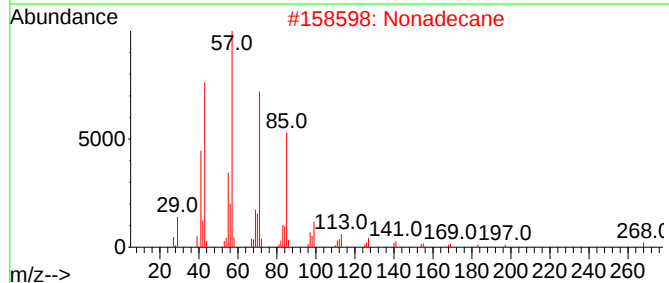
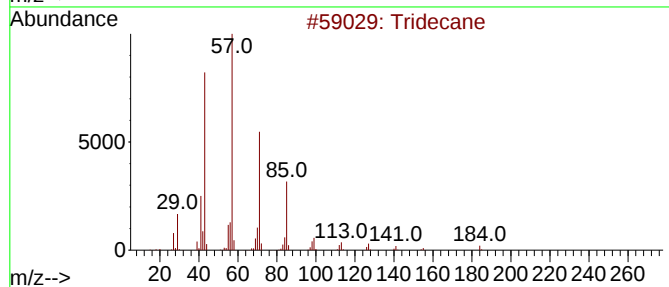
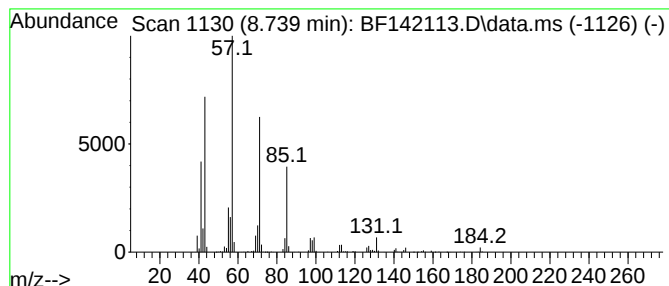
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Tridecane Concentration Rank 11

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 8.739 | 8.26 ng | 1355130 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 96   |
| 2    |    |   | Nonadecane              | 268 | C19H40  | 000629-92-5 | 90   |
| 3    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    |   | Heptadecane             | 240 | C17H36  | 000629-78-7 | 72   |
| 5    |    |   | Undecane, 5,7-dimethyl- | 184 | C13H28  | 017312-83-3 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

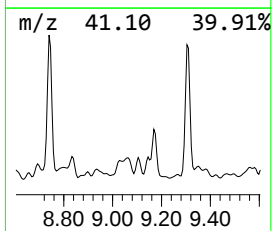
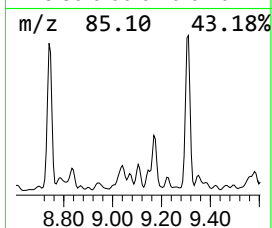
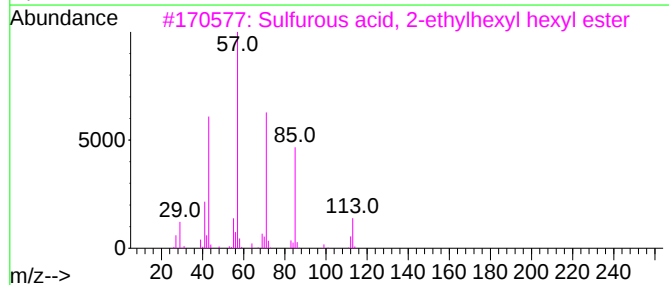
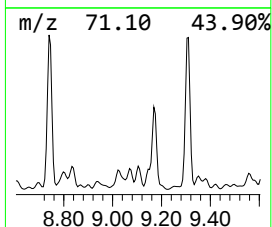
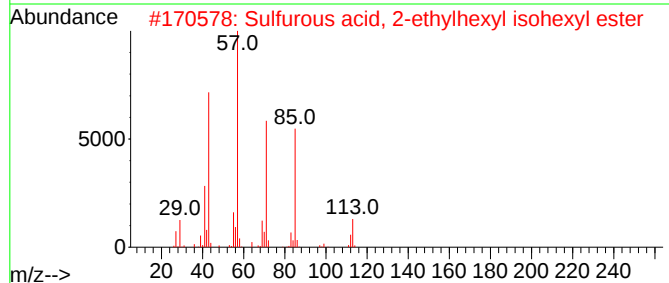
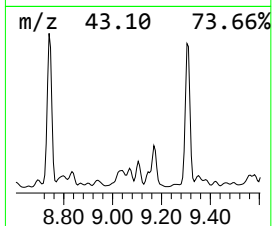
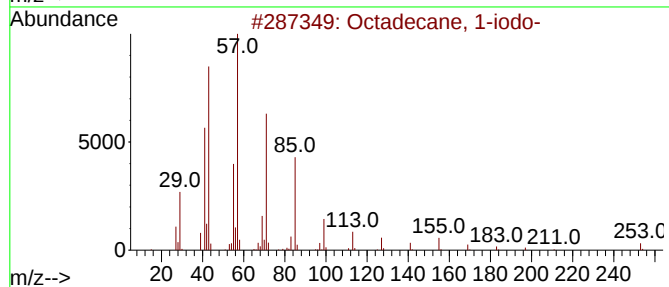
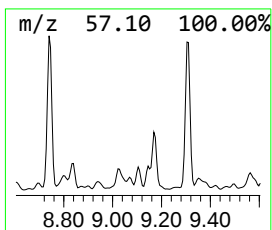
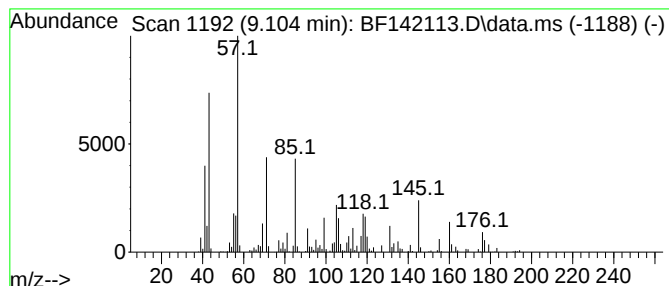
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown9.104 Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.104 | 5.81 ng | 311542 | Acenaphthene-d10 | 9.910 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octadecane, 1-iodo-                 | 380 | C18H37I   | 000629-93-6  | 43   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 43   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 38   |
| 4    |    |   | 1-Iodoundecane                      | 282 | C11H23I   | 004282-44-4  | 35   |
| 5    |    |   | Hexane, 2,3,4-trimethyl-            | 128 | C9H20     | 000921-47-1  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

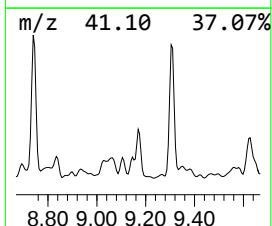
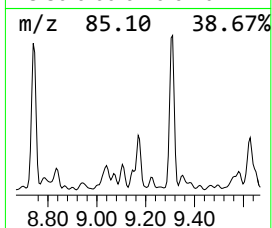
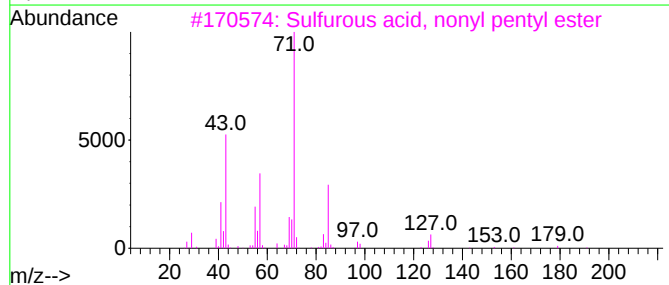
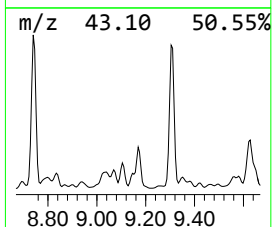
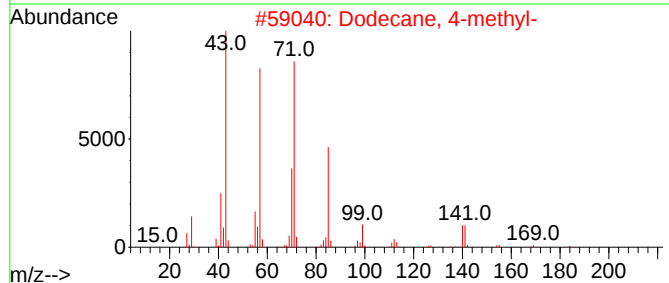
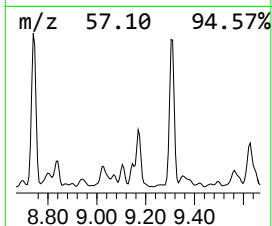
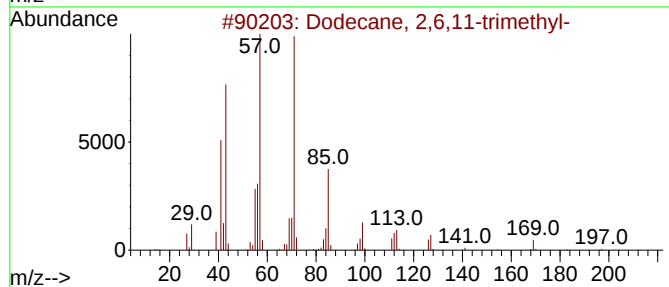
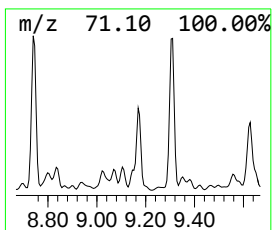
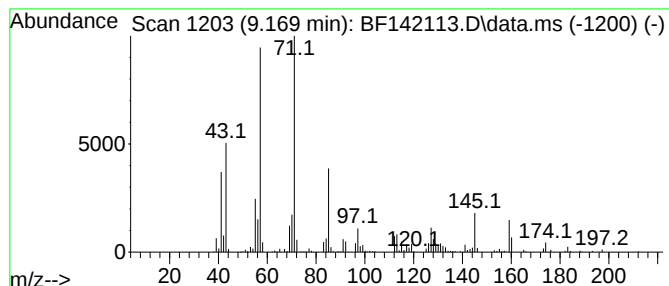
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ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.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, 2,6,11-trimethyl- Concentration Rank 7

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.         |      |
|-----------|------------------------------------|--------|------------------|--------------|------|
| 9.169     | 12.42 ng                           | 665637 | Acenaphthene-d10 | 9.910        |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#         | Qual |
| 1         | Dodecane, 2,6,11-trimethyl-        | 212    | C15H32           | 031295-56-4  | 68   |
| 2         | Dodecane, 4-methyl-                | 184    | C13H28           | 006117-97-1  | 62   |
| 3         | Sulfurous acid, nonyl pentyl ester | 278    | C14H30O3S        | 1000309-14-2 | 53   |
| 4         | Sulfurous acid, hexyl pentyl ester | 236    | C11H24O3S        | 1000309-14-1 | 50   |
| 5         | Nonane, 2,6-dimethyl-              | 156    | C11H24           | 017302-28-2  | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

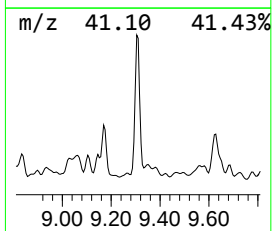
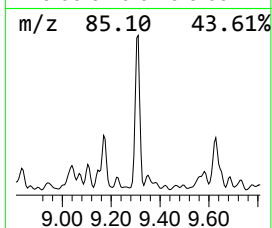
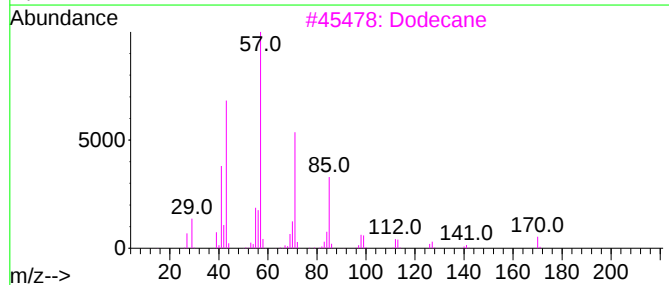
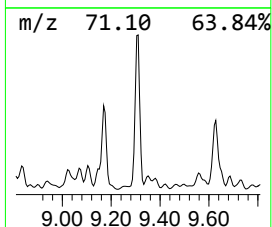
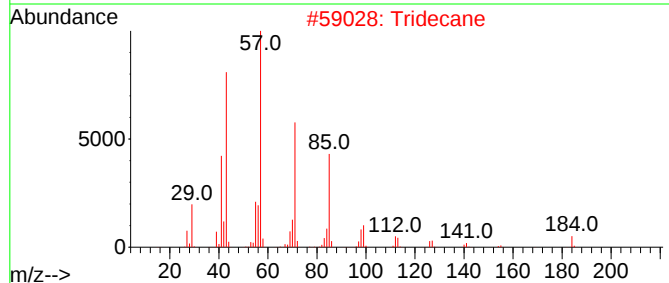
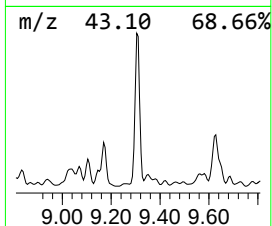
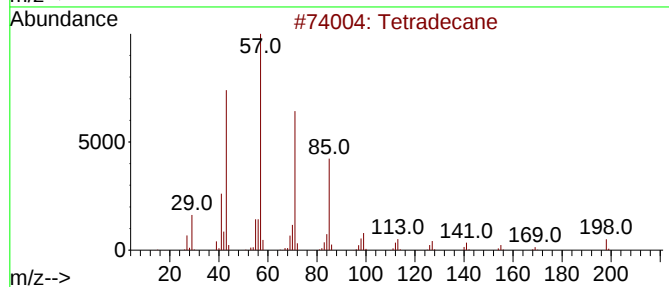
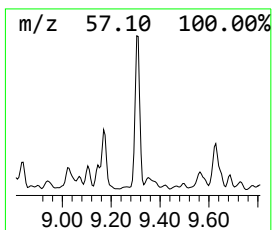
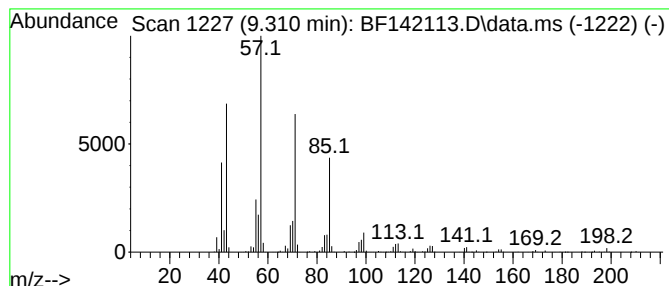
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Tetradecane Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.310 | 29.46 ng | 1579170 | Acenaphthene-d10 | 9.910 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------|-----|---------|-------------|------|
| 1    |      | Tetradecane         | 198 | C14H30  | 000629-59-4 | 94   |
| 2    |      | Tridecane           | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |      | Dodecane            | 170 | C12H26  | 000112-40-3 | 90   |
| 4    |      | Nonadecane          | 268 | C19H40  | 000629-92-5 | 87   |
| 5    |      | Dodecane, 2-methyl- | 184 | C13H28  | 001560-97-0 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

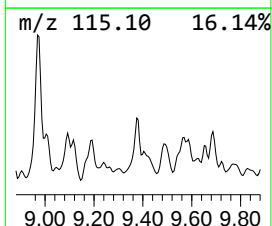
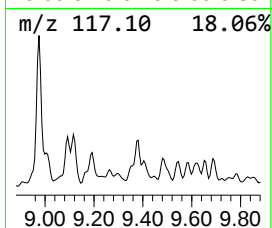
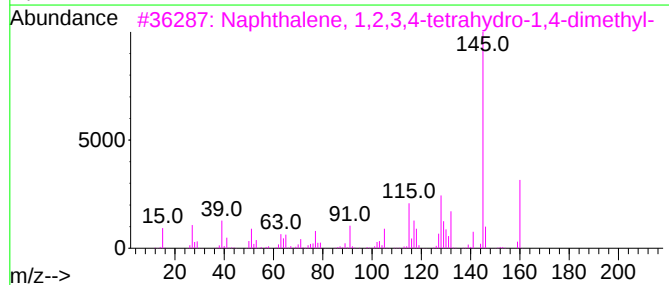
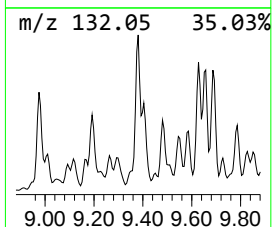
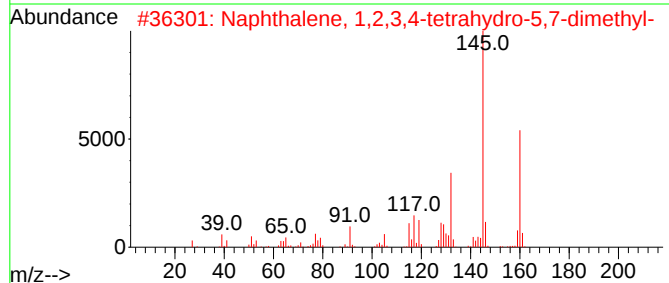
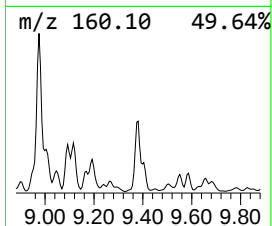
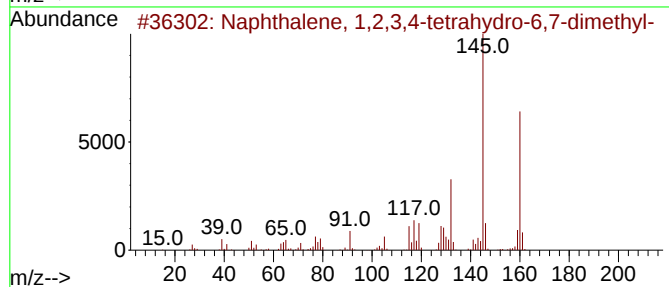
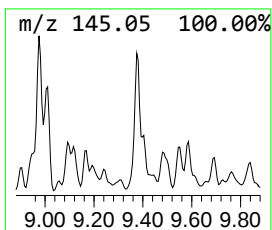
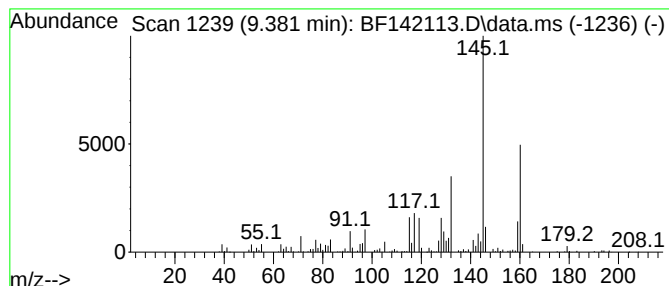
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Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.381 | 4.52 ng | 242493 | Acenaphthene-d10 | 9.910 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 001076-61-5 | 94   |
| 2    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021693-54-9 | 94   |
| 3    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 93   |
| 4    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 020027-77-4 | 83   |
| 5    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

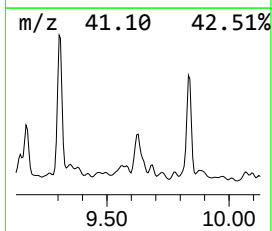
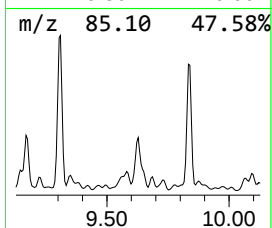
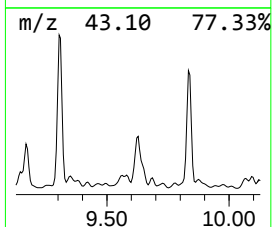
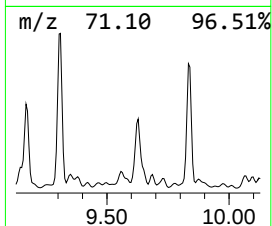
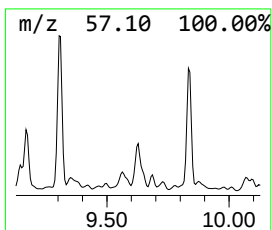
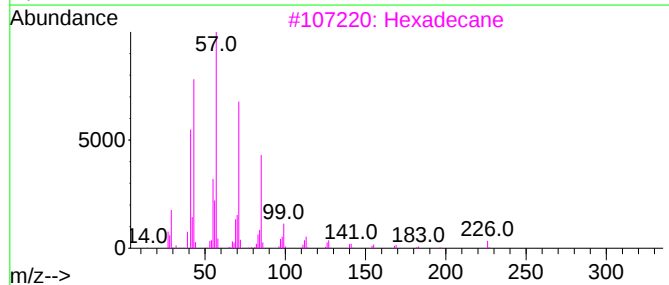
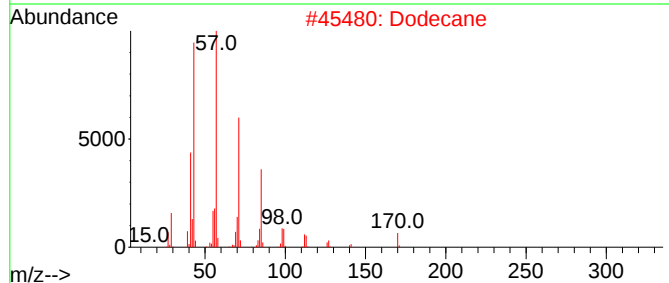
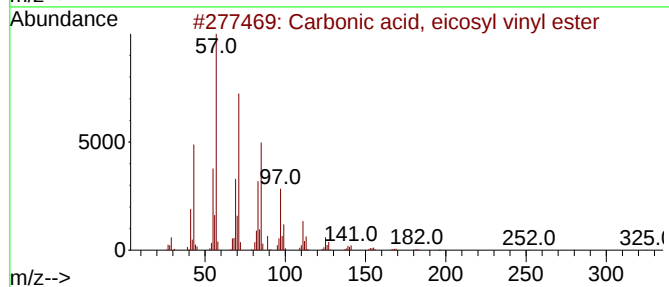
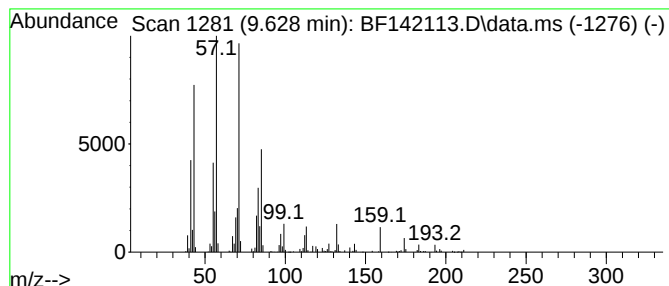
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Peak Number 11 Carbonic acid, eicosyl vinyl... Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.628 | 12.45 ng | 667298 | Acenaphthene-d10 | 9.910 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 86   |
| 2    |      | Dodecane                            | 170 | C12H26   | 000112-40-3  | 81   |
| 3    |      | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 72   |
| 4    |      | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42   | 000638-36-8  | 64   |
| 5    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
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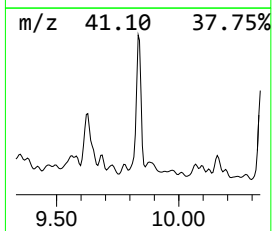
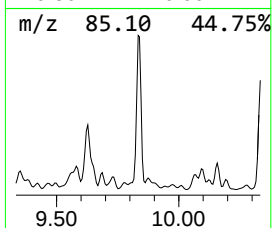
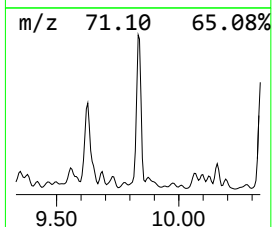
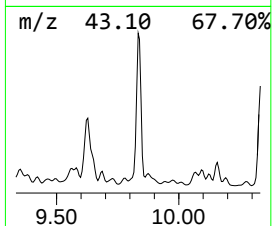
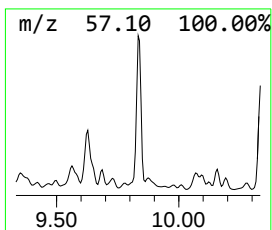
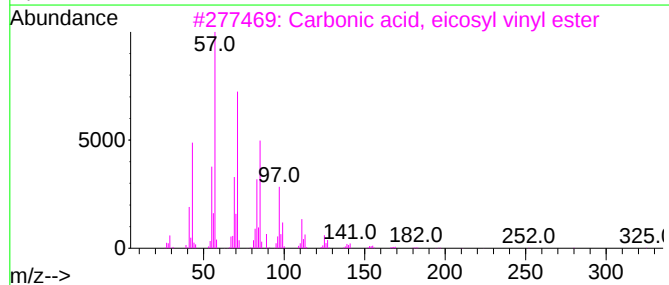
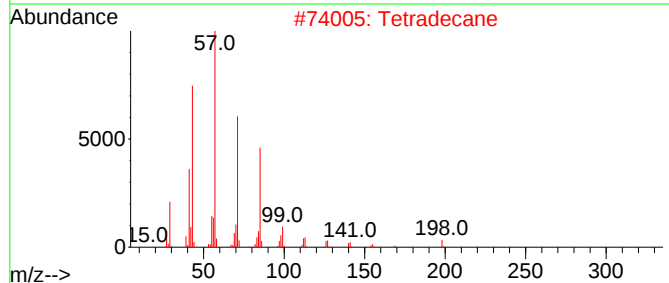
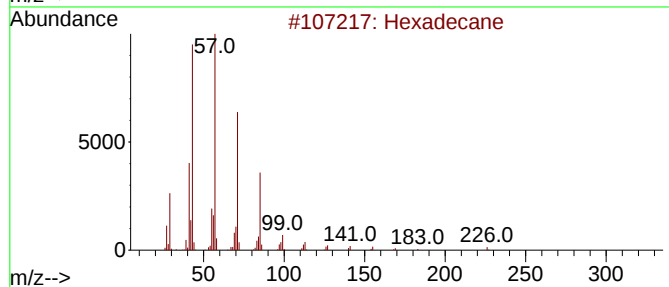
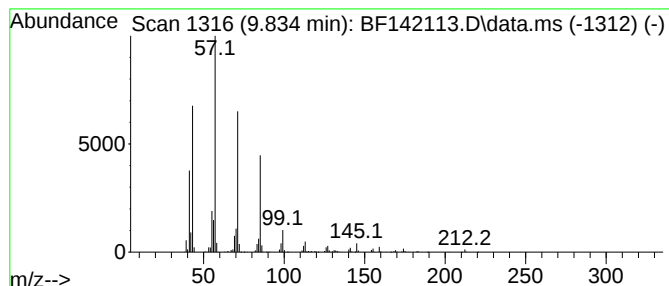
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Hexadecane Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.834 | 22.02 ng | 1180220 | Acenaphthene-d10 | 9.910 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 90   |
| 2    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 86   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 83   |
| 4    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 80   |
| 5    |    |   | Tetradecane, 2,6,10-trimethyl-     | 240 | C17H36   | 014905-56-7  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

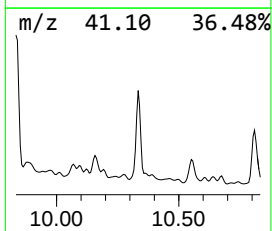
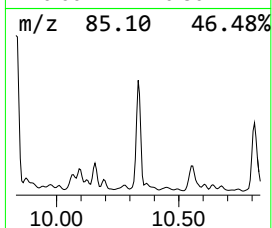
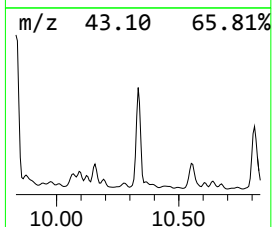
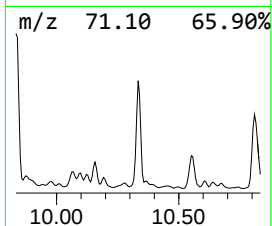
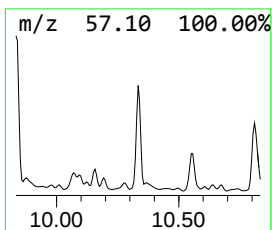
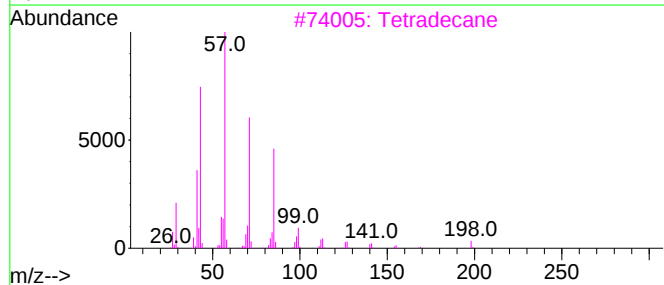
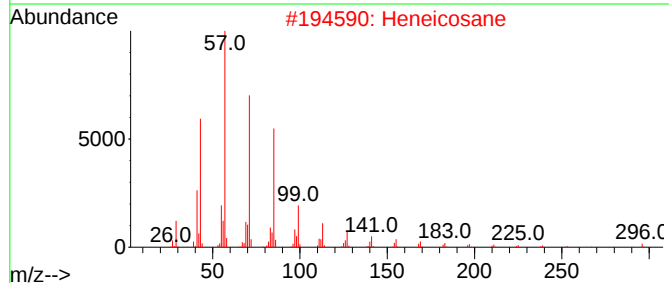
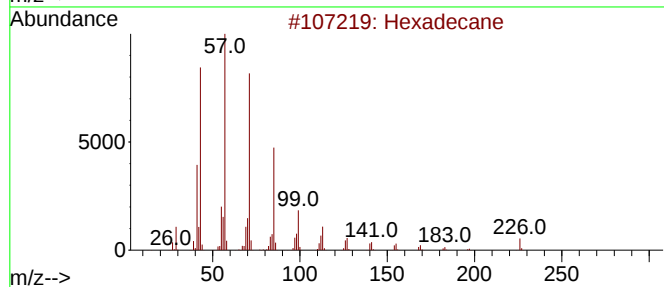
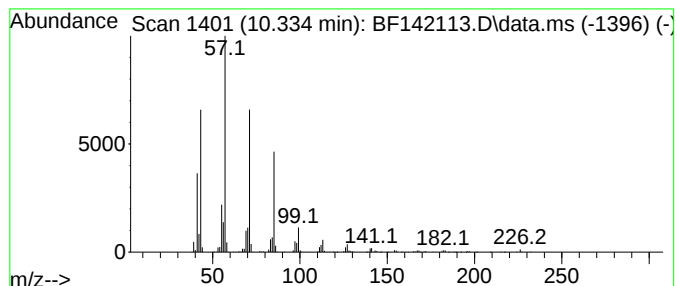
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Heneicosane Concentration Rank 5

| R.T.      | EstConc           | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------|--------|------------------|---------|-------------|------|
| 10.334    | 13.85 ng          | 742332 | Acenaphthene-d10 |         | 9.910       |      |
| Hit# of 5 | Tentative ID      |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexadecane        |        | 226              | C16H34  | 000544-76-3 | 95   |
| 2         | Heneicosane       |        | 296              | C21H44  | 000629-94-7 | 90   |
| 3         | Tetradecane       |        | 198              | C14H30  | 000629-59-4 | 87   |
| 4         | Pentadecane       |        | 212              | C15H32  | 000629-62-9 | 86   |
| 5         | Dodecane, 1-iodo- |        | 296              | C12H25I | 004292-19-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

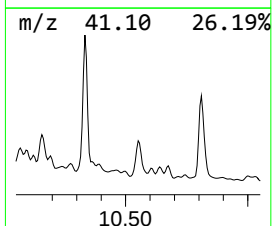
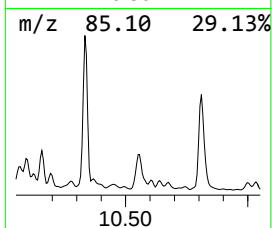
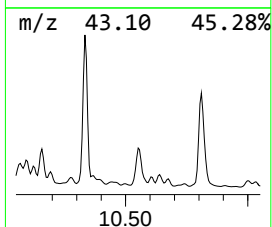
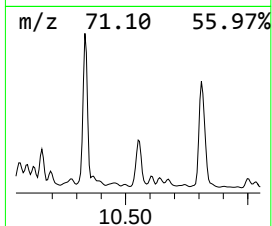
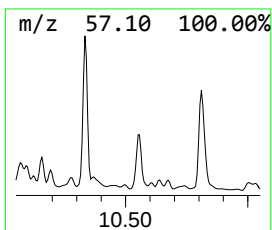
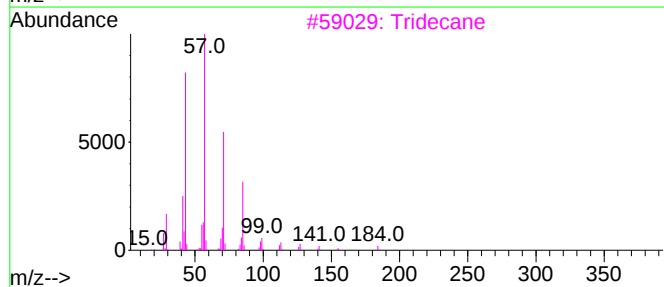
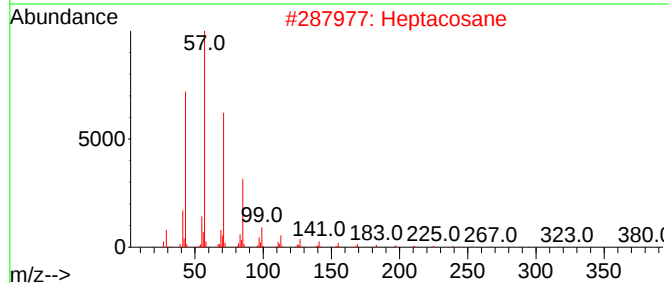
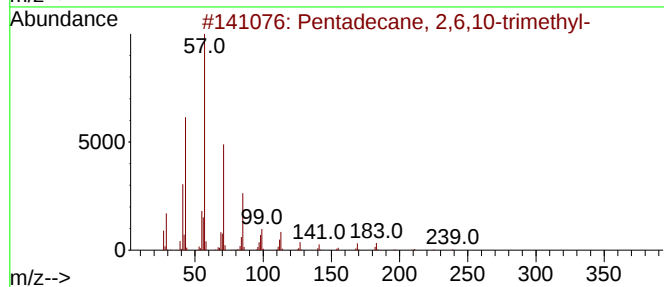
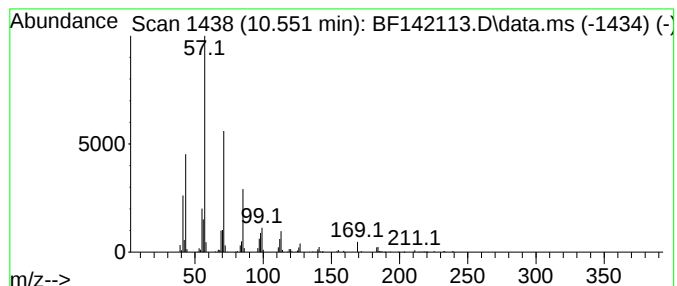
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

| R.T.      | EstConc                        | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------|---------|-------------|------|
| 10.551    | 5.81 ng                        | 311508 | Acenaphthene-d10 |         | 9.910       |      |
| 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         | Tridecane                      |        | 184              | C13H28  | 000629-50-5 | 81   |
| 4         | Tetracosane                    |        | 338              | C24H50  | 000646-31-1 | 80   |
| 5         | 2,6,10-Trimethyltridecane      |        | 226              | C16H34  | 003891-99-4 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

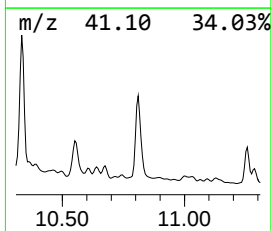
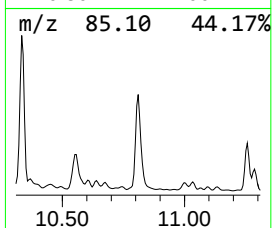
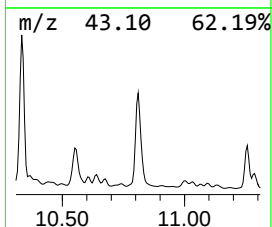
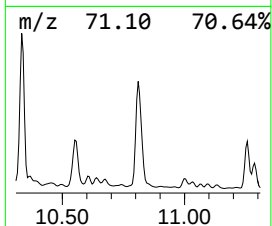
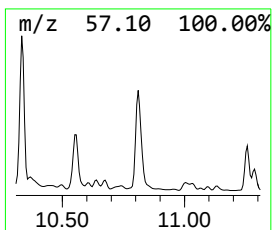
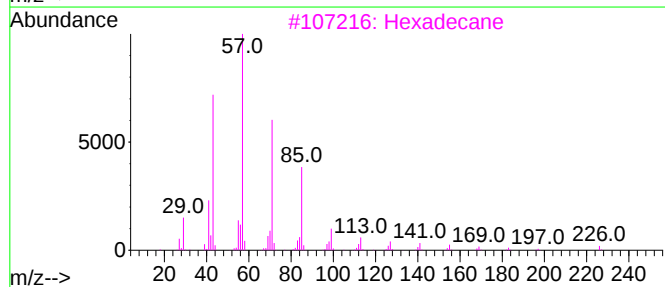
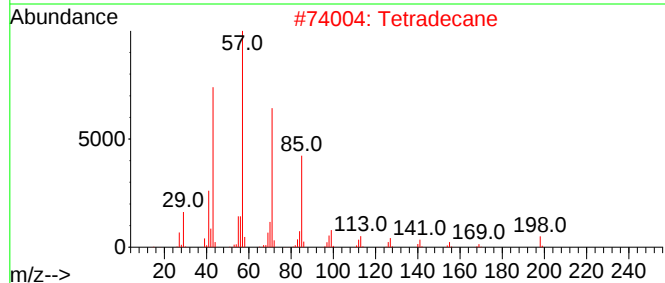
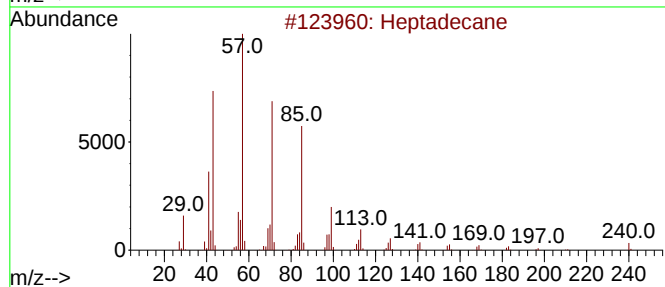
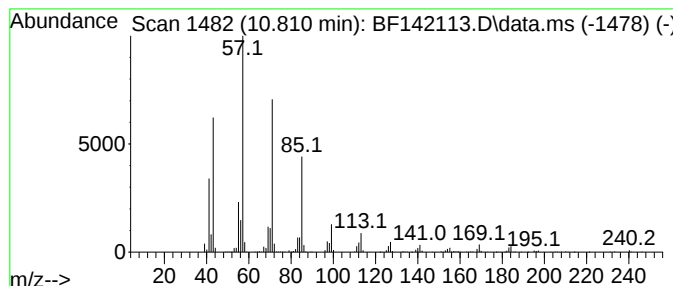
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Heptadecane Concentration Rank 4

| R.T.      | EstConc      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|--------|------------------|---------|-------------|------|
| 10.810    | 14.23 ng     | 664595 | Phenanthrene-d10 |         | 11.392      |      |
| Hit# of 5 | Tentative ID |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heptadecane  |        | 240              | C17H36  | 000629-78-7 | 97   |
| 2         | Tetradecane  |        | 198              | C14H30  | 000629-59-4 | 91   |
| 3         | Hexadecane   |        | 226              | C16H34  | 000544-76-3 | 91   |
| 4         | Octacosane   |        | 394              | C28H58  | 000630-02-4 | 91   |
| 5         | Heptacosane  |        | 380              | C27H56  | 000593-49-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

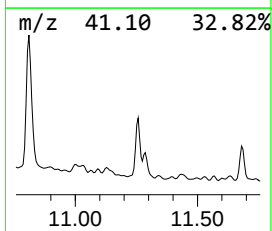
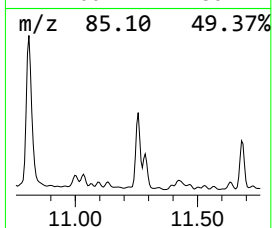
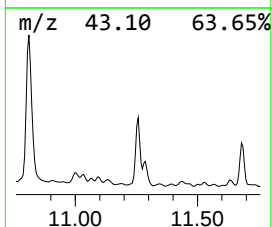
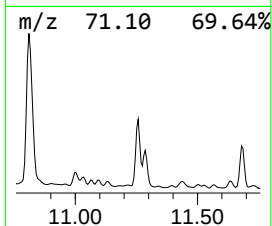
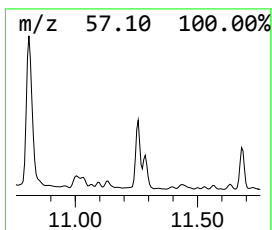
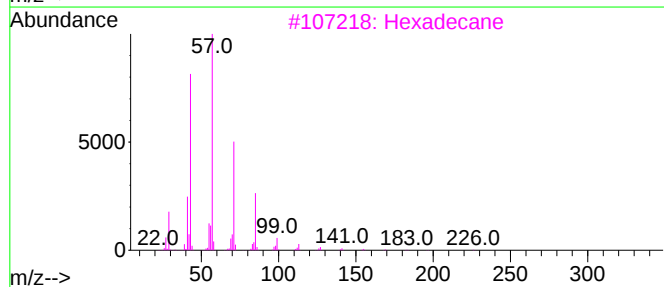
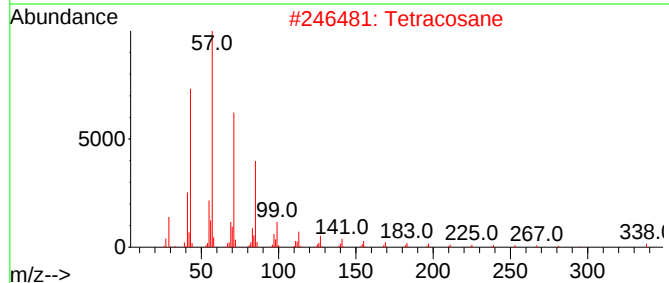
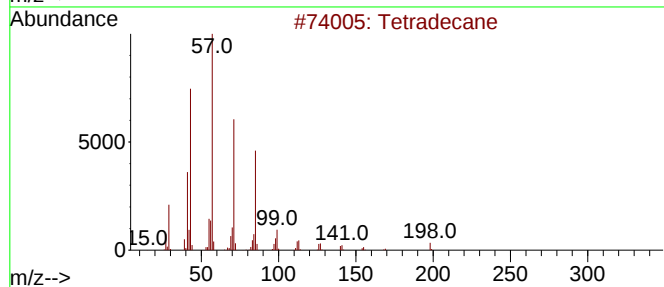
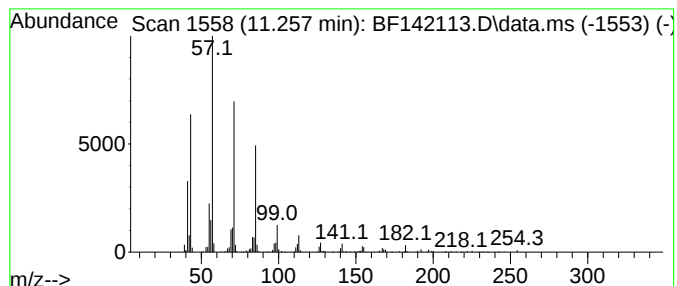
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Tetracosane Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.257 | 5.76 ng | 268791 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 91   |
| 2    |    |   | Tetracosane                        | 338 | C24H50   | 000646-31-1  | 90   |
| 3    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 90   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 90   |
| 5    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

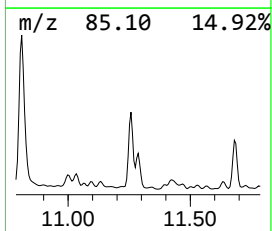
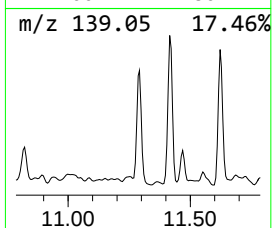
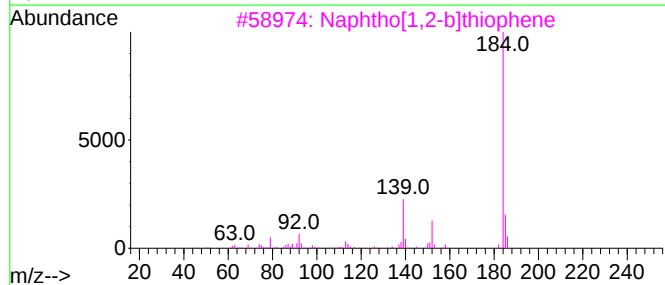
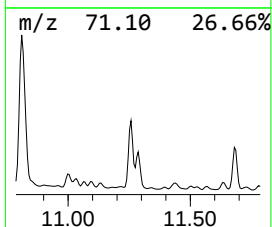
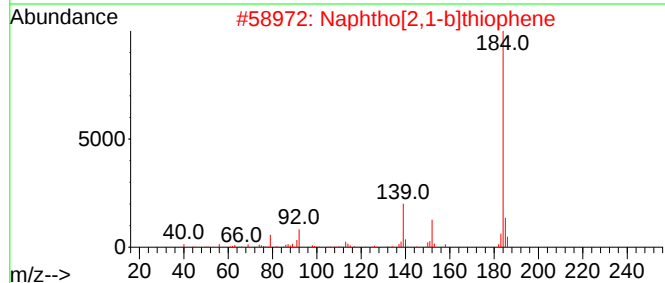
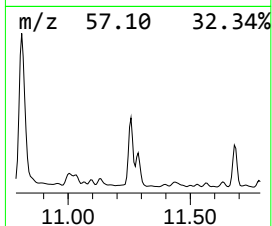
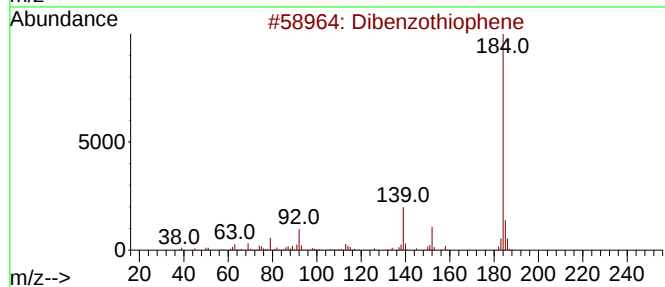
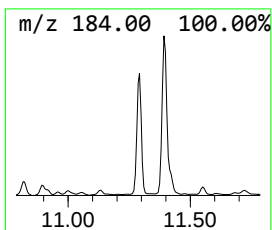
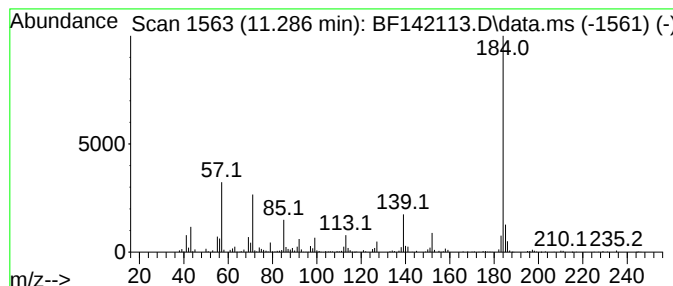
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Dibenzothiophene Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.286 | 4.54 ng | 212223 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dibenzothiophene                  | 184 | C12H8S  | 000132-65-0 | 89   |
| 2    |    |   | Naphtho[2,1-b]thiophene           | 184 | C12H8S  | 000233-02-3 | 89   |
| 3    |    |   | Naphtho[1,2-b]thiophene           | 184 | C12H8S  | 000234-41-3 | 86   |
| 4    |    |   | Azuleno(2,1-b)thiophene           | 184 | C12H8S  | 000248-13-5 | 76   |
| 5    |    |   | Naphthalene, 2-ethenyl-6-methoxy- | 184 | C13H12O | 063444-51-9 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

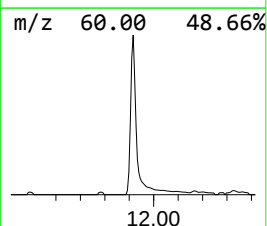
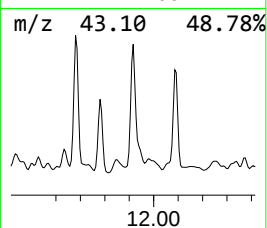
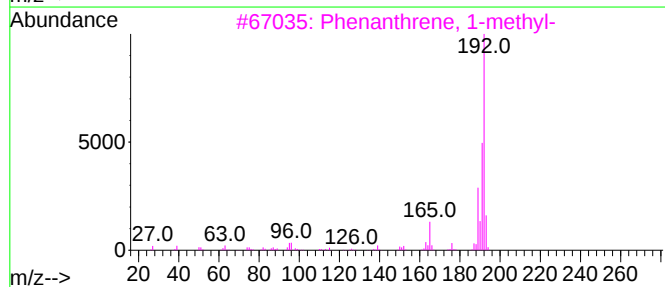
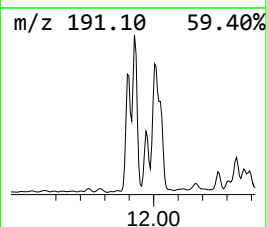
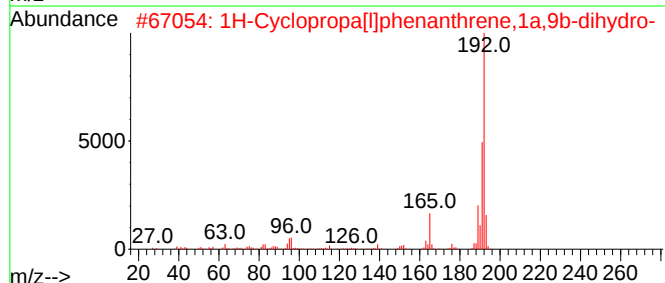
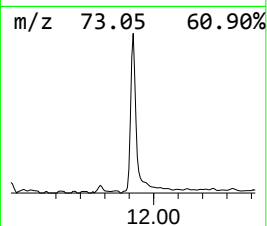
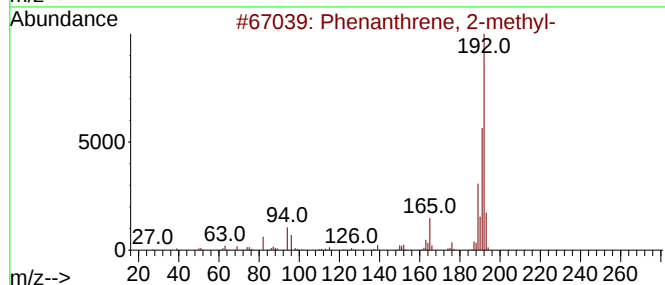
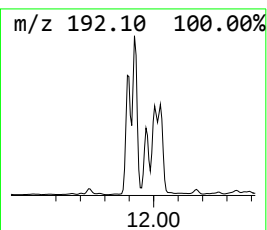
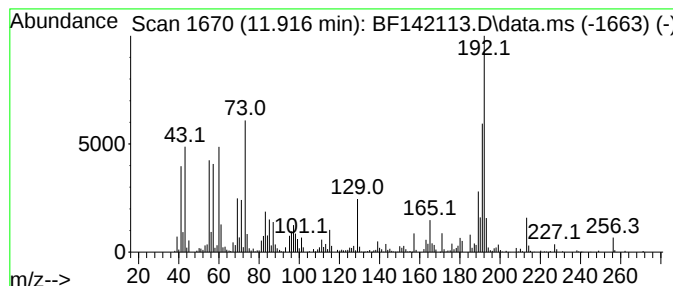
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 8

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.916 | 11.89 ng | 555077 | Phenanthrene-d10 | 11.392 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 95   |
| 2    |      | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 95   |
| 3    |      | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 95   |
| 4    |      | Anthracene, 2-methyl-               | 192 | C15H12  | 000613-12-7 | 95   |
| 5    |      | 1H-Indene, 2-phenyl-                | 192 | C15H12  | 004505-48-0 | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

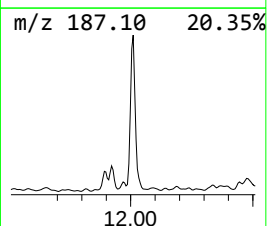
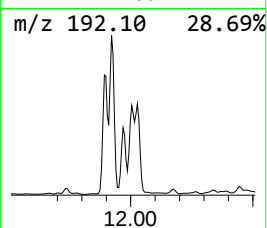
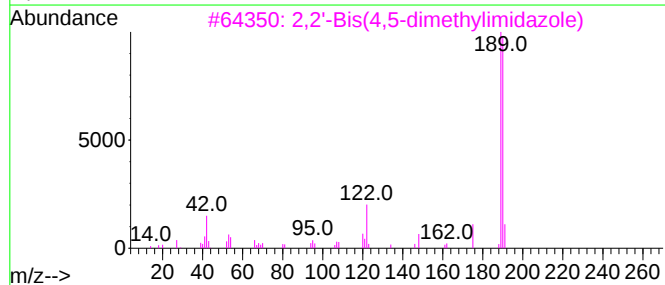
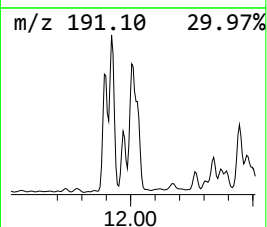
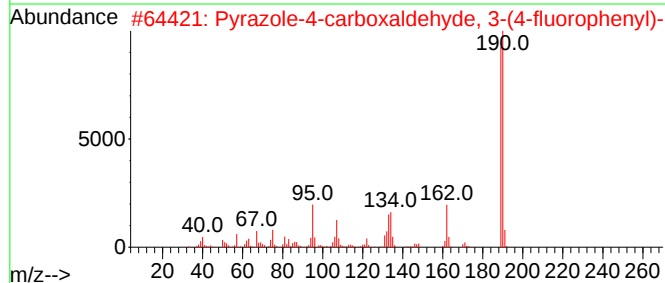
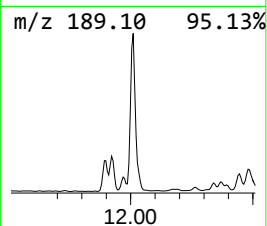
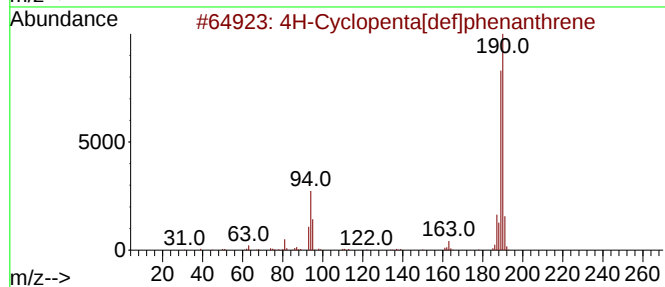
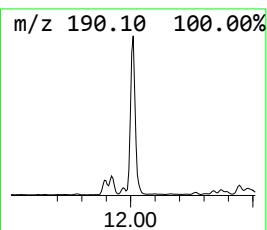
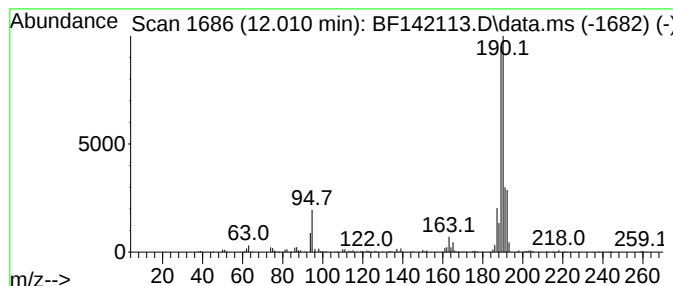
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.010 | 8.33 ng | 389114 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 91   |
| 2    |    |   | Pyrazole-4-carboxaldehyde, 3-(4-... | 190 | C10H7FN2O | 306936-57-2 | 53   |
| 3    |    |   | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4  | 069286-06-2 | 40   |
| 4    |    |   | Pyrimidine, 6-oxo-4-(4-fluorophe... | 190 | C10H7FN2O | 085979-57-3 | 23   |
| 5    |    |   | 1,4-Naphthalenedione, 2,5-dihydr... | 190 | C10H6O4   | 004923-55-1 | 17   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
Data File : BF142113.D  
Acq On : 26 Mar 2025 23:05  
Operator : RC/JU  
Sample : Q1637-03 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

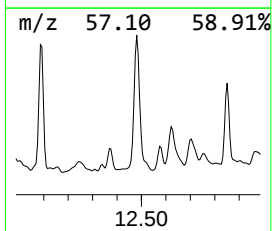
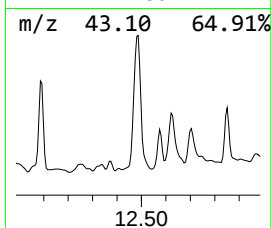
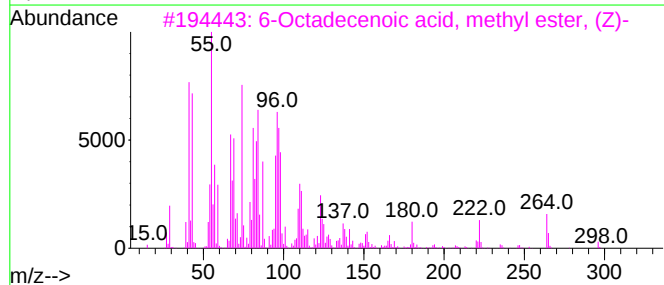
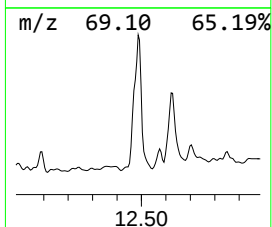
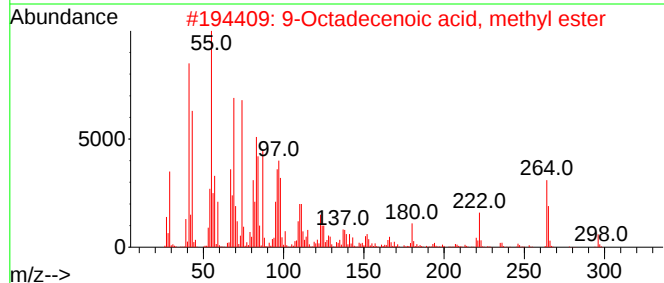
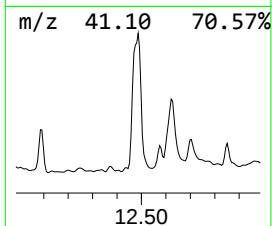
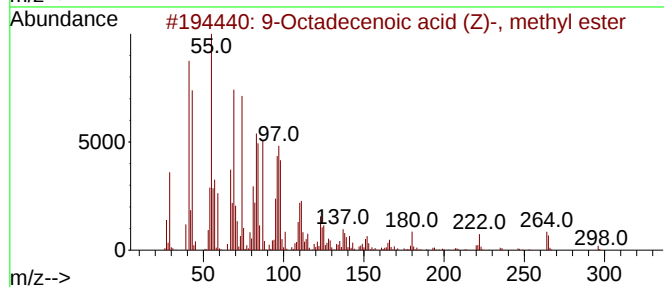
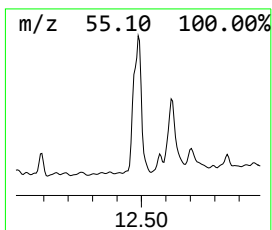
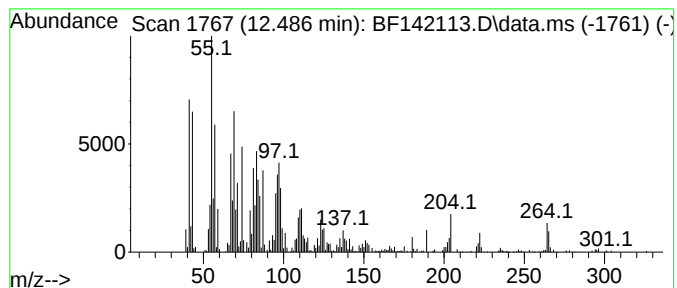
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.486 | 18.43 ng | 860680 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9  | 99   |
| 2    |    |   | 9-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 002462-84-2  | 99   |
| 3    |    |   | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4  | 99   |
| 4    |    |   | trans-13-Octadecenoic acid, meth... | 296 | C19H36O2 | 1000333-61-3 | 99   |
| 5    |    |   | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8  | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032625\  
 Data File : BF142113.D  
 Acq On : 26 Mar 2025 23:05  
 Operator : RC/JU  
 Sample : Q1637-03 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-032525

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.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 |
| Decane              | 6.704  | 10.0    | ng    | 465916   | 1                     | 6.869  | 930570  | 20.0 |
| 1-Ethyl-2,2,6-t...  | 7.146  | 6.4     | ng    | 296229   | 1                     | 6.869  | 930570  | 20.0 |
| Benzene, 2-ethy...  | 7.187  | 4.4     | ng    | 204816   | 1                     | 6.869  | 930570  | 20.0 |
| Benzene, 1,2,3,...  | 7.663  | 4.1     | ng    | 677291   | 2                     | 8.151  | 3280560 | 20.0 |
| Undecane, 4,6-d...  | 8.569  | 4.4     | ng    | 722573   | 2                     | 8.151  | 3280560 | 20.0 |
| Tridecane           | 8.739  | 8.3     | ng    | 1355130  | 2                     | 8.151  | 3280560 | 20.0 |
| unknown9.104        | 9.104  | 5.8     | ng    | 311542   | 3                     | 9.910  | 1071920 | 20.0 |
| Dodecane, 2,6,1...  | 9.169  | 12.4    | ng    | 665637   | 3                     | 9.910  | 1071920 | 20.0 |
| Tetradecane         | 9.310  | 29.5    | ng    | 1579170  | 3                     | 9.910  | 1071920 | 20.0 |
| Naphthalene, 1,...  | 9.381  | 4.5     | ng    | 242493   | 3                     | 9.910  | 1071920 | 20.0 |
| Carbonic acid, ...  | 9.628  | 12.4    | ng    | 667298   | 3                     | 9.910  | 1071920 | 20.0 |
| Hexadecane          | 9.834  | 22.0    | ng    | 1180220  | 3                     | 9.910  | 1071920 | 20.0 |
| Heneicosane         | 10.334 | 13.9    | ng    | 742332   | 3                     | 9.910  | 1071920 | 20.0 |
| Pentadecane, 2,...  | 10.551 | 5.8     | ng    | 311508   | 3                     | 9.910  | 1071920 | 20.0 |
| Heptadecane         | 10.810 | 14.2    | ng    | 664595   | 4                     | 11.392 | 934002  | 20.0 |
| Tetracosane         | 11.257 | 5.8     | ng    | 268791   | 4                     | 11.392 | 934002  | 20.0 |
| Dibenzothiophene    | 11.286 | 4.5     | ng    | 212223   | 4                     | 11.392 | 934002  | 20.0 |
| Phenanthrene, 2...  | 11.916 | 11.9    | ng    | 555077   | 4                     | 11.392 | 934002  | 20.0 |
| 4H-Cyclopenta[d]... | 12.010 | 8.3     | ng    | 389114   | 4                     | 11.392 | 934002  | 20.0 |
| 9-Octadecenoic ...  | 12.486 | 18.4    | ng    | 860680   | 4                     | 11.392 | 934002  | 20.0 |