

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
 Data File : BG064493.D  
 Acq On : 3 Oct 2025 18:59  
 Operator : RC/JU  
 Sample : Q3273-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW1

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\_G\Methods\8270-BG100225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064493.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.941       | 310           | 315         | 320          | rBV      | 40001          | 55911         | 2.94%           | 0.289%        |
| 2         | 5.411       | 389           | 395         | 403          | rBV      | 197160         | 310378        | 16.34%          | 1.603%        |
| 3         | 6.997       | 656           | 665         | 673          | rBV      | 132736         | 243525        | 12.82%          | 1.258%        |
| 4         | 7.215       | 697           | 702         | 707          | rBV      | 23646          | 38555         | 2.03%           | 0.199%        |
| 5         | 7.820       | 798           | 805         | 811          | rVB2     | 87062          | 149972        | 7.90%           | 0.774%        |
| 6         | 7.937       | 821           | 825         | 834          | rBV3     | 15596          | 28453         | 1.50%           | 0.147%        |
| 7         | 8.090       | 846           | 851         | 861          | rVB9     | 7598           | 23374         | 1.23%           | 0.121%        |
| 8         | 8.190       | 862           | 868         | 873          | rBV5     | 14847          | 27445         | 1.45%           | 0.142%        |
| 9         | 8.460       | 910           | 914         | 917          | rBV2     | 15811          | 21230         | 1.12%           | 0.110%        |
| 10        | 8.513       | 920           | 923         | 930          | rVB9     | 14241          | 24408         | 1.29%           | 0.126%        |
| 11        | 8.596       | 932           | 937         | 939          | rBV4     | 18375          | 29502         | 1.55%           | 0.152%        |
| 12        | 8.930       | 985           | 994         | 997          | rBV3     | 47247          | 94433         | 4.97%           | 0.488%        |
| 13        | 8.977       | 997           | 1002        | 1008         | rVV      | 260683         | 433060        | 22.80%          | 2.236%        |
| 14        | 9.183       | 1025          | 1037        | 1042         | rBV9     | 48929          | 147964        | 7.79%           | 0.764%        |
| 15        | 9.259       | 1042          | 1050        | 1052         | rBV3     | 34323          | 66740         | 3.51%           | 0.345%        |
| 16        | 9.312       | 1057          | 1059        | 1064         | rVB5     | 19556          | 29449         | 1.55%           | 0.152%        |
| 17        | 9.471       | 1079          | 1086        | 1088         | rBV7     | 17906          | 37995         | 2.00%           | 0.196%        |
| 18        | 9.506       | 1088          | 1092        | 1094         | rVV2     | 37975          | 58066         | 3.06%           | 0.300%        |
| 19        | 9.542       | 1094          | 1098        | 1103         | rVB5     | 59378          | 102568        | 5.40%           | 0.530%        |
| 20        | 9.706       | 1123          | 1126        | 1130         | rVB5     | 16696          | 23023         | 1.21%           | 0.119%        |
| 21        | 9.753       | 1130          | 1134        | 1137         | rBV3     | 27934          | 38358         | 2.02%           | 0.198%        |
| 22        | 9.806       | 1137          | 1143        | 1151         | rVB5     | 68479          | 157941        | 8.32%           | 0.816%        |
| 23        | 9.906       | 1155          | 1160        | 1164         | rVB6     | 42281          | 68126         | 3.59%           | 0.352%        |
| 24        | 9.970       | 1164          | 1171        | 1174         | rBV6     | 37691          | 73029         | 3.85%           | 0.377%        |
| 25        | 10.017      | 1174          | 1179        | 1183         | rVV4     | 48421          | 73879         | 3.89%           | 0.382%        |
| 26        | 10.082      | 1188          | 1190        | 1196         | rVB4     | 31509          | 42583         | 2.24%           | 0.220%        |
| 27        | 10.153      | 1198          | 1202        | 1206         | rBV5     | 24415          | 45870         | 2.42%           | 0.237%        |
| 28        | 10.205      | 1207          | 1211        | 1215         | rVV5     | 23990          | 41352         | 2.18%           | 0.214%        |
| 29        | 10.247      | 1215          | 1218        | 1224         | rVB3     | 61706          | 92561         | 4.87%           | 0.478%        |
| 30        | 10.323      | 1226          | 1231        | 1234         | rBV3     | 41364          | 73354         | 3.86%           | 0.379%        |
| 31        | 10.399      | 1240          | 1244        | 1249         | rVB5     | 42376          | 72150         | 3.80%           | 0.373%        |
| 32        | 10.487      | 1255          | 1259        | 1260         | rBV4     | 31589          | 40173         | 2.12%           | 0.207%        |
| 33        | 10.605      | 1271          | 1279        | 1285         | rBV2     | 132387         | 340070        | 17.91%          | 1.756%        |
| 34        | 10.664      | 1285          | 1289        | 1290         | rBV2     | 24392          | 28925         | 1.52%           | 0.149%        |
| 35        | 10.734      | 1297          | 1301        | 1306         | rVV4     | 46933          | 81078         | 4.27%           | 0.419%        |
| 36        | 10.781      | 1306          | 1309        | 1314         | rVB      | 95062          | 142024        | 7.48%           | 0.733%        |

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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\_G\Methods\8270-BG100225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 10.840 | 1314 | 1319 | 1327 | rBV7 | 46359   | 110414  | 5.81%   | 0.570% |
| 38 | 10.910 | 1329 | 1331 | 1335 | rVB4 | 31151   | 35404   | 1.86%   | 0.183% |
| 39 | 11.028 | 1346 | 1351 | 1356 | rBV7 | 59293   | 125142  | 6.59%   | 0.646% |
| 40 | 11.110 | 1362 | 1365 | 1369 | rVB4 | 67533   | 89948   | 4.74%   | 0.464% |
| 41 | 11.193 | 1374 | 1379 | 1383 | rVV4 | 73911   | 122671  | 6.46%   | 0.633% |
| 42 | 11.234 | 1383 | 1386 | 1389 | rVV5 | 26390   | 36194   | 1.91%   | 0.187% |
| 43 | 11.316 | 1390 | 1400 | 1408 | rVV5 | 80482   | 294385  | 15.50%  | 1.520% |
| 44 | 11.386 | 1408 | 1412 | 1417 | rVB4 | 54886   | 98153   | 5.17%   | 0.507% |
| 45 | 11.463 | 1420 | 1425 | 1430 | rVV7 | 67843   | 134139  | 7.06%   | 0.693% |
| 46 | 11.527 | 1430 | 1436 | 1444 | rVB5 | 73278   | 179981  | 9.48%   | 0.929% |
| 47 | 11.651 | 1451 | 1457 | 1465 | rBV2 | 222993  | 520961  | 27.43%  | 2.690% |
| 48 | 11.804 | 1479 | 1483 | 1487 | rBV3 | 81723   | 124171  | 6.54%   | 0.641% |
| 49 | 11.903 | 1497 | 1500 | 1504 | rVB4 | 54243   | 73969   | 3.89%   | 0.382% |
| 50 | 12.409 | 1583 | 1586 | 1590 | rBV4 | 45893   | 59591   | 3.14%   | 0.308% |
| 51 | 12.526 | 1602 | 1606 | 1612 | rVB3 | 168838  | 258535  | 13.61%  | 1.335% |
| 52 | 12.955 | 1674 | 1679 | 1682 | rBV6 | 82116   | 178853  | 9.42%   | 0.924% |
| 53 | 13.002 | 1683 | 1687 | 1692 | rVB  | 464058  | 649169  | 34.18%  | 3.352% |
| 54 | 13.079 | 1694 | 1700 | 1705 | rVB  | 742657  | 1110122 | 58.45%  | 5.733% |
| 55 | 13.243 | 1725 | 1728 | 1730 | rBV3 | 103230  | 132972  | 7.00%   | 0.687% |
| 56 | 13.396 | 1749 | 1754 | 1760 | rVV4 | 193183  | 423809  | 22.32%  | 2.189% |
| 57 | 13.449 | 1761 | 1763 | 1768 | rVB4 | 131725  | 160728  | 8.46%   | 0.830% |
| 58 | 13.731 | 1808 | 1811 | 1813 | rBV4 | 98185   | 134639  | 7.09%   | 0.695% |
| 59 | 13.883 | 1833 | 1837 | 1840 | rVB  | 186984  | 243396  | 12.82%  | 1.257% |
| 60 | 13.954 | 1845 | 1849 | 1853 | rVV2 | 482293  | 641767  | 33.79%  | 3.314% |
| 61 | 14.160 | 1881 | 1884 | 1887 | rBV4 | 109863  | 163549  | 8.61%   | 0.845% |
| 62 | 14.453 | 1928 | 1934 | 1942 | rVB4 | 253459  | 602951  | 31.75%  | 3.114% |
| 63 | 14.988 | 2022 | 2025 | 2034 | rVB6 | 271974  | 474482  | 24.98%  | 2.450% |
| 64 | 15.082 | 2037 | 2041 | 2044 | rBV4 | 187138  | 333489  | 17.56%  | 1.722% |
| 65 | 15.722 | 2146 | 2150 | 2156 | rVB  | 717501  | 1094931 | 57.65%  | 5.654% |
| 66 | 15.946 | 2183 | 2188 | 2195 | rVB3 | 696936  | 1158897 | 61.02%  | 5.985% |
| 67 | 16.204 | 2228 | 2232 | 2243 | rVB  | 1163831 | 1899152 | 100.00% | 9.807% |
| 68 | 17.021 | 2367 | 2371 | 2379 | rVB  | 930979  | 1628576 | 85.75%  | 8.410% |
| 69 | 19.812 | 2842 | 2846 | 2852 | rVB  | 1344246 | 1707441 | 89.91%  | 8.817% |
| 70 | 21.087 | 3061 | 3063 | 3075 | rVB7 | 77829   | 148237  | 7.81%   | 0.766% |
| 71 | 21.416 | 3114 | 3119 | 3127 | rVB  | 241586  | 405107  | 21.33%  | 2.092% |
| 72 | 22.785 | 3350 | 3352 | 3358 | rVB7 | 17330   | 24511   | 1.29%   | 0.127% |
| 73 | 22.985 | 3382 | 3386 | 3389 | rVB5 | 23965   | 33776   | 1.78%   | 0.174% |
| 74 | 24.389 | 3615 | 3625 | 3635 | rVB  | 148355  | 392807  | 20.68%  | 2.028% |

Sum of corrected areas: 19364543

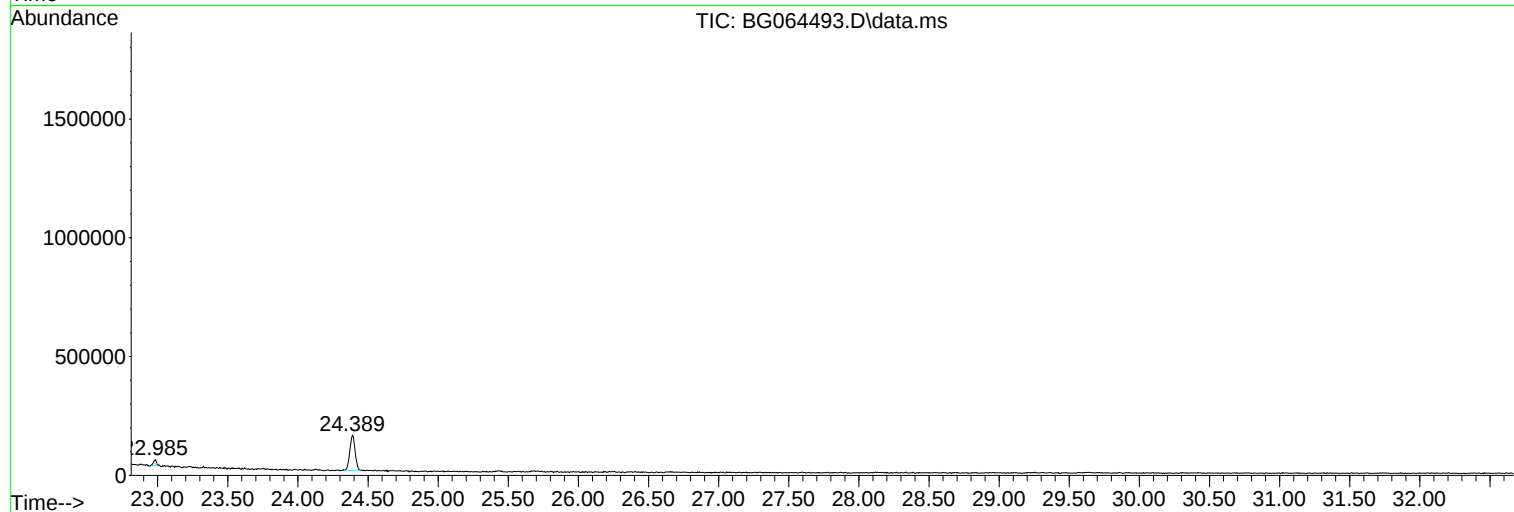
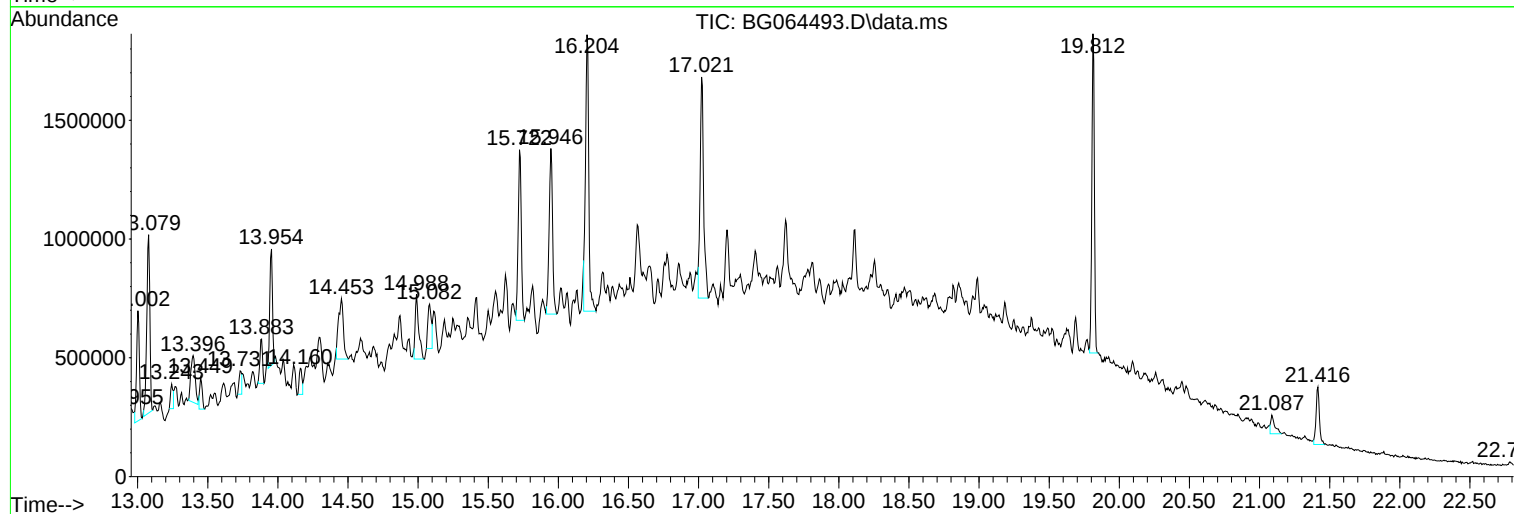
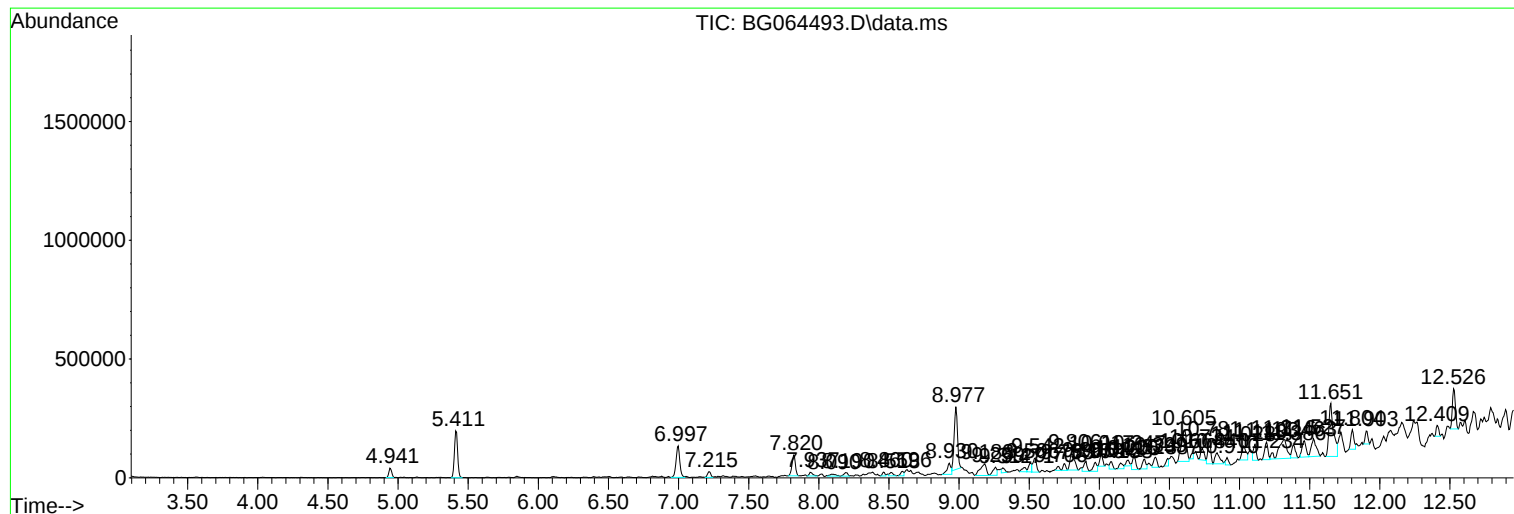
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
MW1

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.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\_G\Data\BG100325\  
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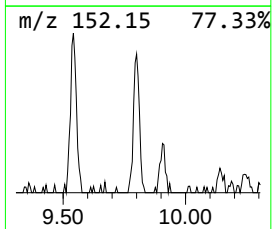
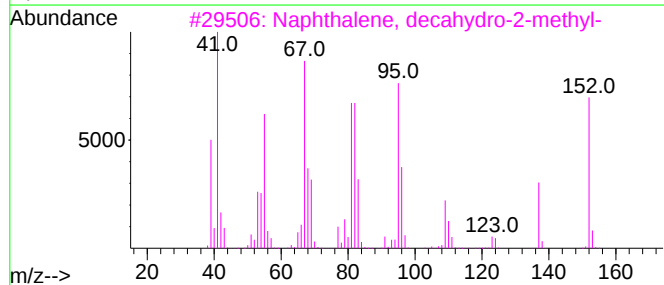
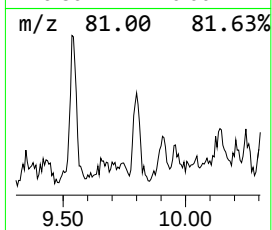
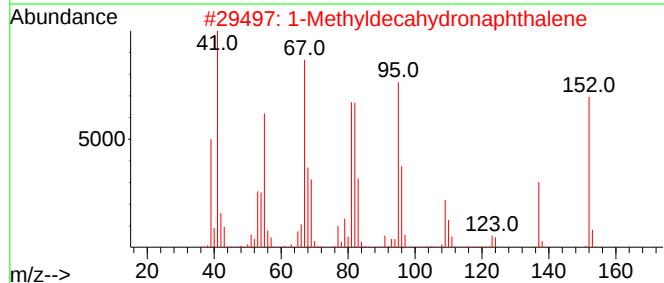
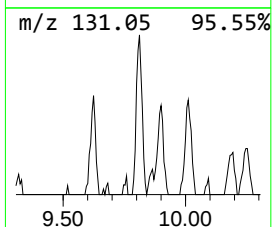
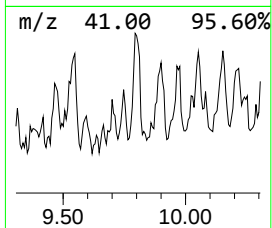
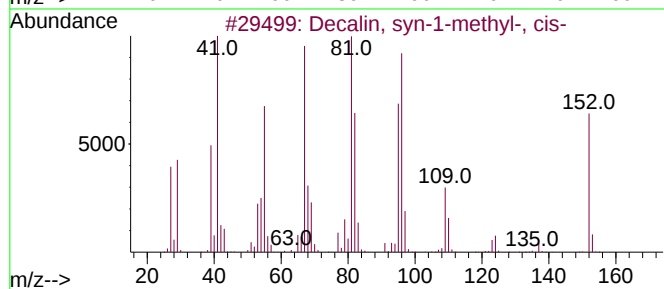
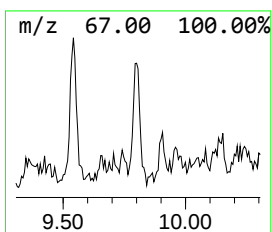
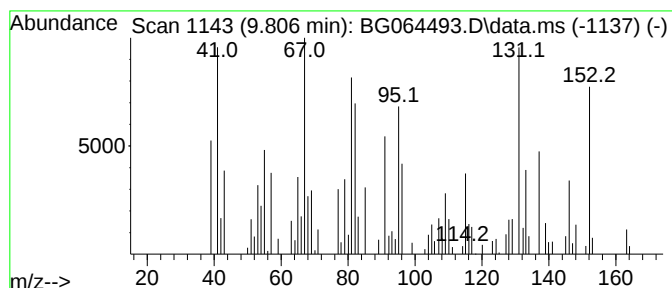
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Decalin, syn-1-methyl-, cis- Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.806     | 9.29 ng                             | 157941 | Naphthalene-d8   | 10.611       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Decalin, syn-1-methyl-, cis-        | 152    | C11H20           | 1000158-89-1 | 87   |
| 2         | 1-Methyldecahydronaphthalene        | 152    | C11H20           | 002958-75-0  | 86   |
| 3         | Naphthalene, decahydro-2-methyl-    | 152    | C11H20           | 002958-76-1  | 86   |
| 4         | trans-4a-Methyl-decahydronaphtha... | 152    | C11H20           | 002547-27-5  | 55   |
| 5         | 1,3,3-Trimethylcyclohex-1-ene-4-... | 152    | C10H16O          | 127128-60-3  | 50   |



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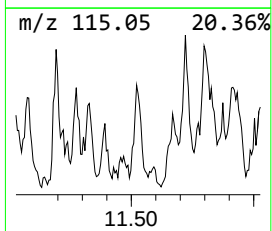
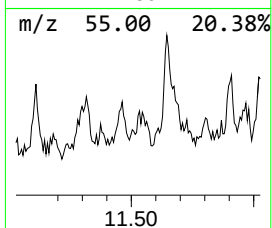
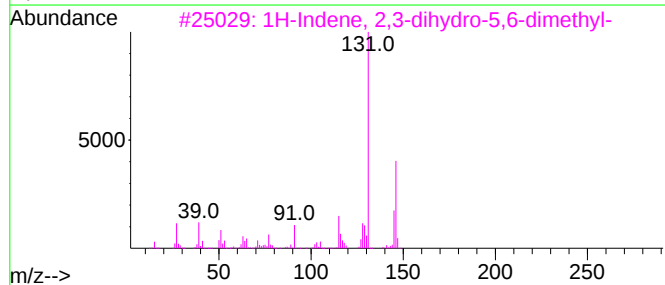
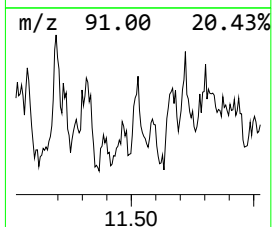
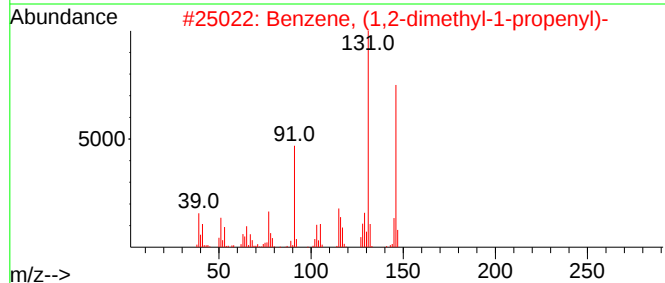
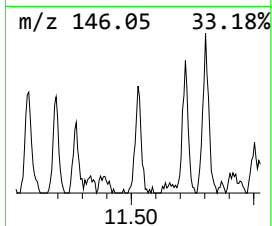
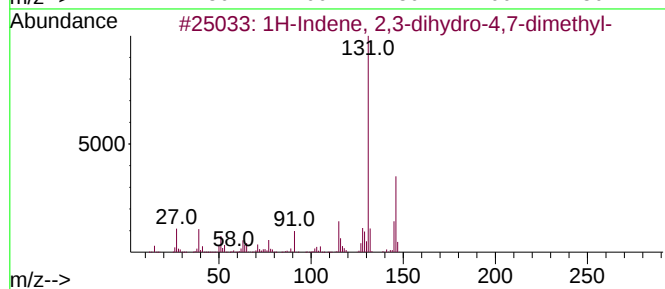
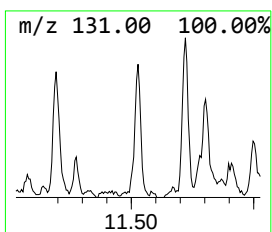
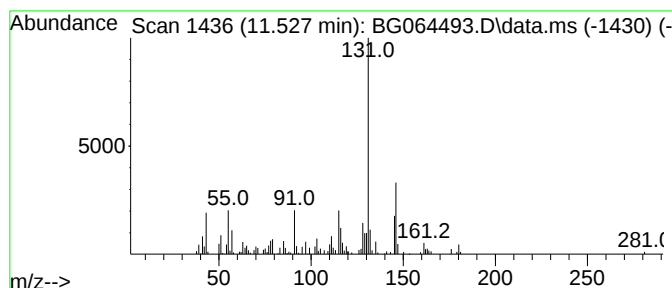
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 11.527    | 10.58 ng                            | 179981 | Naphthalene-d8   | 10.611      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146    | C11H14           | 006682-71-9 | 90   |
| 2         | Benzene, (1,2-dimethyl-1-propenyl)- | 146    | C11H14           | 000769-57-3 | 90   |
| 3         | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146    | C11H14           | 001075-22-5 | 90   |
| 4         | Naphthalene, 1,2,3,4-tetrahydro-... | 146    | C11H14           | 001559-81-5 | 90   |
| 5         | Benzene, (3-methyl-2-butenyl)-      | 146    | C11H14           | 004489-84-3 | 87   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

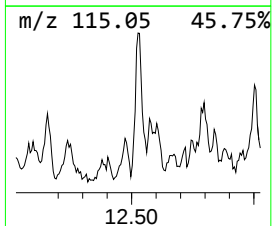
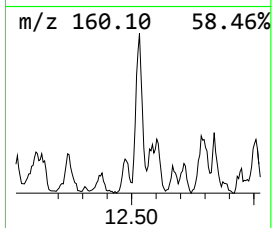
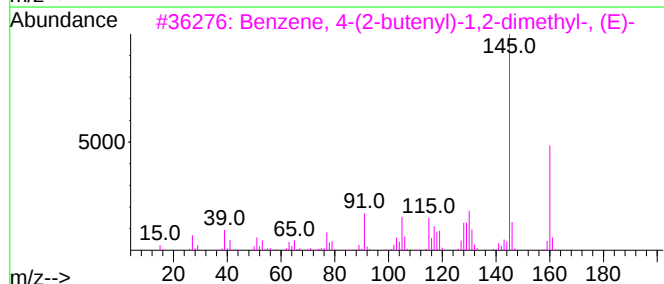
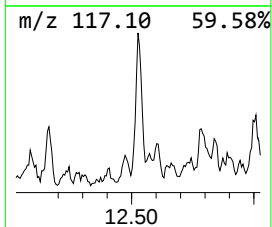
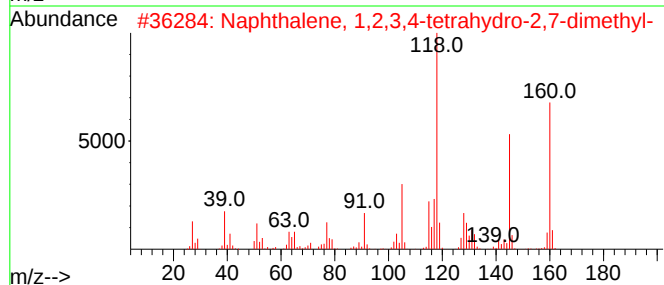
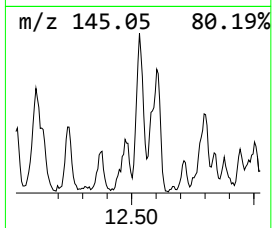
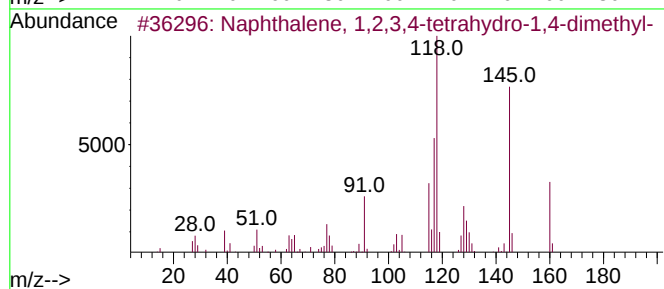
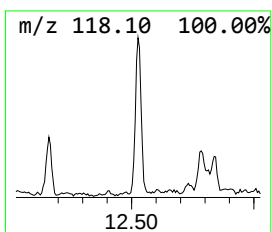
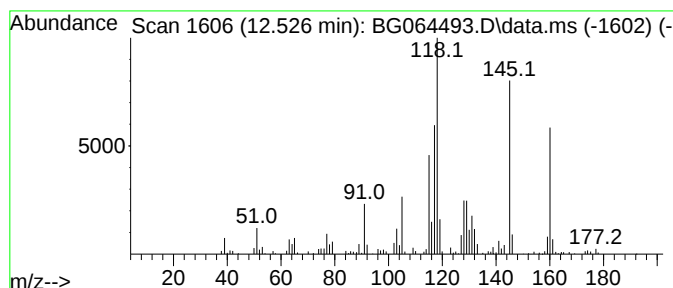
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Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.526 | 15.20 ng | 258535 | Naphthalene-d8   | 10.611 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 95   |
| 2    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 81   |
| 3    |      | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 78   |
| 4    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 76   |
| 5    |      | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
Data File : BG064493.D  
Acq On : 3 Oct 2025 18:59  
Operator : RC/JU  
Sample : Q3273-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW1

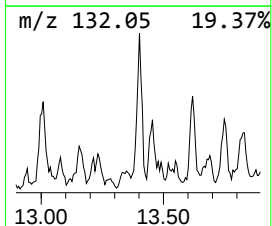
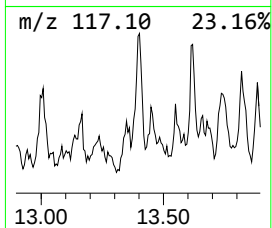
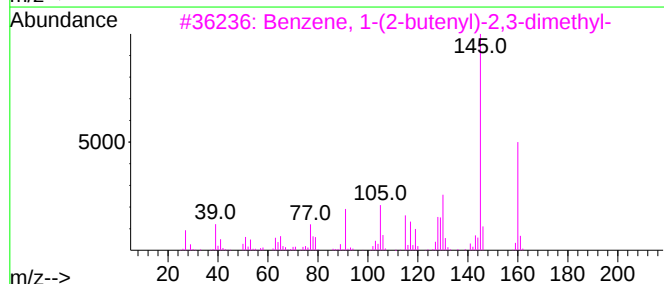
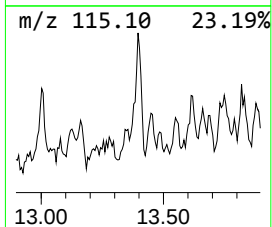
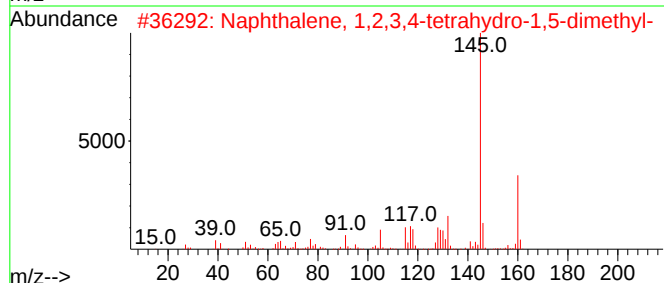
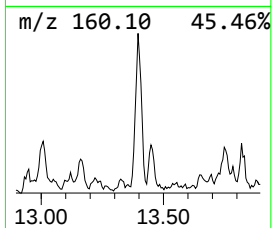
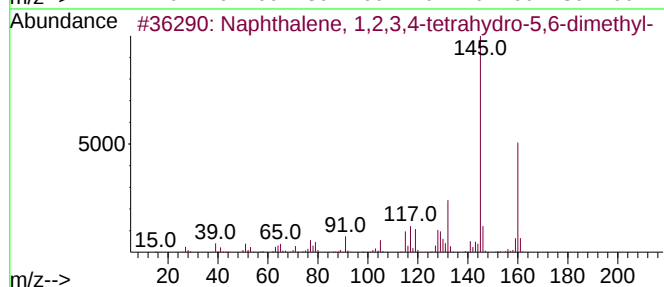
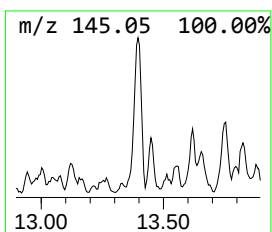
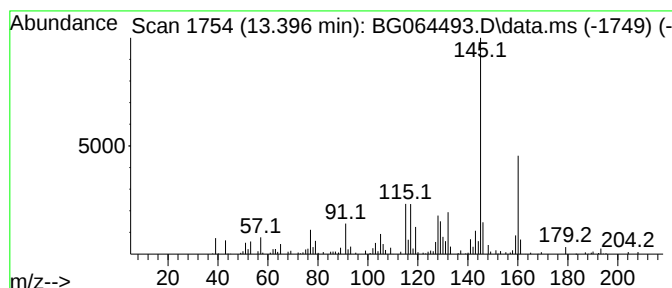
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.396    | 14.06 ng                            | 423809 | Acenaphthene-d10 | 14.459      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 020027-77-4 | 93   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 021564-91-0 | 93   |
| 3         | Benzene, 1-(2-butenyl)-2,3-dimet... | 160    | C12H16           | 054340-85-1 | 89   |
| 4         | Benzene, 1,3,5-trimethyl-2-(1-me... | 160    | C12H16           | 014679-13-1 | 86   |
| 5         | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160    | C12H16           | 002613-76-5 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
Data File : BG064493.D  
Acq On : 3 Oct 2025 18:59  
Operator : RC/JU  
Sample : Q3273-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW1

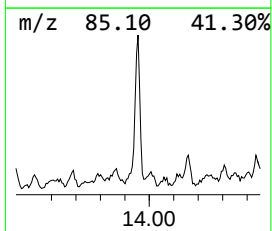
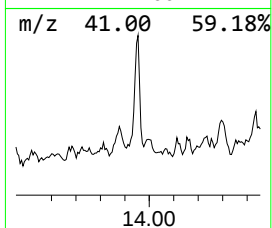
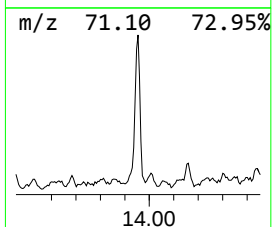
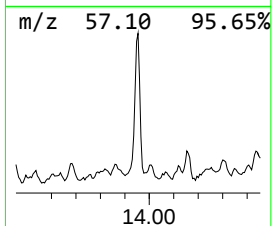
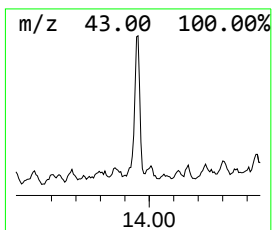
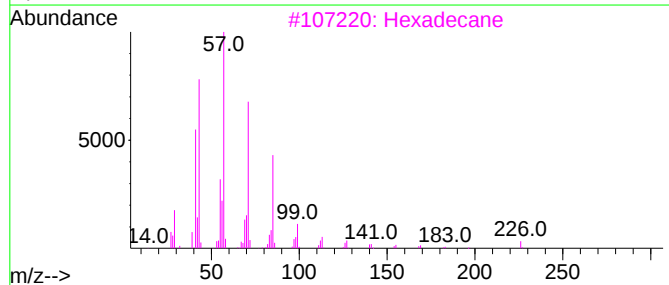
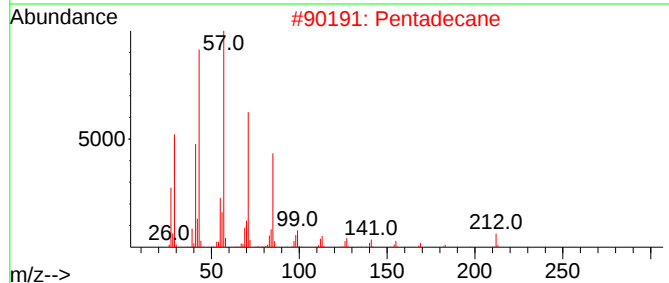
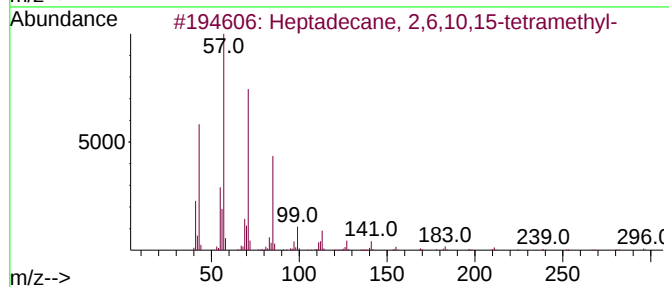
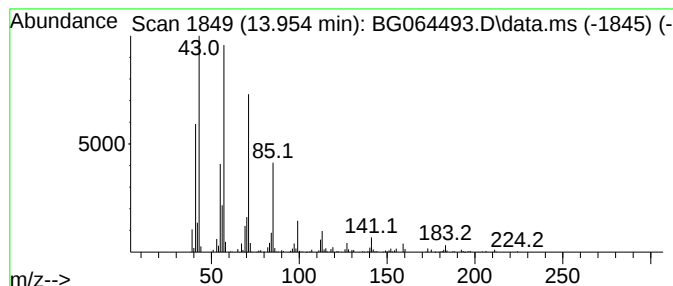
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|---------|-------------|------|
| 13.954    | 21.29 ng                            | 641767 | Acenaphthene-d10 |         | 14.459      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heptadecane, 2,6,10,15-tetramethyl- |        | 296              | C21H44  | 054833-48-6 | 91   |
| 2         | Pentadecane                         |        | 212              | C15H32  | 000629-62-9 | 90   |
| 3         | Hexadecane                          |        | 226              | C16H34  | 000544-76-3 | 87   |
| 4         | Dodecane, 1-iodo-                   |        | 296              | C12H25I | 004292-19-7 | 86   |
| 5         | Dodecane, 2-methyl-6-propyl-        |        | 226              | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
Data File : BG064493.D  
Acq On : 3 Oct 2025 18:59  
Operator : RC/JU  
Sample : Q3273-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
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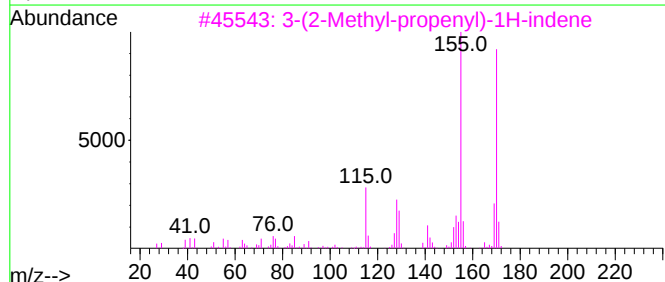
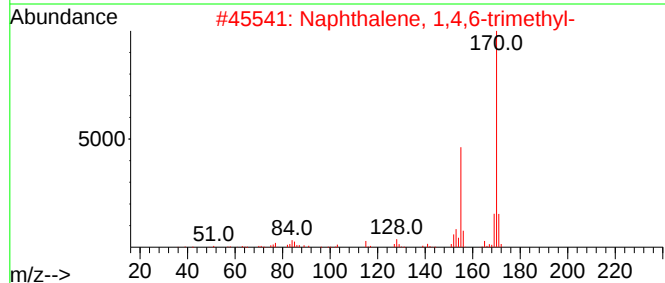
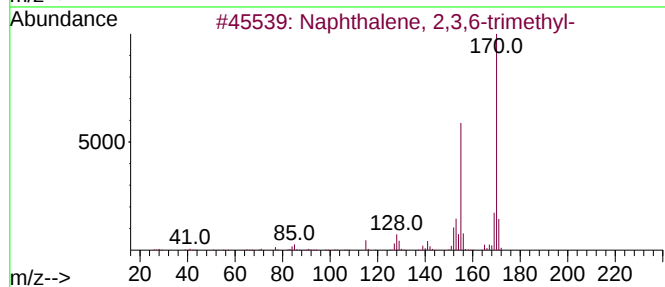
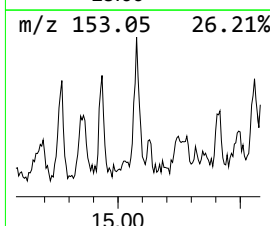
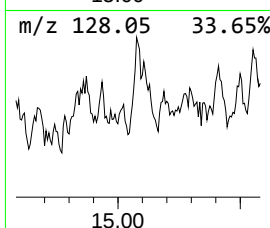
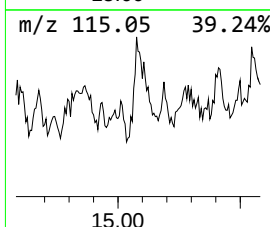
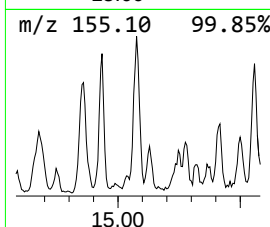
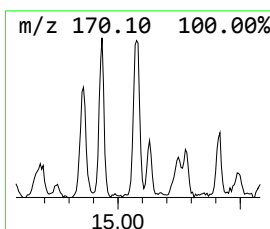
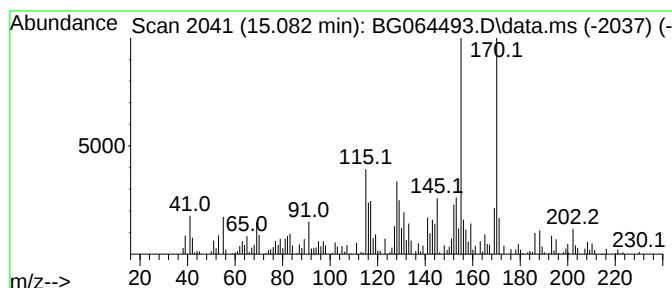
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.082 | 11.06 ng | 333489 | Acenaphthene-d10 | 14.459 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 2,3,6-trimethyl-   | 170 | C13H14  | 000829-26-5  | 95   |
| 2    |    |   | Naphthalene, 1,4,6-trimethyl-   | 170 | C13H14  | 002131-42-2  | 93   |
| 3    |    |   | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14  | 1000187-78-5 | 93   |
| 4    |    |   | Naphthalene, 1,6,7-trimethyl-   | 170 | C13H14  | 002245-38-7  | 93   |
| 5    |    |   | 4,6,8-Trimethylazulene          | 170 | C13H14  | 000941-81-1  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
Data File : BG064493.D  
Acq On : 3 Oct 2025 18:59  
Operator : RC/JU  
Sample : Q3273-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW1

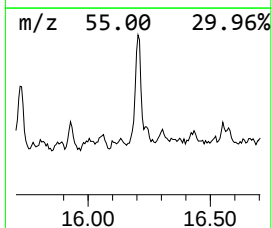
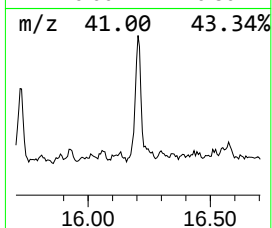
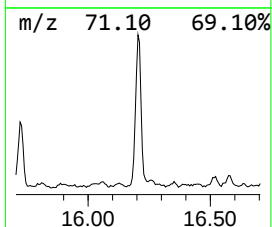
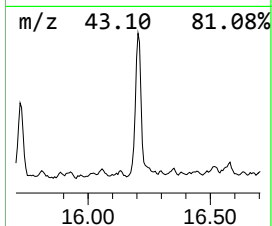
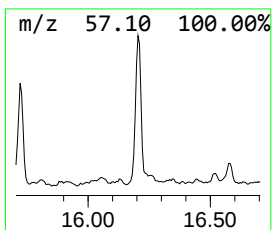
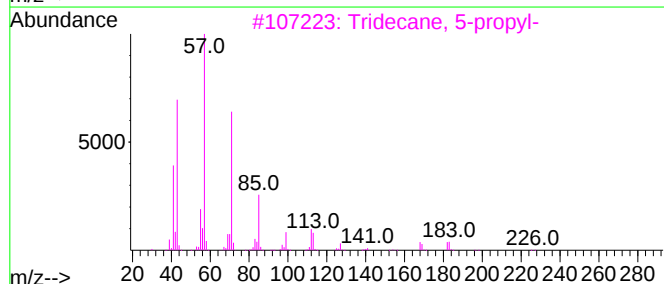
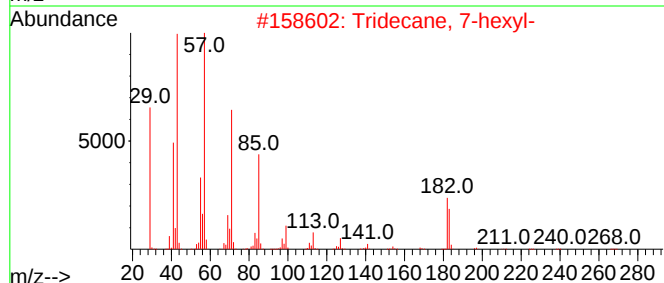
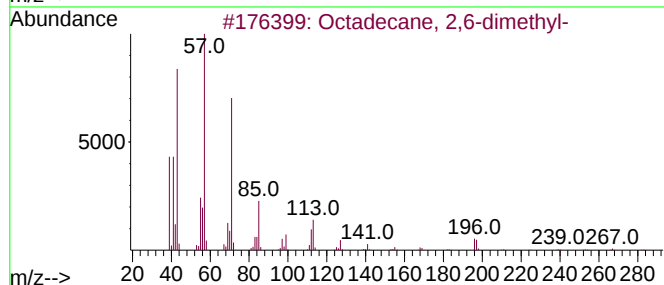
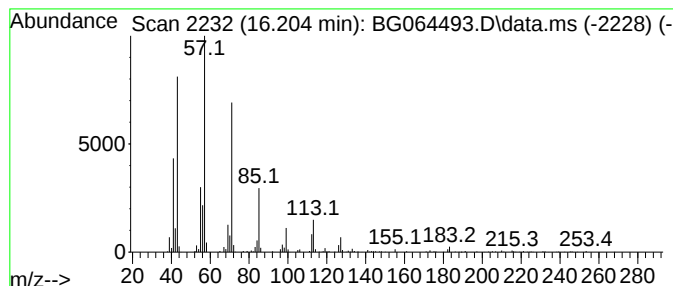
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Octadecane, 2,6-dimethyl- Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 16.204    | 23.32 ng                            | 1899150 | Phenanthrene-d10 | 17.197      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Octadecane, 2,6-dimethyl-           | 282     | C20H42           | 075163-97-2 | 90   |
| 2         | Tridecane, 7-hexyl-                 | 268     | C19H40           | 007225-66-3 | 81   |
| 3         | Tridecane, 5-propyl-                | 226     | C16H34           | 055045-11-9 | 80   |
| 4         | Hexadecane, 2,6,11,15-tetramethyl-  | 282     | C20H42           | 000504-44-9 | 80   |
| 5         | Pentadecane, 2,6,10,14-tetramethyl- | 268     | C19H40           | 001921-70-6 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
Data File : BG064493.D  
Acq On : 3 Oct 2025 18:59  
Operator : RC/JU  
Sample : Q3273-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW1

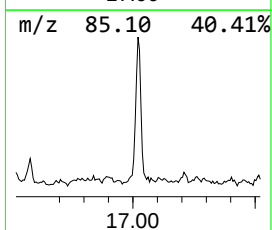
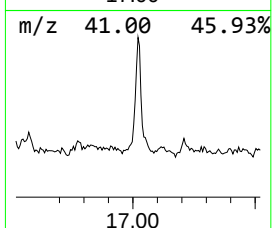
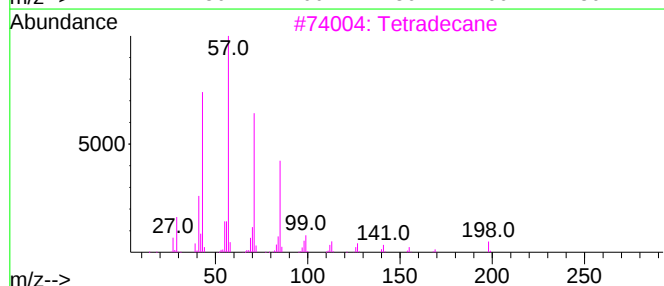
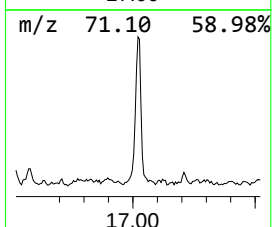
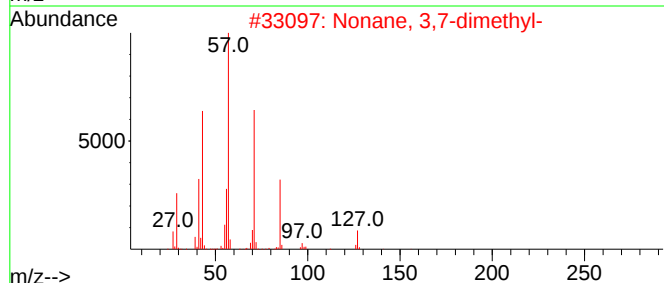
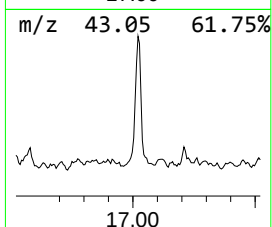
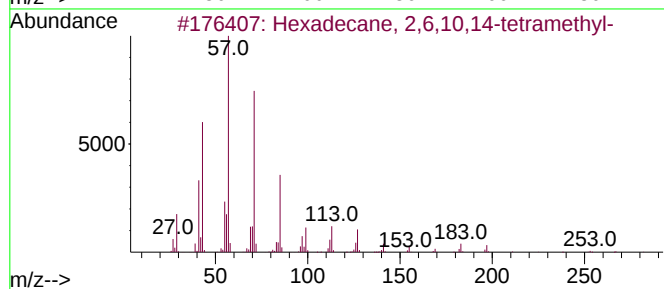
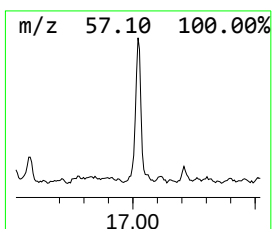
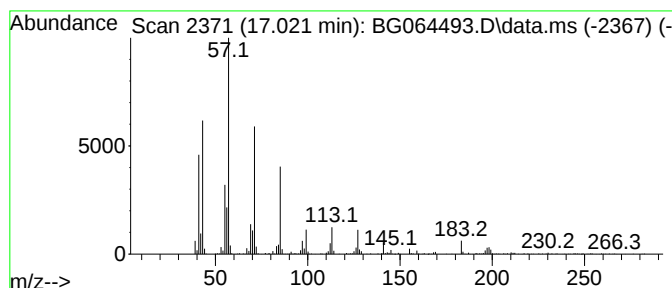
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 17.021    | 20.00 ng                            | 1628580 | Phenanthrene-d10 | 17.197      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl-  | 282     | C20H42           | 000638-36-8 | 96   |
| 2         | Nonane, 3,7-dimethyl-               | 156     | C11H24           | 017302-32-8 | 87   |
| 3         | Tetradecane                         | 198     | C14H30           | 000629-59-4 | 87   |
| 4         | Heptadecane, 2,6,10,15-tetramethyl- | 296     | C21H44           | 054833-48-6 | 86   |
| 5         | Pentadecane, 2,6,10-trimethyl-      | 254     | C18H38           | 003892-00-0 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
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Operator : RC/JU  
Sample : Q3273-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

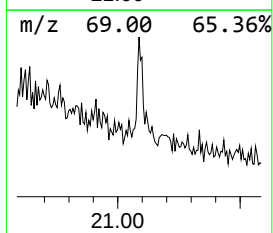
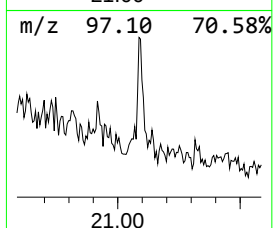
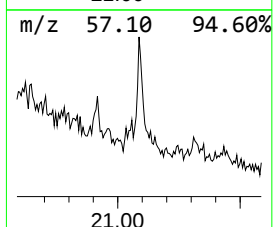
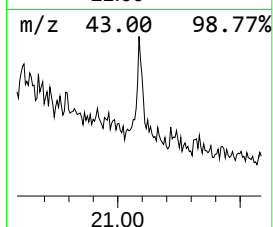
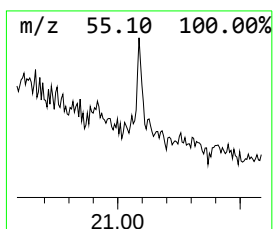
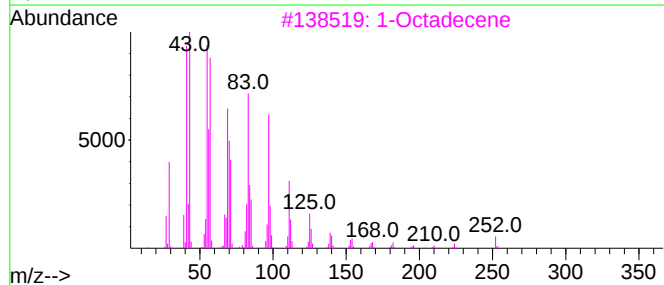
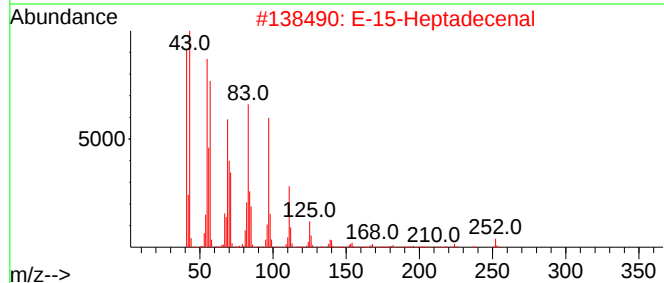
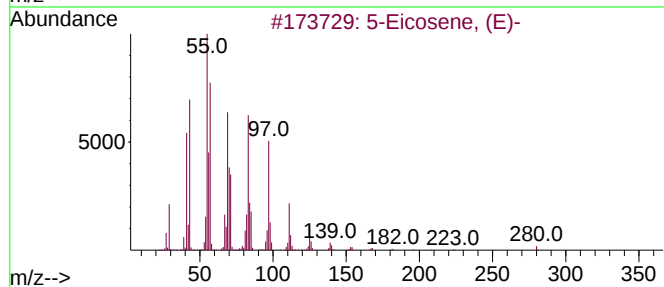
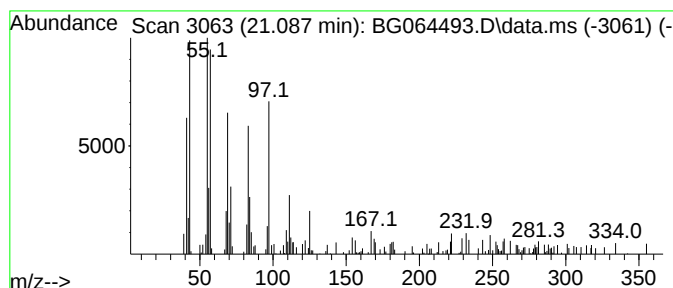
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BNA\_G  
ClientSampleId :  
MW1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 5-Eicosene, (E)- Concentration Rank 20

| R.T.      | EstConc                        | Area   | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------|--------|------------------|--------------|------|
| 21.087    | 7.32 ng                        | 148237 | Chrysene-d12     | 21.416       |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm          | CAS#         | Qual |
| 1         | 5-Eicosene, (E)-               | 280    | C20H40           | 074685-30-6  | 86   |
| 2         | E-15-Heptadecenal              | 252    | C17H32O          | 1000130-97-9 | 76   |
| 3         | 1-Octadecene                   | 252    | C18H36           | 000112-88-9  | 76   |
| 4         | Heptadecyl heptafluorobutyrate | 452    | C21H35F7O2       | 959085-66-6  | 74   |
| 5         | 1-Nonadecene                   | 266    | C19H38           | 018435-45-5  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100325\  
Data File : BG064493.D  
Acq On : 3 Oct 2025 18:59  
Operator : RC/JU  
Sample : Q3273-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.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 |
| Decalin, syn-1-... | 9.806  | 9.3     | ng    | 157941   | 2                     | 10.611 | 340070  | 20.0 |
| 1H-Indene, 2,3-... | 11.527 | 10.6    | ng    | 179981   | 2                     | 10.611 | 340070  | 20.0 |
| Naphthalene, 1,... | 12.526 | 15.2    | ng    | 258535   | 2                     | 10.611 | 340070  | 20.0 |
| Naphthalene, 1,... | 13.396 | 14.1    | ng    | 423809   | 3                     | 14.459 | 602951  | 20.0 |
| Heptadecane, 2,... | 13.954 | 21.3    | ng    | 641767   | 3                     | 14.459 | 602951  | 20.0 |
| Naphthalene, 2,... | 15.082 | 11.1    | ng    | 333489   | 3                     | 14.459 | 602951  | 20.0 |
| Octadecane, 2,6... | 16.204 | 23.3    | ng    | 1899150  | 4                     | 17.197 | 1628580 | 20.0 |
| Hexadecane, 2,6... | 17.021 | 20.0    | ng    | 1628580  | 4                     | 17.197 | 1628580 | 20.0 |
| 5-Eicosene, (E)-   | 21.087 | 7.3     | ng    | 148237   | 5                     | 21.416 | 405107  | 20.0 |