

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
 Data File : BM034374.D  
 Acq On : 24 Mar 2022 22:17  
 Operator : CG/JU  
 Sample : N2077-11 10X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-14A-3-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034374.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         | 5.113       | 314           | 319         | 324          | rBV      | 88225          | 127764        | 2.60%           | 0.236%        |
| 2         | 5.496       | 378           | 384         | 391          | rBV2     | 231654         | 394824        | 8.02%           | 0.730%        |
| 3         | 5.801       | 429           | 436         | 440          | rBV3     | 61512          | 116418        | 2.36%           | 0.215%        |
| 4         | 5.884       | 444           | 450         | 454          | rVV2     | 105471         | 186722        | 3.79%           | 0.345%        |
| 5         | 5.943       | 454           | 460         | 468          | rVB3     | 103539         | 201981        | 4.10%           | 0.373%        |
| 6         | 6.207       | 497           | 505         | 512          | rBV5     | 138566         | 344065        | 6.99%           | 0.636%        |
| 7         | 6.325       | 518           | 525         | 531          | rVB3     | 65864          | 145841        | 2.96%           | 0.269%        |
| 8         | 6.419       | 535           | 541         | 549          | rBV5     | 116262         | 277891        | 5.64%           | 0.513%        |
| 9         | 6.490       | 549           | 553         | 558          | rBV      | 198911         | 287517        | 5.84%           | 0.531%        |
| 10        | 6.572       | 558           | 567         | 570          | rVV3     | 192505         | 405397        | 8.23%           | 0.749%        |
| 11        | 6.607       | 570           | 573         | 580          | rVB      | 142601         | 212520        | 4.32%           | 0.393%        |
| 12        | 6.754       | 592           | 598         | 604          | rVB2     | 71919          | 129478        | 2.63%           | 0.239%        |
| 13        | 6.837       | 604           | 612         | 618          | rBV3     | 97860          | 245689        | 4.99%           | 0.454%        |
| 14        | 6.931       | 624           | 628         | 633          | rVB3     | 120635         | 186370        | 3.79%           | 0.344%        |
| 15        | 7.095       | 649           | 656         | 665          | rVV2     | 256501         | 652779        | 13.26%          | 1.206%        |
| 16        | 7.266       | 680           | 685         | 690          | rVB3     | 57589          | 114531        | 2.33%           | 0.212%        |
| 17        | 7.325       | 690           | 695         | 699          | rBV2     | 120713         | 187127        | 3.80%           | 0.346%        |
| 18        | 7.425       | 709           | 712         | 722          | rVB2     | 107809         | 196034        | 3.98%           | 0.362%        |
| 19        | 7.501       | 722           | 725         | 733          | rVB5     | 65904          | 123063        | 2.50%           | 0.227%        |
| 20        | 7.584       | 733           | 739         | 744          | rBV2     | 134200         | 249483        | 5.07%           | 0.461%        |
| 21        | 7.760       | 764           | 769         | 778          | rBV6     | 44635          | 117704        | 2.39%           | 0.217%        |
| 22        | 7.872       | 778           | 788         | 791          | rBV5     | 81279          | 241058        | 4.90%           | 0.445%        |
| 23        | 7.937       | 791           | 799         | 805          | rVB2     | 834125         | 1515245       | 30.78%          | 2.800%        |
| 24        | 8.060       | 816           | 820         | 827          | rVB3     | 85350          | 152789        | 3.10%           | 0.282%        |
| 25        | 8.137       | 828           | 833         | 837          | rVB2     | 112975         | 167206        | 3.40%           | 0.309%        |
| 26        | 8.231       | 841           | 849         | 857          | rVV4     | 172310         | 393487        | 7.99%           | 0.727%        |
| 27        | 8.301       | 857           | 861         | 868          | rVB5     | 65155          | 136100        | 2.76%           | 0.251%        |
| 28        | 8.778       | 939           | 942         | 946          | rVB      | 86302          | 111116        | 2.26%           | 0.205%        |
| 29        | 8.948       | 967           | 971         | 979          | rVB2     | 62692          | 121677        | 2.47%           | 0.225%        |
| 30        | 9.054       | 979           | 989         | 993          | rBV4     | 208082         | 504811        | 10.25%          | 0.933%        |
| 31        | 9.178       | 1008          | 1010        | 1015         | rVB      | 129153         | 167775        | 3.41%           | 0.310%        |
| 32        | 9.272       | 1021          | 1026        | 1027         | rBV2     | 91600          | 131763        | 2.68%           | 0.243%        |
| 33        | 9.307       | 1028          | 1032        | 1038         | rVB5     | 150846         | 318250        | 6.46%           | 0.588%        |
| 34        | 9.389       | 1038          | 1046        | 1048         | rBV6     | 64271          | 130446        | 2.65%           | 0.241%        |
| 35        | 9.437       | 1048          | 1054        | 1061         | rVB5     | 82150          | 223852        | 4.55%           | 0.414%        |
| 36        | 9.601       | 1075          | 1082        | 1085         | rBV2     | 84906          | 167583        | 3.40%           | 0.310%        |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-14A-3-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 9.672  | 1091 | 1094 | 1100 | rVB2 | 104142 | 157832  | 3.21%  | 0.292% |
| 38 | 9.836  | 1113 | 1122 | 1125 | rBV5 | 88036  | 198933  | 4.04%  | 0.368% |
| 39 | 9.884  | 1125 | 1130 | 1134 | rVB2 | 136018 | 214307  | 4.35%  | 0.396% |
| 40 | 9.936  | 1134 | 1139 | 1147 | rVB4 | 162727 | 290134  | 5.89%  | 0.536% |
| 41 | 10.013 | 1147 | 1152 | 1153 | rBV2 | 74675  | 108041  | 2.19%  | 0.200% |
| 42 | 10.101 | 1160 | 1167 | 1171 | rBV3 | 90271  | 156211  | 3.17%  | 0.289% |
| 43 | 10.154 | 1171 | 1176 | 1180 | rBV3 | 145094 | 267203  | 5.43%  | 0.494% |
| 44 | 10.289 | 1195 | 1199 | 1203 | rBV2 | 63718  | 109134  | 2.22%  | 0.202% |
| 45 | 10.336 | 1204 | 1207 | 1214 | rVB6 | 58596  | 110392  | 2.24%  | 0.204% |
| 46 | 10.454 | 1223 | 1227 | 1231 | rBV  | 63859  | 108310  | 2.20%  | 0.200% |
| 47 | 10.625 | 1251 | 1256 | 1258 | rBV3 | 81243  | 141103  | 2.87%  | 0.261% |
| 48 | 10.654 | 1259 | 1261 | 1266 | rVV2 | 75924  | 116909  | 2.37%  | 0.216% |
| 49 | 10.748 | 1267 | 1277 | 1283 | rVV  | 952894 | 2031414 | 41.26% | 3.754% |
| 50 | 10.872 | 1294 | 1298 | 1302 | rBV3 | 108114 | 179744  | 3.65%  | 0.332% |
| 51 | 10.925 | 1302 | 1307 | 1312 | rVB  | 326382 | 487334  | 9.90%  | 0.901% |
| 52 | 10.978 | 1312 | 1316 | 1325 | rBV5 | 81226  | 164303  | 3.34%  | 0.304% |
| 53 | 11.254 | 1359 | 1363 | 1368 | rVB4 | 81374  | 124234  | 2.52%  | 0.230% |
| 54 | 11.466 | 1394 | 1399 | 1406 | rVV3 | 236793 | 494685  | 10.05% | 0.914% |
| 55 | 11.530 | 1406 | 1410 | 1416 | rVB4 | 96599  | 171548  | 3.48%  | 0.317% |
| 56 | 11.601 | 1417 | 1422 | 1427 | rVB4 | 132002 | 202043  | 4.10%  | 0.373% |
| 57 | 11.678 | 1429 | 1435 | 1441 | rVB5 | 189021 | 368503  | 7.49%  | 0.681% |
| 58 | 11.789 | 1448 | 1454 | 1458 | rBV  | 395813 | 680349  | 13.82% | 1.257% |
| 59 | 11.860 | 1463 | 1466 | 1473 | rVB5 | 139260 | 259371  | 5.27%  | 0.479% |
| 60 | 11.948 | 1477 | 1481 | 1489 | rBV4 | 86136  | 175736  | 3.57%  | 0.325% |
| 61 | 12.048 | 1494 | 1498 | 1502 | rBV3 | 90952  | 129140  | 2.62%  | 0.239% |
| 62 | 12.178 | 1516 | 1520 | 1527 | rBV5 | 147494 | 285200  | 5.79%  | 0.527% |
| 63 | 12.401 | 1556 | 1558 | 1567 | rVB3 | 256482 | 393484  | 7.99%  | 0.727% |
| 64 | 12.495 | 1570 | 1574 | 1579 | rBV5 | 72405  | 139652  | 2.84%  | 0.258% |
| 65 | 12.630 | 1591 | 1597 | 1601 | rBV2 | 241241 | 464084  | 9.43%  | 0.858% |
| 66 | 12.807 | 1624 | 1627 | 1631 | rBV3 | 109676 | 140786  | 2.86%  | 0.260% |
| 67 | 12.872 | 1631 | 1638 | 1643 | rVV4 | 201459 | 423237  | 8.60%  | 0.782% |
| 68 | 12.989 | 1655 | 1658 | 1662 | rBV  | 121074 | 172651  | 3.51%  | 0.319% |
| 69 | 13.077 | 1669 | 1673 | 1677 | rBV3 | 143690 | 282707  | 5.74%  | 0.522% |
| 70 | 13.130 | 1678 | 1682 | 1687 | rVB  | 580896 | 822252  | 16.70% | 1.519% |
| 71 | 13.207 | 1690 | 1695 | 1699 | rVB  | 288002 | 462671  | 9.40%  | 0.855% |
| 72 | 13.407 | 1721 | 1729 | 1732 | rBV7 | 207483 | 562282  | 11.42% | 1.039% |
| 73 | 13.513 | 1743 | 1747 | 1755 | rVB5 | 175027 | 323702  | 6.58%  | 0.598% |
| 74 | 13.760 | 1782 | 1789 | 1793 | rBV3 | 207599 | 513937  | 10.44% | 0.950% |
| 75 | 13.860 | 1802 | 1806 | 1808 | rBV4 | 126862 | 185384  | 3.77%  | 0.343% |
| 76 | 13.907 | 1809 | 1814 | 1818 | rVV  | 402161 | 776855  | 15.78% | 1.435% |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-14A-3-2

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 13.954 | 1819 | 1822 | 1829 | rVV4 | 373714  | 777894  | 15.80%  | 1.437% |
| 78  | 14.013 | 1829 | 1832 | 1835 | rVV  | 268844  | 366031  | 7.44%   | 0.676% |
| 79  | 14.072 | 1838 | 1842 | 1846 | rVB  | 913097  | 1192773 | 24.23%  | 2.204% |
| 80  | 14.136 | 1846 | 1853 | 1856 | rBV4 | 292132  | 642094  | 13.04%  | 1.186% |
| 81  | 14.283 | 1875 | 1878 | 1880 | rBV3 | 133994  | 195790  | 3.98%   | 0.362% |
| 82  | 14.419 | 1897 | 1901 | 1907 | rVB2 | 490725  | 795573  | 16.16%  | 1.470% |
| 83  | 14.483 | 1908 | 1912 | 1918 | rBV3 | 265451  | 592265  | 12.03%  | 1.094% |
| 84  | 14.583 | 1920 | 1929 | 1932 | rBV2 | 1293599 | 2754658 | 55.96%  | 5.090% |
| 85  | 14.983 | 1994 | 1997 | 2003 | rVB2 | 538497  | 795713  | 16.16%  | 1.470% |
| 86  | 15.054 | 2003 | 2009 | 2014 | rVV2 | 370953  | 790528  | 16.06%  | 1.461% |
| 87  | 15.107 | 2014 | 2018 | 2025 | rVB4 | 710521  | 1112886 | 22.61%  | 2.056% |
| 88  | 15.201 | 2030 | 2034 | 2038 | rVV2 | 395614  | 680604  | 13.83%  | 1.258% |
| 89  | 15.248 | 2039 | 2042 | 2046 | rVB2 | 376396  | 511003  | 10.38%  | 0.944% |
| 90  | 15.371 | 2060 | 2063 | 2066 | rBV3 | 308787  | 366795  | 7.45%   | 0.678% |
| 91  | 15.477 | 2078 | 2081 | 2086 | rBV4 | 206770  | 341499  | 6.94%   | 0.631% |
| 92  | 15.618 | 2101 | 2105 | 2109 | rBV3 | 488813  | 773667  | 15.72%  | 1.430% |
| 93  | 15.842 | 2138 | 2143 | 2149 | rVB  | 1503669 | 2207585 | 44.84%  | 4.079% |
| 94  | 16.001 | 2166 | 2170 | 2174 | rBV4 | 407201  | 734468  | 14.92%  | 1.357% |
| 95  | 16.048 | 2174 | 2178 | 2188 | rVB5 | 696006  | 1432212 | 29.09%  | 2.646% |
| 96  | 16.318 | 2217 | 2224 | 2229 | rBV  | 2888382 | 4922854 | 100.00% | 9.097% |
| 97  | 16.901 | 2320 | 2323 | 2326 | rVB2 | 713015  | 800817  | 16.27%  | 1.480% |
| 98  | 17.142 | 2360 | 2364 | 2374 | rVB  | 2649005 | 4407912 | 89.54%  | 8.145% |
| 99  | 17.324 | 2391 | 2395 | 2399 | rBV2 | 1541875 | 2429240 | 49.35%  | 4.489% |
| 100 | 17.748 | 2463 | 2467 | 2473 | rBV  | 1186095 | 1710587 | 34.75%  | 3.161% |

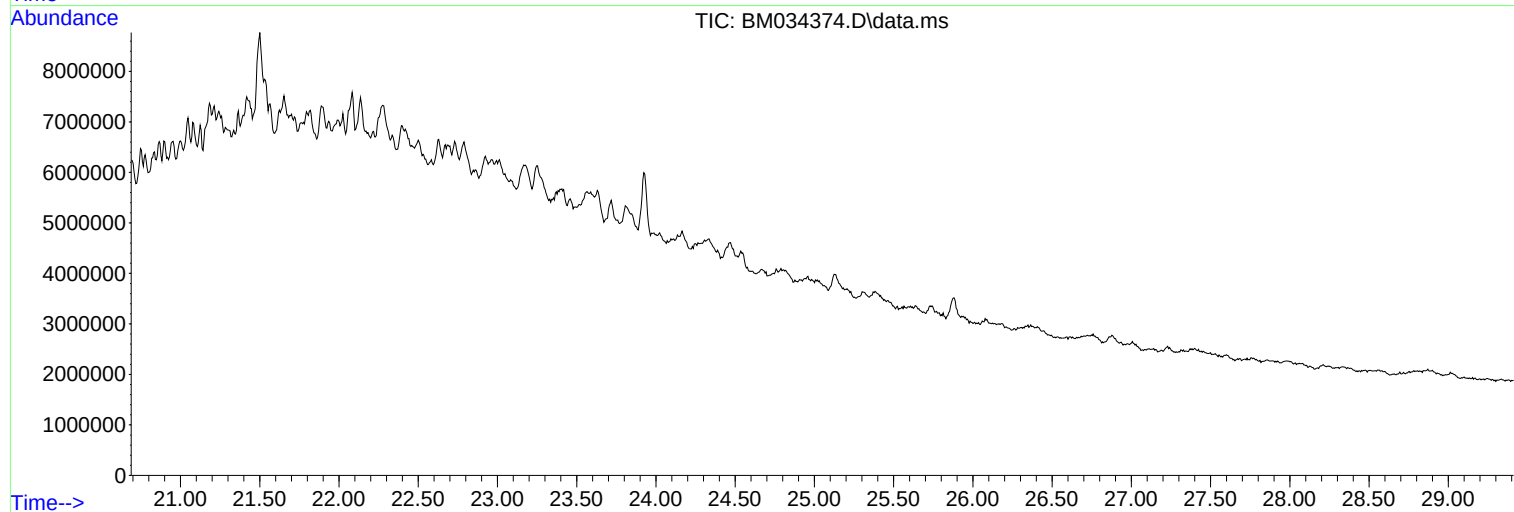
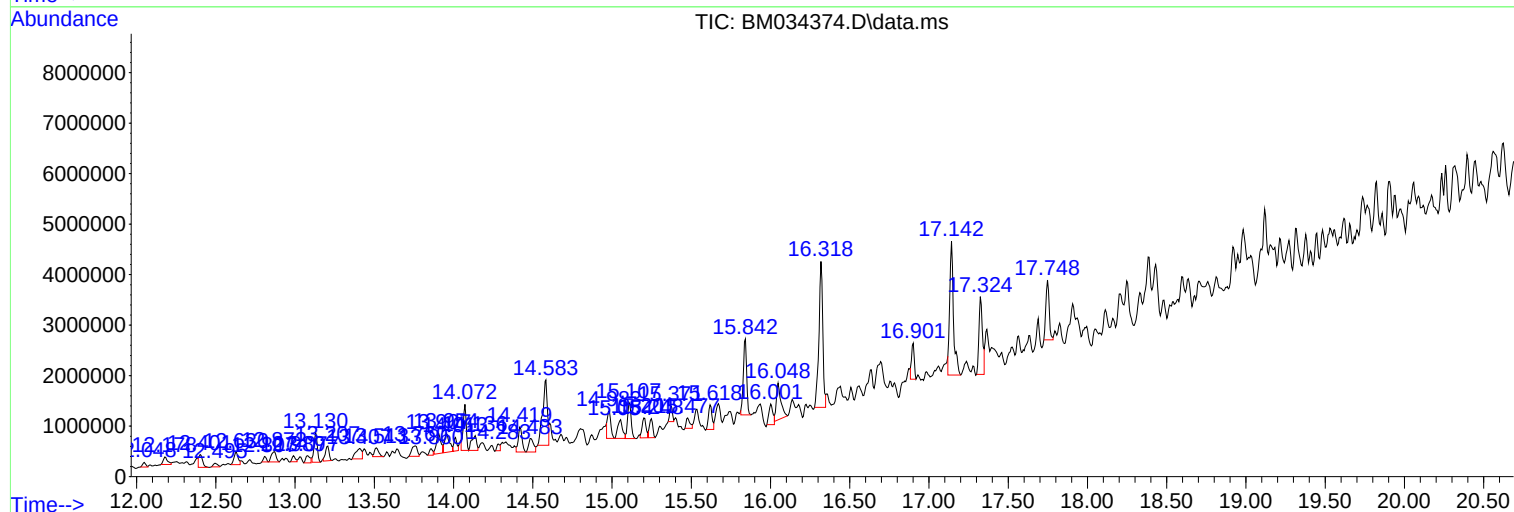
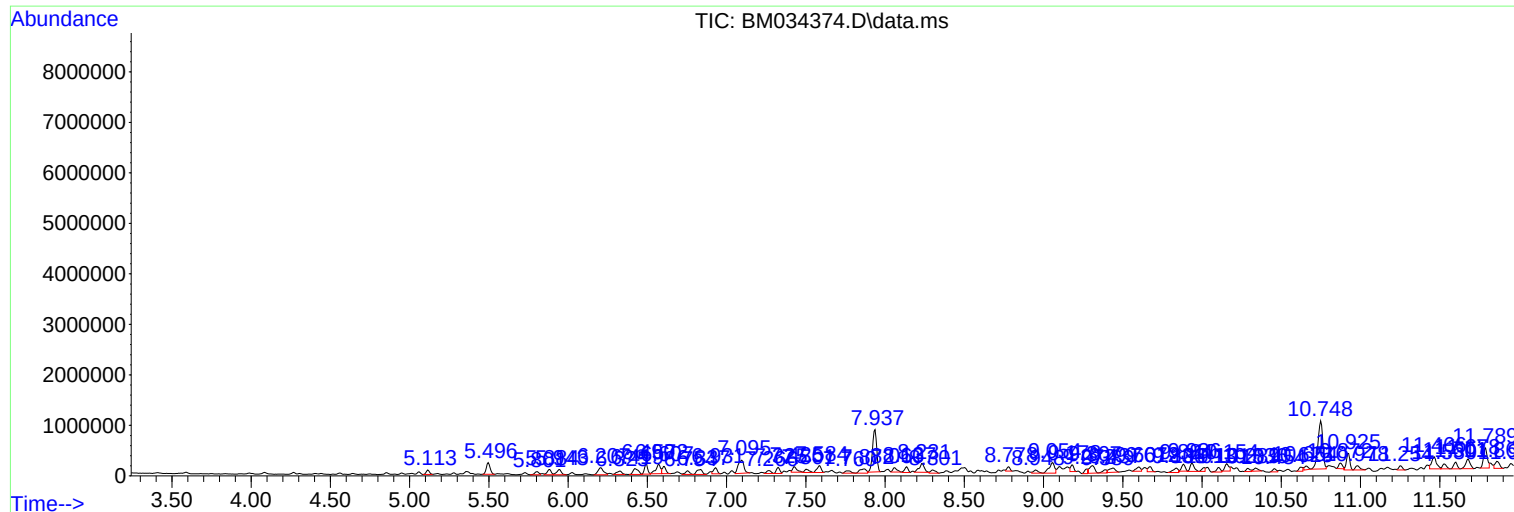
Sum of corrected areas: 54117601

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

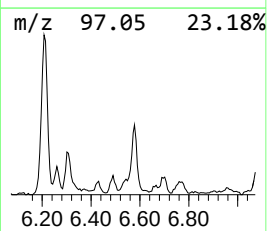
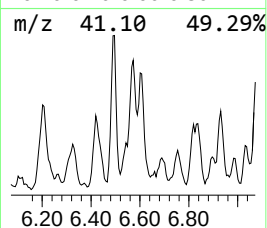
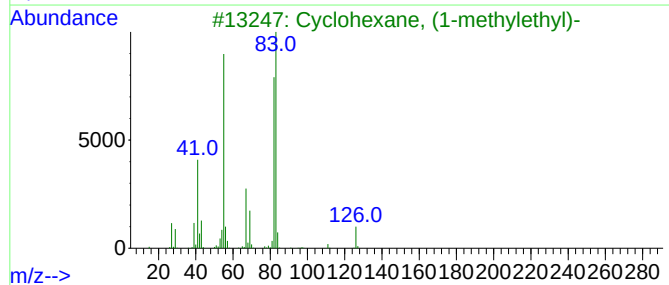
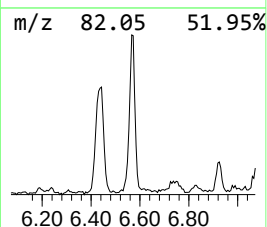
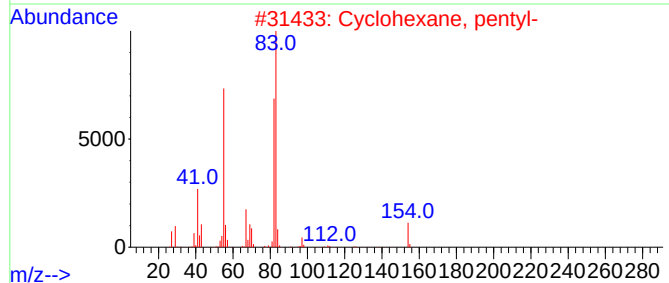
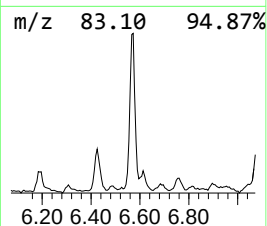
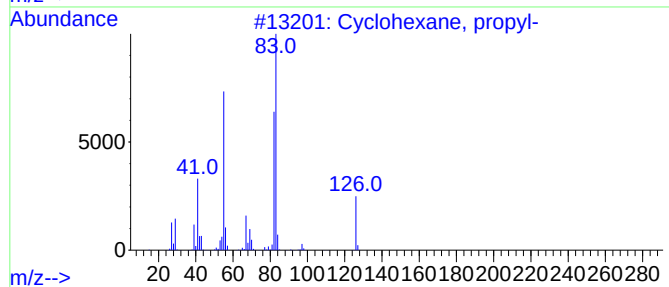
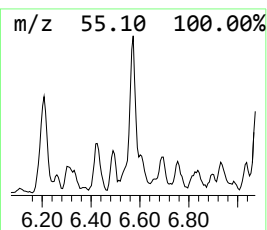
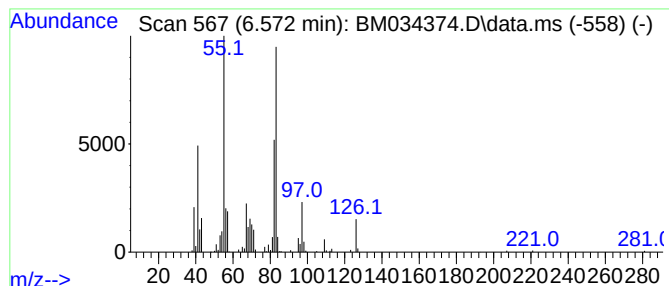
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclohexane, propyl- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.572 | 5.35 ng | 405397 | 1,4-Dichlorobenzene-d4 | 7.937 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclohexane, propyl-                | 126 | C9H18    | 001678-92-8  | 72   |
| 2    |    |   | Cyclohexane, pentyl-                | 154 | C11H22   | 004292-92-6  | 59   |
| 3    |    |   | Cyclohexane, (1-methylethyl)-       | 126 | C9H18    | 000696-29-7  | 53   |
| 4    |    |   | 1-Butene, 2,3,3-trimethyl-          | 98  | C7H14    | 000594-56-9  | 46   |
| 5    |    |   | Cyclobutanecarboxylic acid, 4-tr... | 282 | C18H34O2 | 1000280-57-7 | 43   |



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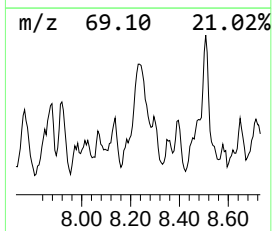
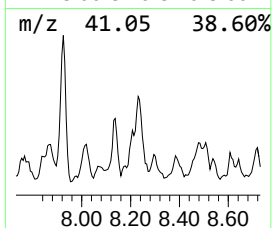
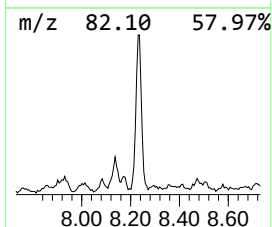
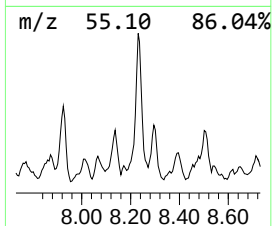
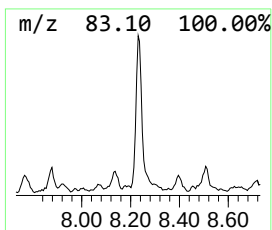
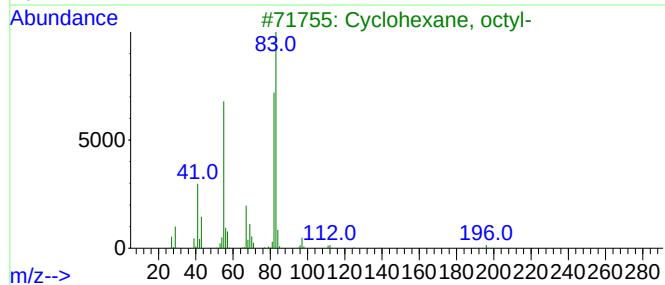
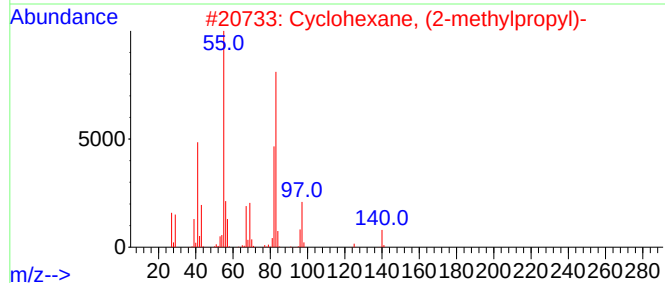
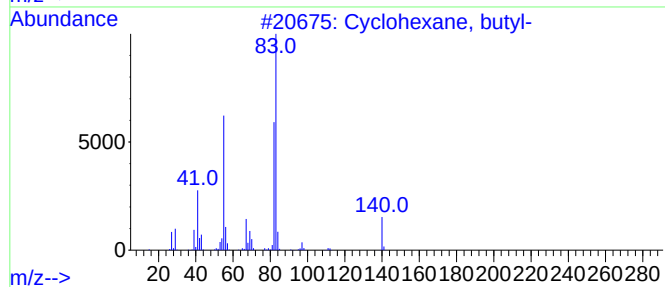
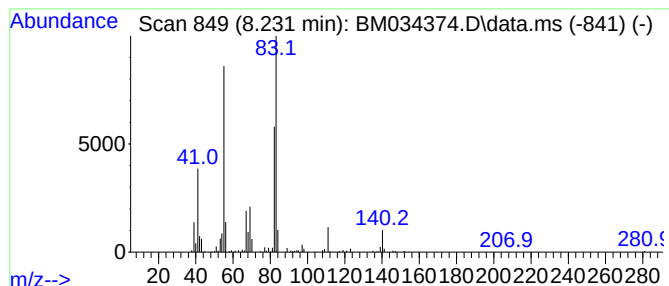
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Cyclohexane, butyl- Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.231 | 5.19 ng | 393487 | 1,4-Dichlorobenzene-d4 | 7.937 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-             | 140 | C10H20  | 001678-93-9 | 90   |
| 2    |    |   | Cyclohexane, (2-methylpropyl)-  | 140 | C10H20  | 001678-98-4 | 80   |
| 3    |    |   | Cyclohexane, octyl-             | 196 | C14H28  | 001795-15-9 | 72   |
| 4    |    |   | Cyclohexane, hexyl-             | 168 | C12H24  | 004292-75-5 | 72   |
| 5    |    |   | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16   | 016747-50-5 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

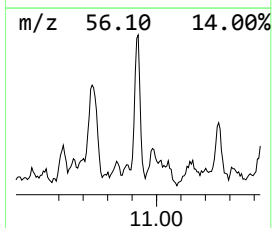
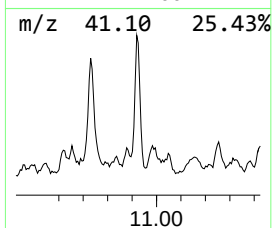
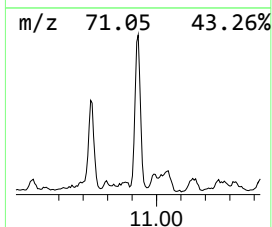
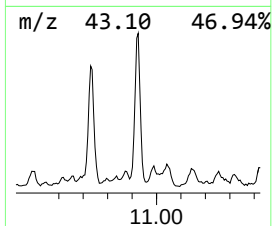
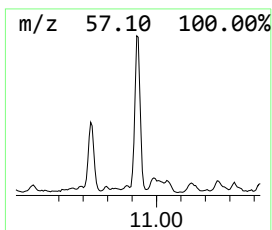
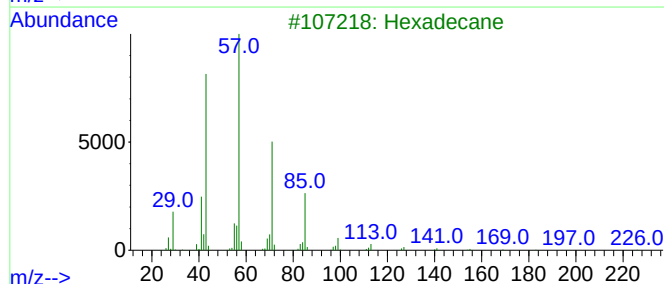
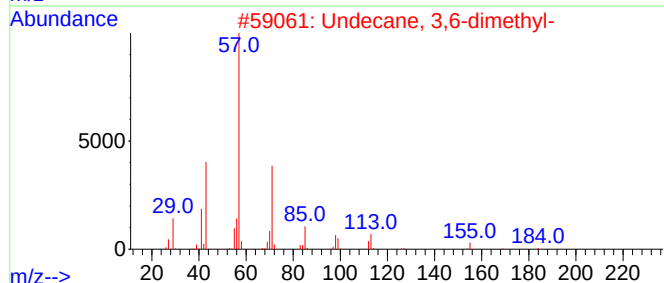
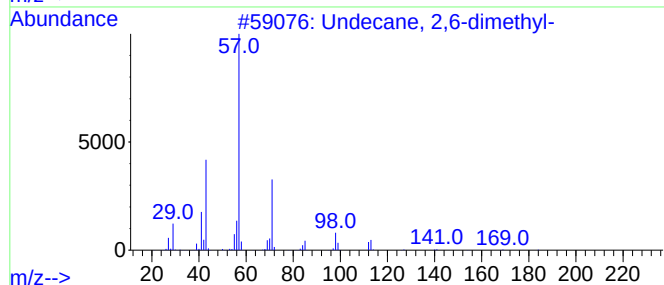
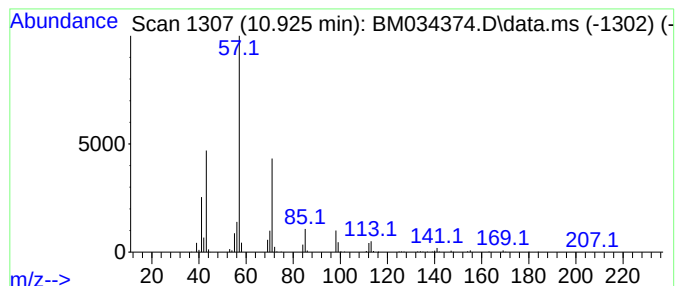
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 20

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.925 | 4.80 ng | 487334 | Naphthalene-d8   | 10.748 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 94   |
| 2    |    |   | Undecane, 3,6-dimethyl-             | 184 | C13H28    | 017301-28-9  | 83   |
| 3    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 72   |
| 4    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 72   |
| 5    |    |   | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

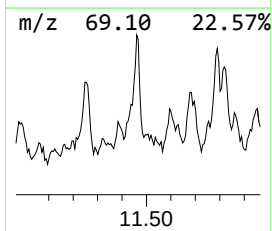
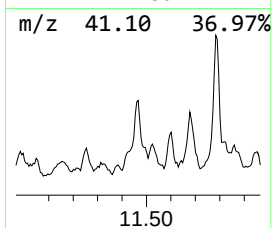
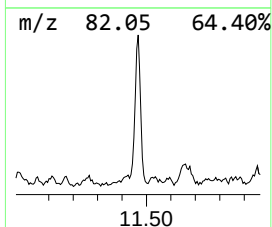
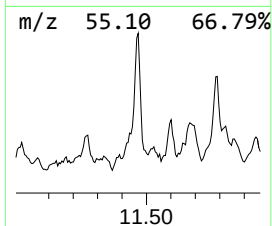
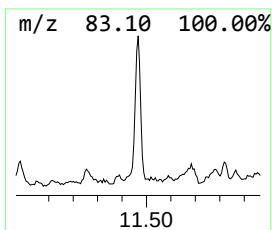
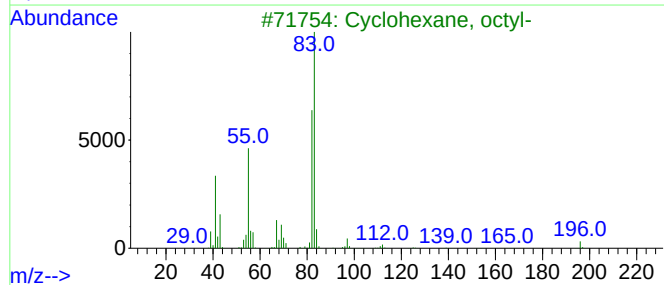
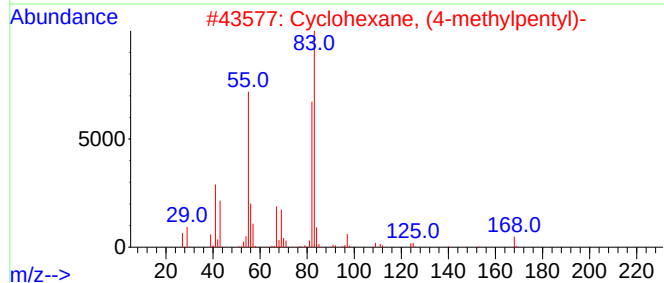
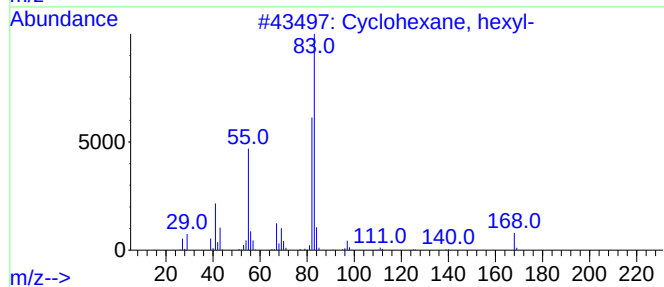
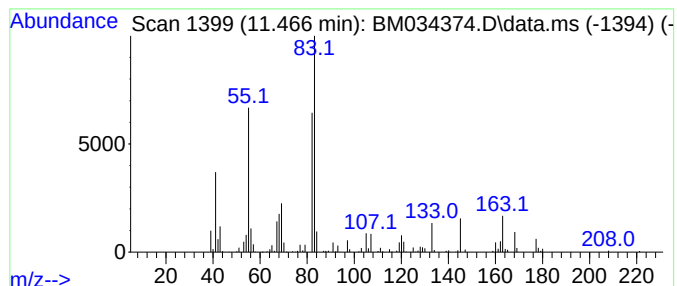
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Cyclohexane, hexyl- Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.466 | 4.87 ng | 494685 | Naphthalene-d8   | 10.748 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, hexyl-            | 168 | C12H24  | 004292-75-5 | 76   |
| 2    |    |   | Cyclohexane, (4-methylpentyl)- | 168 | C12H24  | 061142-20-9 | 68   |
| 3    |    |   | Cyclohexane, octyl-            | 196 | C14H28  | 001795-15-9 | 53   |
| 4    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 53   |
| 5    |    |   | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 53   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

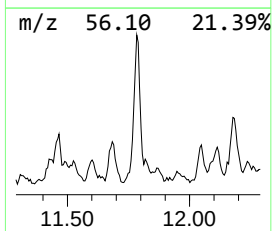
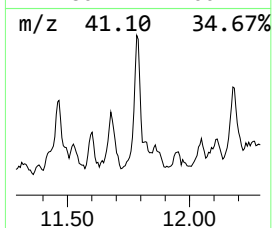
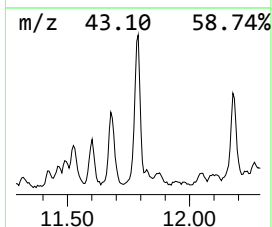
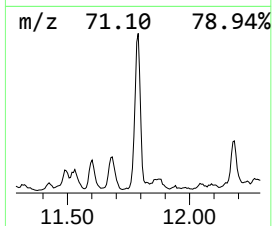
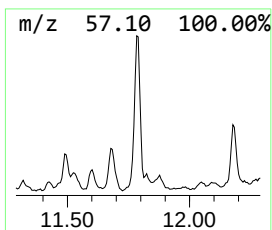
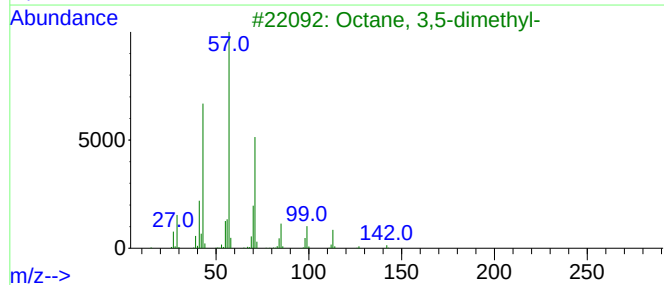
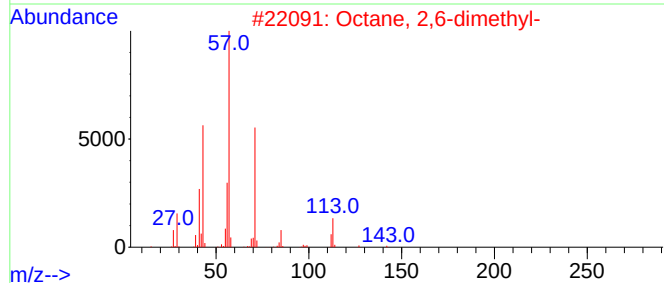
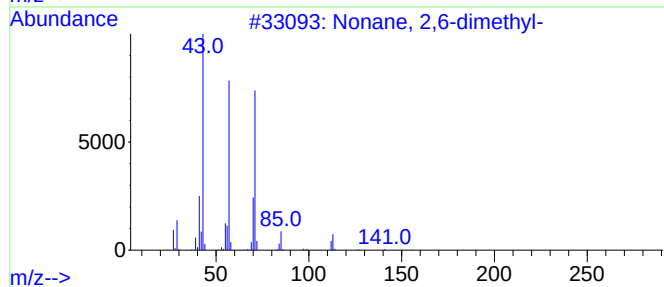
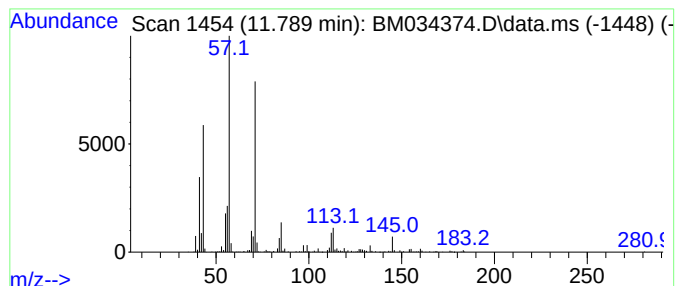
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Nonane, 2,6-dimethyl- Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.789 | 6.70 ng | 680349 | Naphthalene-d8   | 10.748 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 86   |
| 2    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 83   |
| 3    |    |   | Octane, 3,5-dimethyl-               | 142 | C10H22    | 015869-93-9  | 72   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 72   |
| 5    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40    | 001921-70-6  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

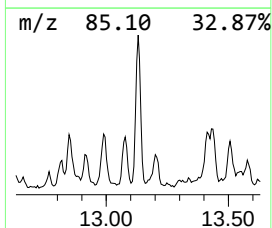
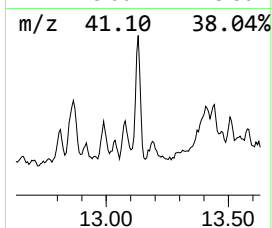
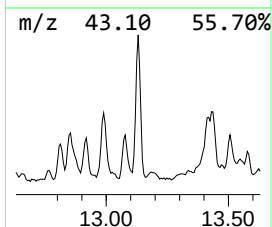
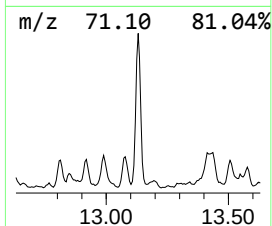
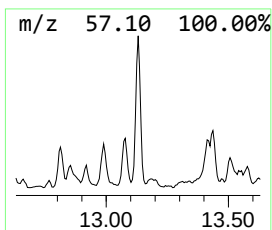
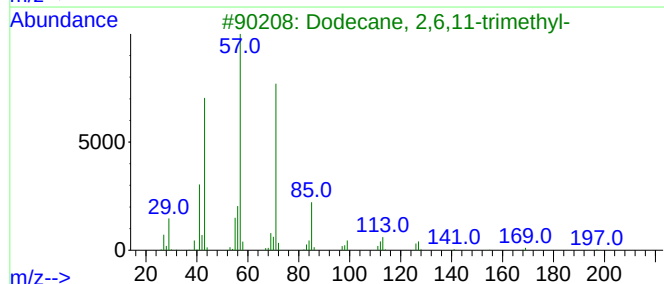
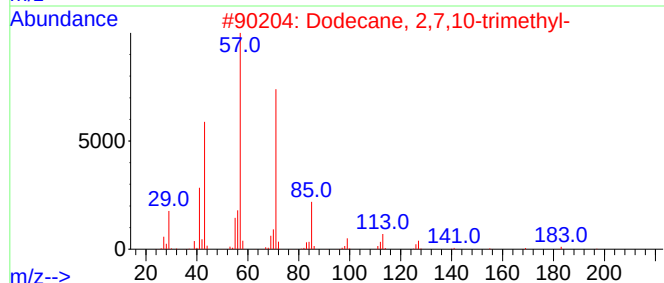
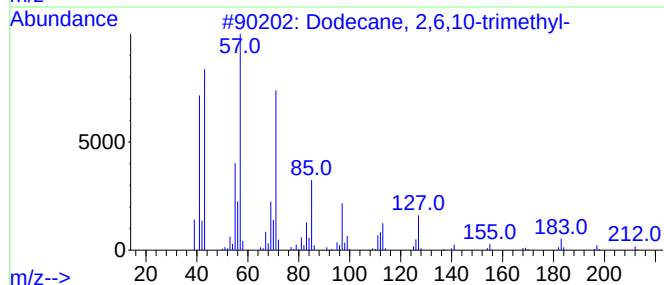
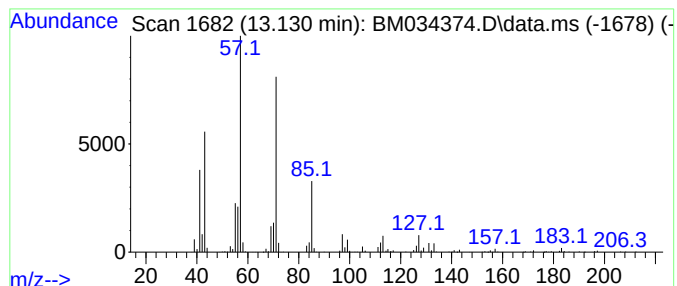
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.130 | 5.97 ng | 822252 | Acenaphthene-d10 | 14.583 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 91   |
| 2    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 91   |
| 3    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 90   |
| 4    |    |   | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 86   |
| 5    |    |   | Decane, 5-propyl-                   | 184 | C13H28  | 017312-62-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
WC-14A-3-2

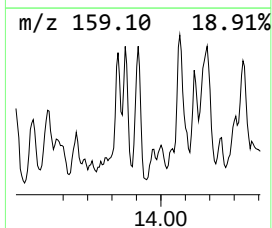
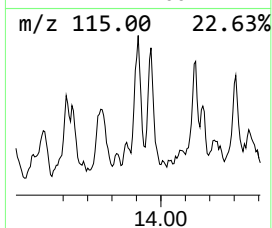
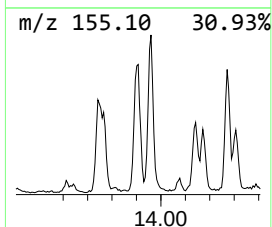
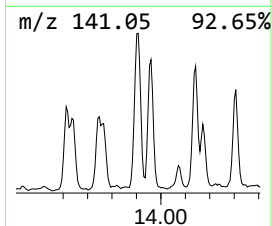
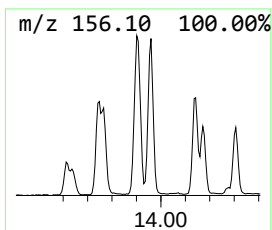
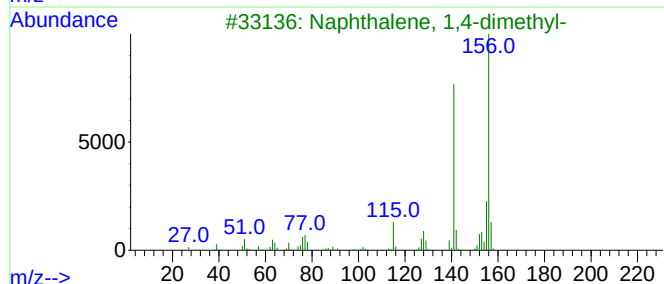
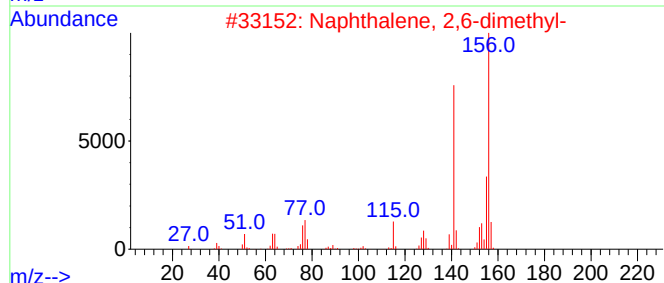
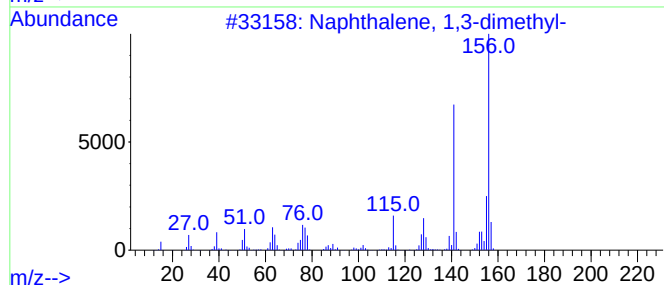
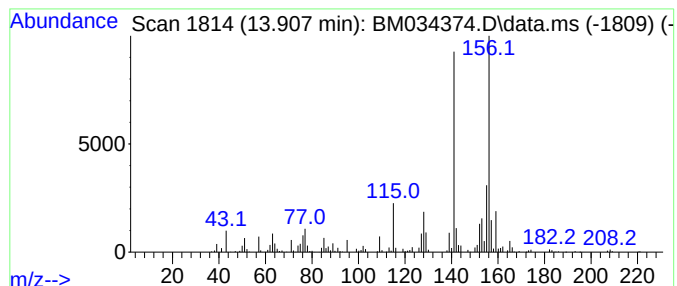
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.907 | 5.64 ng | 776855 | Acenaphthene-d10 | 14.583 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 2    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 4    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |
| 5    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

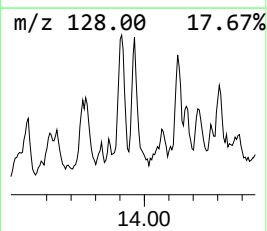
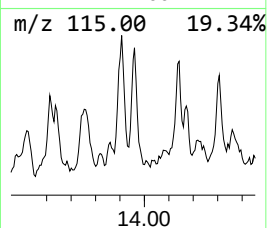
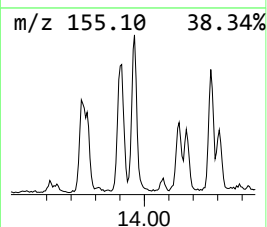
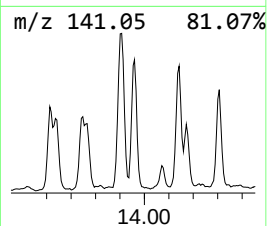
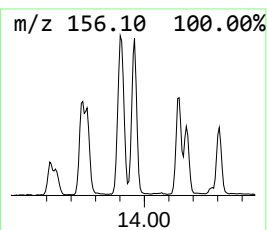
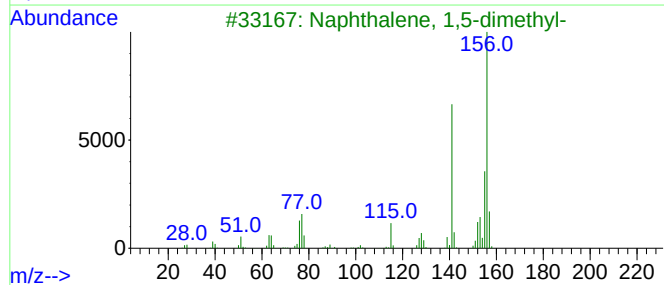
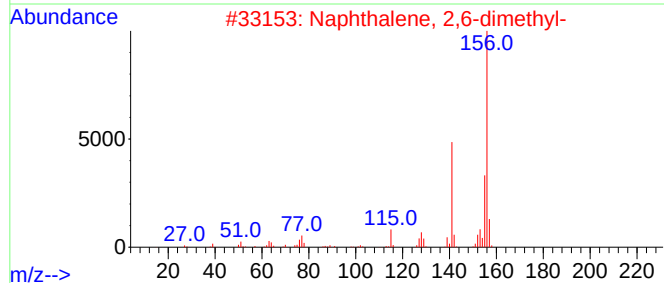
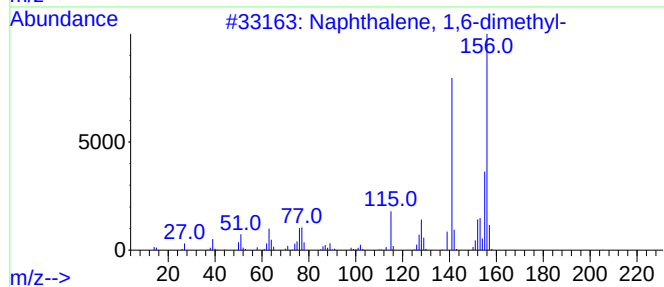
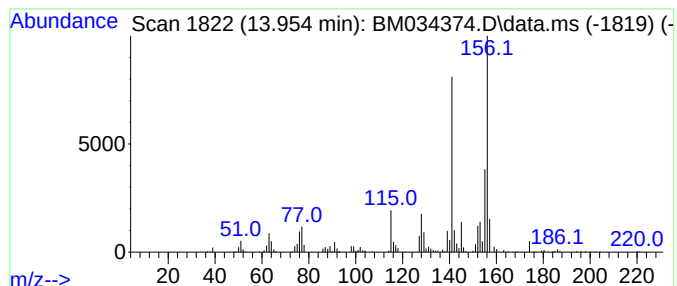
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.954 | 5.65 ng | 777894 | Acenaphthene-d10 | 14.583 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 98   |
| 2    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 3    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |
| 4    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 5    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

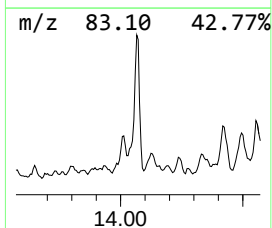
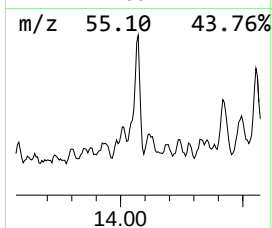
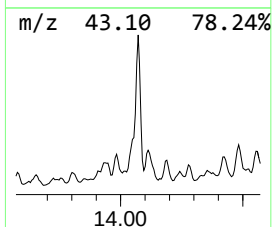
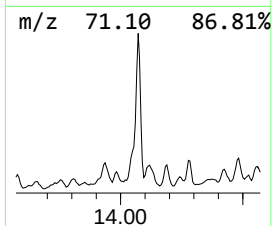
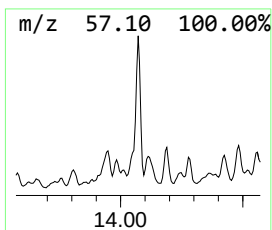
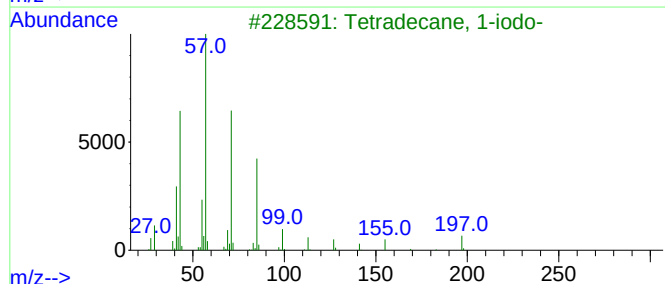
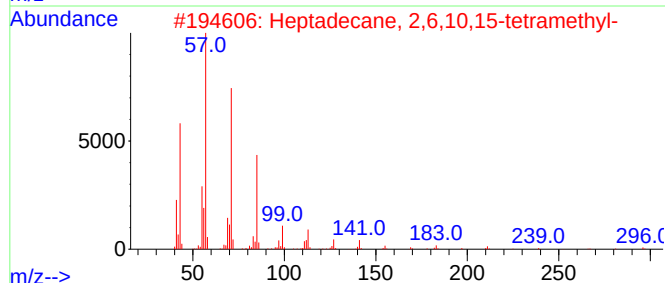
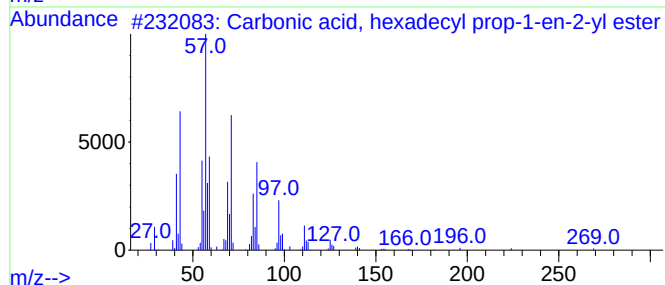
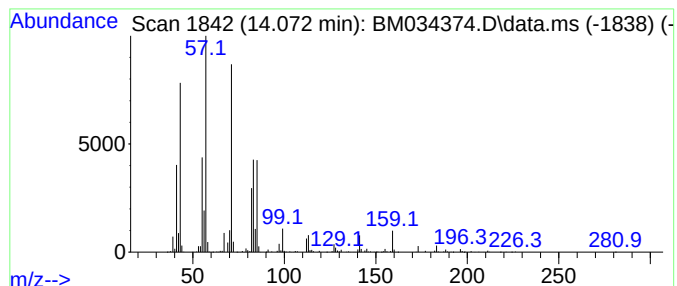
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Carbonic acid, hexadecyl pr... Concentration Rank 5

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 14.072 | 8.66 ng | 1192770 | Acenaphthene-d10 | 14.583 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 64   |
| 2    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 58   |
| 3    |    |   | Tetradecane, 1-iodo-                | 324 | C14H29I  | 019218-94-1  | 47   |
| 4    |    |   | Nonane, 4-methyl-5-propyl-          | 184 | C13H28   | 062185-55-1  | 46   |
| 5    |    |   | 1,3-Dimethylcyclopentanol           | 114 | C7H14O   | 019550-46-0  | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

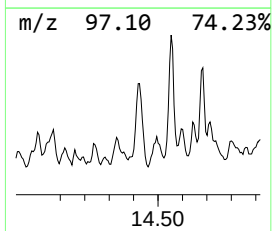
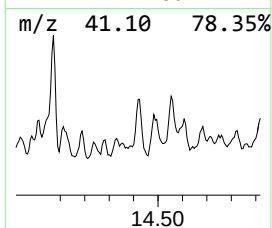
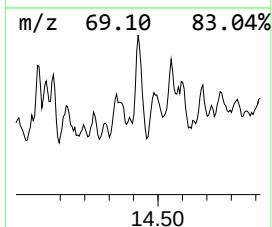
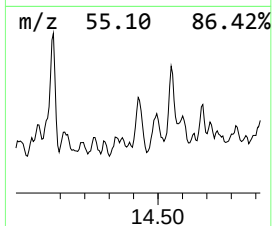
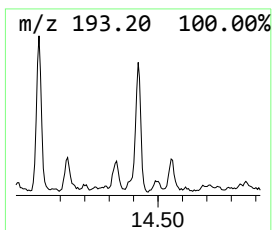
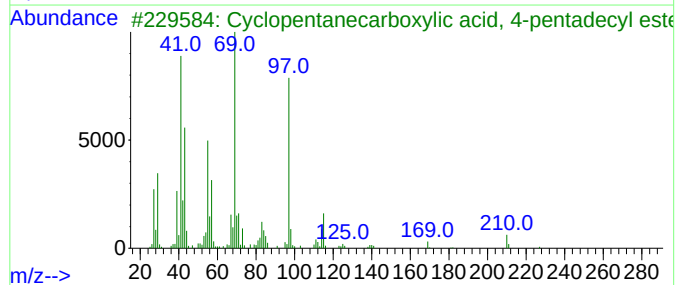
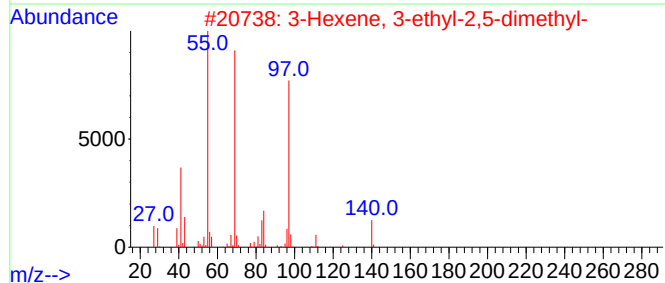
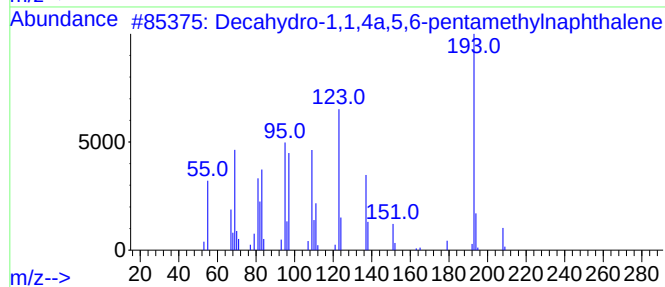
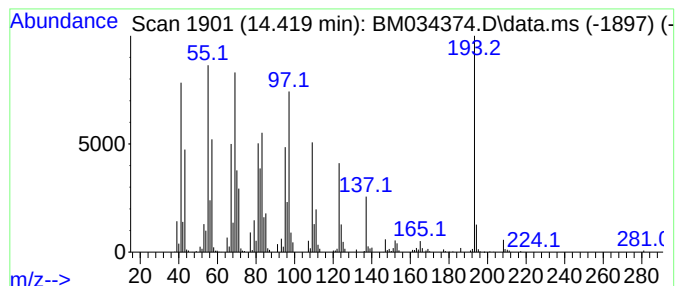
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown14.419 Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.419 | 5.78 ng | 795573 | Acenaphthene-d10 | 14.583 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28   | 080655-44-3  | 30   |
| 2    |    |   | 3-Hexene, 3-ethyl-2,5-dimethyl-     | 140 | C10H20   | 062338-08-3  | 27   |
| 3    |    |   | Cyclopentanecarboxylic acid, 4-p... | 324 | C21H40O2 | 1000280-59-2 | 22   |
| 4    |    |   | Cyclopentanecarboxylic acid, 4-t... | 296 | C19H36O2 | 1000280-58-6 | 22   |
| 5    |    |   | Oxiranecarboxaldehyde, 3-methyl...  | 168 | C10H16O2 | 016996-12-6  | 20   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

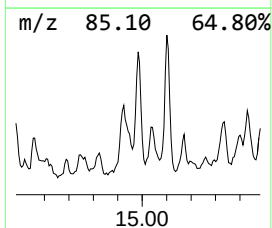
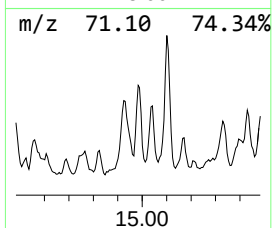
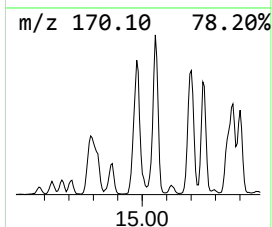
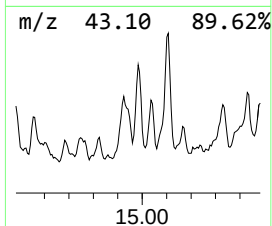
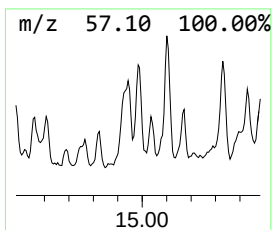
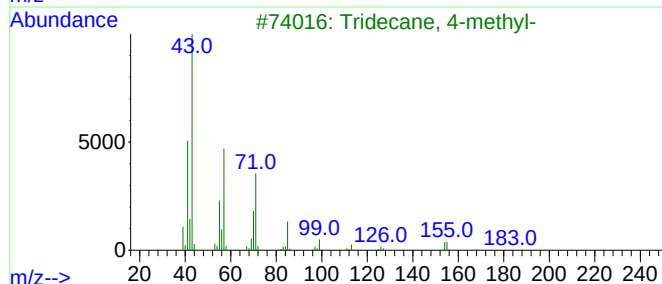
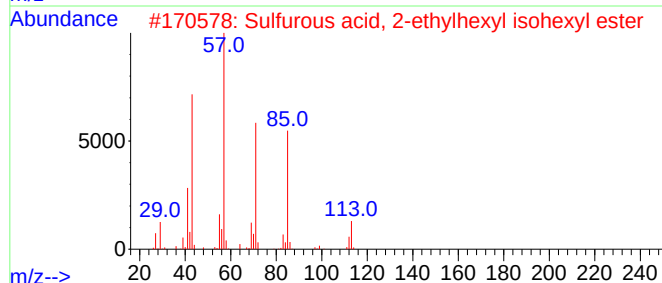
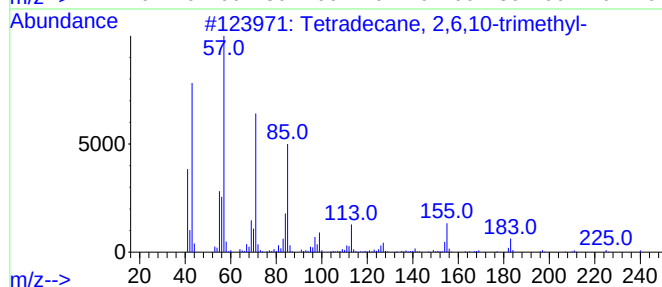
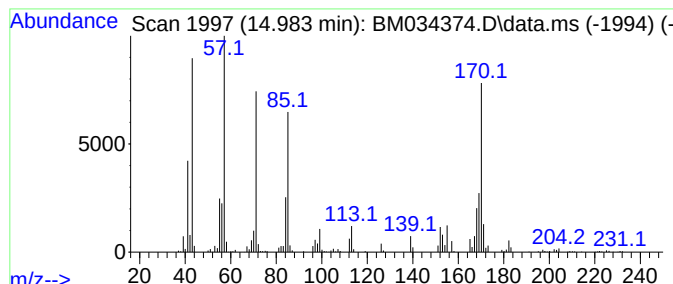
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown14.983 Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.983 | 5.78 ng | 795713 | Acenaphthene-d10 | 14.583 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetradecane, 2,6,10-trimethyl-      | 240 | C17H36    | 014905-56-7  | 43   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 35   |
| 3    |    |   | Tridecane, 4-methyl-                | 198 | C14H30    | 026730-12-1  | 30   |
| 4    |    |   | Decane, 3,6-dimethyl-               | 170 | C12H26    | 017312-53-7  | 27   |
| 5    |    |   | Hexadecane, 2,6,11,15-tetramethyl-  | 282 | C20H42    | 000504-44-9  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

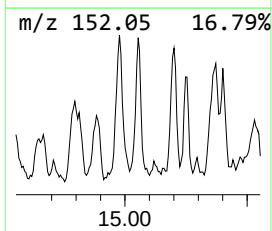
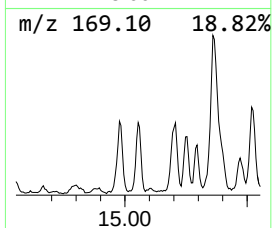
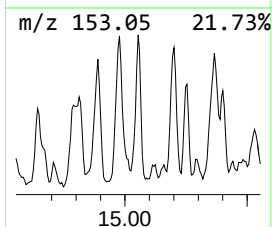
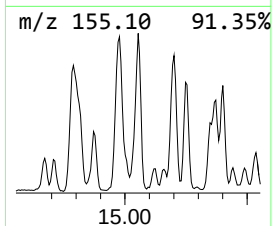
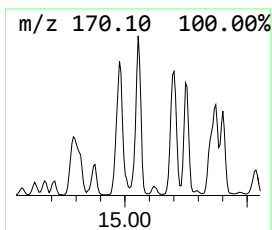
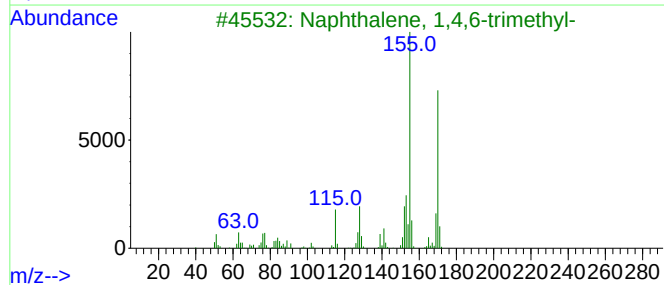
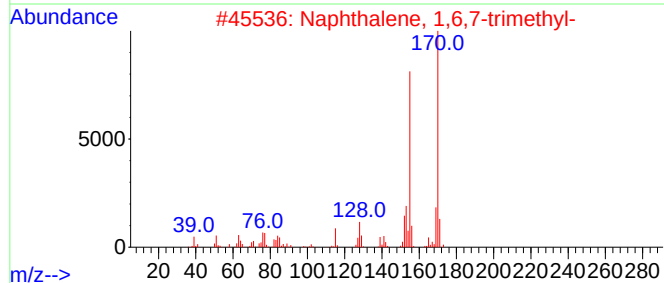
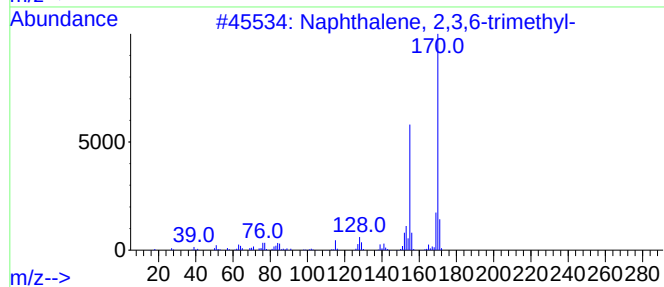
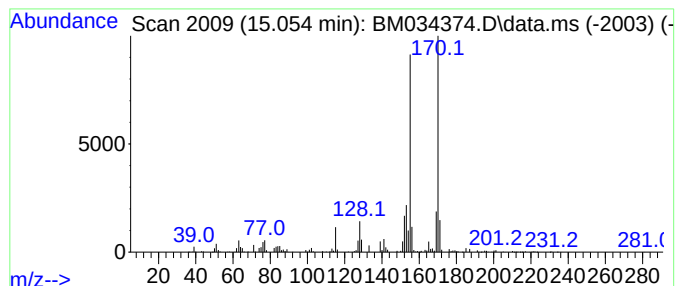
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 15.054    | 5.74 ng                             | 790528 | Acenaphthene-d10 | 14.583       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Naphthalene, 2,3,6-trimethyl-       | 170    | C13H14           | 000829-26-5  | 97   |
| 2         | Naphthalene, 1,6,7-trimethyl-       | 170    | C13H14           | 002245-38-7  | 97   |
| 3         | Naphthalene, 1,4,6-trimethyl-       | 170    | C13H14           | 002131-42-2  | 96   |
| 4         | Naphthalene, 1,4,5-trimethyl-       | 170    | C13H14           | 002131-41-1  | 94   |
| 5         | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170    | C13H14           | 1000294-91-1 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

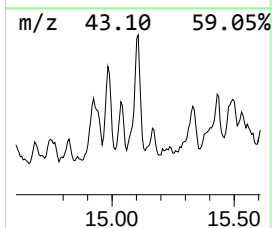
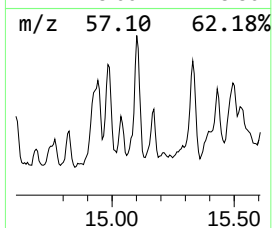
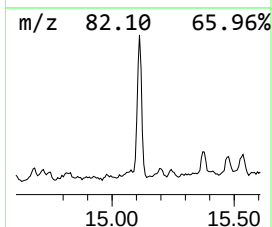
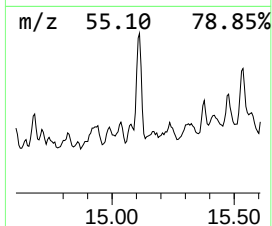
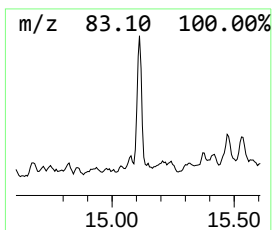
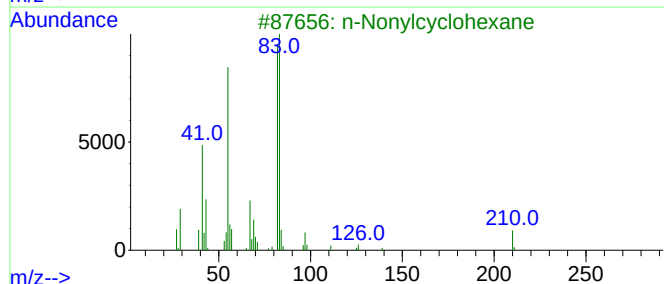
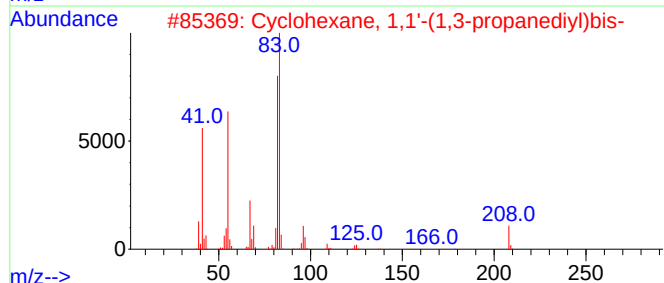
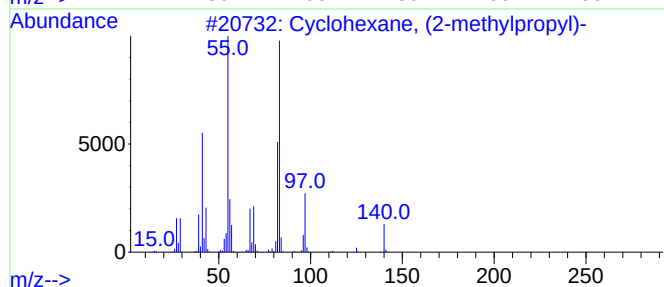
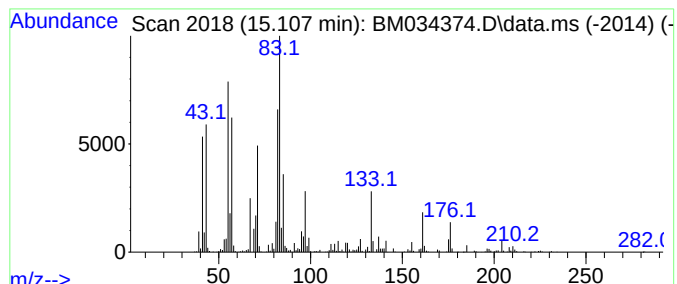
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

| R.T.      | EstConc                             | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|---------|-------------|------|
| 15.107    | 8.08 ng                             | 1112890 | Acenaphthene-d10 |         | 14.583      |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm | CAS#        | Qual |
| 1         | Cyclohexane, (2-methylpropyl)-      |         | 140              | C10H20  | 001678-98-4 | 55   |
| 2         | Cyclohexane, 1,1'-(1,3-propanedi... |         | 208              | C15H28  | 003178-24-3 | 50   |
| 3         | n-Nonylcyclohexane                  |         | 210              | C15H30  | 002883-02-5 | 50   |
| 4         | Cyclohexane, 1,1'-(1,4-butanedi...  |         | 222              | C16H30  | 006165-44-2 | 45   |
| 5         | Cyclohexane, octyl-                 |         | 196              | C14H28  | 001795-15-9 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

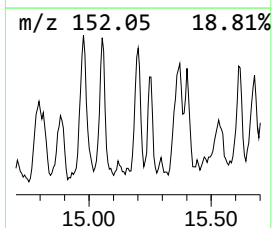
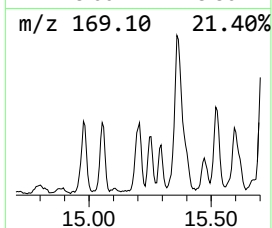
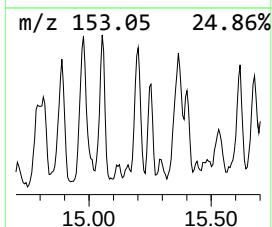
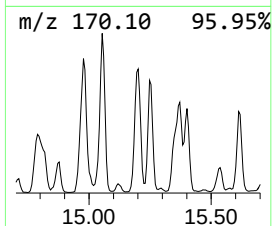
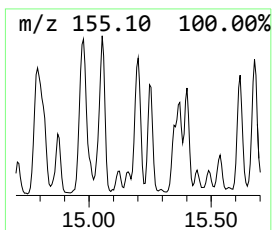
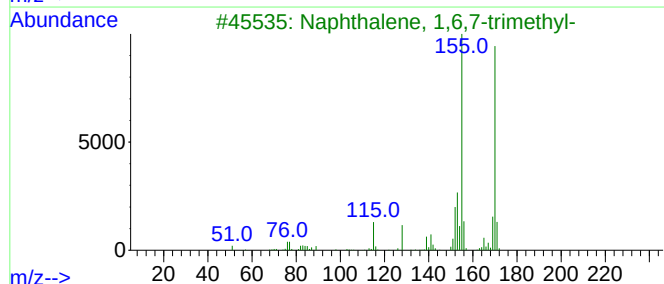
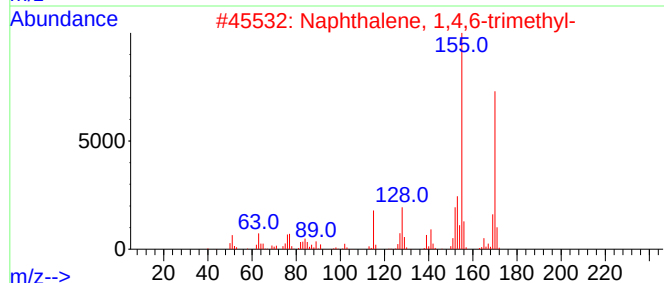
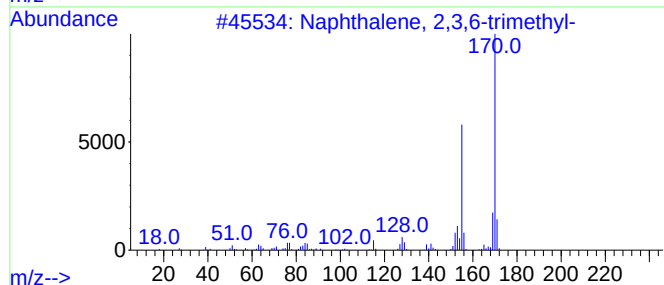
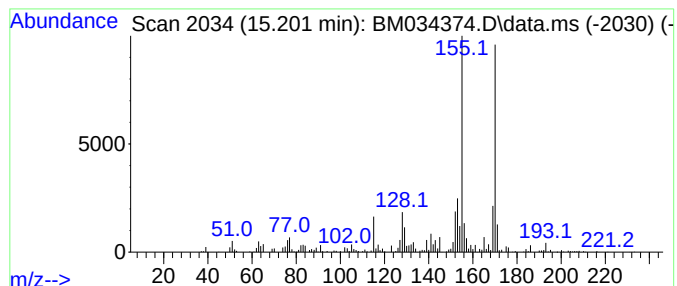
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ClientSampleId :  
WC-14A-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

| R.T.      | EstConc                         | Area   | Relative to ISTD |         | R.T.         |      |
|-----------|---------------------------------|--------|------------------|---------|--------------|------|
| 15.201    | 4.94 ng                         | 680604 | Acenaphthene-d10 |         | 14.583       |      |
| Hit# of 5 | Tentative ID                    |        | MW               | MolForm | CAS#         | Qual |
| 1         | Naphthalene, 2,3,6-trimethyl-   |        | 170              | C13H14  | 000829-26-5  | 97   |
| 2         | Naphthalene, 1,4,6-trimethyl-   |        | 170              | C13H14  | 002131-42-2  | 97   |
| 3         | Naphthalene, 1,6,7-trimethyl-   |        | 170              | C13H14  | 002245-38-7  | 96   |
| 4         | 4,6,8-Trimethylazulene          |        | 170              | C13H14  | 000941-81-1  | 91   |
| 5         | 3-(2-Methyl-propenyl)-1H-indene |        | 170              | C13H14  | 1000187-78-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

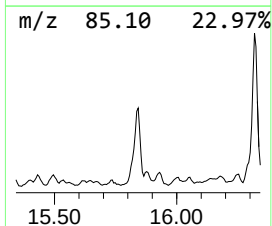
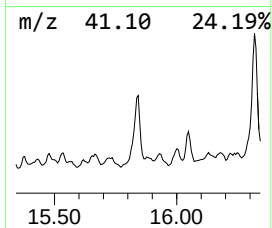
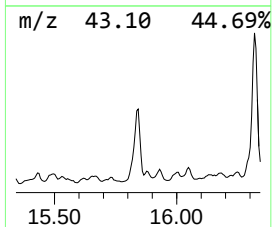
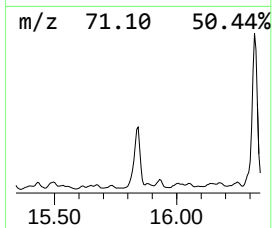
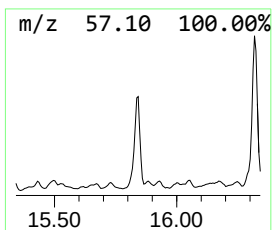
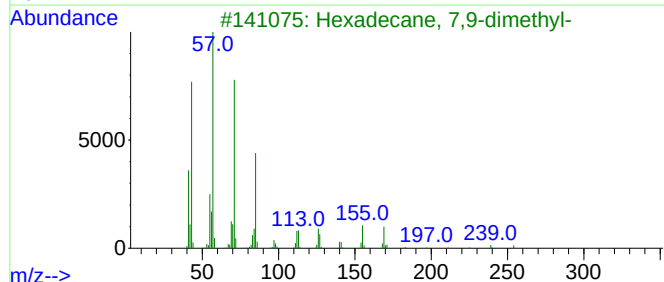
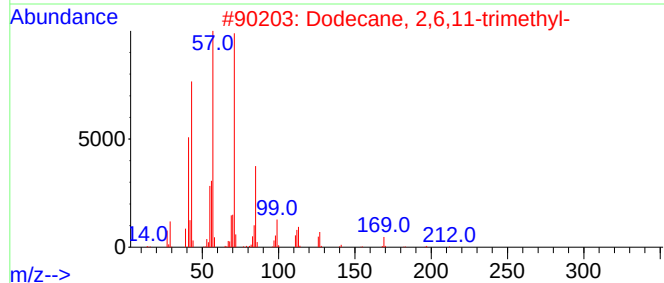
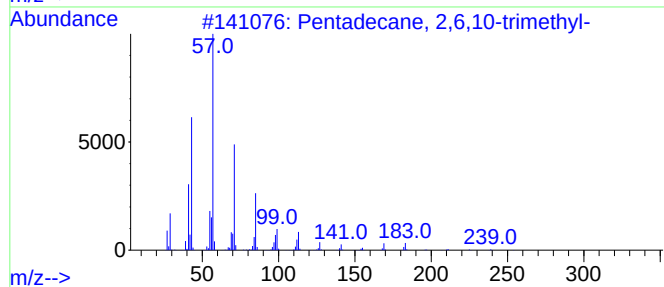
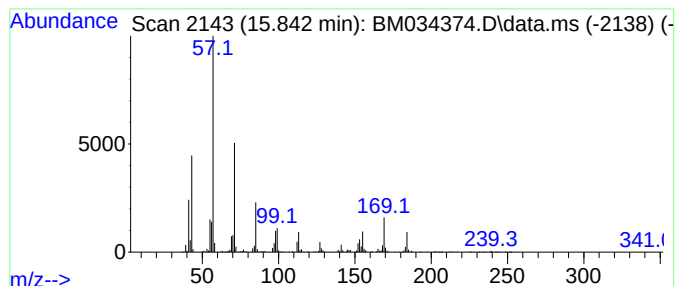
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.842 | 16.03 ng | 2207590 | Acenaphthene-d10 | 14.583 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 89   |
| 2    |      | Dodecane, 2,6,11-trimethyl-    | 212 | C15H32  | 031295-56-4 | 52   |
| 3    |      | Hexadecane, 7,9-dimethyl-      | 254 | C18H38  | 021164-95-4 | 52   |
| 4    |      | Undecane, 3,6-dimethyl-        | 184 | C13H28  | 017301-28-9 | 50   |
| 5    |      | Undecane, 3,5-dimethyl-        | 184 | C13H28  | 017312-81-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

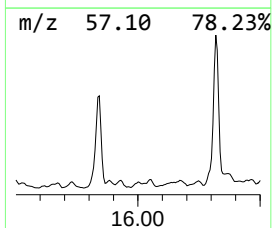
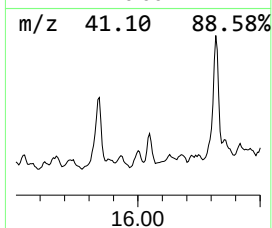
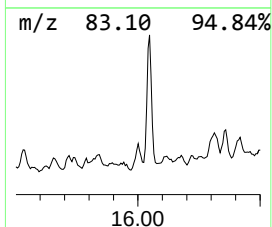
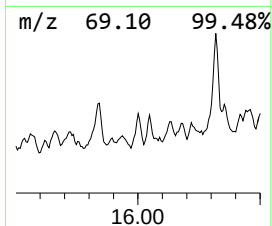
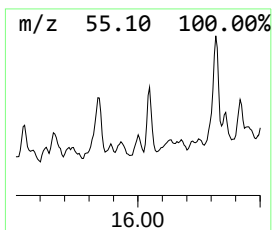
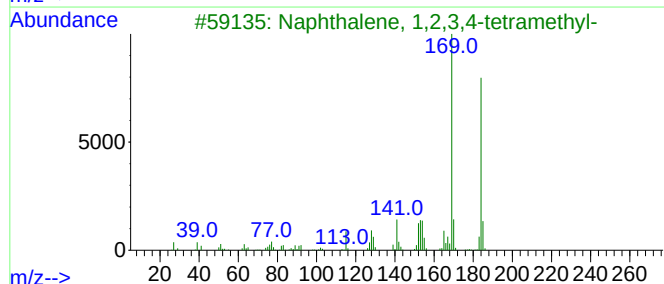
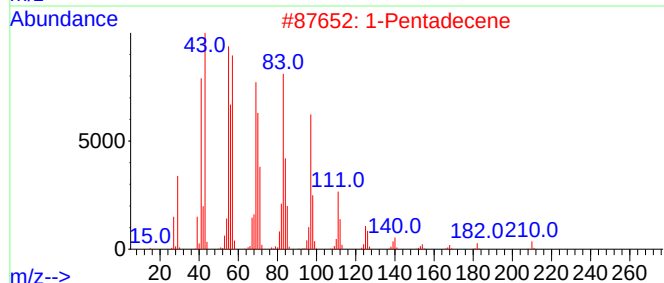
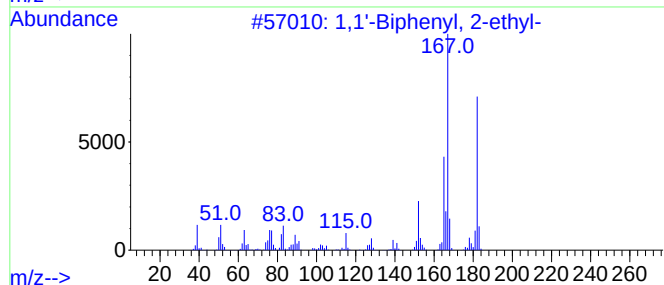
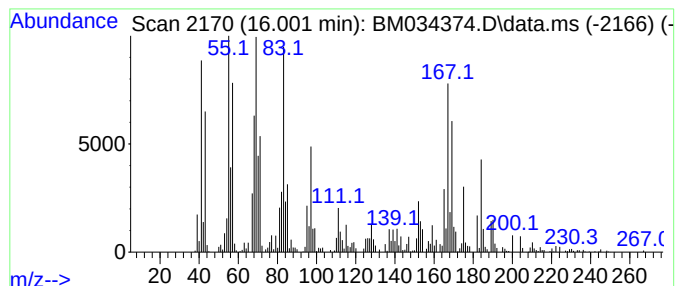
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 unknown16.001 Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.001 | 6.05 ng | 734468 | Phenanthrene-d10 | 17.324 |

| Hit# | of 5                              | Tentative ID | MW     | MolForm     | CAS# | Qual |
|------|-----------------------------------|--------------|--------|-------------|------|------|
| 1    | 1,1'-Biphenyl, 2-ethyl-           | 182          | C14H14 | 001812-51-7 | 35   |      |
| 2    | 1-Pentadecene                     | 210          | C15H30 | 013360-61-7 | 30   |      |
| 3    | Naphthalene, 1,2,3,4-tetramethyl- | 184          | C14H16 | 003031-15-0 | 25   |      |
| 4    | Cycloundecane, (1-methylethyl)-   | 196          | C14H28 | 062338-56-1 | 25   |      |
| 5    | Cyclopentane, hexyl-              | 154          | C11H22 | 004457-00-5 | 25   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

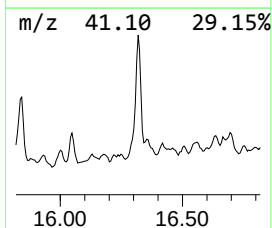
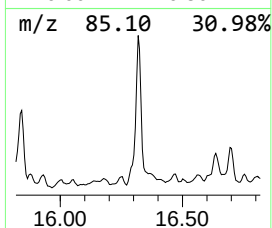
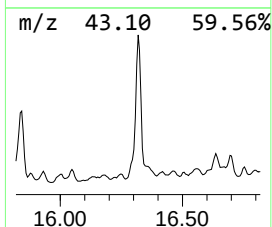
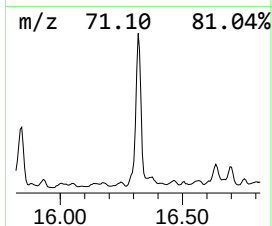
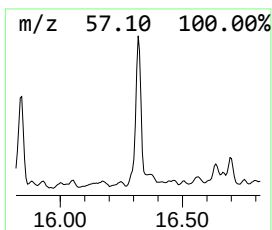
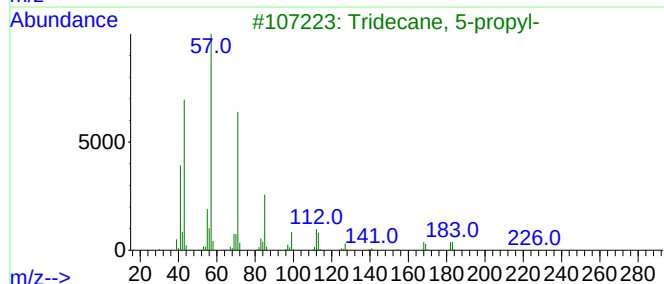
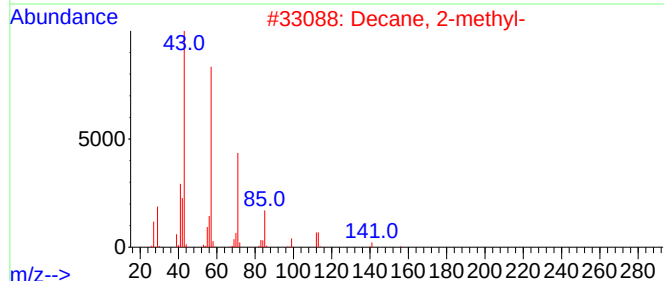
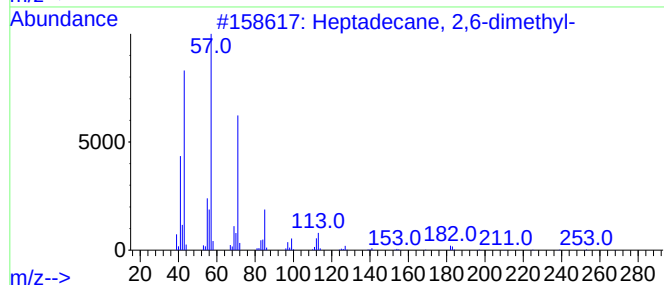
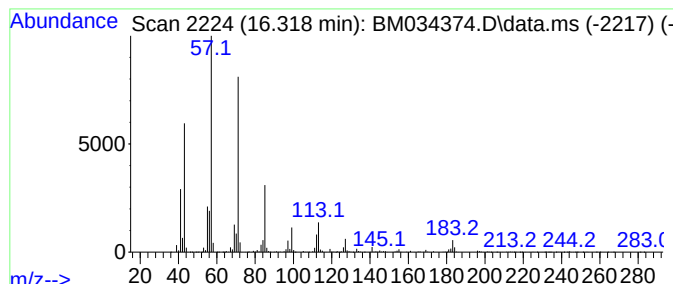
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Heptadecane, 2,6-dimethyl- Concentration Rank 1

| R.T.      | EstConc                     | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------------|---------|------------------|---------|-------------|------|
| 16.318    | 40.53 ng                    | 4922850 | Phenanthrene-d10 |         | 17.324      |      |
| Hit# of 5 | Tentative ID                |         | MW               | MolForm | CAS#        | Qual |
| 1         | Heptadecane, 2,6-dimethyl-  |         | 268              | C19H40  | 054105-67-8 | 94   |
| 2         | Decane, 2-methyl-           |         | 156              | C11H24  | 006975-98-0 | 86   |
| 3         | Tridecane, 5-propyl-        |         | 226              | C16H34  | 055045-11-9 | 86   |
| 4         | Dodecane, 2,7,10-trimethyl- |         | 212              | C15H32  | 074645-98-0 | 86   |
| 5         | 2,6,10-Trimethyltridecane   |         | 226              | C16H34  | 003891-99-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

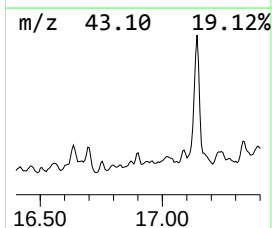
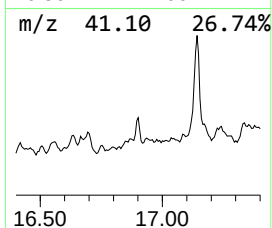
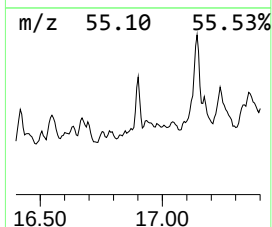
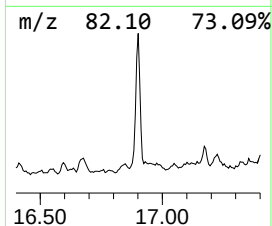
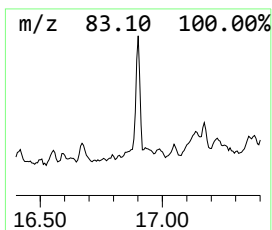
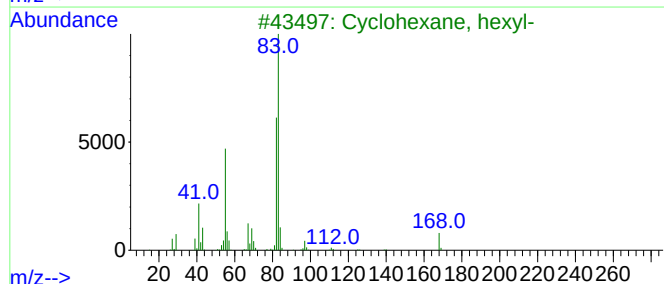
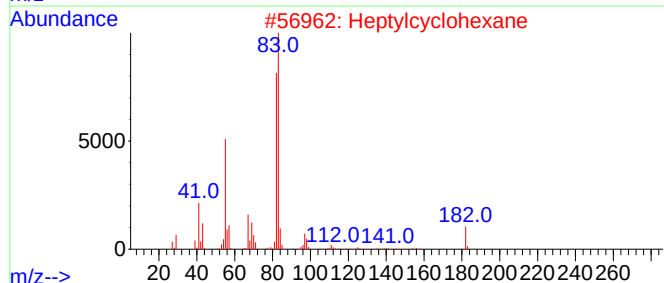
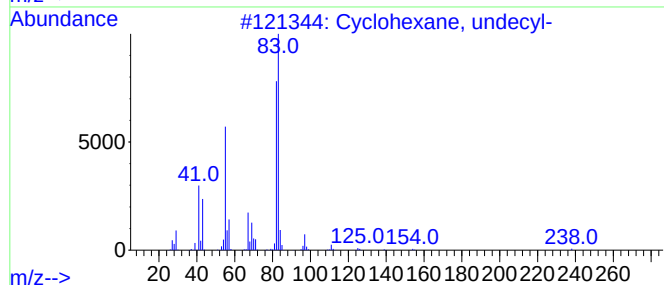
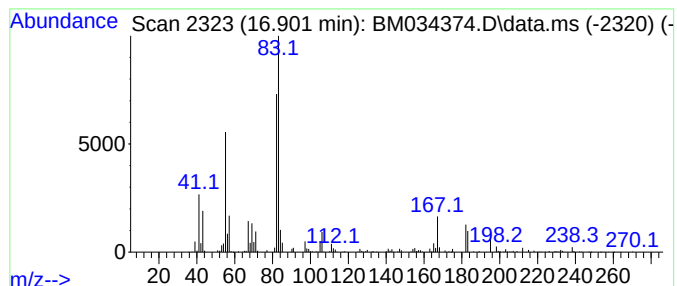
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Cyclohexane, undecyl- Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.901 | 6.59 ng | 800817 | Phenanthrene-d10 | 17.324 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, undecyl- | 238 | C17H34  | 054105-66-7 | 89   |
| 2    |    |   | Heptylcyclohexane     | 182 | C13H26  | 005617-41-4 | 81   |
| 3    |    |   | Cyclohexane, hexyl-   | 168 | C12H24  | 004292-75-5 | 70   |
| 4    |    |   | Cyclohexane, butyl-   | 140 | C10H20  | 001678-93-9 | 70   |
| 5    |    |   | Cyclohexane, pentyl-  | 154 | C11H22  | 004292-92-6 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

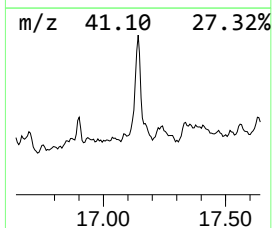
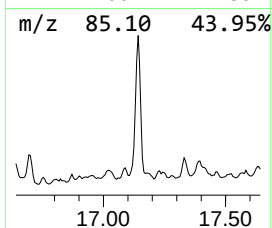
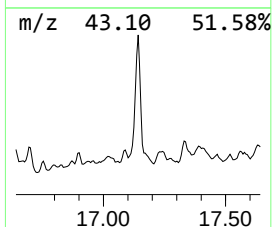
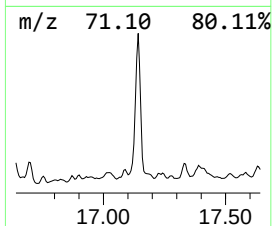
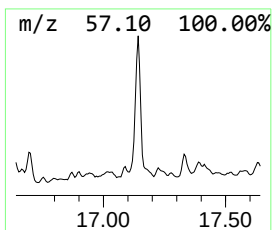
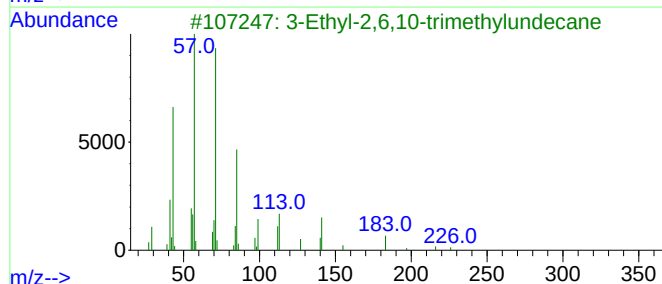
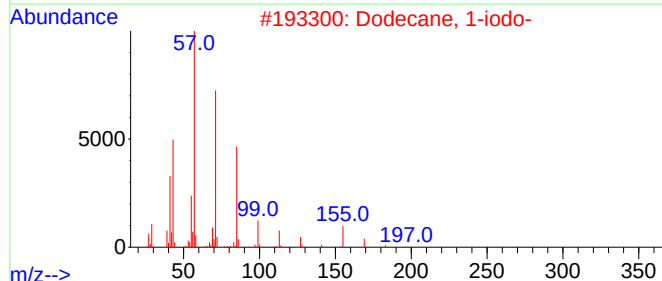
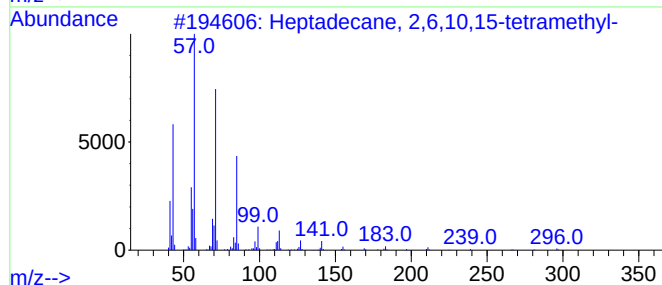
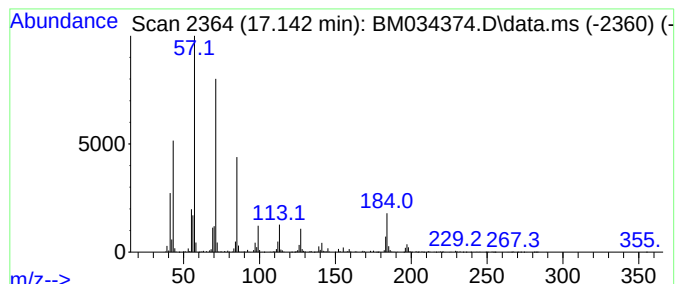
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.      | EstConc                             | Area    | Relative to ISTD |         | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|---------|--------------|------|
| 17.142    | 36.29 ng                            | 4407910 | Phenanthrene-d10 |         | 17.324       |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm | CAS#         | Qual |
| 1         | Heptadecane, 2,6,10,15-tetramethyl- |         | 296              | C21H44  | 054833-48-6  | 83   |
| 2         | Dodecane, 1-iodo-                   |         | 296              | C12H25I | 004292-19-7  | 80   |
| 3         | 3-Ethyl-2,6,10-trimethylundecane    |         | 226              | C16H34  | 1000432-25-9 | 80   |
| 4         | Tetradecane, 1-iodo-                |         | 324              | C14H29I | 019218-94-1  | 80   |
| 5         | Tridecane, 5-propyl-                |         | 226              | C16H34  | 055045-11-9  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
Data File : BM034374.D  
Acq On : 24 Mar 2022 22:17  
Operator : CG/JU  
Sample : N2077-11 10X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-14A-3-2

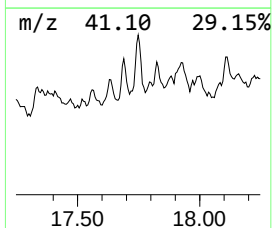
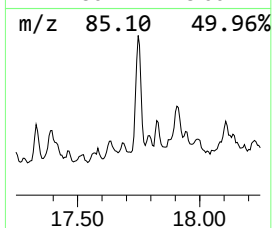
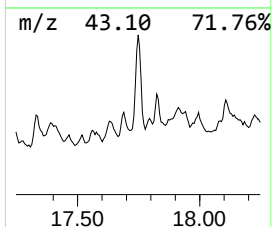
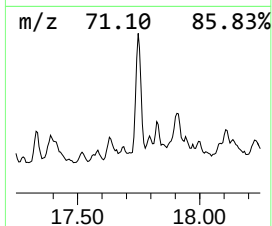
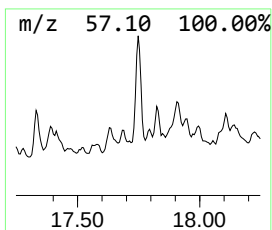
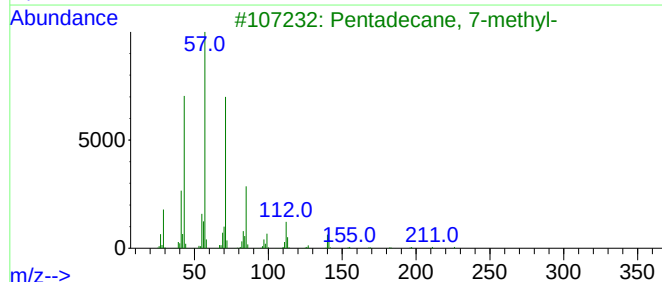
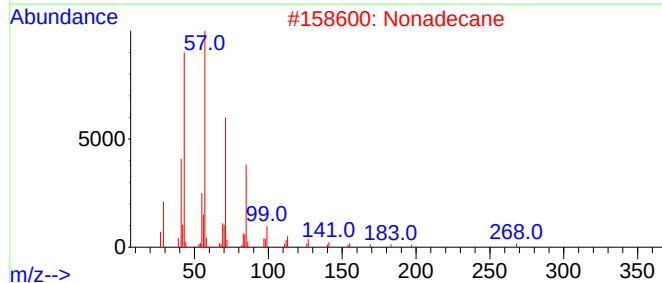
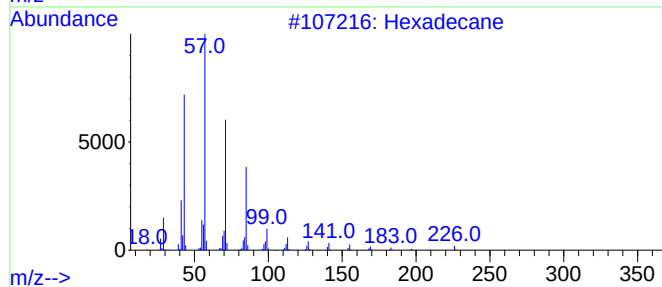
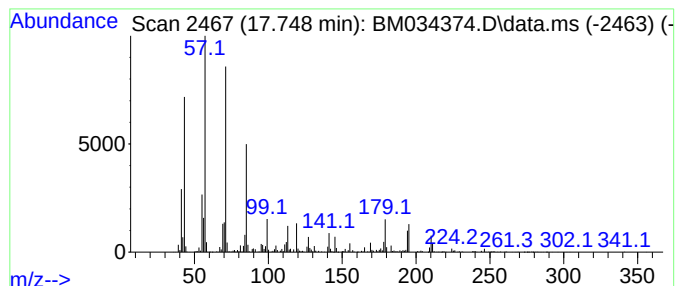
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Hexadecane Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.748 | 14.08 ng | 1710590 | Phenanthrene-d10 | 17.324 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane             | 226 | C16H34  | 000544-76-3 | 89   |
| 2    |    |   | Nonadecane             | 268 | C19H40  | 000629-92-5 | 89   |
| 3    |    |   | Pentadecane, 7-methyl- | 226 | C16H34  | 006165-40-8 | 83   |
| 4    |    |   | Decane, 3,6-dimethyl-  | 170 | C12H26  | 017312-53-7 | 76   |
| 5    |    |   | Pentacosane            | 352 | C25H52  | 000629-99-2 | 72   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032422\  
 Data File : BM034374.D  
 Acq On : 24 Mar 2022 22:17  
 Operator : CG/JU  
 Sample : N2077-11 10X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-14A-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031522.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 |
| Cyclohexane, pr... | 6.572  | 5.3     | ng    | 405397   | 1                     | 7.937  | 1515250 | 20.0 |
| Cyclohexane, bu... | 8.231  | 5.2     | ng    | 393487   | 1                     | 7.937  | 1515250 | 20.0 |
| Undecane, 2,6-d... | 10.925 | 4.8     | ng    | 487334   | 2                     | 10.748 | 2031410 | 20.0 |
| Cyclohexane, he... | 11.466 | 4.9     | ng    | 494685   | 2                     | 10.748 | 2031410 | 20.0 |
| Nonane, 2,6-dim... | 11.789 | 6.7     | ng    | 680349   | 2                     | 10.748 | 2031410 | 20.0 |
| Dodecane, 2,6,1... | 13.130 | 6.0     | ng    | 822252   | 3                     | 14.583 | 2754660 | 20.0 |
| Naphthalene, 1,... | 13.907 | 5.6     | ng    | 776855   | 3                     | 14.583 | 2754660 | 20.0 |
| Naphthalene, 1,... | 13.954 | 5.7     | ng    | 777894   | 3                     | 14.583 | 2754660 | 20.0 |
| Carbonic acid, ... | 14.072 | 8.7     | ng    | 1192770  | 3                     | 14.583 | 2754660 | 20.0 |
| unknown14.419      | 14.419 | 5.8     | ng    | 795573   | 3                     | 14.583 | 2754660 | 20.0 |
| unknown14.983      | 14.983 | 5.8     | ng    | 795713   | 3                     | 14.583 | 2754660 | 20.0 |
| Naphthalene, 2,... | 15.054 | 5.7     | ng    | 790528   | 3                     | 14.583 | 2754660 | 20.0 |
| Cyclohexane, (2... | 15.107 | 8.1     | ng    | 1112890  | 3                     | 14.583 | 2754660 | 20.0 |
| Naphthalene, 1,... | 15.201 | 4.9     | ng    | 680604   | 3                     | 14.583 | 2754660 | 20.0 |
| Pentadecane, 2,... | 15.842 | 16.0    | ng    | 2207590  | 3                     | 14.583 | 2754660 | 20.0 |
| unknown16.001      | 16.001 | 6.0     | ng    | 734468   | 4                     | 17.324 | 2429240 | 20.0 |
| Heptadecane, 2,... | 16.318 | 40.5    | ng    | 4922850  | 4                     | 17.324 | 2429240 | 20.0 |
| Cyclohexane, un... | 16.901 | 6.6     | ng    | 800817   | 4                     | 17.324 | 2429240 | 20.0 |
| Heptadecane, 2,... | 17.142 | 36.3    | ng    | 4407910  | 4                     | 17.324 | 2429240 | 20.0 |
| Hexadecane         | 17.748 | 14.1    | ng    | 1710590  | 4                     | 17.324 | 2429240 | 20.0 |