

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
 Data File : BF127084.D  
 Acq On : 25 Feb 2022 21:29  
 Operator : CG\JU  
 Sample : N1655-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UNK-NORTH

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127084.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         | 2.516       | 21            | 39          | 44           | rBV      | 87356          | 203769        | 9.94%           | 0.396%        |
| 2         | 3.069       | 115           | 133         | 142          | rBV2     | 84780          | 256788        | 12.52%          | 0.499%        |
| 3         | 3.463       | 183           | 200         | 208          | rBV6     | 50441          | 156857        | 7.65%           | 0.305%        |
| 4         | 3.628       | 218           | 228         | 233          | rBV4     | 66236          | 163801        | 7.99%           | 0.318%        |
| 5         | 3.957       | 277           | 284         | 293          | rVB2     | 488971         | 893810        | 43.58%          | 1.737%        |
| 6         | 4.093       | 298           | 307         | 313          | rVB      | 387904         | 627812        | 30.61%          | 1.220%        |
| 7         | 4.240       | 323           | 332         | 337          | rBV3     | 255939         | 401274        | 19.57%          | 0.780%        |
| 8         | 4.293       | 337           | 341         | 345          | rBV      | 109650         | 148874        | 7.26%           | 0.289%        |
| 9         | 4.387       | 349           | 357         | 360          | rBV      | 148571         | 246365        | 12.01%          | 0.479%        |
| 10        | 4.434       | 360           | 365         | 369          | rVV4     | 115836         | 229627        | 11.20%          | 0.446%        |
| 11        | 4.551       | 380           | 385         | 392          | rVB2     | 1100381        | 1585418       | 77.31%          | 3.081%        |
| 12        | 4.669       | 398           | 405         | 409          | rBV3     | 278424         | 387334        | 18.89%          | 0.753%        |
| 13        | 4.857       | 434           | 437         | 441          | rVB      | 128753         | 134605        | 6.56%           | 0.262%        |
| 14        | 4.904       | 441           | 445         | 448          | rBV2     | 89086          | 129788        | 6.33%           | 0.252%        |
| 15        | 4.963       | 448           | 455         | 460          | rVV      | 427025         | 588896        | 28.72%          | 1.144%        |
| 16        | 5.040       | 460           | 468         | 471          | rVV      | 408605         | 654881        | 31.93%          | 1.273%        |
| 17        | 5.069       | 471           | 473         | 477          | rVB      | 370131         | 336339        | 16.40%          | 0.654%        |
| 18        | 5.122       | 477           | 482         | 485          | rBV      | 562403         | 629688        | 30.70%          | 1.224%        |
| 19        | 5.181       | 489           | 492         | 496          | rVV3     | 151639         | 195745        | 9.54%           | 0.380%        |
| 20        | 5.228       | 496           | 500         | 501          | rVV2     | 114930         | 136363        | 6.65%           | 0.265%        |
| 21        | 5.316       | 510           | 515         | 518          | rBV3     | 375313         | 562331        | 27.42%          | 1.093%        |
| 22        | 5.345       | 518           | 520         | 524          | rVB4     | 180234         | 249965        | 12.19%          | 0.486%        |
| 23        | 5.392       | 524           | 528         | 531          | rBV2     | 688055         | 898840        | 43.83%          | 1.747%        |
| 24        | 5.422       | 531           | 533         | 535          | rVV      | 643227         | 521027        | 25.41%          | 1.012%        |
| 25        | 5.492       | 542           | 545         | 547          | rVV      | 940604         | 971793        | 47.39%          | 1.888%        |
| 26        | 5.522       | 547           | 550         | 553          | rVB      | 2028529        | 1801141       | 87.83%          | 3.500%        |
| 27        | 5.598       | 559           | 563         | 569          | rVB3     | 144805         | 188766        | 9.20%           | 0.367%        |
| 28        | 5.669       | 569           | 575         | 581          | rBV2     | 363749         | 672141        | 32.78%          | 1.306%        |
| 29        | 5.716       | 581           | 583         | 586          | rVB      | 293038         | 260473        | 12.70%          | 0.506%        |
| 30        | 5.763       | 586           | 591         | 593          | rBV3     | 256620         | 428513        | 20.90%          | 0.833%        |
| 31        | 5.804       | 593           | 598         | 606          | rVB      | 1212652        | 1397159       | 68.13%          | 2.715%        |
| 32        | 5.928       | 613           | 619         | 622          | rVB3     | 331878         | 443198        | 21.61%          | 0.861%        |
| 33        | 5.963       | 622           | 625         | 628          | rBV2     | 212924         | 262103        | 12.78%          | 0.509%        |
| 34        | 6.045       | 634           | 639         | 640          | rBV      | 193389         | 213716        | 10.42%          | 0.415%        |
| 35        | 6.063       | 640           | 642         | 645          | rVV2     | 343839         | 342633        | 16.71%          | 0.666%        |
| 36        | 6.098       | 645           | 648         | 651          | rVB2     | 177107         | 170999        | 8.34%           | 0.332%        |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 UNK-NORTH

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |       |     |     |     |      |        |         |        |        |
|----|-------|-----|-----|-----|------|--------|---------|--------|--------|
| 37 | 6.140 | 651 | 655 | 663 | rBV3 | 699080 | 1335943 | 65.14% | 2.596% |
| 38 | 6.198 | 663 | 665 | 667 | rVV2 | 203019 | 191117  | 9.32%  | 0.371% |
| 39 | 6.287 | 678 | 680 | 683 | rVB2 | 150856 | 145723  | 7.11%  | 0.283% |
| 40 | 6.334 | 683 | 688 | 690 | rBV3 | 341434 | 509808  | 24.86% | 0.991% |

|    |       |     |     |     |      |         |         |        |        |
|----|-------|-----|-----|-----|------|---------|---------|--------|--------|
| 41 | 6.363 | 690 | 693 | 696 | rVV  | 629144  | 668703  | 32.61% | 1.299% |
| 42 | 6.392 | 696 | 698 | 701 | rVB  | 615775  | 460802  | 22.47% | 0.895% |
| 43 | 6.428 | 701 | 704 | 707 | rBV2 | 1269831 | 1252048 | 61.05% | 2.433% |
| 44 | 6.457 | 707 | 709 | 711 | rVV  | 533904  | 407307  | 19.86% | 0.791% |
| 45 | 6.481 | 711 | 713 | 715 | rVV  | 426607  | 413220  | 20.15% | 0.803% |

|    |       |     |     |     |      |         |         |        |        |
|----|-------|-----|-----|-----|------|---------|---------|--------|--------|
| 46 | 6.504 | 715 | 717 | 718 | rVV  | 459480  | 434629  | 21.19% | 0.845% |
| 47 | 6.528 | 718 | 721 | 723 | rVV  | 1923580 | 1727127 | 84.22% | 3.356% |
| 48 | 6.587 | 726 | 731 | 735 | rVB3 | 292705  | 438482  | 21.38% | 0.852% |
| 49 | 6.645 | 735 | 741 | 745 | rBV5 | 188901  | 423751  | 20.66% | 0.823% |
| 50 | 6.681 | 745 | 747 | 752 | rVV5 | 126085  | 205390  | 10.02% | 0.399% |

|    |       |     |     |     |      |         |         |        |        |
|----|-------|-----|-----|-----|------|---------|---------|--------|--------|
| 51 | 6.728 | 752 | 755 | 758 | rVV2 | 1432376 | 1346792 | 65.67% | 2.617% |
| 52 | 6.857 | 774 | 777 | 779 | rVB2 | 152489  | 128009  | 6.24%  | 0.249% |
| 53 | 6.904 | 781 | 785 | 787 | rVB  | 975523  | 828532  | 40.40% | 1.610% |
| 54 | 6.957 | 790 | 794 | 796 | rVB  | 297667  | 233497  | 11.39% | 0.454% |
| 55 | 7.039 | 805 | 808 | 812 | rBV4 | 270623  | 304257  | 14.84% | 0.591% |

|    |       |     |     |     |      |         |         |        |        |
|----|-------|-----|-----|-----|------|---------|---------|--------|--------|
| 56 | 7.081 | 812 | 815 | 818 | rVB  | 299034  | 253182  | 12.35% | 0.492% |
| 57 | 7.145 | 823 | 826 | 828 | rBV  | 493582  | 410821  | 20.03% | 0.798% |
| 58 | 7.169 | 828 | 830 | 833 | rVB2 | 721916  | 611681  | 29.83% | 1.189% |
| 59 | 7.216 | 836 | 838 | 845 | rVB2 | 1168063 | 1270626 | 61.96% | 2.469% |
| 60 | 7.275 | 845 | 848 | 849 | rBV2 | 270501  | 255852  | 12.48% | 0.497% |

|    |       |     |     |     |      |         |         |        |        |
|----|-------|-----|-----|-----|------|---------|---------|--------|--------|
| 61 | 7.292 | 849 | 851 | 854 | rVB  | 350447  | 282715  | 13.79% | 0.549% |
| 62 | 7.363 | 860 | 863 | 865 | rBV  | 261583  | 228030  | 11.12% | 0.443% |
| 63 | 7.386 | 865 | 867 | 869 | rVB  | 245663  | 187967  | 9.17%  | 0.365% |
| 64 | 7.434 | 869 | 875 | 877 | rBV  | 1294562 | 1160344 | 56.58% | 2.255% |
| 65 | 7.463 | 877 | 880 | 883 | rVV2 | 1556380 | 1411024 | 68.80% | 2.742% |

|    |       |     |     |     |      |        |        |        |        |
|----|-------|-----|-----|-----|------|--------|--------|--------|--------|
| 66 | 7.486 | 883 | 884 | 888 | rVB  | 355681 | 215887 | 10.53% | 0.419% |
| 67 | 7.539 | 888 | 893 | 896 | rBV3 | 286288 | 367835 | 17.94% | 0.715% |
| 68 | 7.581 | 896 | 900 | 902 | rBV2 | 181902 | 225790 | 11.01% | 0.439% |
| 69 | 7.669 | 912 | 915 | 917 | rVV  | 426319 | 340267 | 16.59% | 0.661% |
| 70 | 7.692 | 917 | 919 | 922 | rVB  | 255887 | 203539 | 9.93%  | 0.396% |

|    |       |     |     |     |      |        |        |        |        |
|----|-------|-----|-----|-----|------|--------|--------|--------|--------|
| 71 | 7.781 | 930 | 934 | 936 | rBV2 | 277074 | 305060 | 14.88% | 0.593% |
| 72 | 7.834 | 939 | 943 | 944 | rBV  | 252765 | 246080 | 12.00% | 0.478% |
| 73 | 7.851 | 944 | 946 | 950 | rVB2 | 372591 | 407997 | 19.89% | 0.793% |
| 74 | 7.898 | 950 | 954 | 955 | rBV2 | 182566 | 187028 | 9.12%  | 0.363% |
| 75 | 7.922 | 955 | 958 | 960 | rVV2 | 686092 | 656404 | 32.01% | 1.275% |

|    |       |     |     |     |     |        |        |        |        |
|----|-------|-----|-----|-----|-----|--------|--------|--------|--------|
| 76 | 7.945 | 960 | 962 | 964 | rVB | 314215 | 232885 | 11.36% | 0.453% |
|----|-------|-----|-----|-----|-----|--------|--------|--------|--------|

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 ClientSampleId :  
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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

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Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 7.998  | 967  | 971  | 973  | rVB2 | 259952  | 279159  | 13.61%  | 0.542% |
| 78  | 8.045  | 977  | 979  | 983  | rVB  | 284431  | 246824  | 12.04%  | 0.480% |
| 79  | 8.186  | 987  | 1003 | 1008 | rBV4 | 912871  | 2050769 | 100.00% | 3.985% |
| 80  | 8.228  | 1008 | 1010 | 1014 | rVB2 | 443489  | 391547  | 19.09%  | 0.761% |
| 81  | 8.263  | 1014 | 1016 | 1019 | rBV2 | 194277  | 181514  | 8.85%   | 0.353% |
| 82  | 8.345  | 1024 | 1030 | 1034 | rBV4 | 116341  | 208155  | 10.15%  | 0.404% |
| 83  | 8.469  | 1047 | 1051 | 1055 | rVB3 | 206894  | 314384  | 15.33%  | 0.611% |
| 84  | 8.563  | 1063 | 1067 | 1069 | rVV3 | 183289  | 224561  | 10.95%  | 0.436% |
| 85  | 8.592  | 1069 | 1072 | 1074 | rVV3 | 196765  | 170941  | 8.34%   | 0.332% |
| 86  | 8.686  | 1086 | 1088 | 1093 | rVV3 | 140422  | 166414  | 8.11%   | 0.323% |
| 87  | 8.763  | 1099 | 1101 | 1106 | rVV3 | 347388  | 335568  | 16.36%  | 0.652% |
| 88  | 8.898  | 1121 | 1124 | 1127 | rVB  | 179734  | 151161  | 7.37%   | 0.294% |
| 89  | 9.257  | 1181 | 1185 | 1188 | rBV  | 2439700 | 2016881 | 98.35%  | 3.919% |
| 90  | 9.333  | 1194 | 1198 | 1201 | rBV  | 359679  | 336980  | 16.43%  | 0.655% |
| 91  | 9.651  | 1249 | 1252 | 1254 | rVV2 | 192272  | 187307  | 9.13%   | 0.364% |
| 92  | 9.863  | 1280 | 1288 | 1292 | rBV  | 334045  | 315838  | 15.40%  | 0.614% |
| 93  | 9.939  | 1296 | 1301 | 1304 | rVV  | 846492  | 748325  | 36.49%  | 1.454% |
| 94  | 10.363 | 1366 | 1373 | 1375 | rBV  | 233777  | 227853  | 11.11%  | 0.443% |
| 95  | 10.733 | 1432 | 1436 | 1439 | rBV  | 1207465 | 1092888 | 53.29%  | 2.124% |
| 96  | 10.833 | 1450 | 1453 | 1459 | rVB2 | 160323  | 225865  | 11.01%  | 0.439% |
| 97  | 11.433 | 1551 | 1555 | 1557 | rBV  | 855388  | 697069  | 33.99%  | 1.354% |
| 98  | 13.016 | 1820 | 1824 | 1828 | rVB  | 1779373 | 1517246 | 73.98%  | 2.948% |
| 99  | 14.074 | 2001 | 2004 | 2008 | rBV  | 445172  | 412549  | 20.12%  | 0.802% |
| 100 | 15.574 | 2254 | 2259 | 2268 | rVB2 | 409225  | 554608  | 27.04%  | 1.078% |

Sum of corrected areas: 51463389



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ClientSampleId :  
UNK-NORTH

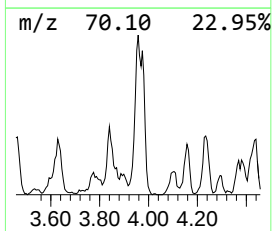
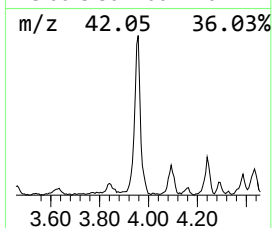
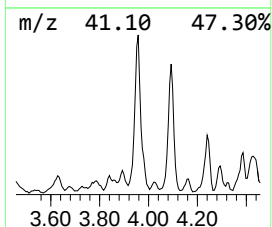
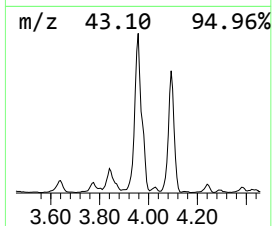
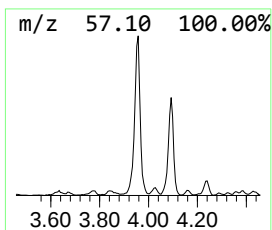
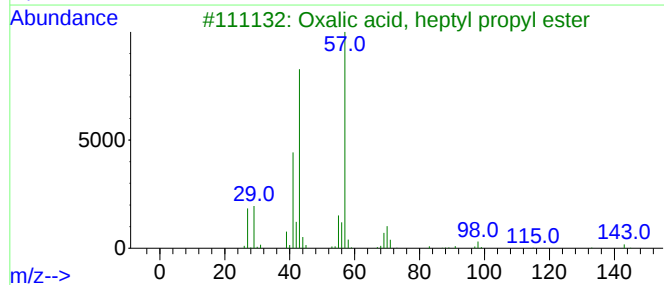
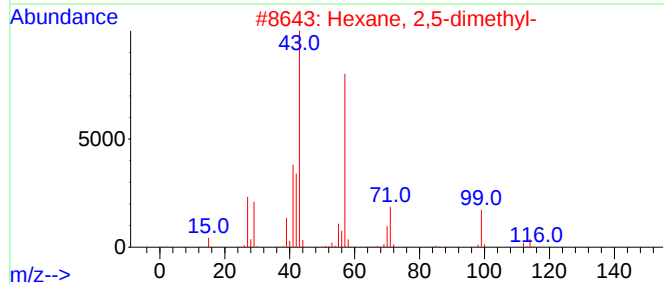
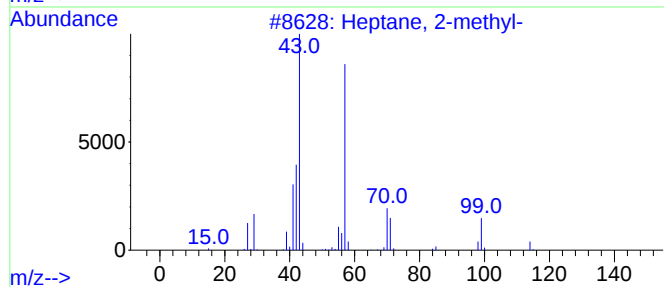
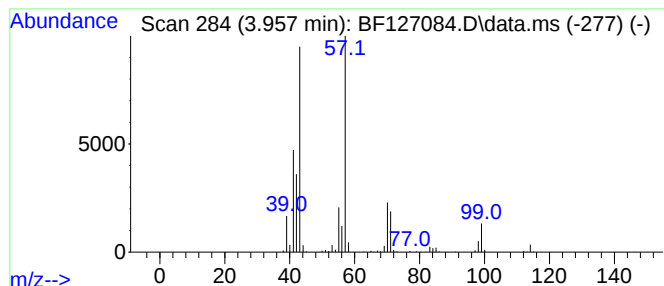
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Heptane, 2-methyl- Concentration Rank 8

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.957 | 21.58 ng | 893810 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Heptane, 2-methyl-                  | 114 | C8H18     | 000592-27-8  | 91   |
| 2    |    |   | Hexane, 2,5-dimethyl-               | 114 | C8H18     | 000592-13-2  | 64   |
| 3    |    |   | Oxalic acid, heptyl propyl ester    | 230 | C12H22O4  | 1000309-26-0 | 50   |
| 4    |    |   | Sulfurous acid, 2-propyl heptyl ... | 222 | C10H22O3S | 1000309-11-8 | 50   |
| 5    |    |   | Butane, 1-(ethenyl)-3-methyl-       | 114 | C7H14O    | 039782-38-2  | 43   |



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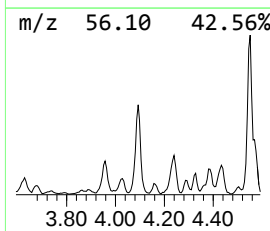
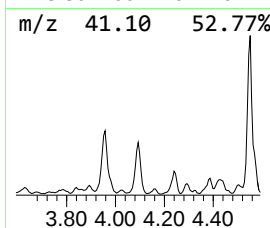
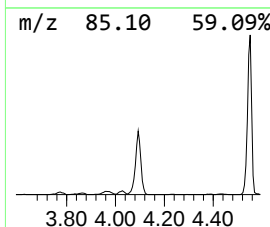
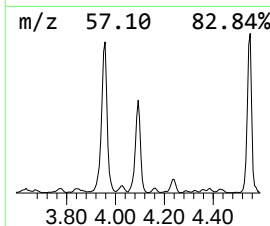
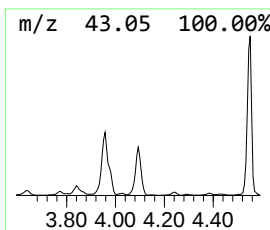
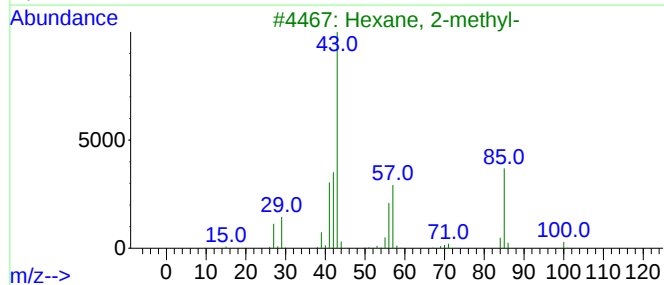
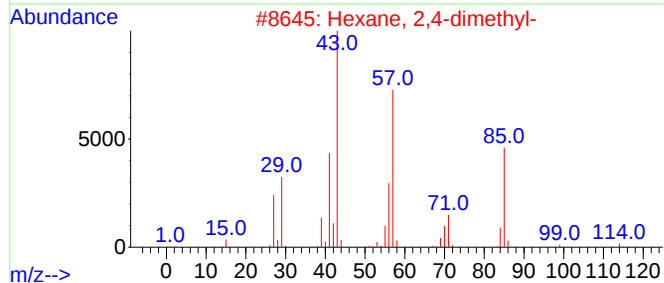
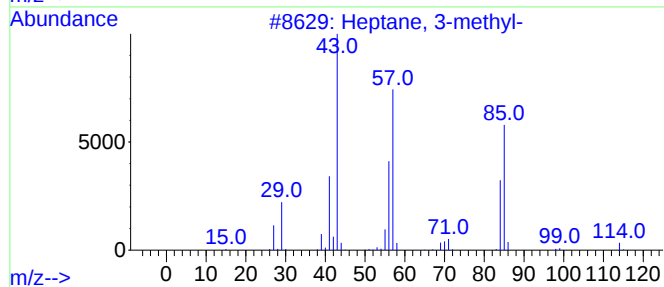
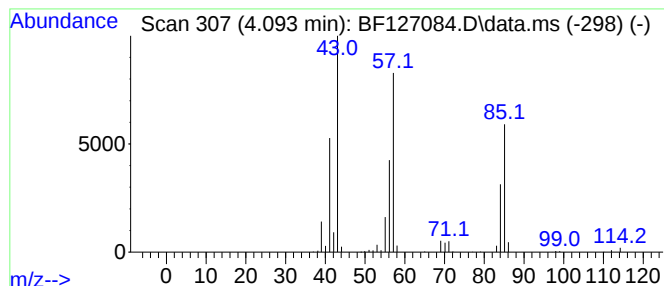
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Heptane, 3-methyl- Concentration Rank 13

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.093 | 15.15 ng | 627812 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 3-methyl-        | 114 | C8H18   | 000589-81-1 | 83   |
| 2    |    |   | Hexane, 2,4-dimethyl-     | 114 | C8H18   | 000589-43-5 | 72   |
| 3    |    |   | Hexane, 2-methyl-         | 100 | C7H16   | 000591-76-4 | 64   |
| 4    |    |   | Hexane, 3-ethyl-2-methyl- | 128 | C9H20   | 016789-46-1 | 53   |
| 5    |    |   | Butane, 2,2,3-trimethyl-  | 100 | C7H16   | 000464-06-2 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

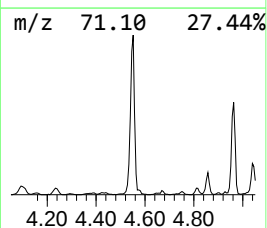
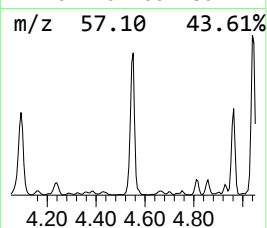
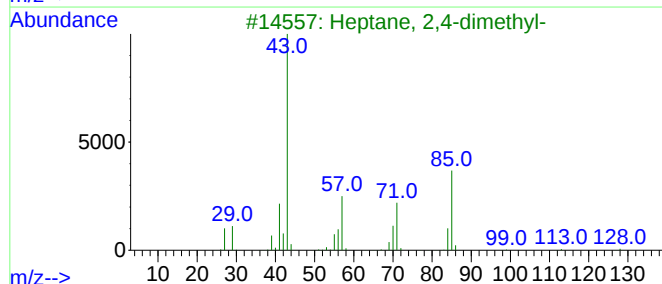
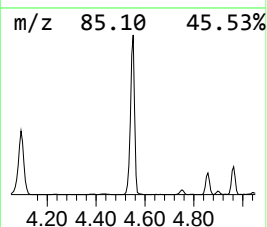
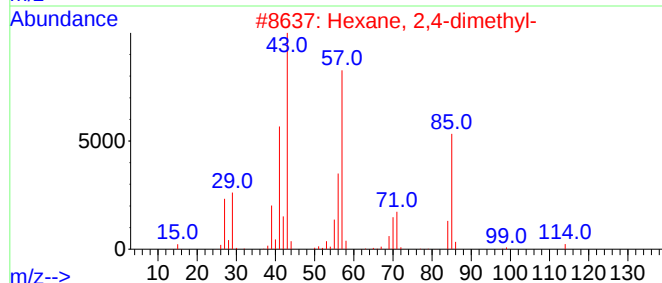
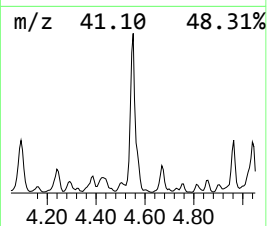
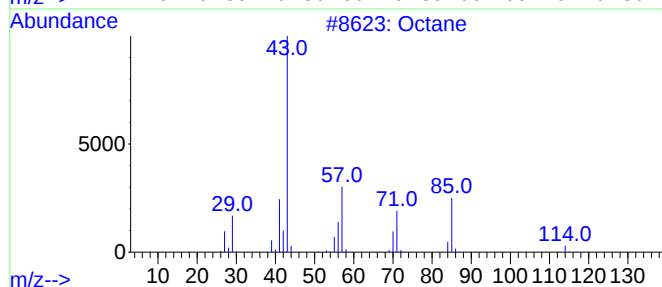
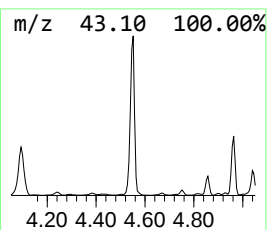
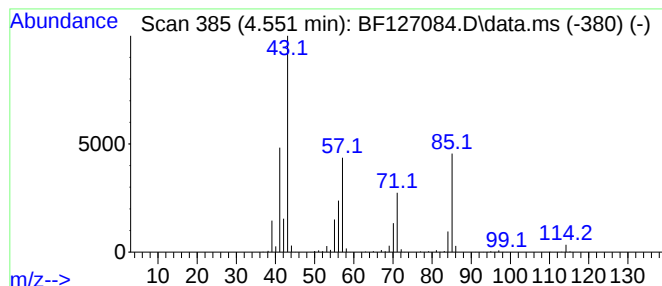
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Octane Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 4.551 | 38.27 ng | 1585420 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Octane                 |   |              | 114 | C8H18   | 000111-65-9 | 87   |
| 2    | Hexane, 2,4-dimethyl-  |   |              | 114 | C8H18   | 000589-43-5 | 83   |
| 3    | Heptane, 2,4-dimethyl- |   |              | 128 | C9H20   | 002213-23-2 | 72   |
| 4    | Hexane, 2-methyl-      |   |              | 100 | C7H16   | 000591-76-4 | 59   |
| 5    | Ether, hexyl pentyl    |   |              | 172 | C11H24O | 032357-83-8 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

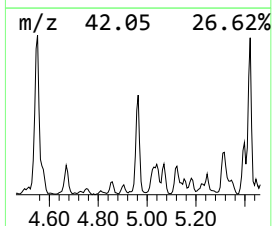
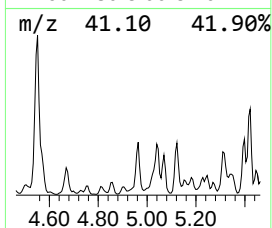
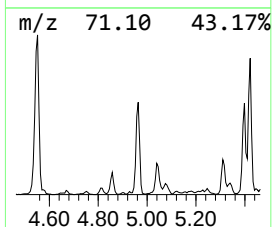
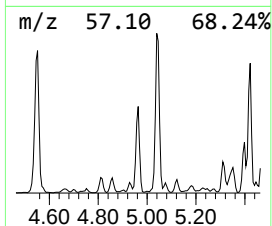
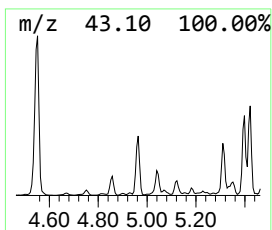
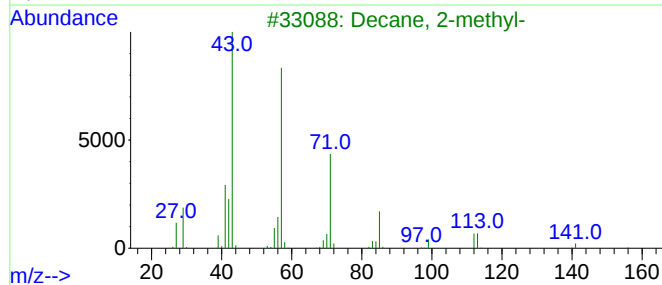
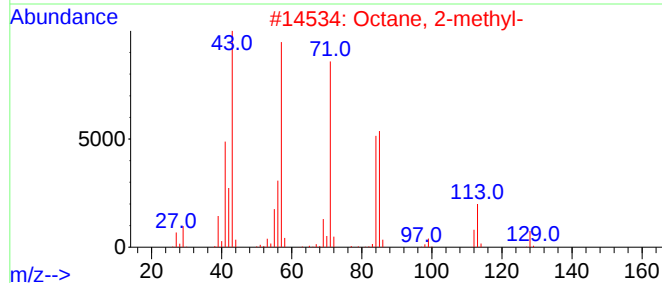
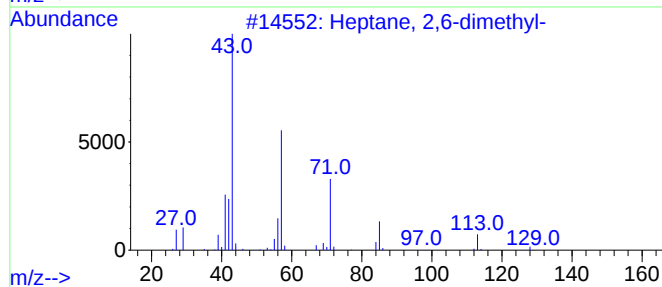
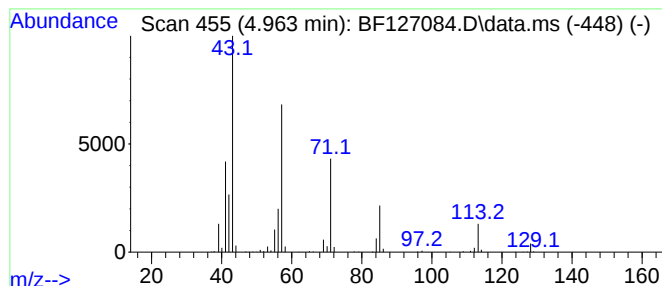
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heptane, 2,6-dimethyl- Concentration Rank 15

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.963 | 14.22 ng | 588896 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 2,6-dimethyl-    | 128 | C9H20   | 001072-05-5 | 91   |
| 2    |    |   | Octane, 2-methyl-         | 128 | C9H20   | 003221-61-2 | 91   |
| 3    |    |   | Decane, 2-methyl-         | 156 | C11H24  | 006975-98-0 | 72   |
| 4    |    |   | Nonane                    | 128 | C9H20   | 000111-84-2 | 53   |
| 5    |    |   | Pentane, 2,3,3-trimethyl- | 114 | C8H18   | 000560-21-4 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
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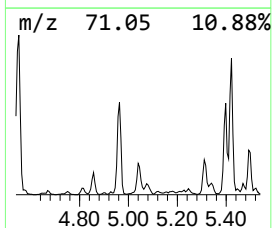
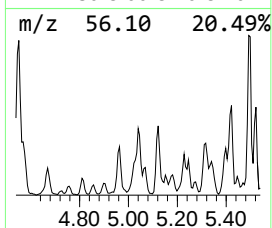
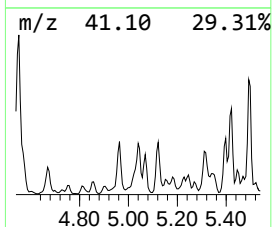
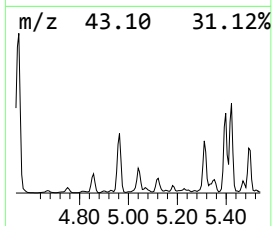
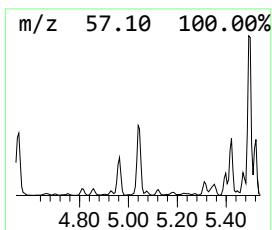
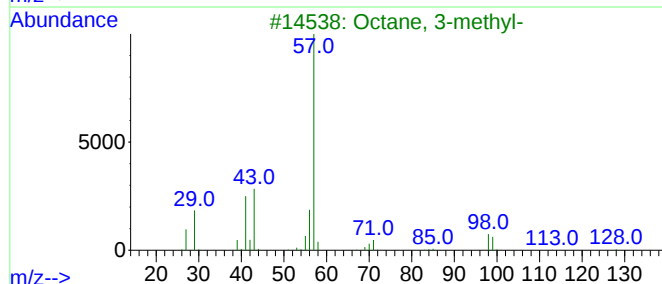
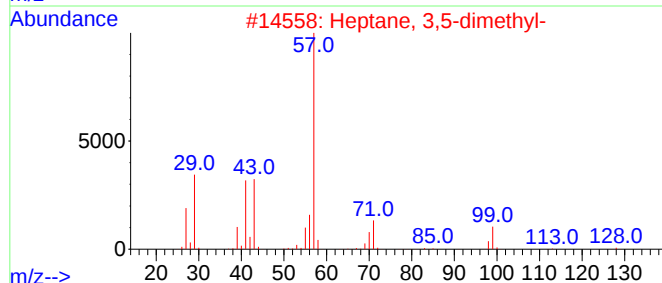
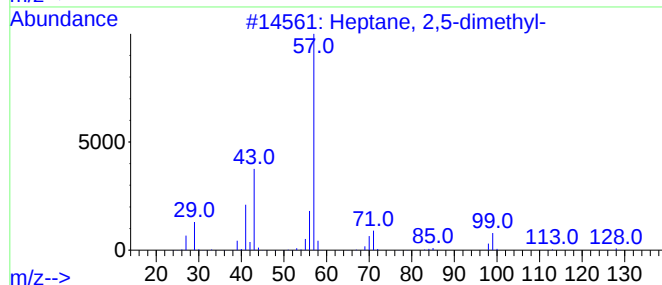
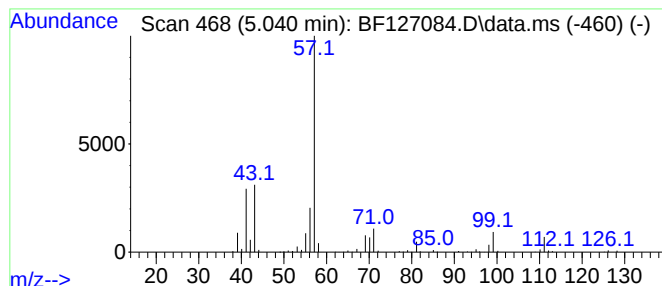
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Heptane, 2,5-dimethyl- Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.040 | 15.81 ng | 654881 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 2,5-dimethyl-       | 128 | C9H20   | 002216-30-0 | 74   |
| 2    |    |   | Heptane, 3,5-dimethyl-       | 128 | C9H20   | 000926-82-9 | 62   |
| 3    |    |   | Octane, 3-methyl-            | 128 | C9H20   | 002216-33-3 | 53   |
| 4    |    |   | Butane, 2,2,3,3-tetramethyl- | 114 | C8H18   | 000594-82-1 | 47   |
| 5    |    |   | Decane, 2,5,9-trimethyl-     | 184 | C13H28  | 062108-22-9 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
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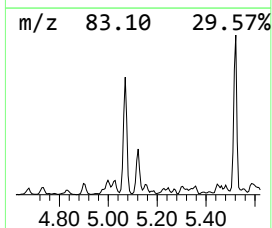
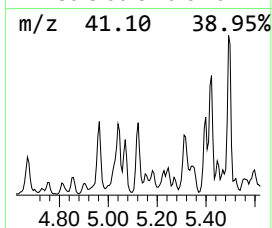
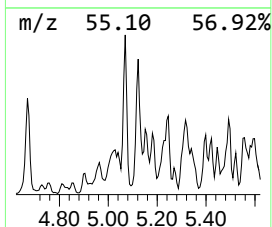
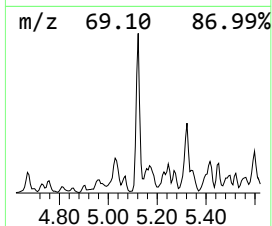
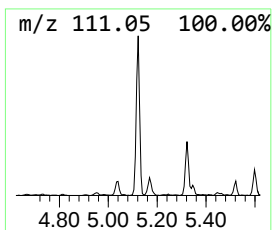
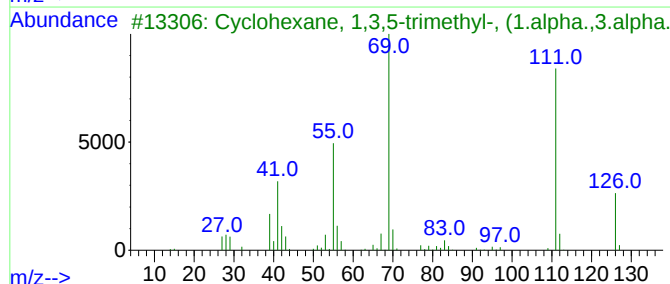
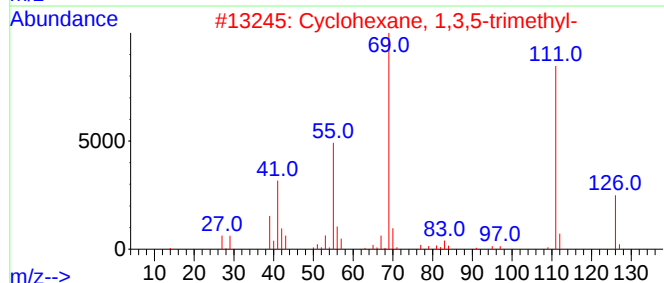
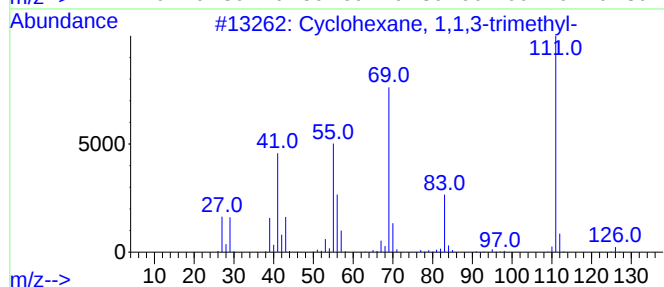
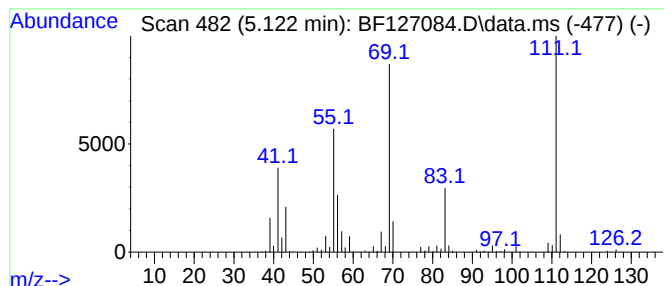
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 12

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.122 | 15.20 ng | 629688 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,1,3-trimethyl-        | 126 | C9H18   | 003073-66-3 | 91   |
| 2    |    |   | Cyclohexane, 1,3,5-trimethyl-        | 126 | C9H18   | 001839-63-0 | 64   |
| 3    |    |   | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001795-27-3 | 64   |
| 4    |    |   | 1-Hexene, 3,3-dimethyl-              | 112 | C8H16   | 003404-77-1 | 46   |
| 5    |    |   | 3-Hexene, 2,5-dimethyl-              | 112 | C8H16   | 015910-22-2 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

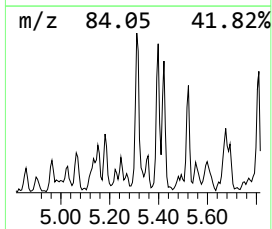
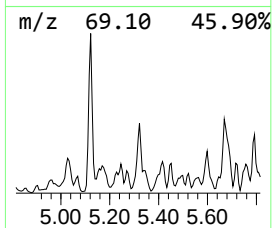
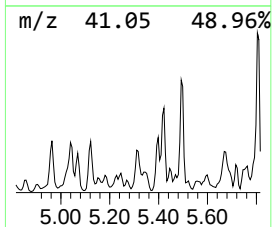
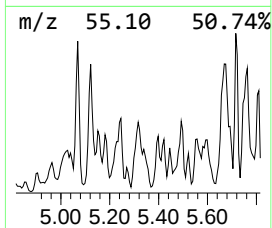
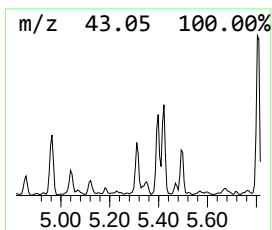
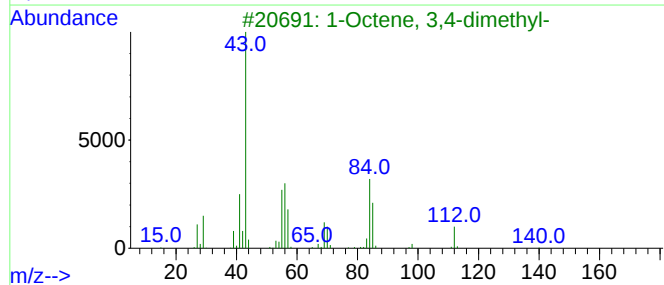
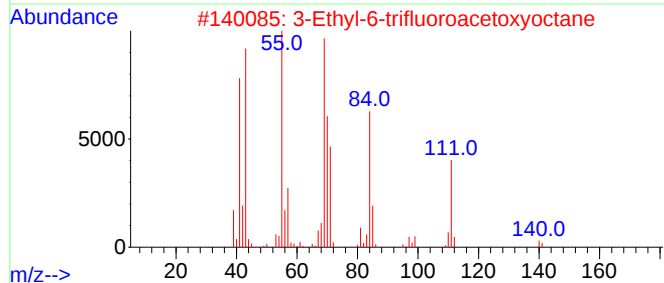
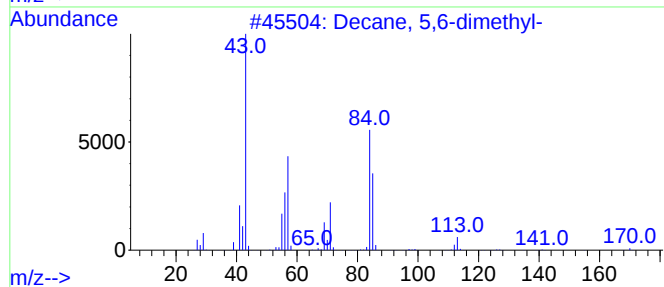
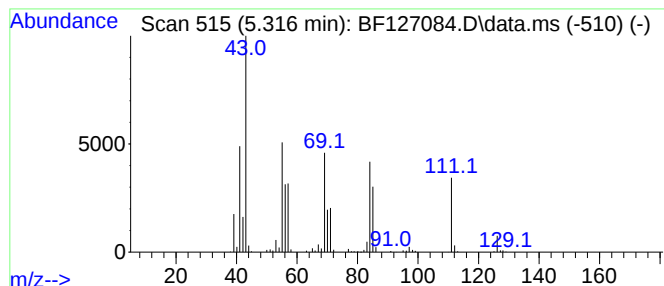
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Decane, 5,6-dimethyl- Concentration Rank 16

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.316 | 13.57 ng | 562331 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm    | CAS#         | Qual |
|------|------|----------------------------------|-----|------------|--------------|------|
| 1    |      | Decane, 5,6-dimethyl-            | 170 | C12H26     | 001636-43-7  | 53   |
| 2    |      | 3-Ethyl-6-trifluoroacetoxyoctane | 254 | C12H21F3O2 | 1010215-97-3 | 50   |
| 3    |      | 1-Octene, 3,4-dimethyl-          | 140 | C10H20     | 056728-11-1  | 50   |
| 4    |      | Heptane, 2,3-dimethyl-           | 128 | C9H20      | 003074-71-3  | 50   |
| 5    |      | Hexane, 3-ethyl-                 | 114 | C8H18      | 000619-99-8  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

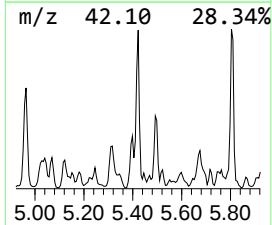
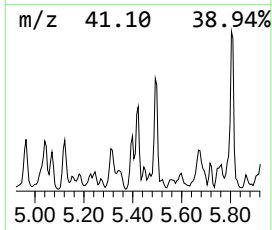
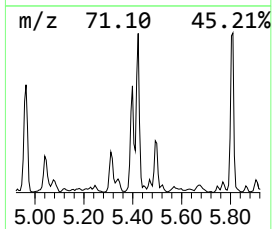
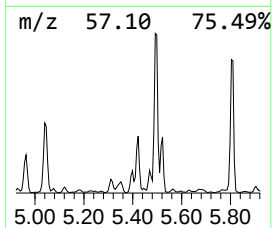
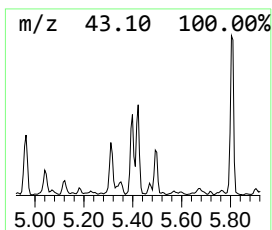
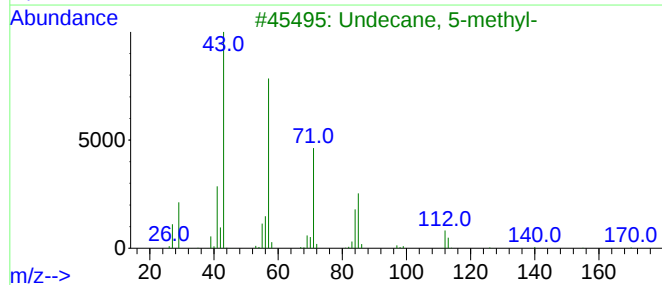
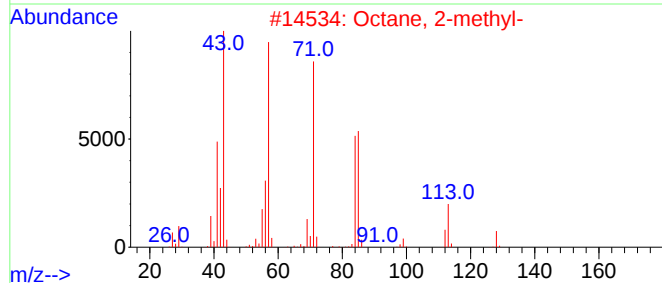
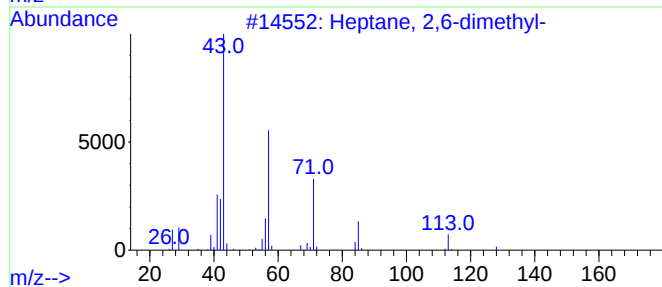
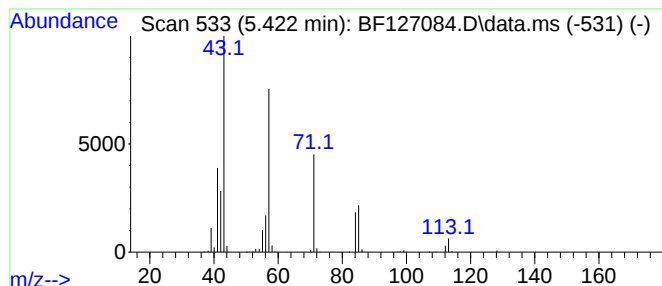
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Octane, 2-methyl- Concentration Rank 17

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.422 | 12.58 ng | 521027 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Heptane, 2,6-dimethyl- | 128 | C9H20   | 001072-05-5 | 80   |
| 2    |      | Octane, 2-methyl-      | 128 | C9H20   | 003221-61-2 | 78   |
| 3    |      | Undecane, 5-methyl-    | 170 | C12H26  | 001632-70-8 | 72   |
| 4    |      | Decane, 2,9-dimethyl-  | 170 | C12H26  | 001002-17-1 | 64   |
| 5    |      | Decane, 2,4-dimethyl-  | 170 | C12H26  | 002801-84-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

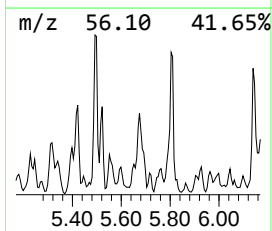
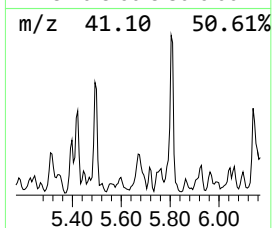
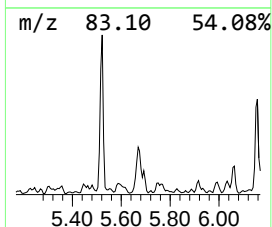
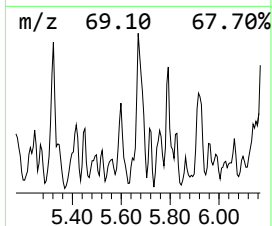
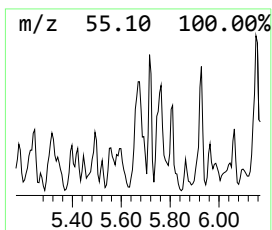
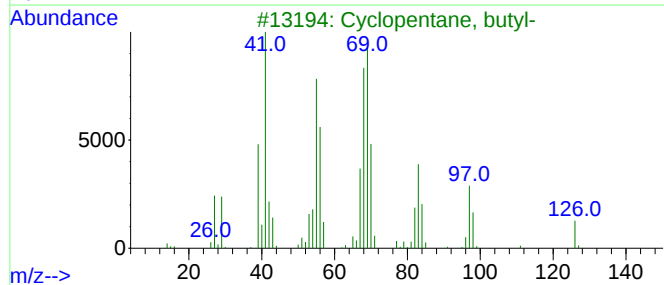
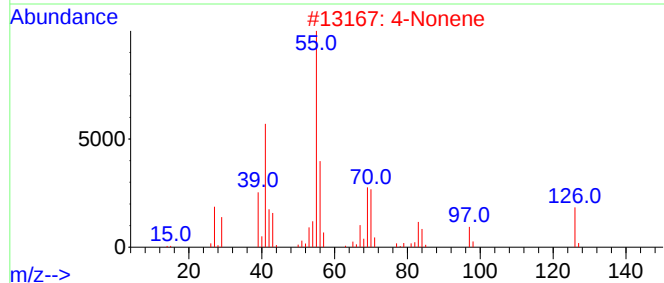
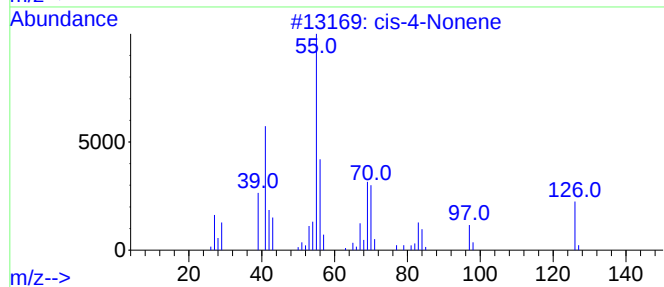
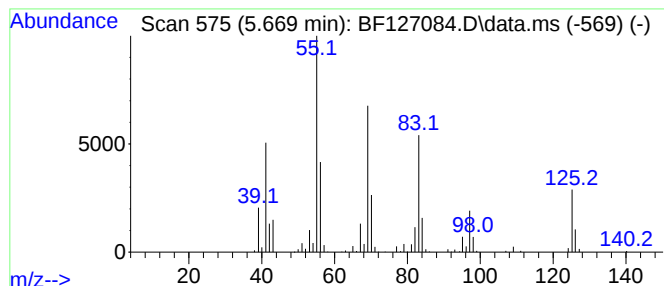
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ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.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 cis-4-Nonene Concentration Rank 9

| R.T.      | EstConc                            | Area   | Relative to ISTD       | R.T.        |      |
|-----------|------------------------------------|--------|------------------------|-------------|------|
| 5.669     | 16.22 ng                           | 672141 | 1,4-Dichlorobenzene-d4 | 6.904       |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm                | CAS#        | Qual |
| 1         | cis-4-Nonene                       | 126    | C9H18                  | 010405-84-2 | 58   |
| 2         | 4-Nonene                           | 126    | C9H18                  | 002198-23-4 | 52   |
| 3         | Cyclopentane, butyl-               | 126    | C9H18                  | 002040-95-1 | 50   |
| 4         | cis-3-Nonene                       | 126    | C9H18                  | 020237-46-1 | 49   |
| 5         | Cyclooctane, 1,4-dimethyl-, trans- | 140    | C10H20                 | 013151-98-9 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

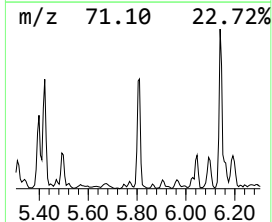
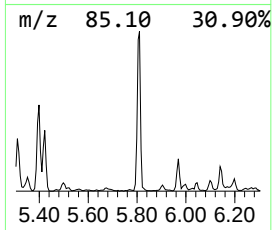
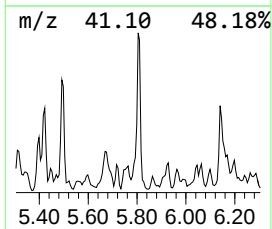
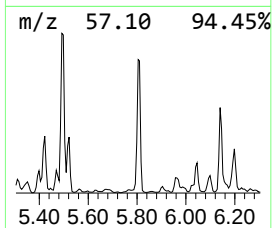
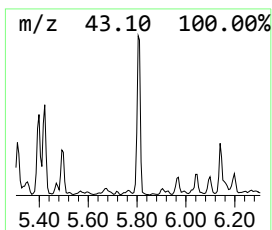
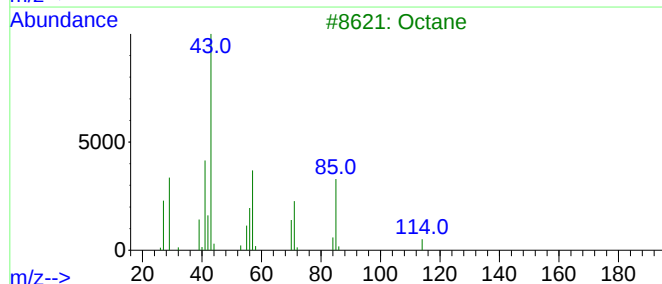
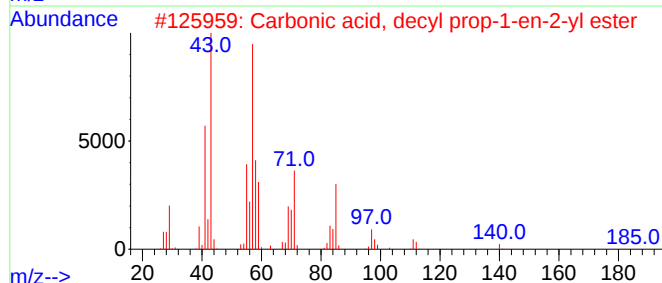
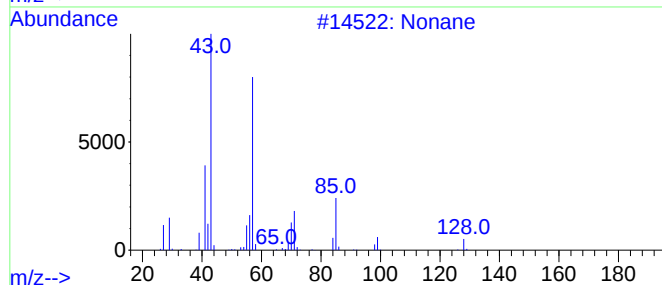
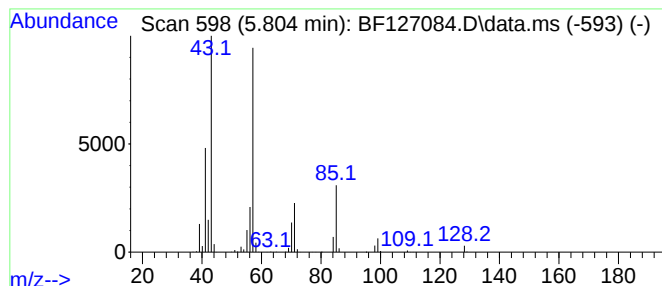
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Nonane Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.804 | 33.73 ng | 1397160 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane                              | 128 | C9H20    | 000111-84-2  | 91   |
| 2    |    |   | Carbonic acid, decyl prop-1-en-2... | 242 | C14H26O3 | 1000382-90-5 | 72   |
| 3    |    |   | Octane                              | 114 | C8H18    | 000111-65-9  | 64   |
| 4    |    |   | Hexane, 2,3,5-trimethyl-            | 128 | C9H20    | 001069-53-0  | 64   |
| 5    |    |   | 1-Iodo-2-methylnonane               | 268 | C10H21I  | 1000101-47-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

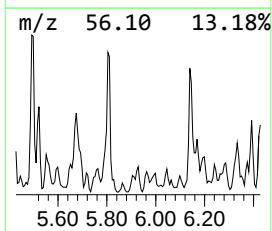
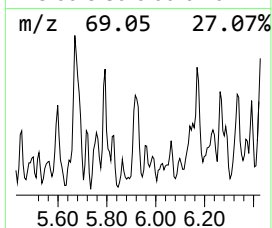
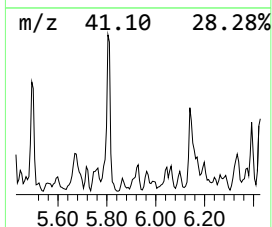
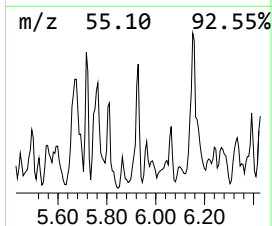
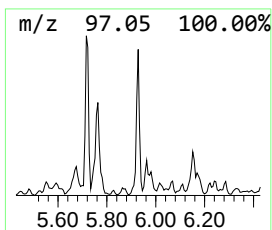
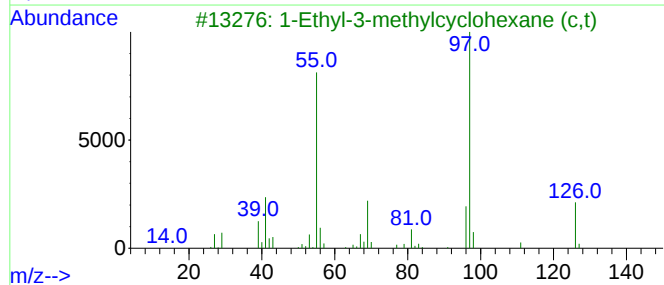
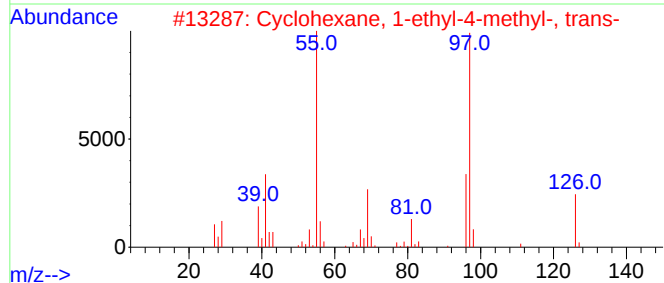
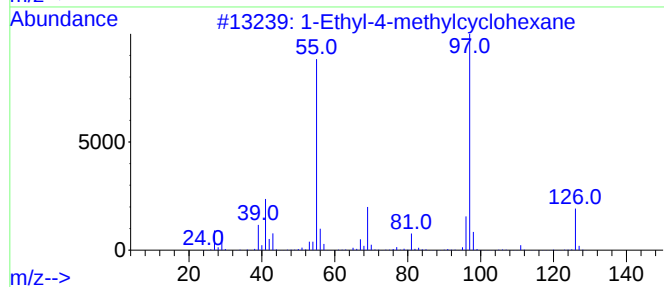
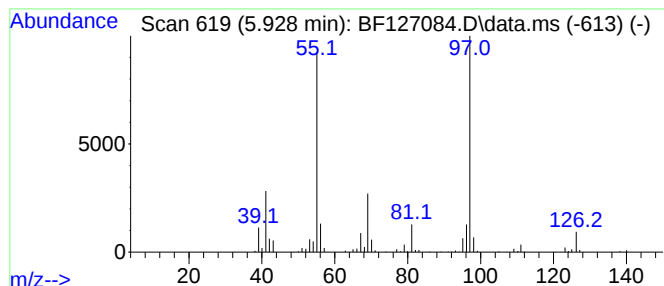
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 1-Ethyl-4-methylcyclohexane Concentration Rank 20

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.928 | 10.70 ng | 443198 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Ethyl-4-methylcyclohexane         | 126 | C9H18   | 003728-56-1 | 91   |
| 2    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 006236-88-0 | 83   |
| 3    |    |   | 1-Ethyl-3-methylcyclohexane (c,t)   | 126 | C9H18   | 003728-55-0 | 83   |
| 4    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 83   |
| 5    |    |   | Cyclohexane, 1-ethyl-2-methyl-      | 126 | C9H18   | 003728-54-9 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

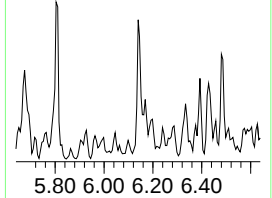
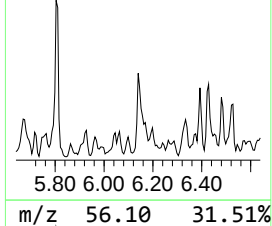
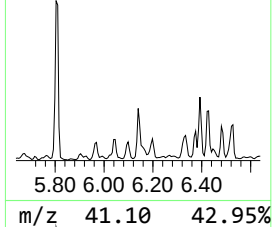
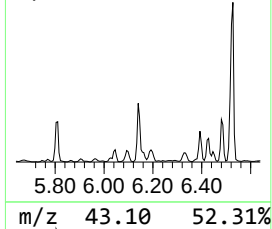
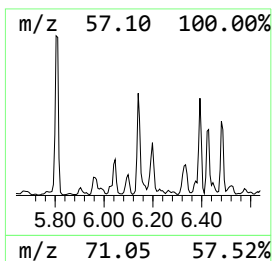
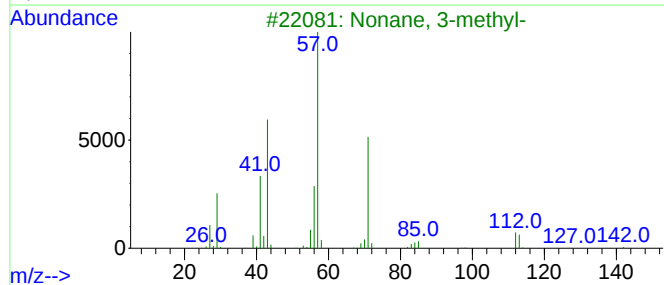
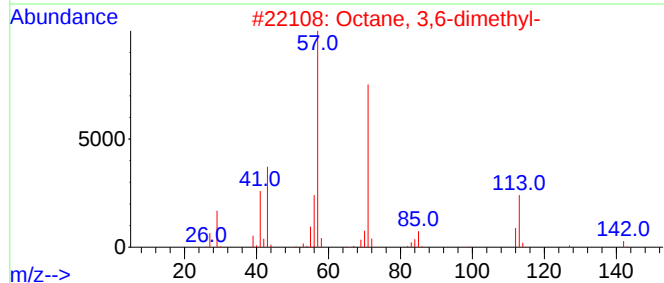
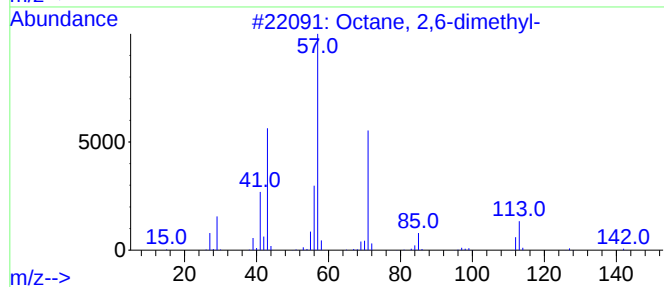
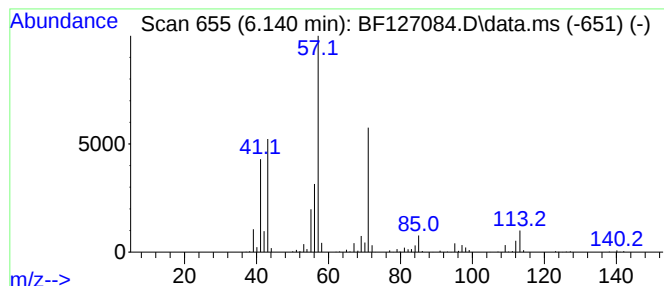
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.140 | 32.25 ng | 1335940 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-   | 142 | C10H22  | 002051-30-1 | 87   |
| 2    |    |   | Octane, 3,6-dimethyl-   | 142 | C10H22  | 015869-94-0 | 86   |
| 3    |    |   | Nonane, 3-methyl-       | 142 | C10H22  | 005911-04-6 | 83   |
| 4    |    |   | Decane, 3,8-dimethyl-   | 170 | C12H26  | 017312-55-9 | 64   |
| 5    |    |   | Undecane, 6,6-dimethyl- | 184 | C13H28  | 017312-76-4 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

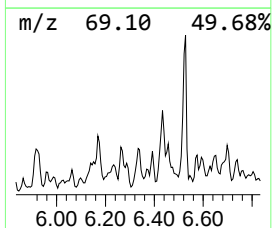
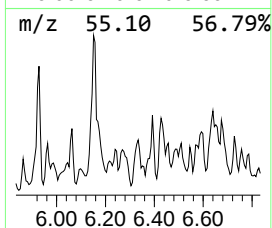
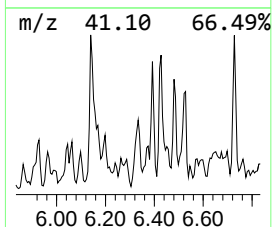
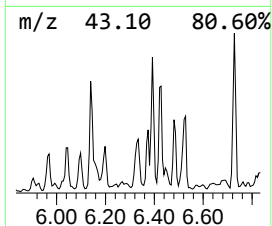
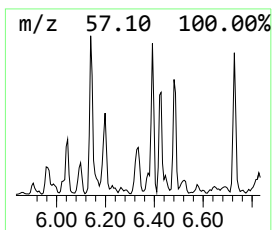
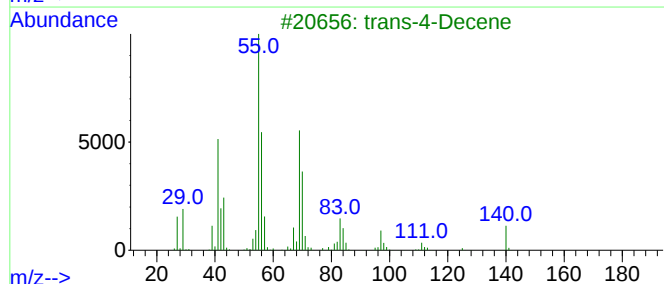
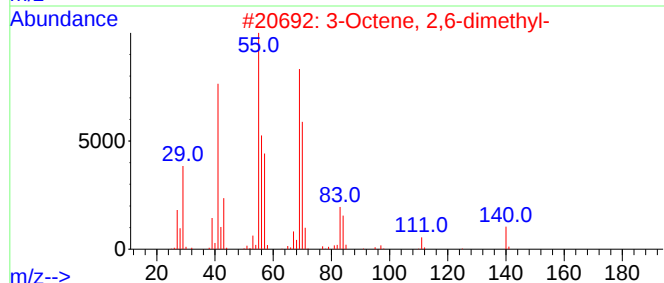
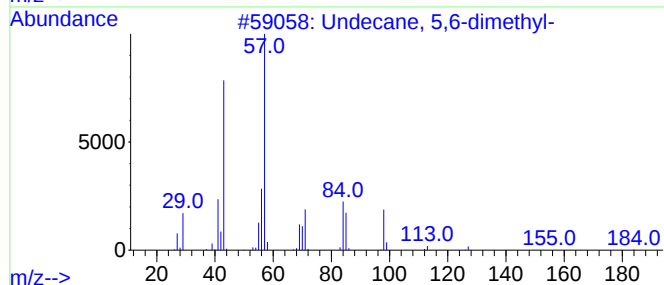
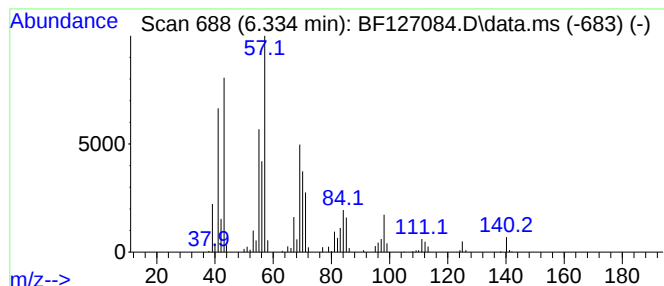
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Undecane, 5,6-dimethyl- Concentration Rank 18

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 6.334 | 12.31 ng | 509808 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Undecane, 5,6-dimethyl-             | 184 | C13H28     | 017615-91-7  | 50   |
| 2    |    |   | 3-Octene, 2,6-dimethyl-             | 140 | C10H20     | 006874-28-8  | 45   |
| 3    |    |   | trans-4-Decene                      | 140 | C10H20     | 019398-89-1  | 43   |
| 4    |    |   | 3-Decene                            | 140 | C10H20     | 019398-37-9  | 41   |
| 5    |    |   | 2-Propyl-1-pentanol, pentafluoro... | 276 | C11H17F5O2 | 1000365-51-2 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

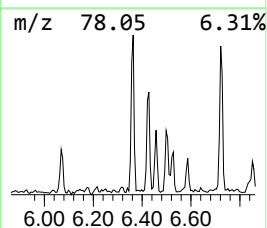
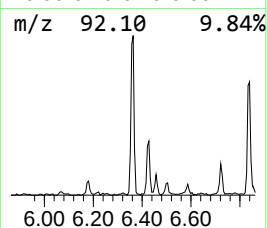
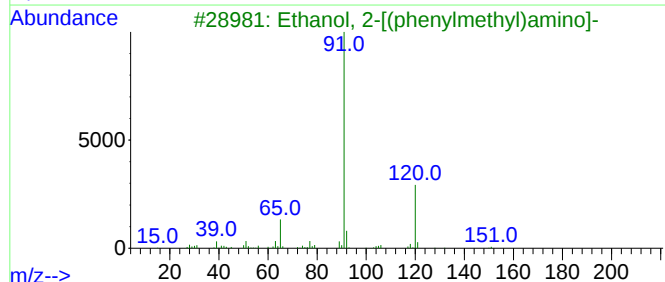
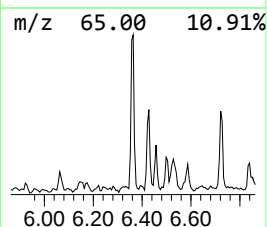
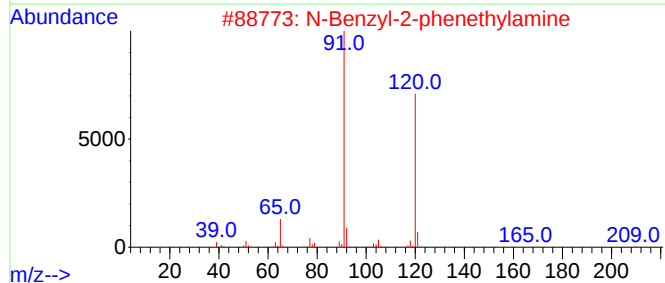
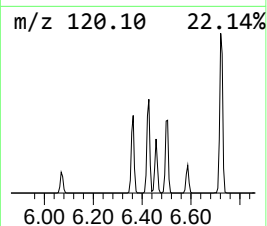
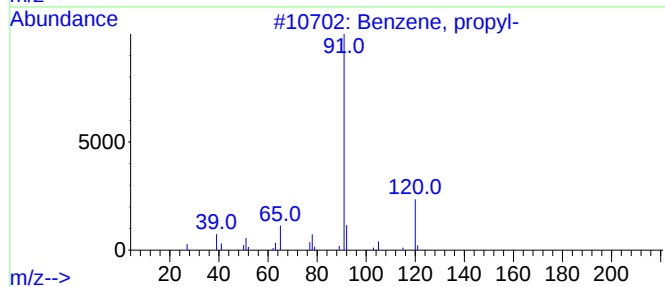
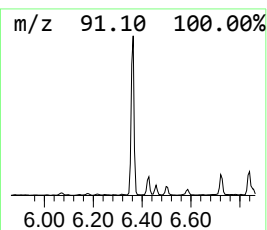
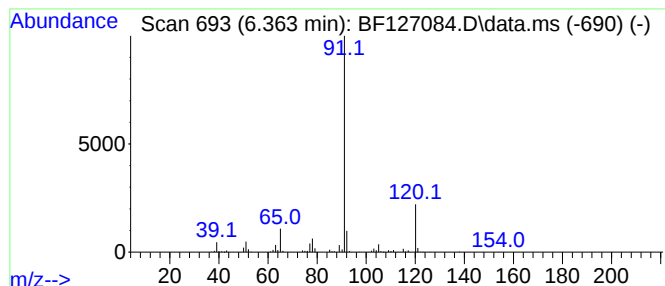
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Benzene, propyl- Concentration Rank 10

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 6.363 | 16.14 ng | 668703 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | Benzene, propyl-                    | 120 | C9H12      | 000103-65-1 | 93   |
| 2    |      | N-Benzyl-2-phenethylamine           | 211 | C15H17N    | 003647-71-0 | 83   |
| 3    |      | Ethanol, 2-[(phenylmethyl)amino]-   | 151 | C9H13NO    | 000104-63-2 | 72   |
| 4    |      | N-Isobutyl(phenyl)methanesulfona... | 227 | C11H17NO2S | 144615-94-1 | 64   |
| 5    |      | 1-Benzylamino-2-benzyloxyethane     | 241 | C16H19NO   | 038336-06-0 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

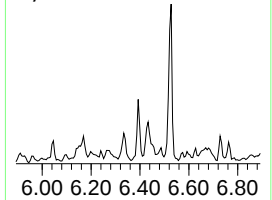
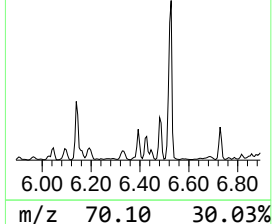
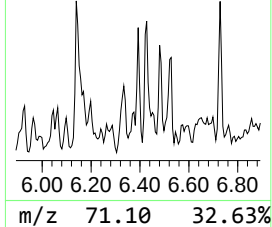
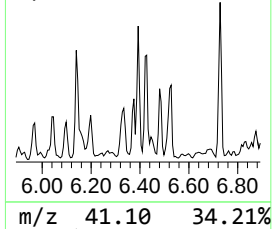
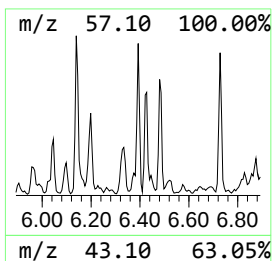
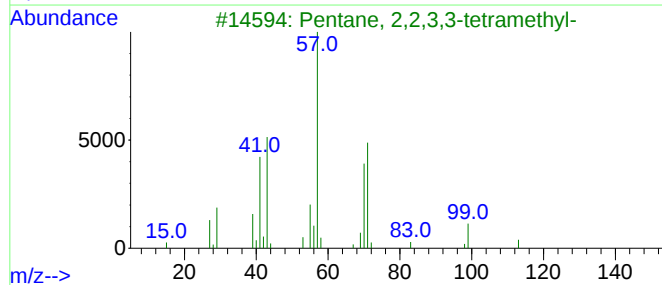
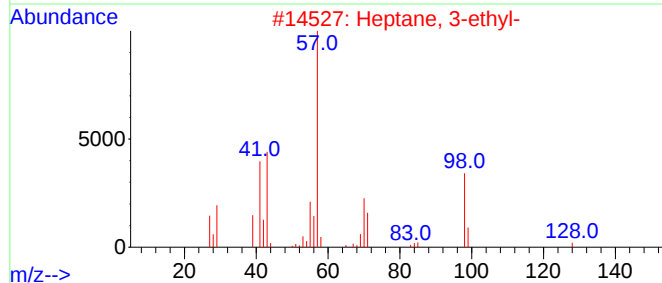
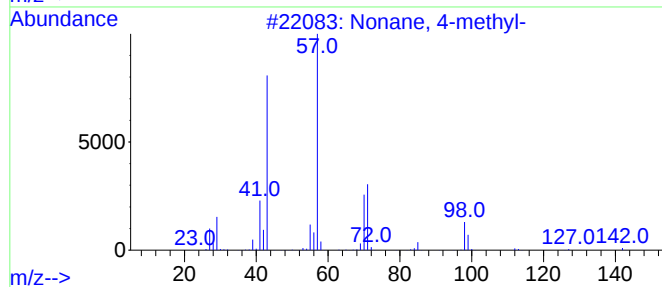
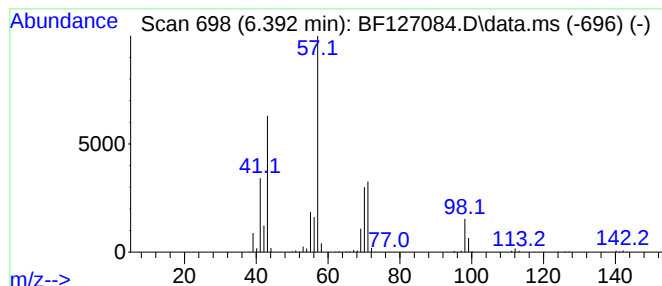
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Nonane, 4-methyl- Concentration Rank 19

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 6.392 | 11.12 ng | 460802 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------|-----|---------|-------------|------|
| 1    |      | Nonane, 4-methyl-             | 142 | C10H22  | 017301-94-9 | 80   |
| 2    |      | Heptane, 3-ethyl-             | 128 | C9H20   | 015869-80-4 | 72   |
| 3    |      | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20   | 007154-79-2 | 59   |
| 4    |      | Undecane, 2,6-dimethyl-       | 184 | C13H28  | 017301-23-4 | 59   |
| 5    |      | Octane, 3,5-dimethyl-         | 142 | C10H22  | 015869-93-9 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

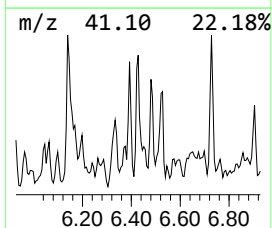
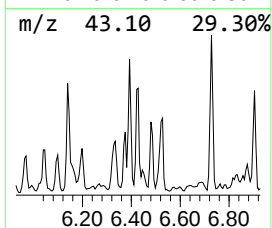
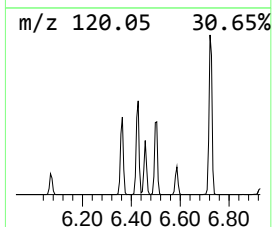
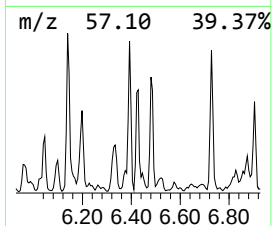
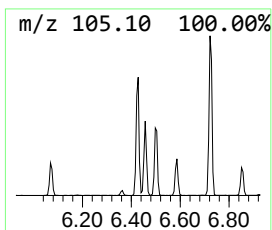
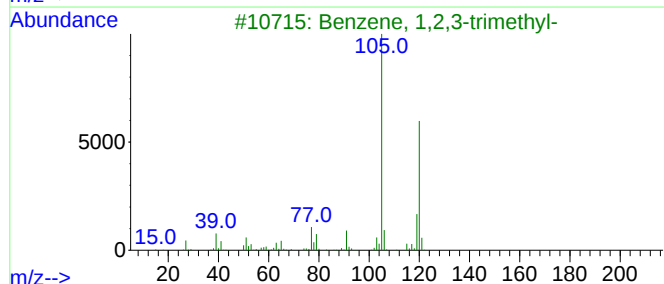
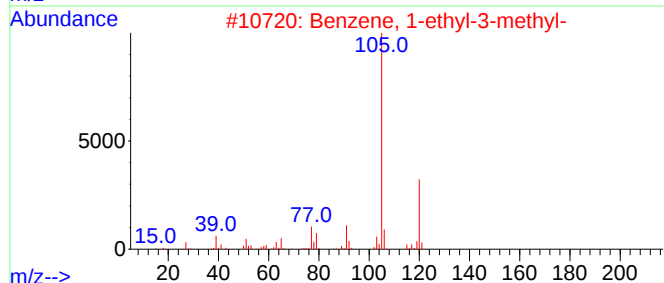
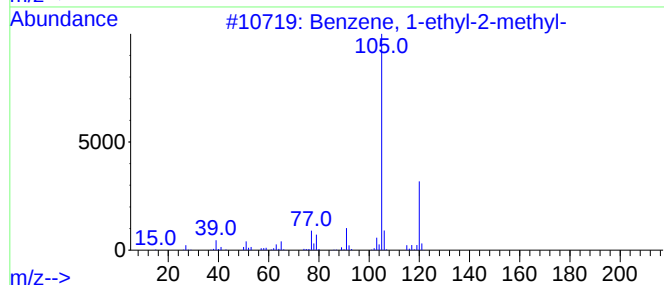
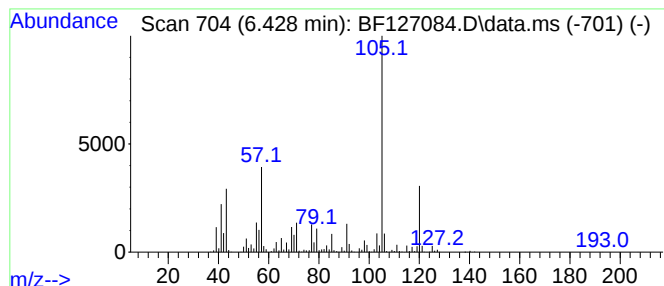
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.428 | 30.22 ng | 1252050 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 90   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

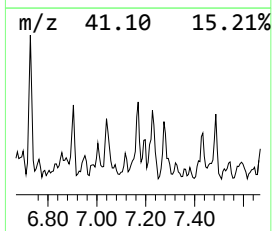
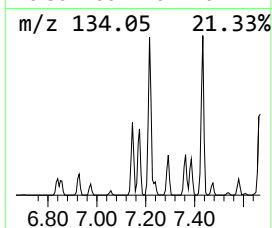
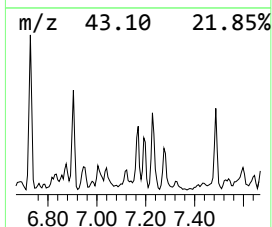
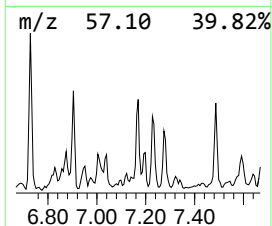
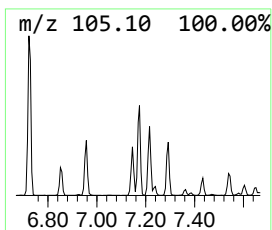
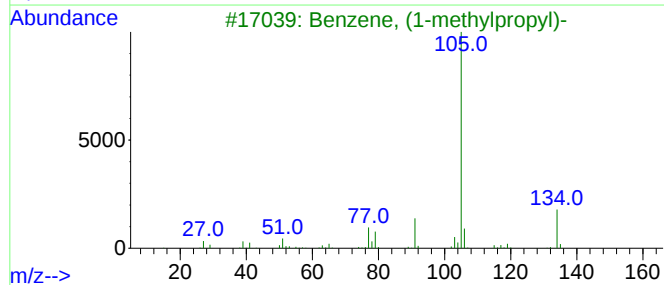
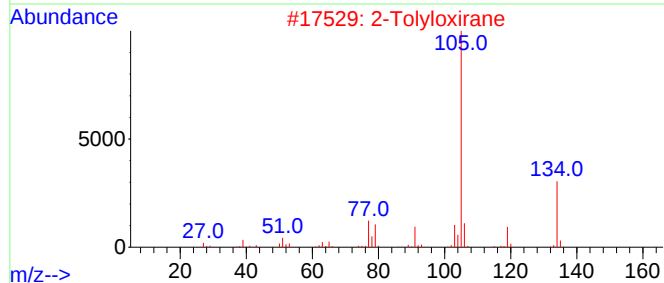
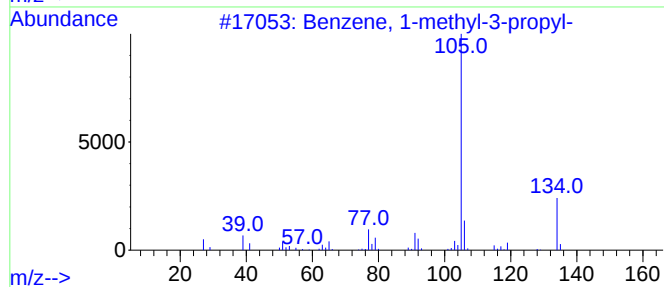
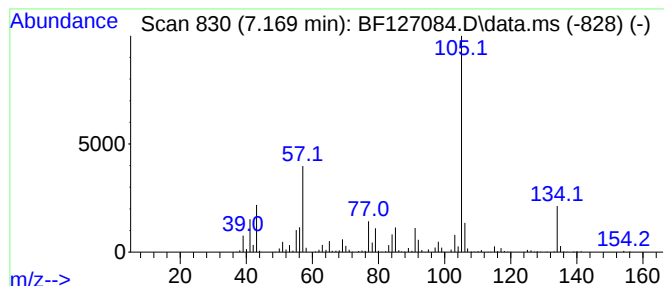
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Benzene, 1-methyl-3-propyl- Concentration Rank 14

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 7.169 | 14.77 ng | 611681 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 93   |
| 2    |    |   | 2-Tolyloxirane              | 134 | C9H10O  | 002783-26-8 | 76   |
| 3    |    |   | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 76   |
| 4    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 76   |
| 5    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
Data File : BF127084.D  
Acq On : 25 Feb 2022 21:29  
Operator : CG\JU  
Sample : N1655-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
UNK-NORTH

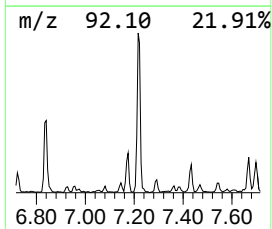
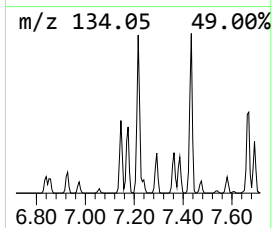
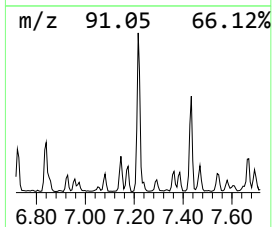
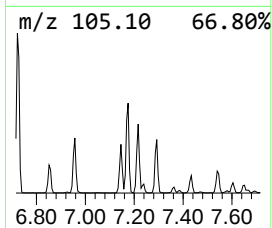
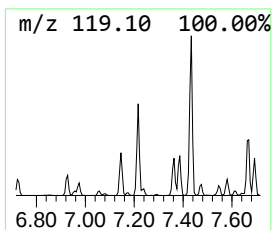
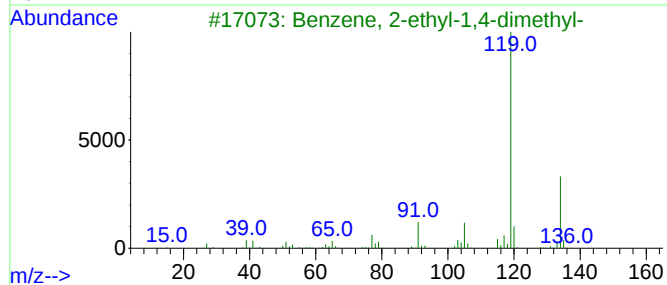
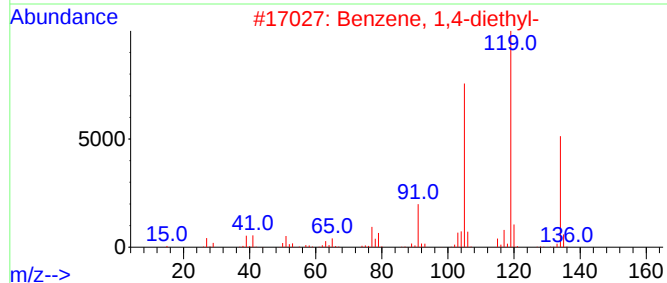
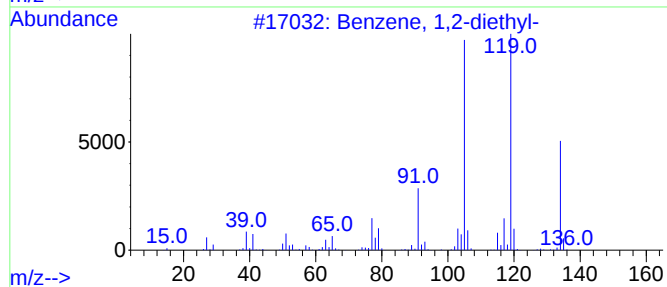
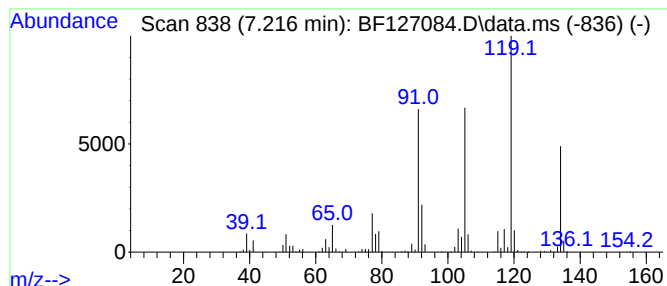
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Benzene, 1,2-diethyl- Concentration Rank 5

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 7.216 | 30.67 ng | 1270630 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 95   |
| 2    |    |   | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 94   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 4    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 93   |
| 5    |    |   | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022522\  
 Data File : BF127084.D  
 Acq On : 25 Feb 2022 21:29  
 Operator : CG\JU  
 Sample : N1655-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UNK-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.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 |
| Heptane, 2-methyl- | 3.957 | 21.6    | ng    | 893810   | 1                     | 6.904 | 828532 | 20.0 |
| Heptane, 3-methyl- | 4.093 | 15.2    | ng    | 627812   | 1                     | 6.904 | 828532 | 20.0 |
| Octane             | 4.551 | 38.3    | ng    | 1585420  | 1                     | 6.904 | 828532 | 20.0 |
| Heptane, 2,6-di... | 4.963 | 14.2    | ng    | 588896   | 1                     | 6.904 | 828532 | 20.0 |
| Heptane, 2,5-di... | 5.040 | 15.8    | ng    | 654881   | 1                     | 6.904 | 828532 | 20.0 |
| Cyclohexane, 1,... | 5.122 | 15.2    | ng    | 629688   | 1                     | 6.904 | 828532 | 20.0 |
| Decane, 5,6-dim... | 5.316 | 13.6    | ng    | 562331   | 1                     | 6.904 | 828532 | 20.0 |
| Octane, 2-methyl-  | 5.422 | 12.6    | ng    | 521027   | 1                     | 6.904 | 828532 | 20.0 |
| cis-4-Nonene       | 5.669 | 16.2    | ng    | 672141   | 1                     | 6.904 | 828532 | 20.0 |
| Nonane             | 5.804 | 33.7    | ng    | 1397160  | 1                     | 6.904 | 828532 | 20.0 |
| 1-Ethyl-4-methy... | 5.928 | 10.7    | ng    | 443198   | 1                     | 6.904 | 828532 | 20.0 |
| Octane, 2,6-dim... | 6.140 | 32.3    | ng    | 1335940  | 1                     | 6.904 | 828532 | 20.0 |
| Undecane, 5,6-d... | 6.334 | 12.3    | ng    | 509808   | 1                     | 6.904 | 828532 | 20.0 |
| Benzene, propyl-   | 6.363 | 16.1    | ng    | 668703   | 1                     | 6.904 | 828532 | 20.0 |
| Nonane, 4-methyl-  | 6.392 | 11.1    | ng    | 460802   | 1                     | 6.904 | 828532 | 20.0 |
| Benzene, 1-ethy... | 6.428 | 30.2    | ng    | 1252050  | 1                     | 6.904 | 828532 | 20.0 |
| Benzene, 1-meth... | 7.169 | 14.8    | ng    | 611681   | 1                     | 6.904 | 828532 | 20.0 |
| Benzene, 1,2-di... | 7.216 | 30.7    | ng    | 1270630  | 1                     | 6.904 | 828532 | 20.0 |