

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
 Data File : BM033730.D  
 Acq On : 14 Jan 2022 16:25  
 Operator : CG/JU  
 Sample : N1143-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WEST-BOILER-ROOM-BOTTOM

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-BM010522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033730.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         | 5.390       | 361           | 366         | 368          | rBV2     | 154237         | 223992        | 1.17%           | 0.164%        |
| 2         | 5.419       | 368           | 371         | 379          | rVB      | 253898         | 339306        | 1.78%           | 0.249%        |
| 3         | 5.507       | 379           | 386         | 395          | rBV2     | 2562783        | 4152246       | 21.77%          | 3.046%        |
| 4         | 5.907       | 448           | 454         | 457          | rVV      | 174187         | 280760        | 1.47%           | 0.206%        |
| 5         | 5.972       | 457           | 465         | 472          | rVB      | 2373653        | 3494146       | 18.32%          | 2.563%        |
| 6         | 6.231       | 501           | 509         | 517          | rBV4     | 599443         | 1348877       | 7.07%           | 0.989%        |
| 7         | 6.354       | 523           | 530         | 536          | rVB      | 630327         | 1203141       | 6.31%           | 0.882%        |
| 8         | 6.443       | 540           | 545         | 553          | rBV4     | 677184         | 1118143       | 5.86%           | 0.820%        |
| 9         | 6.519       | 553           | 558         | 563          | rBV      | 1172747        | 1681808       | 8.82%           | 1.234%        |
| 10        | 6.572       | 563           | 567         | 568          | rVV2     | 282487         | 383398        | 2.01%           | 0.281%        |
| 11        | 6.601       | 568           | 572         | 575          | rVV3     | 724615         | 1312865       | 6.88%           | 0.963%        |
| 12        | 6.631       | 575           | 577         | 582          | rVB      | 459489         | 585035        | 3.07%           | 0.429%        |
| 13        | 6.719       | 587           | 592         | 597          | rVB3     | 155838         | 299094        | 1.57%           | 0.219%        |
| 14        | 6.784       | 597           | 603         | 608          | rVB4     | 199773         | 332883        | 1.75%           | 0.244%        |
| 15        | 6.848       | 608           | 614         | 615          | rBV      | 646791         | 893101        | 4.68%           | 0.655%        |
| 16        | 6.925       | 622           | 627         | 630          | rBV2     | 870614         | 1406060       | 7.37%           | 1.031%        |
| 17        | 6.960       | 630           | 633         | 638          | rVV      | 1860191        | 2613548       | 13.70%          | 1.917%        |
| 18        | 7.019       | 638           | 643         | 647          | rVV      | 2343691        | 3353089       | 17.58%          | 2.459%        |
| 19        | 7.060       | 647           | 650         | 654          | rVV2     | 534394         | 843200        | 4.42%           | 0.618%        |
| 20        | 7.125       | 654           | 661         | 667          | rVV2     | 4313010        | 7839978       | 41.10%          | 5.751%        |
| 21        | 7.184       | 667           | 671         | 680          | rVB      | 735049         | 1210560       | 6.35%           | 0.888%        |
| 22        | 7.307       | 685           | 692         | 696          | rVV3     | 255248         | 542359        | 2.84%           | 0.398%        |
| 23        | 7.354       | 696           | 700         | 704          | rVB      | 366609         | 497521        | 2.61%           | 0.365%        |
| 24        | 7.431       | 709           | 713         | 714          | rBV2     | 211136         | 273762        | 1.44%           | 0.201%        |
| 25        | 7.454       | 714           | 717         | 722          | rVB      | 449165         | 623467        | 3.27%           | 0.457%        |
| 26        | 7.531       | 726           | 730         | 736          | rBV3     | 304007         | 451462        | 2.37%           | 0.331%        |
| 27        | 7.607       | 736           | 743         | 754          | rVB2     | 11906974       | 19075203      | 100.00%         | 13.991%       |
| 28        | 7.696       | 754           | 758         | 764          | rVB3     | 231276         | 400947        | 2.10%           | 0.294%        |
| 29        | 7.807       | 769           | 777         | 781          | rBV3     | 466577         | 1117578       | 5.86%           | 0.820%        |
| 30        | 7.878       | 784           | 789         | 790          | rBV2     | 534552         | 758116        | 3.97%           | 0.556%        |
| 31        | 7.960       | 797           | 803         | 808          | rVB2     | 2208135        | 3538357       | 18.55%          | 2.595%        |
| 32        | 8.013       | 808           | 812         | 814          | rBV      | 274253         | 407784        | 2.14%           | 0.299%        |
| 33        | 8.054       | 814           | 819         | 823          | rVV      | 695222         | 1289333       | 6.76%           | 0.946%        |
| 34        | 8.107       | 823           | 828         | 834          | rVB4     | 162720         | 401932        | 2.11%           | 0.295%        |
| 35        | 8.172       | 834           | 839         | 843          | rBV      | 950404         | 1300732       | 6.82%           | 0.954%        |
| 36        | 8.266       | 847           | 855         | 863          | rVB4     | 1211627        | 2805430       | 14.71%          | 2.058%        |

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 Sample : N1143-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WEST-BOILER-ROOM-BOTTOM

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-BM010522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 8.354  | 868  | 870  | 874  | rVB  | 199132  | 247841   | 1.30%  | 0.182% |
| 38 | 8.419  | 876  | 881  | 885  | rBV3 | 430216  | 700199   | 3.67%  | 0.514% |
| 39 | 8.472  | 885  | 890  | 891  | rBV  | 239789  | 342070   | 1.79%  | 0.251% |
| 40 | 8.513  | 892  | 897  | 903  | rVB2 | 1797090 | 3085057  | 16.17% | 2.263% |
| 41 | 8.572  | 903  | 907  | 911  | rBV  | 1265757 | 1664420  | 8.73%  | 1.221% |
| 42 | 8.619  | 911  | 915  | 916  | rBV2 | 946044  | 1205629  | 6.32%  | 0.884% |
| 43 | 8.643  | 916  | 919  | 930  | rVB  | 1972864 | 3647068  | 19.12% | 2.675% |
| 44 | 8.748  | 931  | 937  | 941  | rBV  | 1625834 | 2627661  | 13.78% | 1.927% |
| 45 | 8.931  | 965  | 968  | 972  | rVB  | 302974  | 379550   | 1.99%  | 0.278% |
| 46 | 8.984  | 972  | 977  | 986  | rVV  | 479061  | 795045   | 4.17%  | 0.583% |
| 47 | 9.090  | 986  | 995  | 998  | rVV2 | 795049  | 1808764  | 9.48%  | 1.327% |
| 48 | 9.131  | 998  | 1002 | 1007 | rVV  | 1569159 | 2603908  | 13.65% | 1.910% |
| 49 | 9.219  | 1007 | 1017 | 1027 | rVB  | 7475925 | 12921383 | 67.74% | 9.478% |
| 50 | 9.342  | 1027 | 1038 | 1044 | rBV7 | 604799  | 1835965  | 9.62%  | 1.347% |
| 51 | 9.419  | 1044 | 1051 | 1054 | rBV3 | 224057  | 490223   | 2.57%  | 0.360% |
| 52 | 9.472  | 1054 | 1060 | 1068 | rVB6 | 439721  | 1151786  | 6.04%  | 0.845% |
| 53 | 9.572  | 1068 | 1077 | 1080 | rBV6 | 272817  | 606806   | 3.18%  | 0.445% |
| 54 | 9.613  | 1080 | 1084 | 1089 | rVV2 | 268115  | 616244   | 3.23%  | 0.452% |
| 55 | 9.666  | 1089 | 1093 | 1105 | rVB2 | 425227  | 959584   | 5.03%  | 0.704% |
| 56 | 9.754  | 1105 | 1108 | 1120 | rVB2 | 133722  | 260702   | 1.37%  | 0.191% |
| 57 | 9.872  | 1120 | 1128 | 1132 | rBV3 | 315272  | 606718   | 3.18%  | 0.445% |
| 58 | 9.913  | 1132 | 1135 | 1140 | rVB3 | 332460  | 514065   | 2.69%  | 0.377% |
| 59 | 9.984  | 1140 | 1147 | 1153 | rBV3 | 265343  | 663242   | 3.48%  | 0.486% |
| 60 | 10.066 | 1153 | 1161 | 1167 | rVB2 | 314932  | 669615   | 3.51%  | 0.491% |
| 61 | 10.137 | 1167 | 1173 | 1177 | rBV  | 346267  | 538606   | 2.82%  | 0.395% |
| 62 | 10.219 | 1183 | 1187 | 1190 | rBV  | 183927  | 233720   | 1.23%  | 0.171% |
| 63 | 10.248 | 1190 | 1192 | 1199 | rVB2 | 180338  | 246863   | 1.29%  | 0.181% |
| 64 | 10.325 | 1199 | 1205 | 1210 | rBV2 | 222300  | 454718   | 2.38%  | 0.334% |
| 65 | 10.772 | 1273 | 1281 | 1287 | rBV2 | 1144712 | 2287592  | 11.99% | 1.678% |
| 66 | 10.831 | 1287 | 1291 | 1300 | rVB  | 260711  | 460961   | 2.42%  | 0.338% |
| 67 | 13.230 | 1692 | 1699 | 1711 | rBV  | 3816732 | 5685262  | 29.80% | 4.170% |
| 68 | 14.601 | 1925 | 1932 | 1944 | rBV  | 1213716 | 1788495  | 9.38%  | 1.312% |
| 69 | 16.083 | 2177 | 2184 | 2201 | rBV  | 2883569 | 4231343  | 22.18% | 3.104% |
| 70 | 16.313 | 2219 | 2223 | 2226 | rBV  | 194438  | 257538   | 1.35%  | 0.189% |
| 71 | 17.336 | 2391 | 2397 | 2407 | rBV  | 1290814 | 1842511  | 9.66%  | 1.351% |
| 72 | 19.948 | 2836 | 2841 | 2849 | rVB  | 4385203 | 5566704  | 29.18% | 4.083% |
| 73 | 21.218 | 3053 | 3057 | 3064 | rBV  | 316459  | 408739   | 2.14%  | 0.300% |
| 74 | 21.500 | 3100 | 3105 | 3113 | rBV  | 1383369 | 1696457  | 8.89%  | 1.244% |
| 75 | 23.918 | 3510 | 3516 | 3527 | rVB2 | 883518  | 1832646  | 9.61%  | 1.344% |

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Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

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-BM010522.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

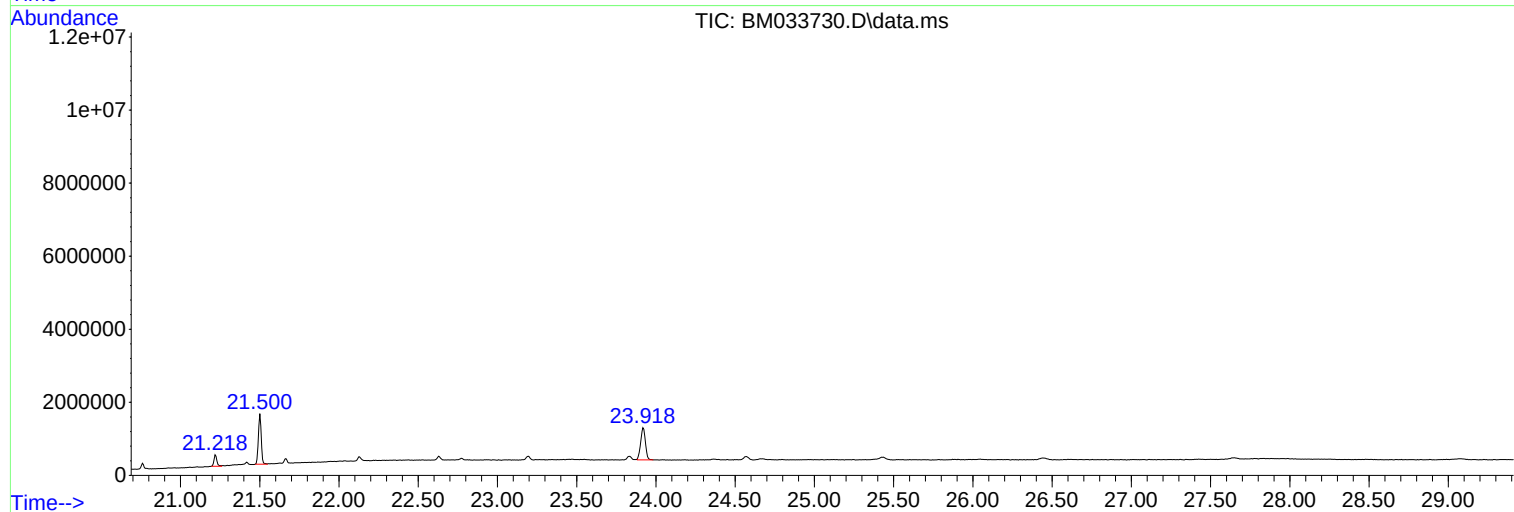
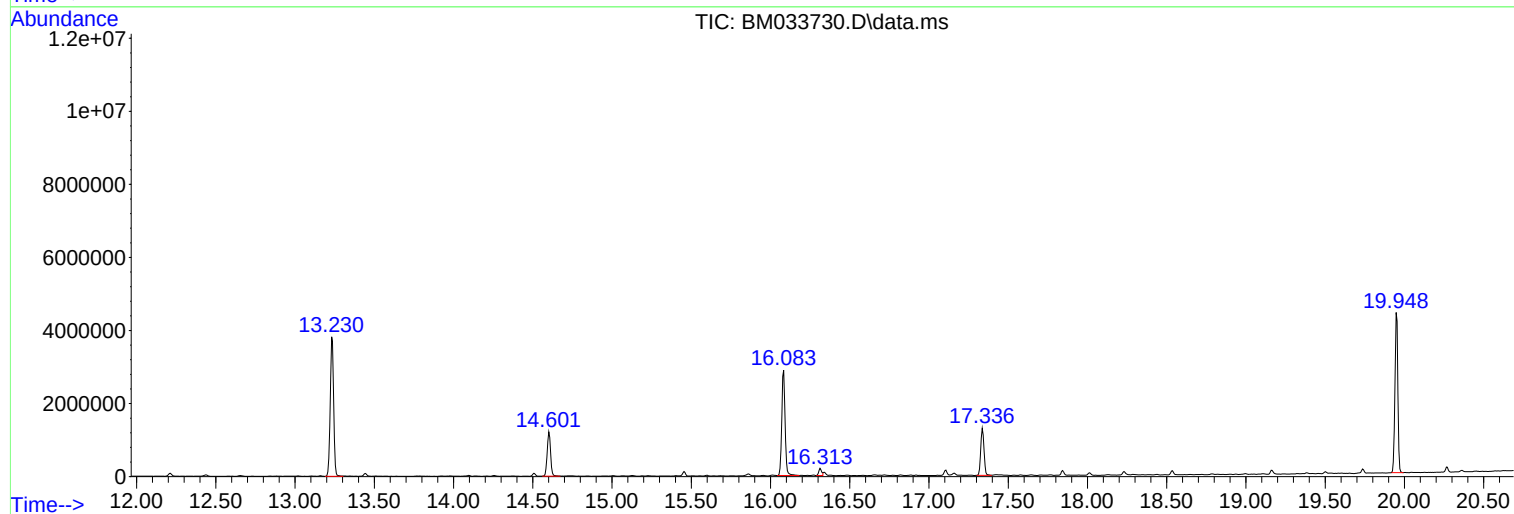
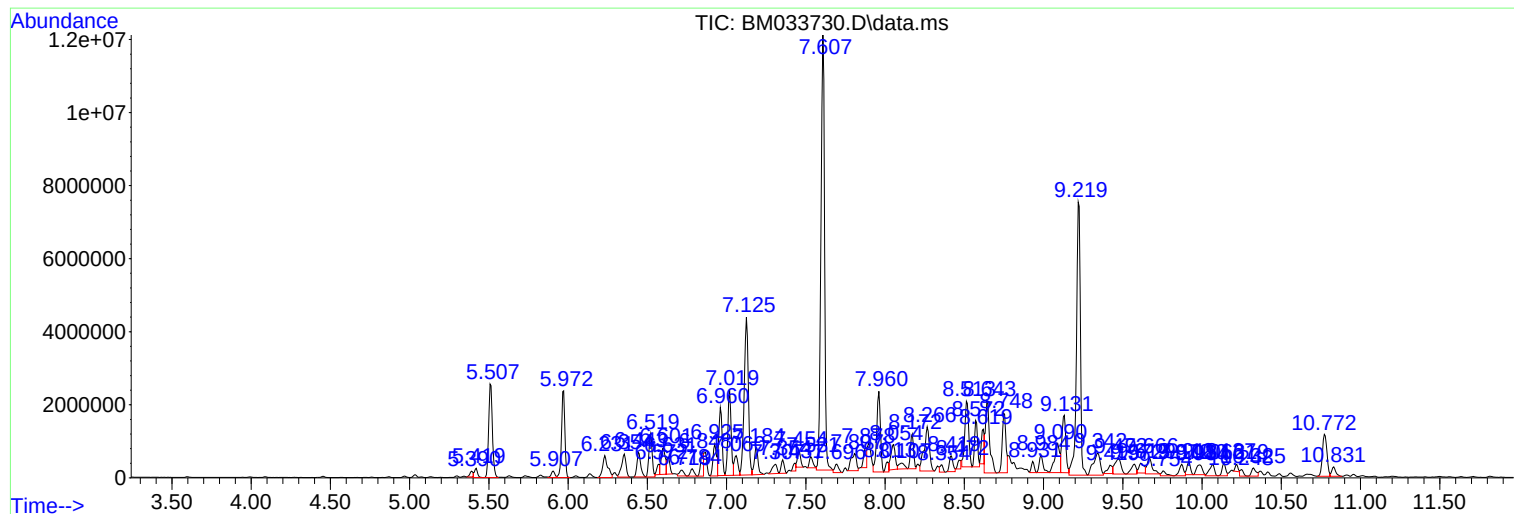
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.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\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

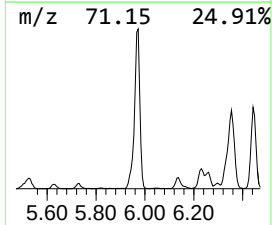
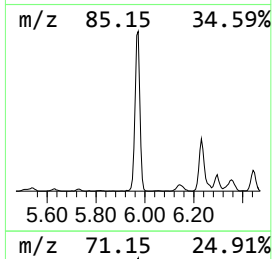
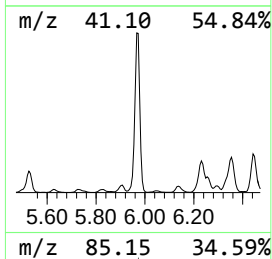
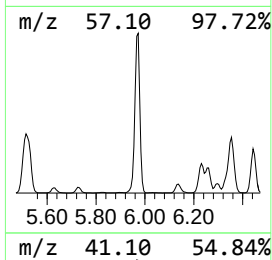
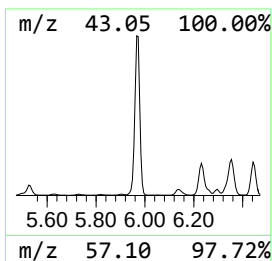
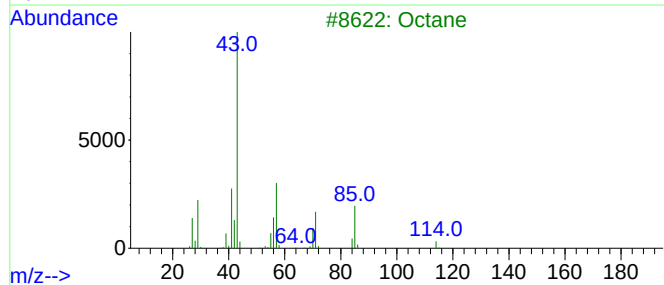
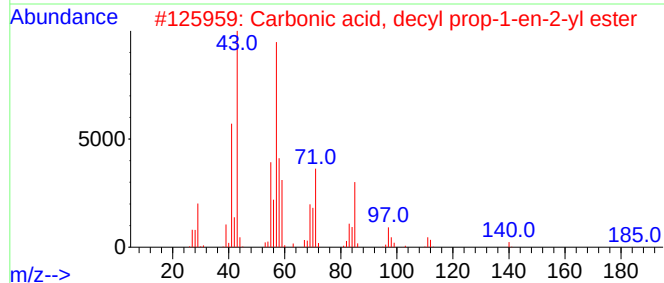
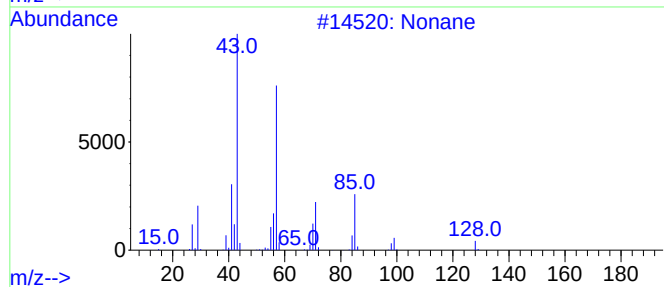
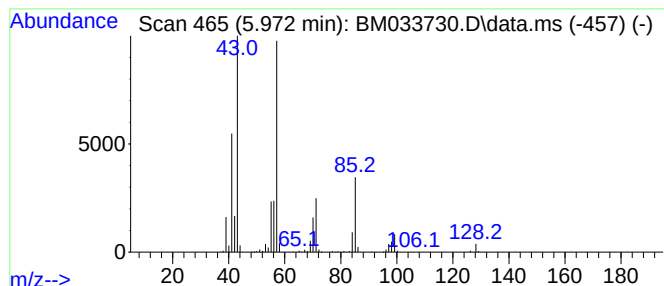
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Nonane Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.972 | 19.75 ng | 3494150 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane                              | 128 | C9H20    | 000111-84-2  | 87   |
| 2    |    |   | Carbonic acid, decyl prop-1-en-2... | 242 | C14H26O3 | 1000382-90-5 | 64   |
| 3    |    |   | Octane                              | 114 | C8H18    | 000111-65-9  | 59   |
| 4    |    |   | Oxalic acid, isobutyl nonyl ester   | 272 | C15H28O4 | 1010309-37-4 | 53   |
| 5    |    |   | Hexane, 2,4-dimethyl-               | 114 | C8H18    | 000589-43-5  | 50   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

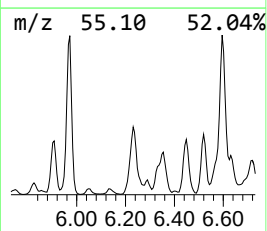
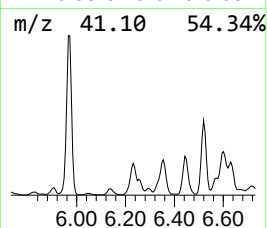
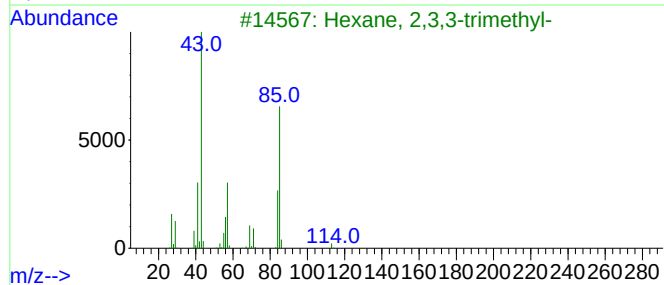
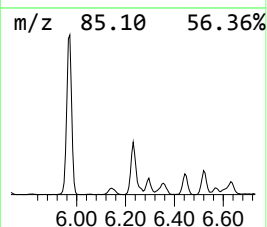
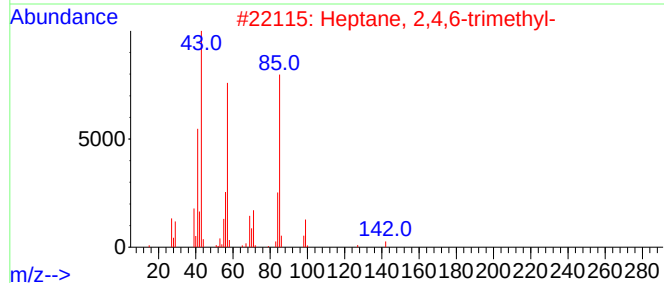
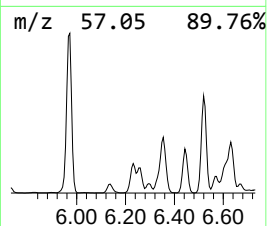
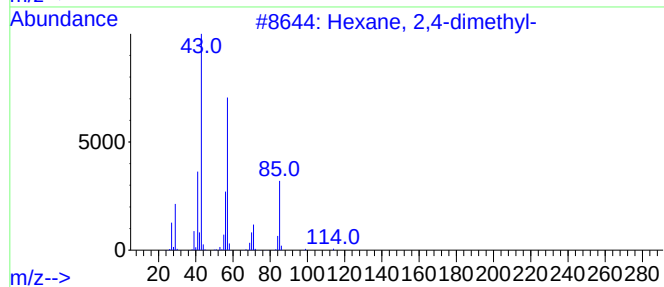
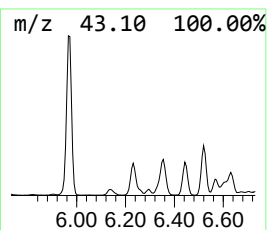
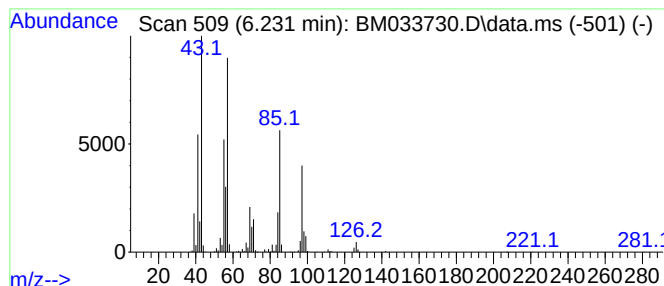
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.231 Concentration Rank 16

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 6.231 | 7.62 ng | 1348880 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexane, 2,4-dimethyl-             | 114 | C8H18    | 000589-43-5  | 47   |
| 2    |    |   | Heptane, 2,4,6-trimethyl-         | 142 | C10H22   | 002613-61-8  | 47   |
| 3    |    |   | Hexane, 2,3,3-trimethyl-          | 128 | C9H20    | 016747-28-7  | 38   |
| 4    |    |   | Oxalic acid, hexyl isohexyl ester | 258 | C14H26O4 | 1010309-33-0 | 38   |
| 5    |    |   | Undecane, 2,7-dimethyl-           | 184 | C13H28   | 017301-24-5  | 38   |



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BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

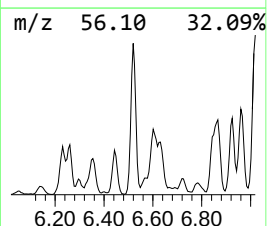
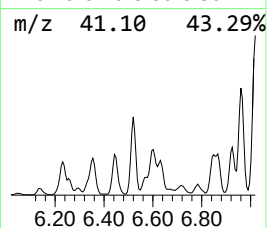
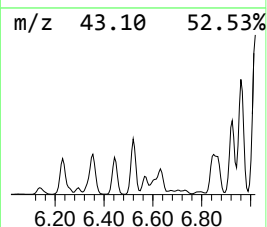
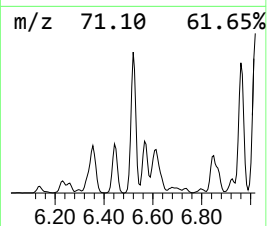
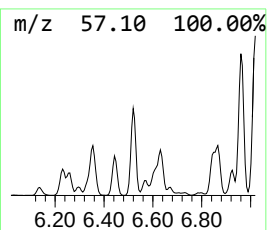
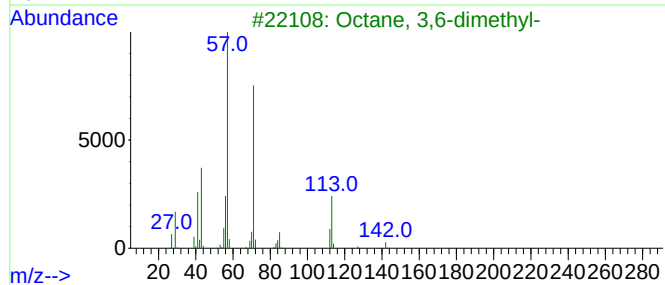
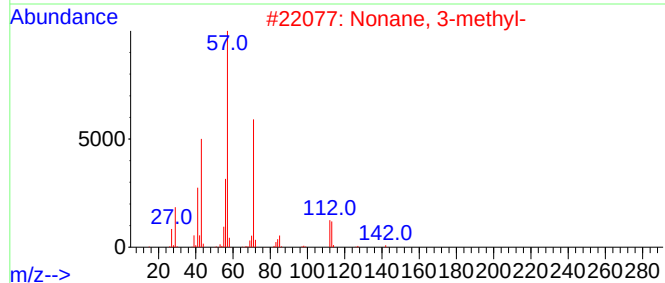
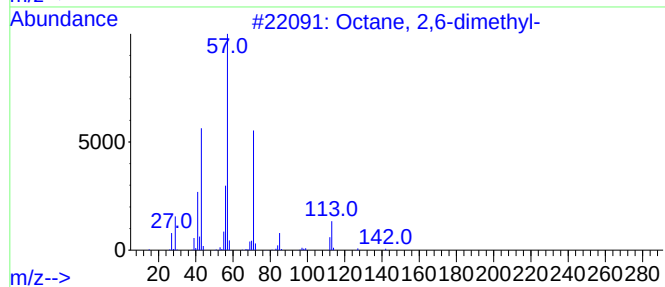
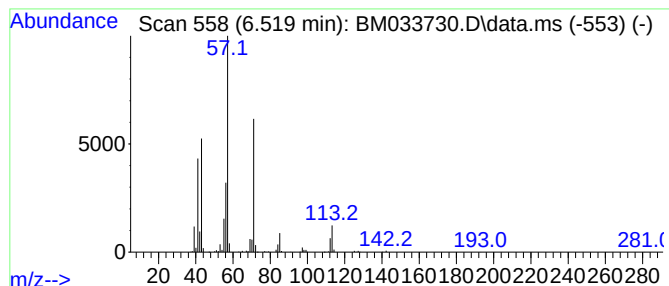
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 12

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|---------|------------------------|--------------|------|
| 6.519     | 9.51 ng                             | 1681810 | 1,4-Dichlorobenzene-d4 | 7.966        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#         | Qual |
| 1         | Octane, 2,6-dimethyl-               | 142     | C10H22                 | 002051-30-1  | 94   |
| 2         | Nonane, 3-methyl-                   | 142     | C10H22                 | 005911-04-6  | 90   |
| 3         | Octane, 3,6-dimethyl-               | 142     | C10H22                 | 015869-94-0  | 87   |
| 4         | Octane, 2-methyl-                   | 128     | C9H20                  | 003221-61-2  | 64   |
| 5         | Sulfurous acid, di(2-ethylhexyl)... | 306     | C16H34O3S              | 1000309-19-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

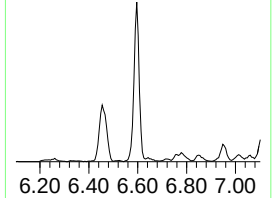
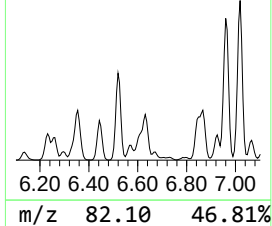
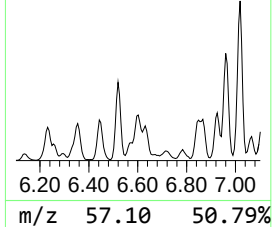
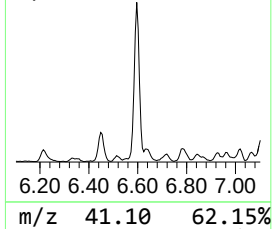
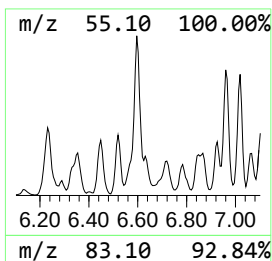
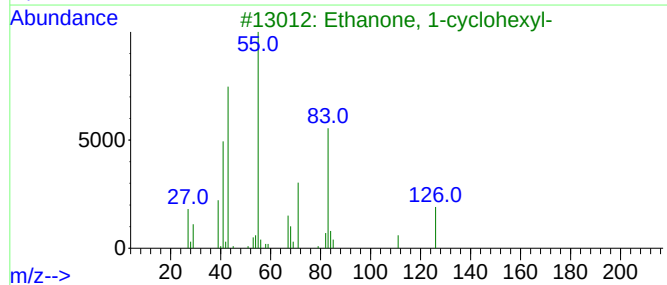
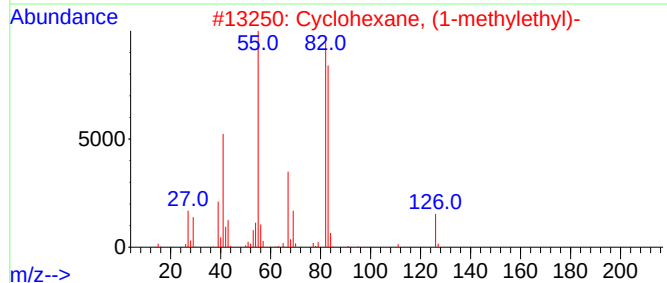
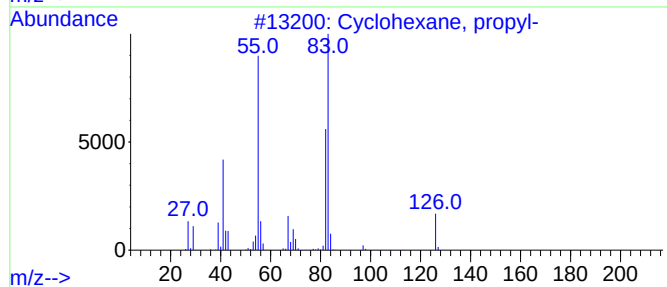
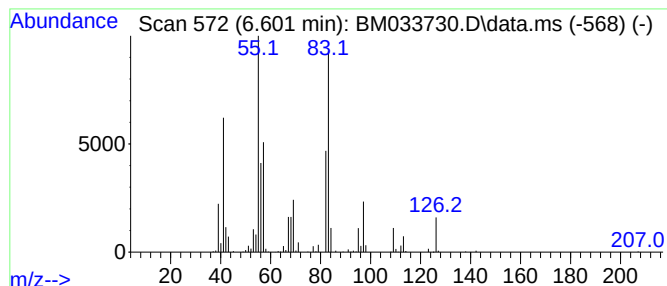
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Cyclohexane, propyl- Concentration Rank 17

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 6.601 | 7.42 ng | 1312870 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, propyl-          | 126 | C9H18   | 001678-92-8 | 58   |
| 2    |    |   | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 43   |
| 3    |    |   | Ethanone, 1-cyclohexyl-       | 126 | C8H14O  | 000823-76-7 | 43   |
| 4    |    |   | 1H-1,2,4-Triazole, 3-methyl-  | 83  | C3H5N3  | 007170-01-6 | 43   |
| 5    |    |   | 3-Ethylcyclopentanone         | 112 | C7H12O  | 010264-55-8 | 30   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

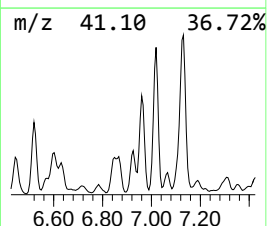
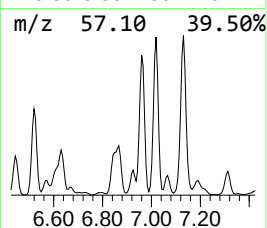
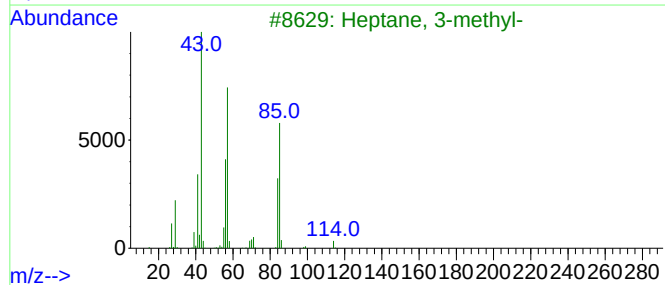
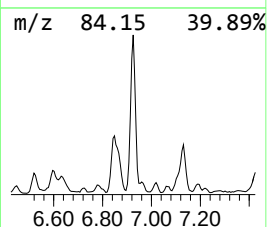
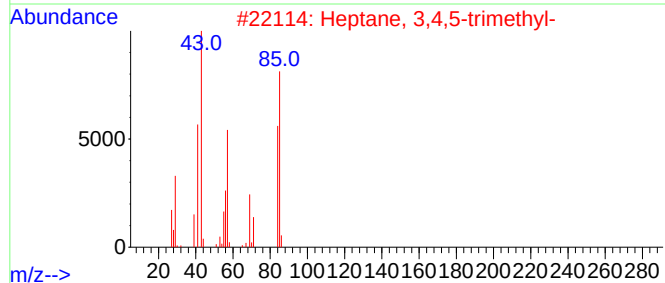
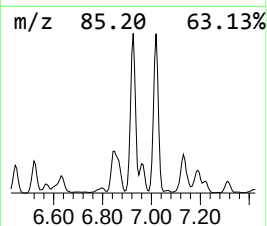
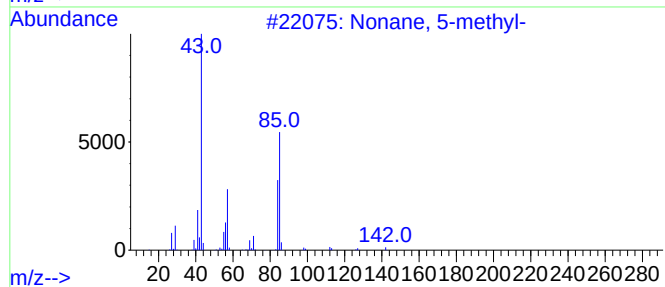
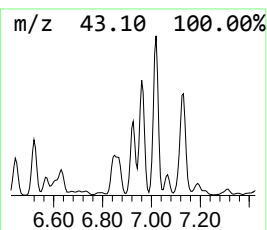
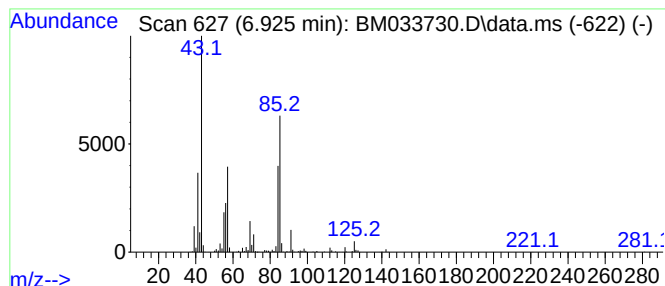
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Nonane, 5-methyl- Concentration Rank 15

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 6.925 | 7.95 ng | 1406060 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 5-methyl-              | 142 | C10H22  | 015869-85-9 | 81   |
| 2    |    |   | Heptane, 3,4,5-trimethyl-      | 142 | C10H22  | 020278-89-1 | 72   |
| 3    |    |   | Heptane, 3-methyl-             | 114 | C8H18   | 000589-81-1 | 72   |
| 4    |    |   | Hexane, 2,3,5-trimethyl-       | 128 | C9H20   | 001069-53-0 | 72   |
| 5    |    |   | Pentane, 3-ethyl-2,4-dimethyl- | 128 | C9H20   | 001068-87-7 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

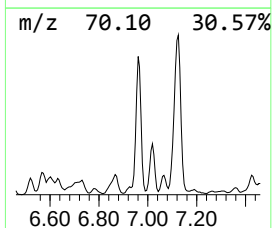
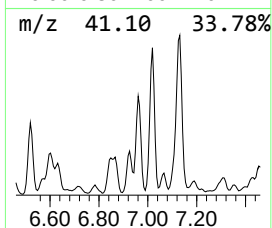
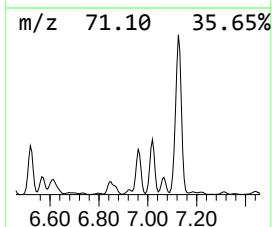
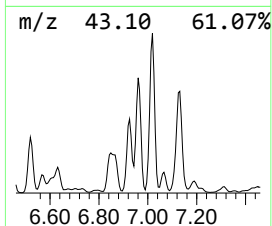
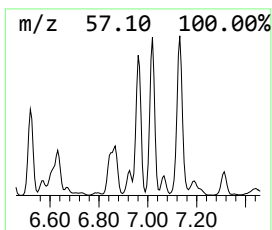
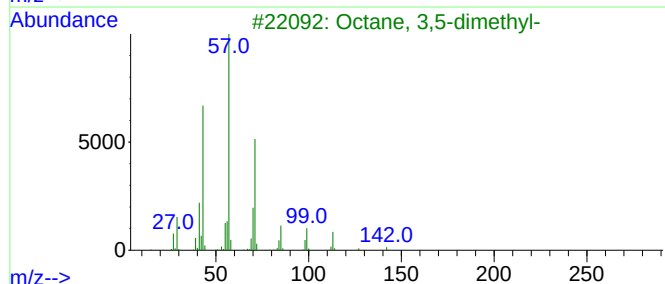
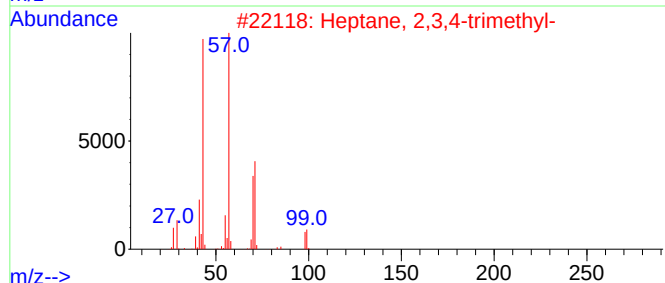
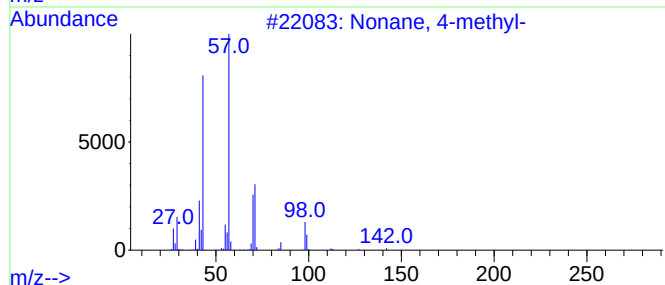
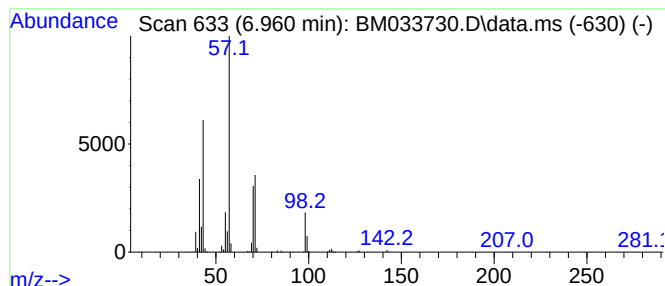
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Nonane, 4-methyl- Concentration Rank 9

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.960 | 14.77 ng | 2613550 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 4-methyl-         | 142 | C10H22  | 017301-94-9 | 91   |
| 2    |    |   | Heptane, 2,3,4-trimethyl- | 142 | C10H22  | 052896-95-4 | 64   |
| 3    |    |   | Octane, 3,5-dimethyl-     | 142 | C10H22  | 015869-93-9 | 62   |
| 4    |    |   | Heptane, 3-ethyl-         | 128 | C9H20   | 015869-80-4 | 59   |
| 5    |    |   | Undecane, 3,5-dimethyl-   | 184 | C13H28  | 017312-81-1 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

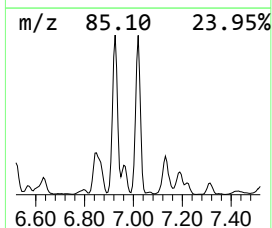
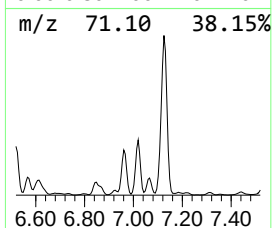
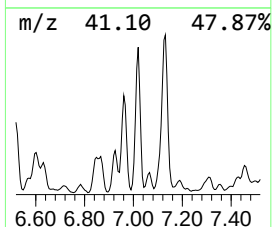
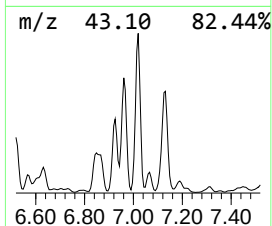
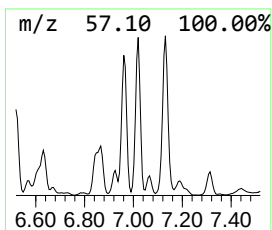
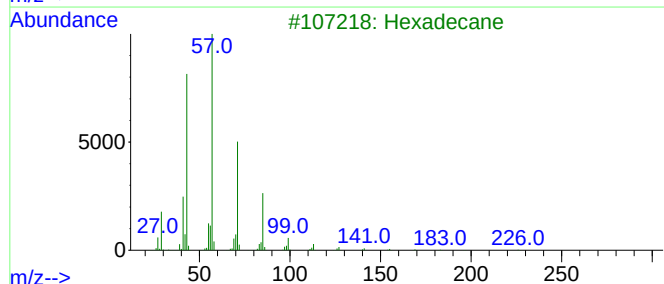
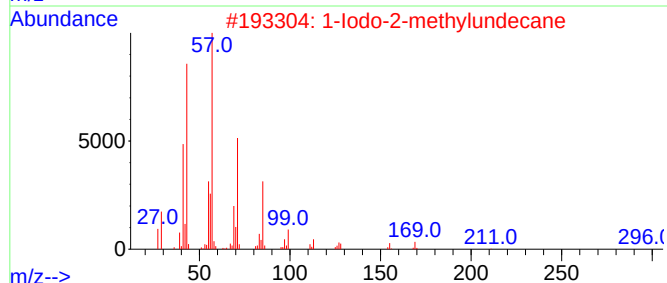
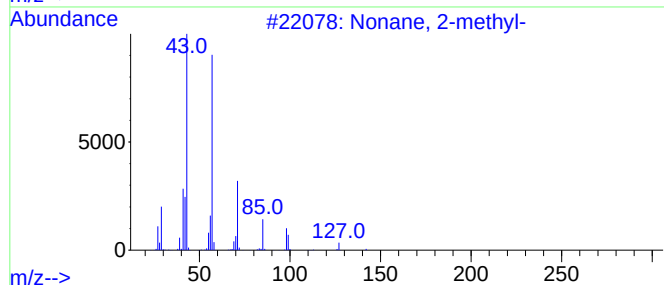
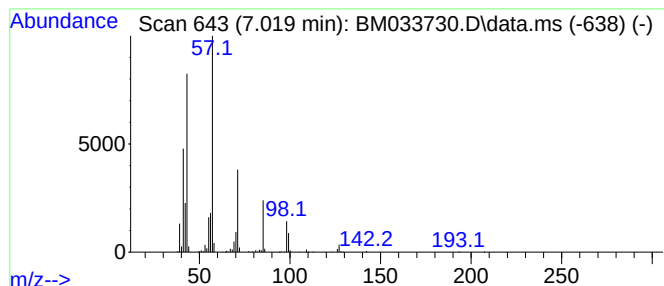
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Nonane, 2-methyl- Concentration Rank 5

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 7.019 | 18.95 ng | 3353090 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 2-methyl-         | 142 | C10H22  | 000871-83-0 | 93   |
| 2    |    |   | 1-Iodo-2-methylundecane   | 296 | C12H25I | 073105-67-6 | 72   |
| 3    |    |   | Hexadecane                | 226 | C16H34  | 000544-76-3 | 72   |
| 4    |    |   | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 72   |
| 5    |    |   | Tridecane, 6-methyl-      | 198 | C14H30  | 013287-21-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

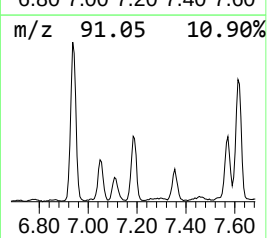
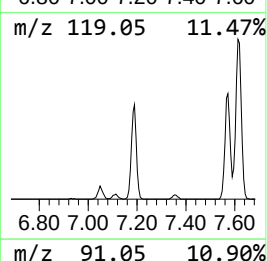
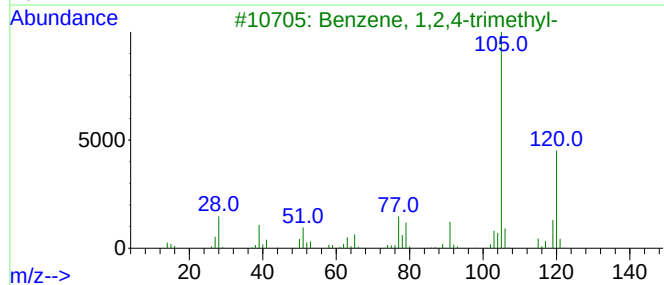
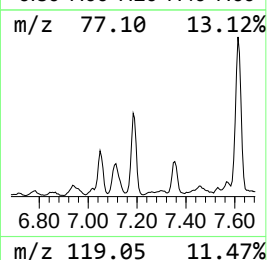
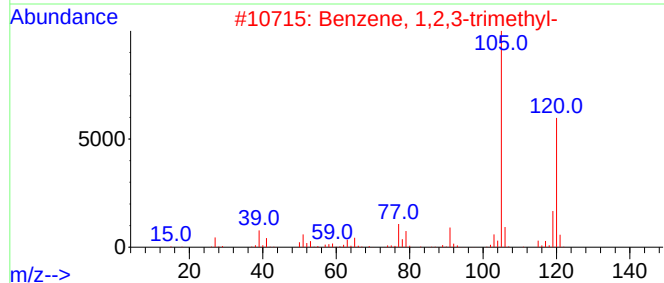
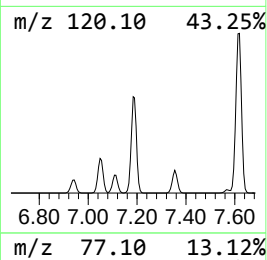
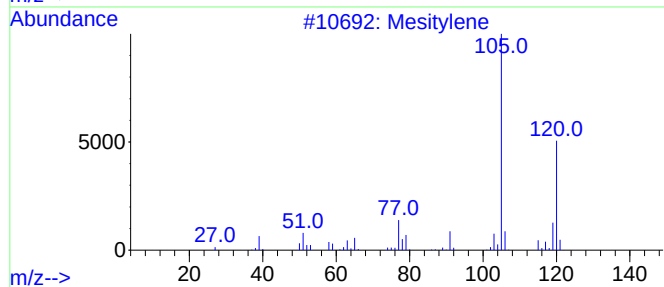
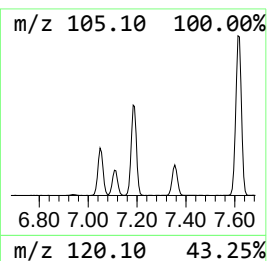
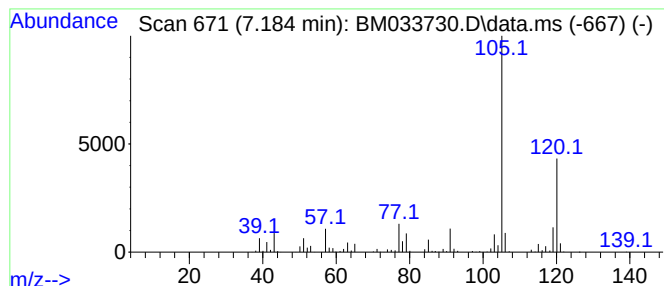
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 20

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 7.184 | 6.84 ng | 1210560 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------|-----|---------|-------------|------|
| 1    |      | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 95   |
| 2    |      | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 94   |
| 3    |      | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 4    |      | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 81   |
| 5    |      | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

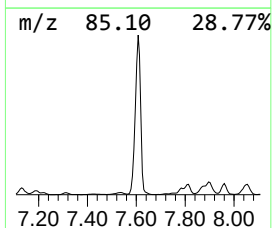
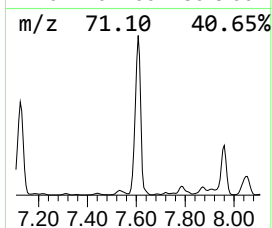
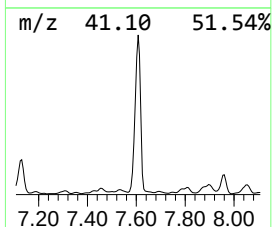
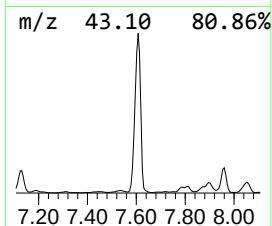
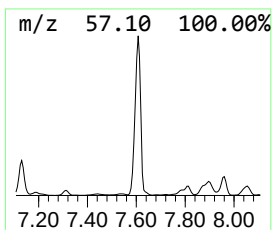
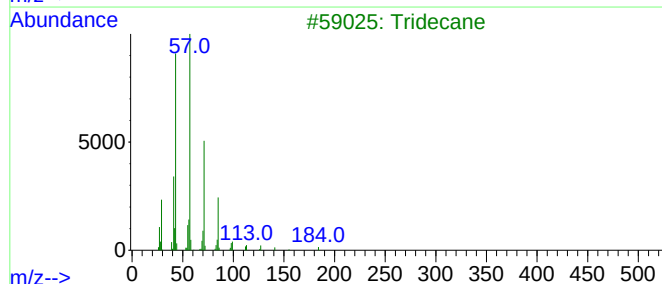
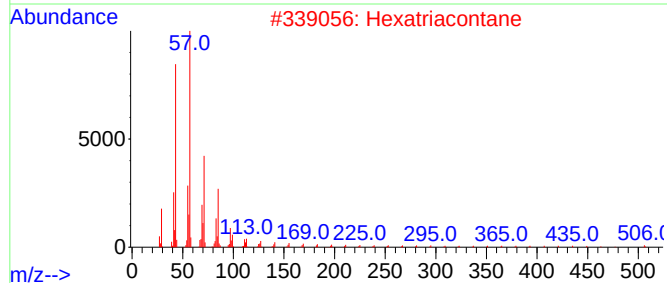
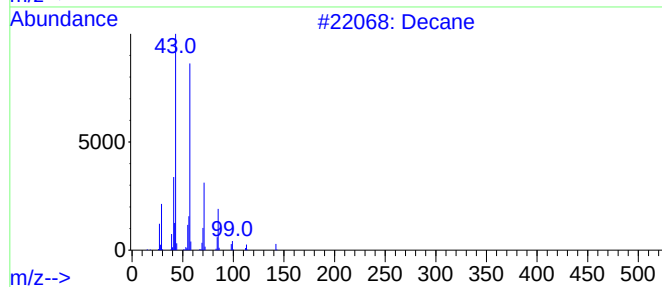
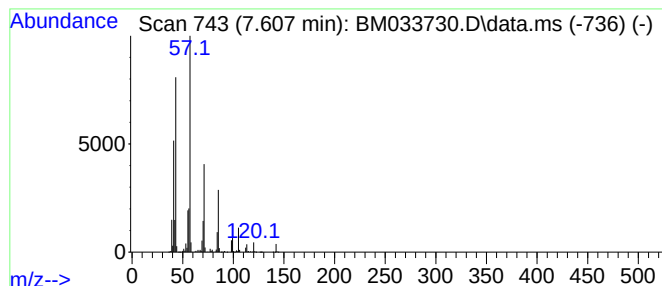
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Decane Concentration Rank 1

| R.T.  | EstConc   | Area     | Relative to ISTD       | R.T.  |
|-------|-----------|----------|------------------------|-------|
| 7.607 | 107.82 ng | 19075200 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane                   | 142 | C10H22  | 000124-18-5 | 93   |
| 2    |    |   | Hexatriacontane          | 507 | C36H74  | 000630-06-8 | 72   |
| 3    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 59   |
| 4    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 58   |
| 5    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

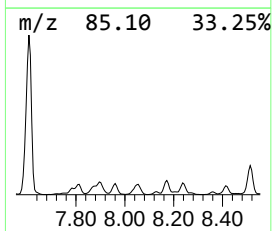
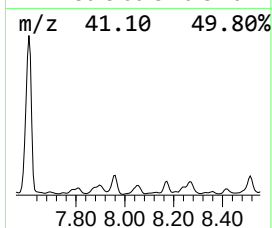
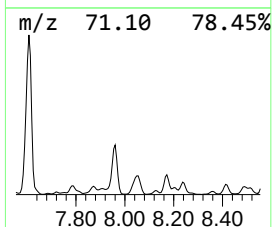
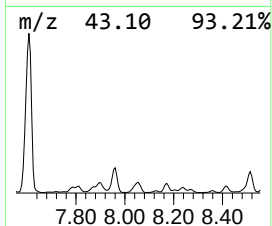
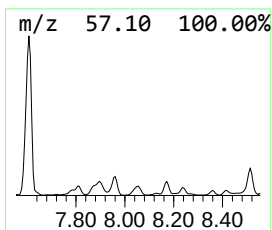
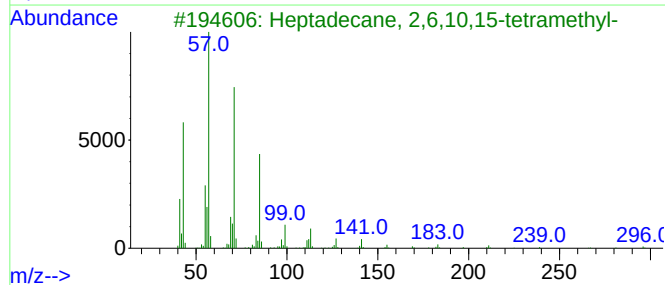
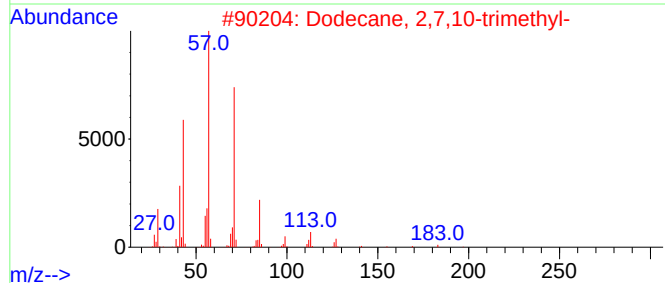
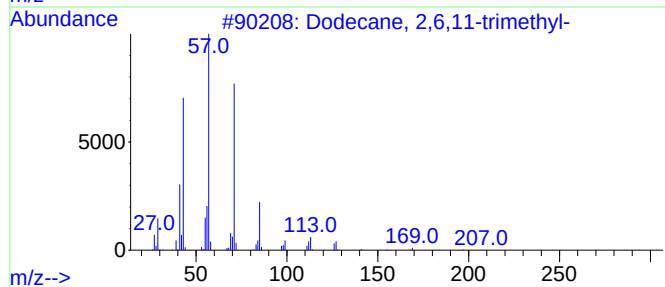
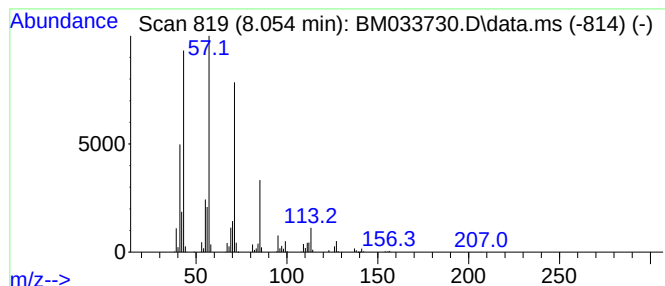
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 8.054 | 7.29 ng | 1289330 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4  | 90   |
| 2    |      | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0  | 90   |
| 3    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6  | 78   |
| 4    |      | Nonane, 3-methyl-5-propyl-          | 184 | C13H28  | 031081-18-2  | 64   |
| 5    |      | 1-Iodo-2-methylnonane               | 268 | C10H21I | 1000101-47-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

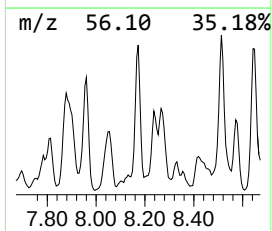
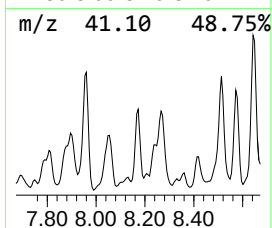
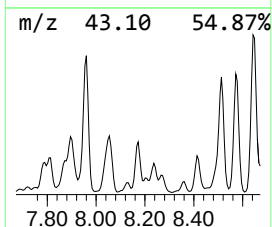
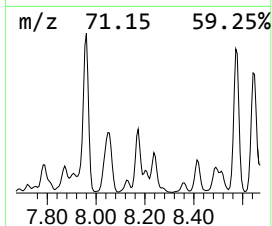
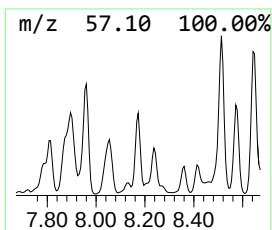
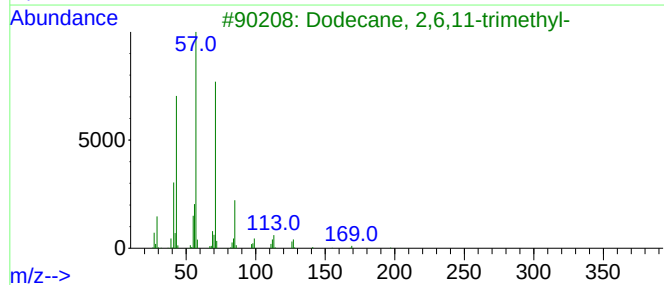
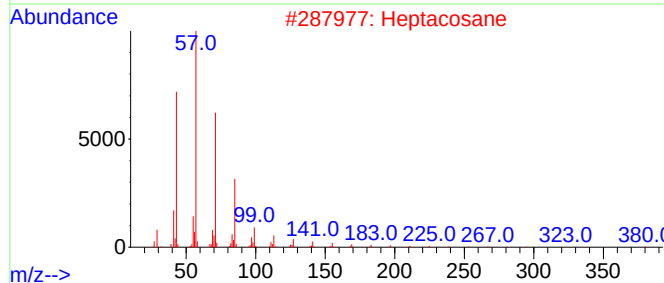
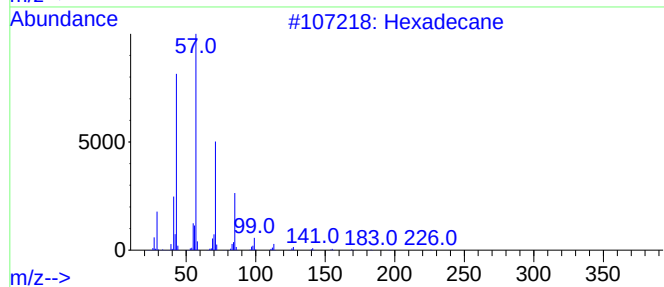
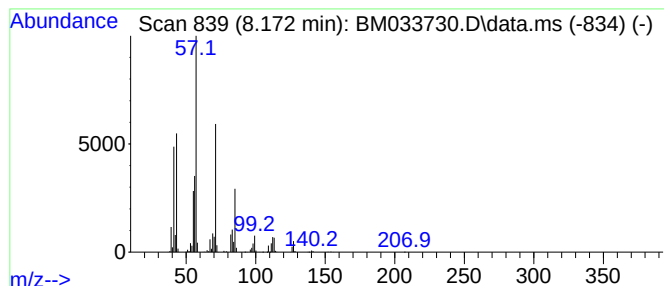
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Hexadecane Concentration Rank 18

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 8.172 | 7.35 ng | 1300730 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane                  | 226 | C16H34  | 000544-76-3 | 64   |
| 2    |    |   | Heptacosane                 | 380 | C27H56  | 000593-49-7 | 64   |
| 3    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 59   |
| 4    |    |   | Decane, 2,9-dimethyl-       | 170 | C12H26  | 001002-17-1 | 59   |
| 5    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

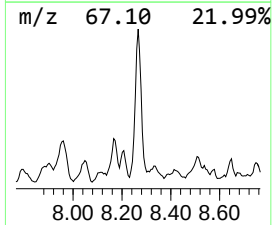
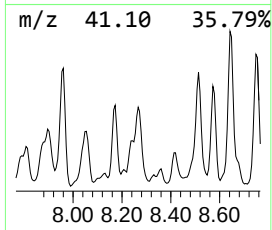
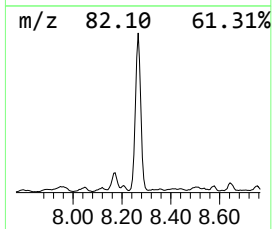
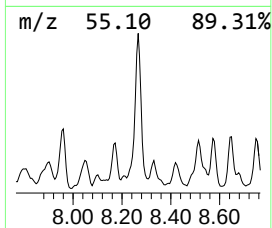
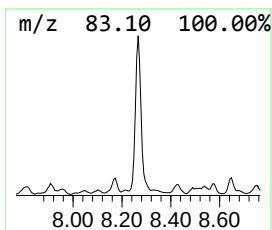
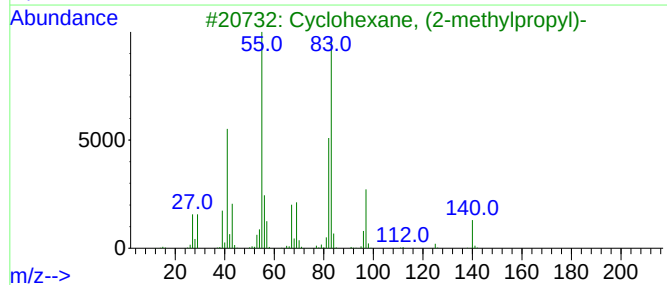
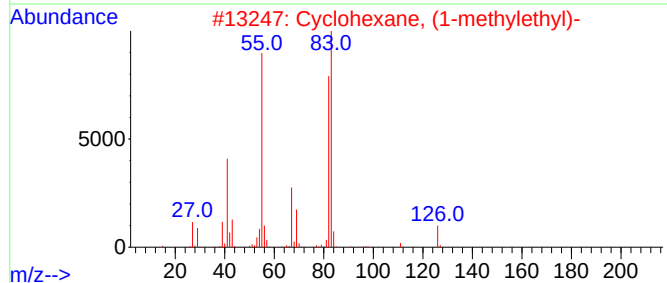
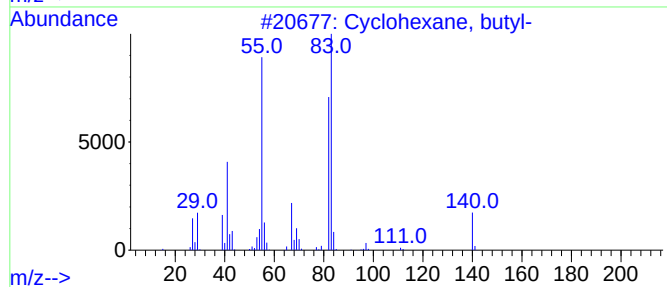
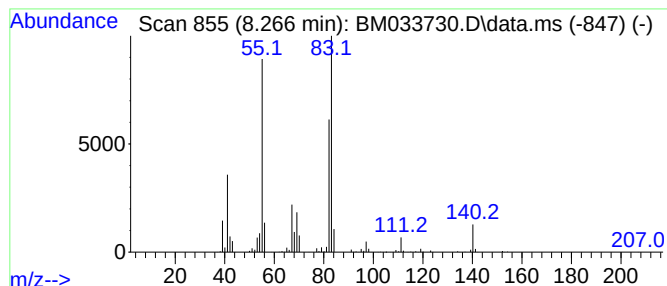
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Cyclohexane, butyl- Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 8.266 | 15.86 ng | 2805430 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 90   |
| 2    |      | Cyclohexane, (1-methylethyl)-  | 126 | C9H18   | 000696-29-7 | 80   |
| 3    |      | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 80   |
| 4    |      | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 78   |
| 5    |      | Cyclohexane, undecyl-          | 238 | C17H34  | 054105-66-7 | 78   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

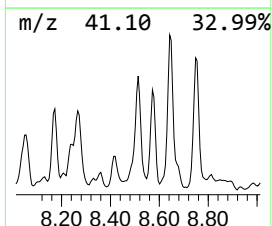
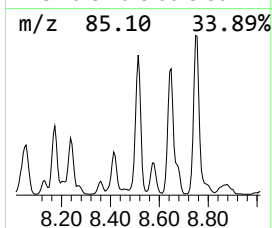
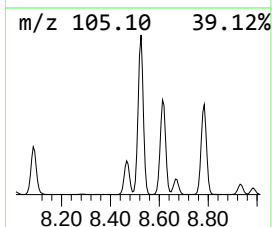
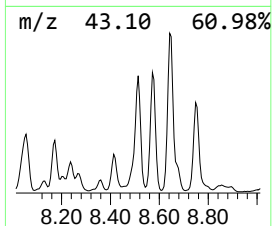
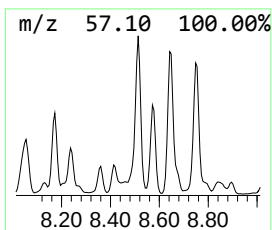
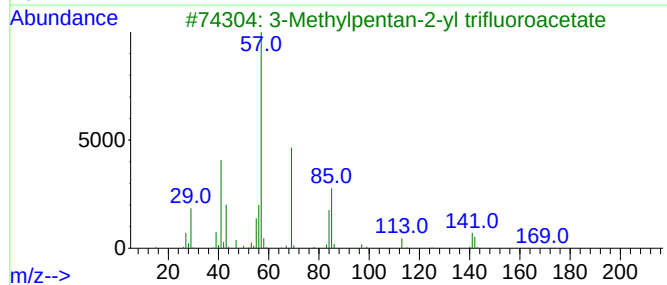
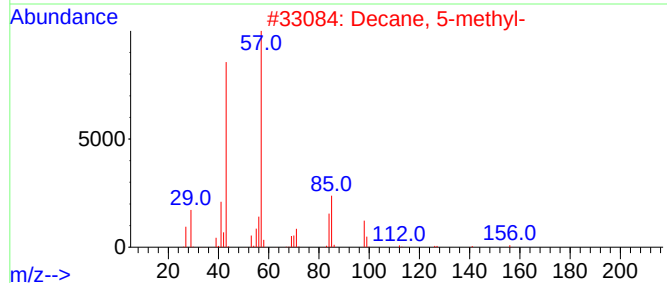
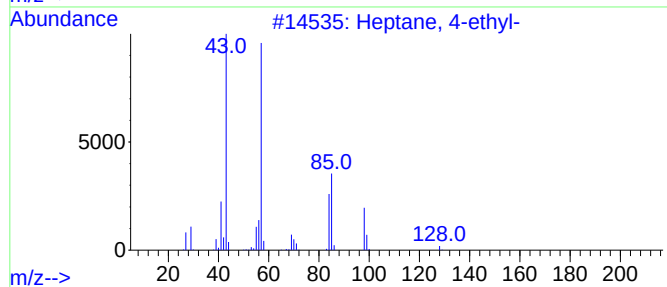
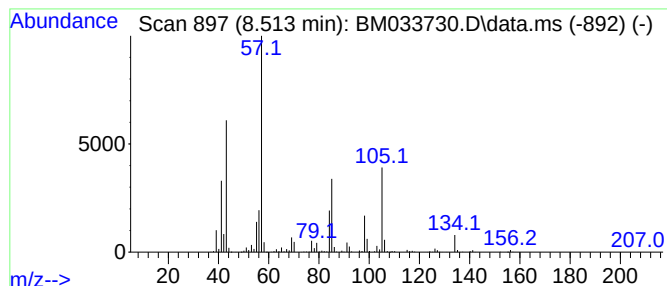
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Heptane, 4-ethyl- Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 8.513 | 17.44 ng | 3085060 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Heptane, 4-ethyl-                   | 128 | C9H20     | 002216-32-2  | 53   |
| 2    |      | Decane, 5-methyl-                   | 156 | C11H24    | 013151-35-4  | 52   |
| 3    |      | 3-Methylpentan-2-yl trifluoroace... | 198 | C8H13F3O2 | 155090-02-1  | 50   |
| 4    |      | Octane, 2,4,6-trimethyl-            | 156 | C11H24    | 062016-37-9  | 47   |
| 5    |      | Oxalic acid, heptyl isohexyl ester  | 272 | C15H28O4  | 1000309-33-1 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

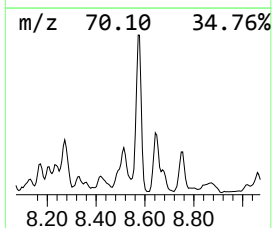
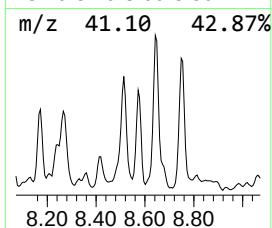
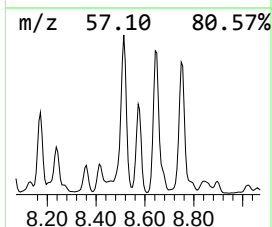
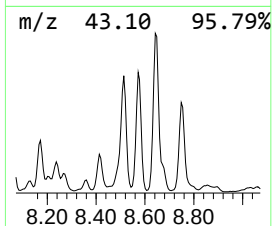
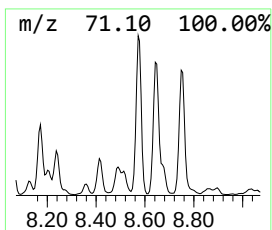
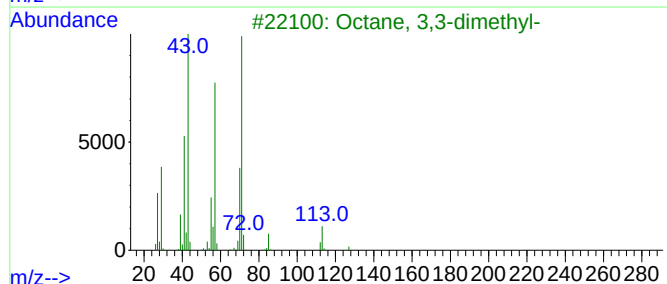
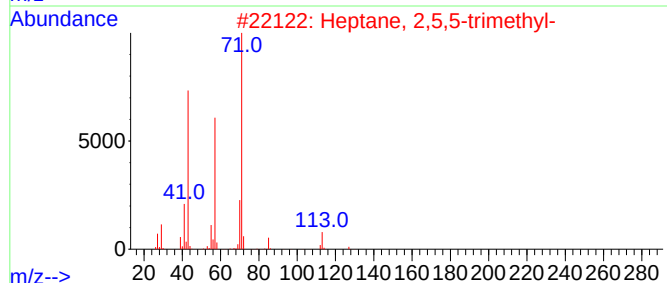
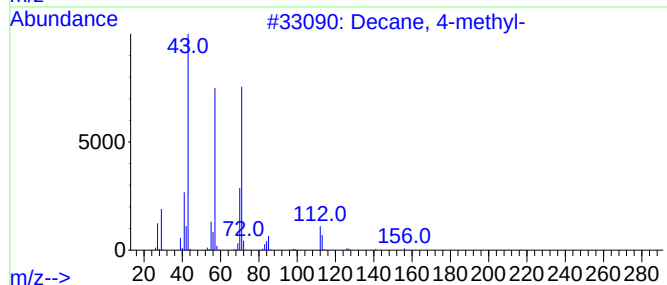
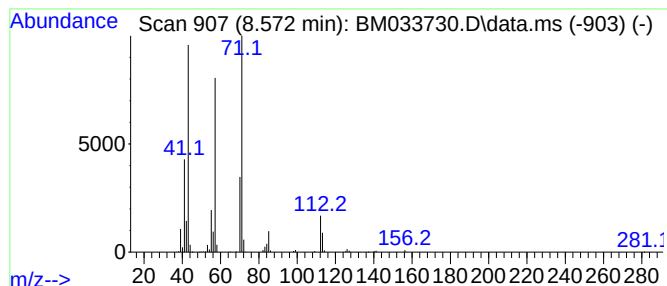
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Decane, 4-methyl- Concentration Rank 13

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 8.572 | 9.41 ng | 1664420 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Decane, 4-methyl-                   | 156 | C11H24     | 002847-72-5  | 91   |
| 2    |    |   | Heptane, 2,5,5-trimethyl-           | 142 | C10H22     | 001189-99-7  | 78   |
| 3    |    |   | Octane, 3,3-dimethyl-               | 142 | C10H22     | 004110-44-5  | 78   |
| 4    |    |   | Heptane, 3,3,5-trimethyl-           | 142 | C10H22     | 007154-80-5  | 72   |
| 5    |    |   | 4-Methyl-3-heptanol, trifluoroac... | 226 | C10H17F3O2 | 1000365-51-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

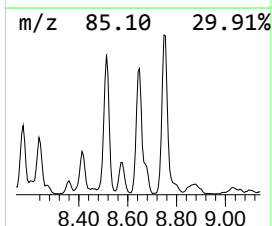
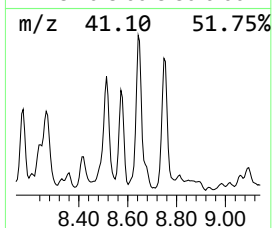
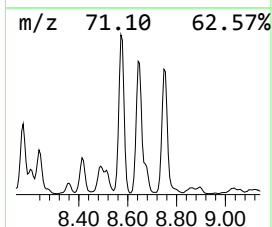
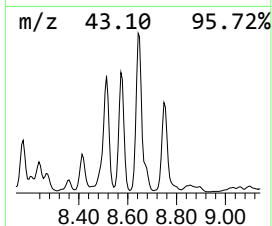
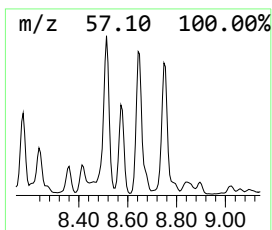
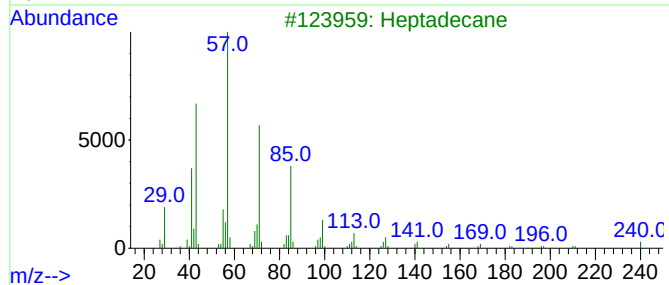
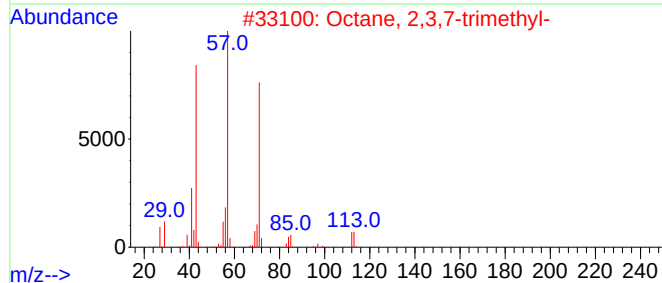
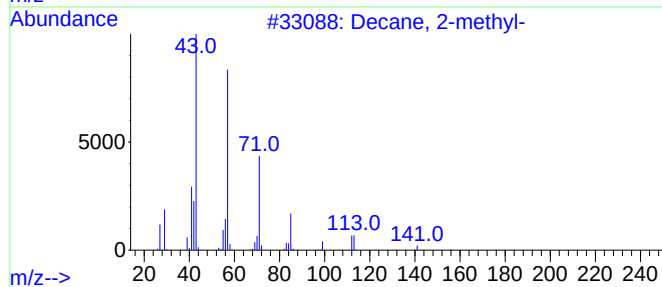
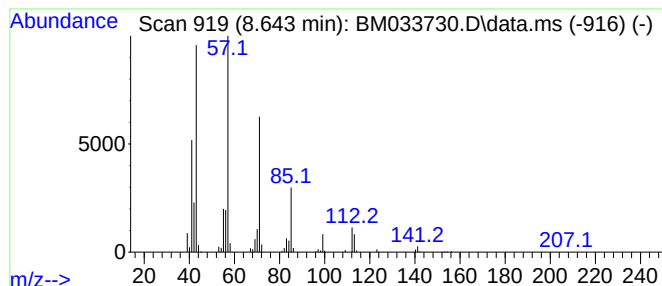
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Decane, 2-methyl- Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 8.643 | 20.61 ng | 3647070 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2-methyl-        | 156 | C11H24  | 006975-98-0 | 93   |
| 2    |    |   | Octane, 2,3,7-trimethyl- | 156 | C11H24  | 062016-34-6 | 58   |
| 3    |    |   | Heptadecane              | 240 | C17H36  | 000629-78-7 | 53   |
| 4    |    |   | Undecane, 6-ethyl-       | 184 | C13H28  | 017312-60-6 | 53   |
| 5    |    |   | Heptacosane              | 380 | C27H56  | 000593-49-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

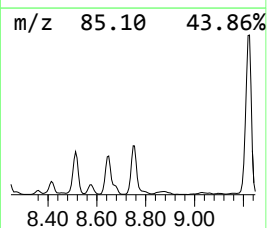
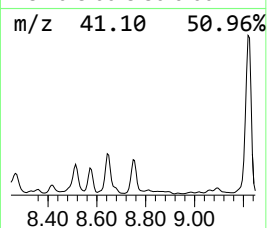
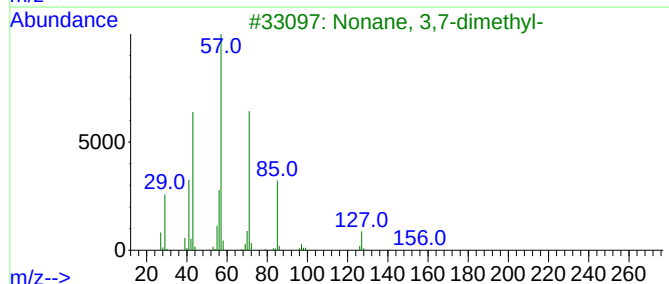
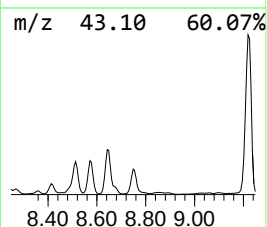
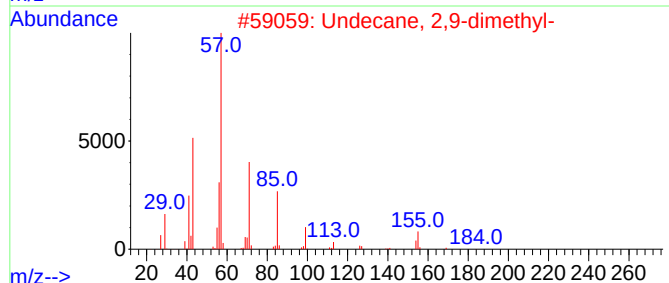
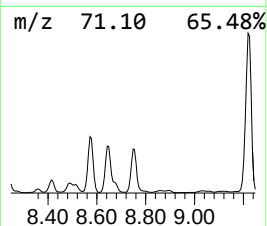
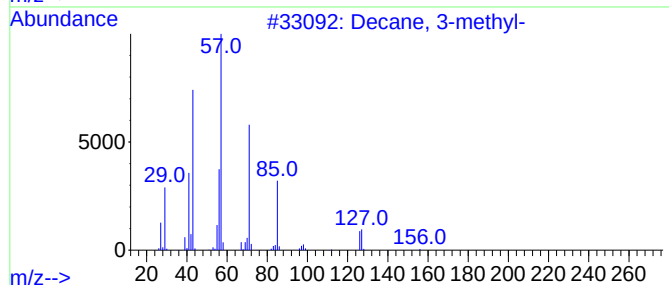
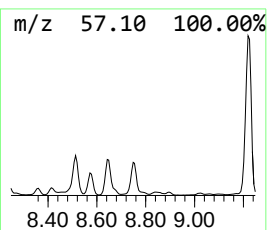
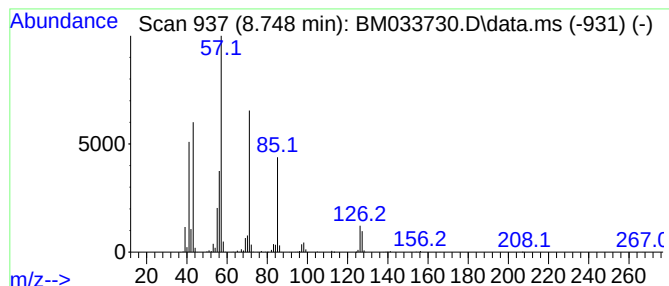
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Decane, 3-methyl- Concentration Rank 8

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 8.748 | 14.85 ng | 2627660 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Decane, 3-methyl-                   | 156 | C11H24    | 013151-34-3  | 94   |
| 2    |    |   | Undecane, 2,9-dimethyl-             | 184 | C13H28    | 017301-26-7  | 72   |
| 3    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24    | 017302-32-8  | 64   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 53   |
| 5    |    |   | 5-Nonanol, trimethylacetate         | 228 | C14H28O2  | 1000463-48-2 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

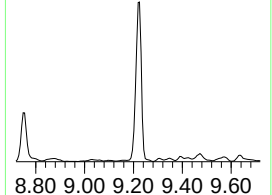
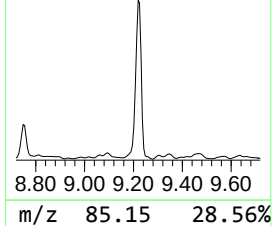
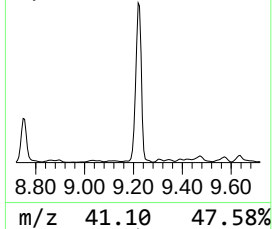
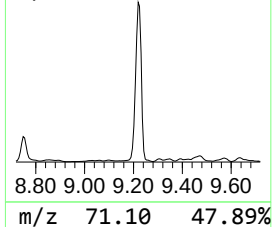
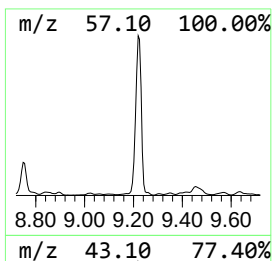
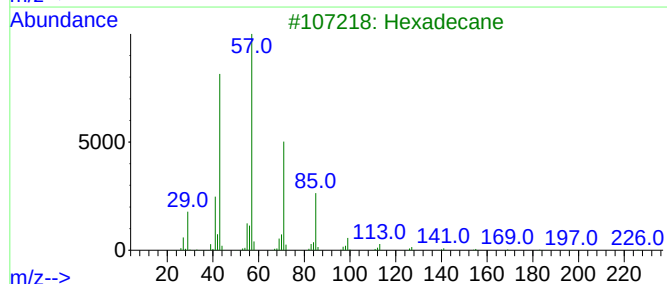
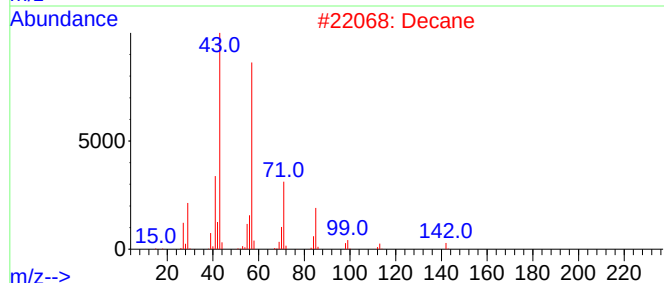
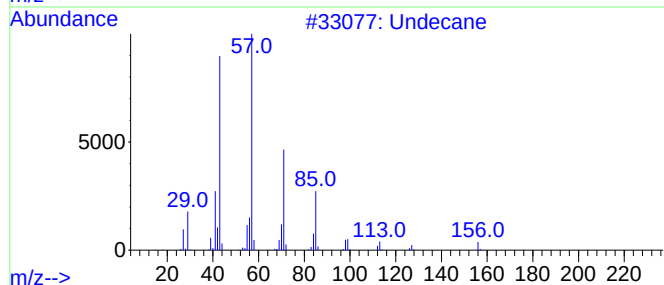
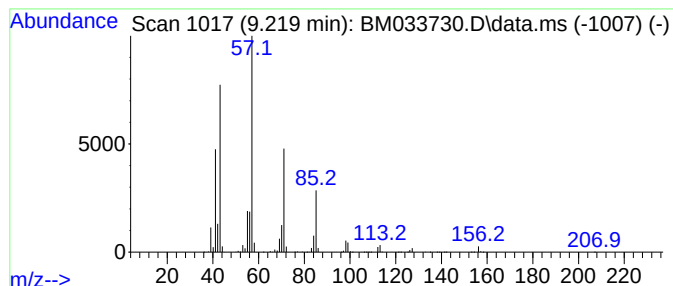
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Undecane Concentration Rank 2

| R.T.  | EstConc  | Area     | Relative to ISTD       | R.T.  |
|-------|----------|----------|------------------------|-------|
| 9.219 | 73.04 ng | 12921400 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of 5                                | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|--------------|-----|----------|--------------|------|
| 1    | Undecane                            |              | 156 | C11H24   | 001120-21-4  | 95   |
| 2    | Decane                              |              | 142 | C10H22   | 000124-18-5  | 90   |
| 3    | Hexadecane                          |              | 226 | C16H34   | 000544-76-3  | 86   |
| 4    | Tetradecane                         |              | 198 | C14H30   | 000629-59-4  | 86   |
| 5    | Carbonic acid, prop-1-en-2-yl te... |              | 298 | C18H34O3 | 1000382-90-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

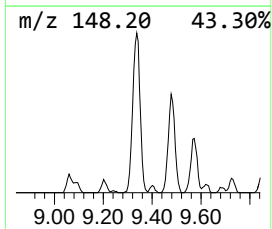
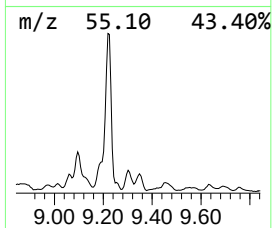
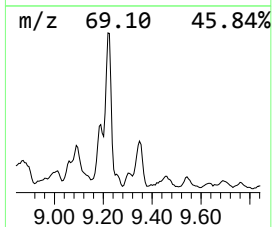
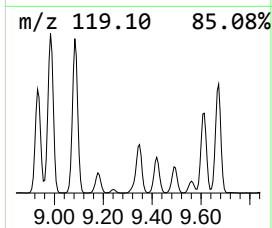
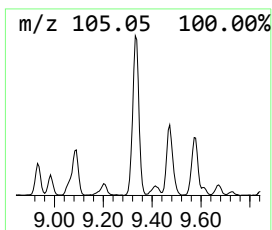
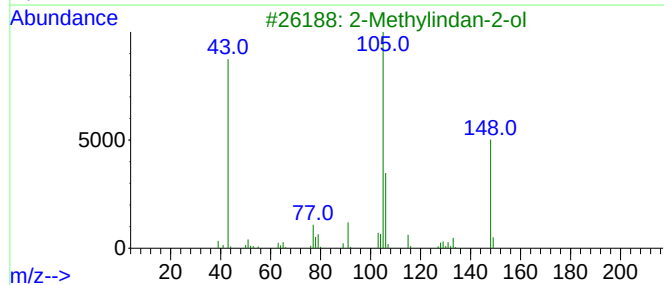
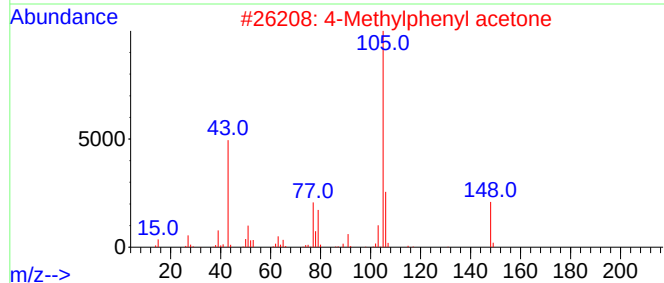
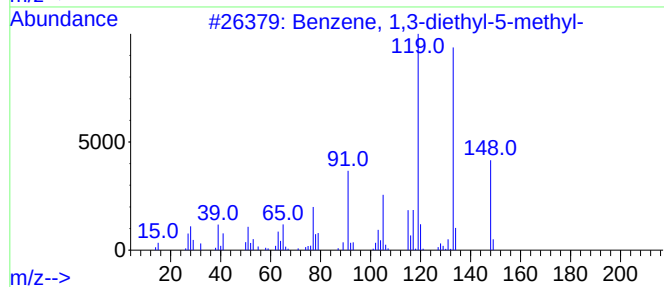
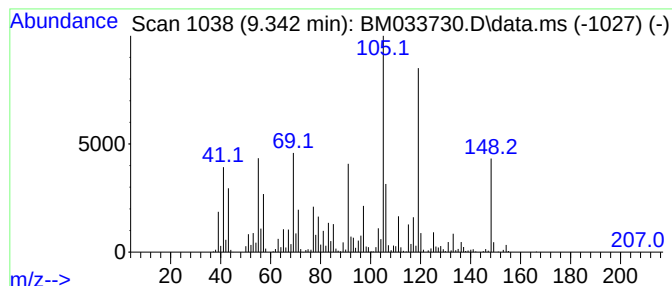
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 9.342 | 10.38 ng | 1835970 | 1,4-Dichlorobenzene-d4 | 7.966 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Benzene, 1,3-diethyl-5-methyl-      | 148 | C11H16  | 002050-24-0 | 58   |
| 2    |      | 4-Methylphenyl acetone              | 148 | C10H12O | 002096-86-8 | 42   |
| 3    |      | 2-Methylindan-2-ol                  | 148 | C10H12O | 033223-84-6 | 38   |
| 4    |      | Benzene, 4-(chloromethyl)-1,2-di... | 154 | C9H11Cl | 000102-46-5 | 38   |
| 5    |      | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

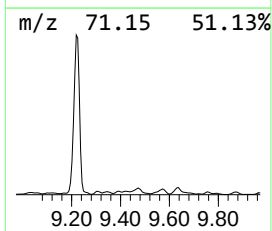
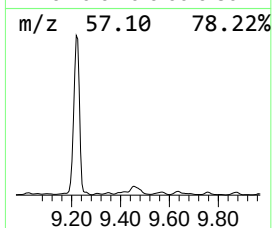
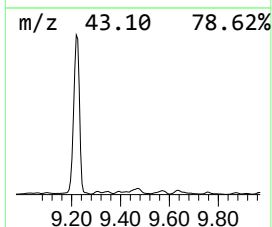
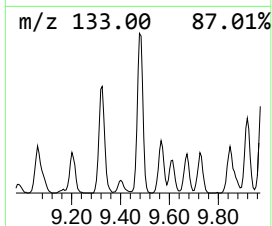
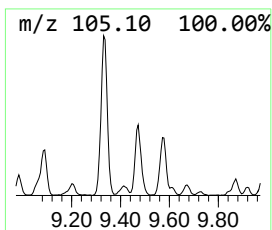
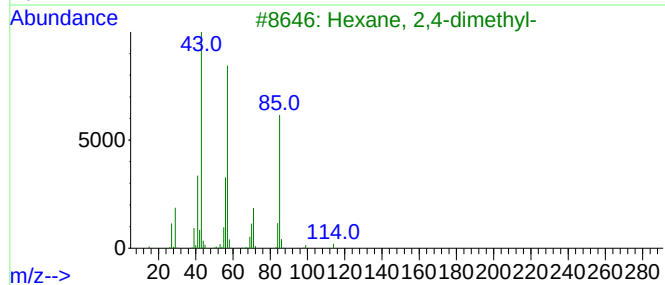
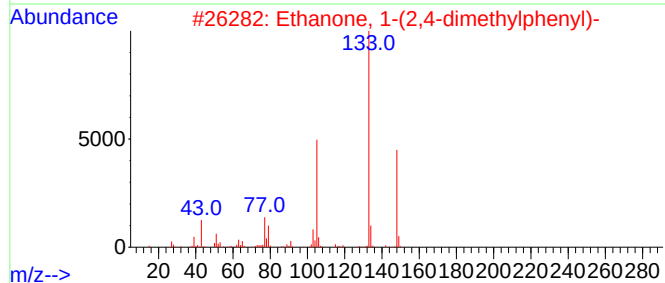
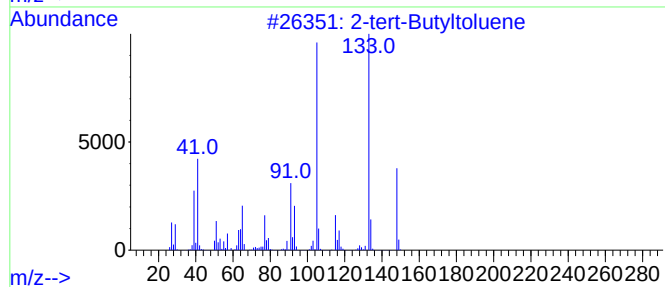
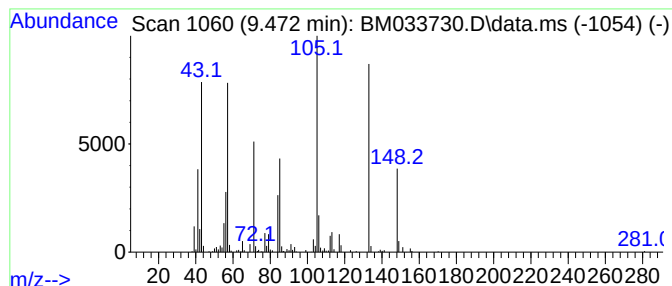
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 unknown9.472 Concentration Rank 11

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.   |
|-------|----------|---------|------------------|--------|
| 9.472 | 10.07 ng | 1151790 | Naphthalene-d8   | 10.778 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-tert-Butyltoluene               | 148 | C11H16   | 001074-92-6  | 43   |
| 2    |    |   | Ethanone, 1-(2,4-dimethylphenyl)- | 148 | C10H12O  | 000089-74-7  | 38   |
| 3    |    |   | Hexane, 2,4-dimethyl-             | 114 | C8H18    | 000589-43-5  | 35   |
| 4    |    |   | Dodecane, 5-methyl-               | 184 | C13H28   | 017453-93-9  | 27   |
| 5    |    |   | Hydratropic acid, isohexyl ester  | 234 | C15H22O2 | 1000415-06-2 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
Data File : BM033730.D  
Acq On : 14 Jan 2022 16:25  
Operator : CG/JU  
Sample : N1143-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

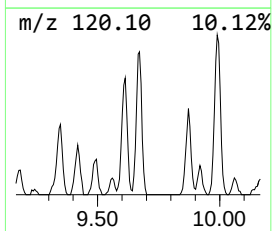
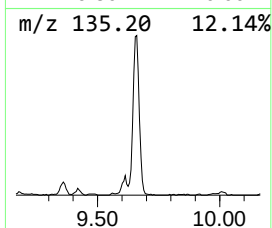
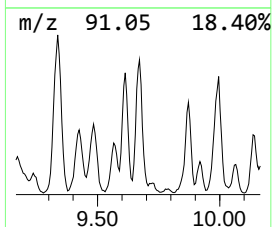
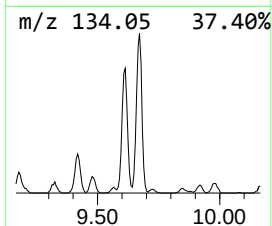
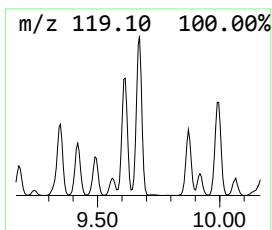
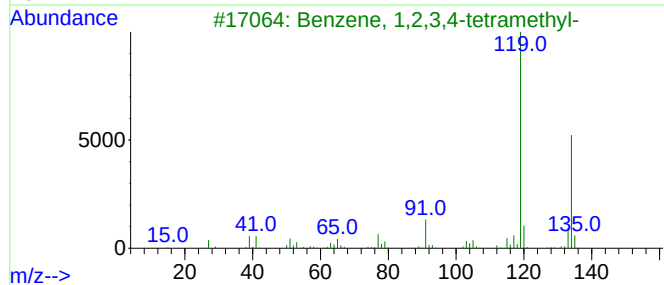
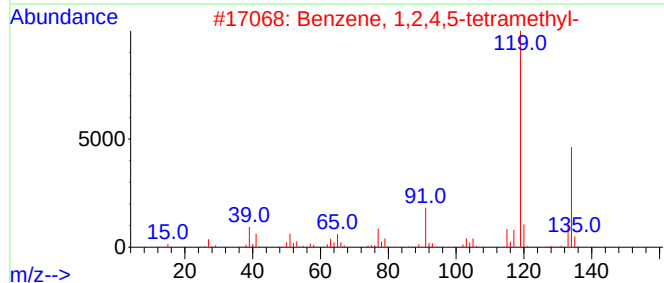
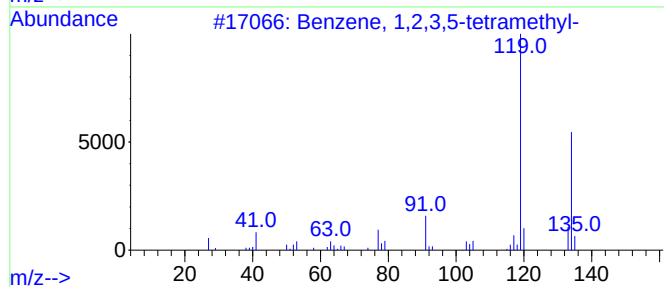
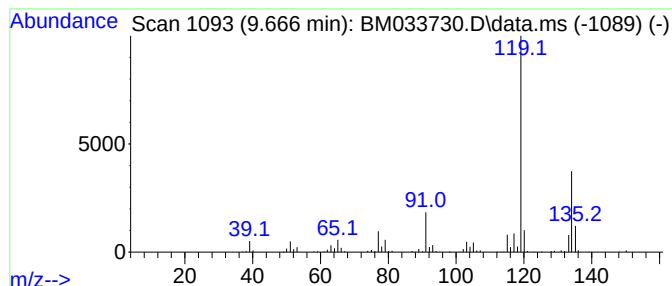
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.   |
|-------|---------|--------|------------------|--------|
| 9.666 | 8.39 ng | 959584 | Naphthalene-d8   | 10.778 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 94   |
| 2    |      | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 94   |
| 3    |      | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 94   |
| 4    |      | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 94   |
| 5    |      | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 93   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011422\  
 Data File : BM033730.D  
 Acq On : 14 Jan 2022 16:25  
 Operator : CG/JU  
 Sample : N1143-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WEST-BOILER-ROOM-BOTTOM

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.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 |
| Nonane             | 5.972 | 19.8    | ng    | 3494150  | 1                     | 7.966  | 3538360 | 20.0 |
| unknown6.231       | 6.231 | 7.6     | ng    | 1348880  | 1                     | 7.966  | 3538360 | 20.0 |
| Octane, 2,6-dim... | 6.519 | 9.5     | ng    | 1681810  | 1                     | 7.966  | 3538360 | 20.0 |
| Cyclohexane, pr... | 6.601 | 7.4     | ng    | 1312870  | 1                     | 7.966  | 3538360 | 20.0 |
| Nonane, 5-methyl-  | 6.925 | 8.0     | ng    | 1406060  | 1                     | 7.966  | 3538360 | 20.0 |
| Nonane, 4-methyl-  | 6.960 | 14.8    | ng    | 2613550  | 1                     | 7.966  | 3538360 | 20.0 |
| Nonane, 2-methyl-  | 7.019 | 18.9    | ng    | 3353090  | 1                     | 7.966  | 3538360 | 20.0 |
| Benzene, 1,2,3-... | 7.184 | 6.8     | ng    | 1210560  | 1                     | 7.966  | 3538360 | 20.0 |
| Decane             | 7.607 | 107.8   | ng    | 19075200 | 1                     | 7.966  | 3538360 | 20.0 |
| Dodecane, 2,6,1... | 8.054 | 7.3     | ng    | 1289330  | 1                     | 7.966  | 3538360 | 20.0 |
| Hexadecane         | 8.172 | 7.3     | ng    | 1300730  | 1                     | 7.966  | 3538360 | 20.0 |
| Cyclohexane, bu... | 8.266 | 15.9    | ng    | 2805430  | 1                     | 7.966  | 3538360 | 20.0 |
| Heptane, 4-ethyl-  | 8.513 | 17.4    | ng    | 3085060  | 1                     | 7.966  | 3538360 | 20.0 |
| Decane, 4-methyl-  | 8.572 | 9.4     | ng    | 1664420  | 1                     | 7.966  | 3538360 | 20.0 |
| Decane, 2-methyl-  | 8.643 | 20.6    | ng    | 3647070  | 1                     | 7.966  | 3538360 | 20.0 |
| Decane, 3-methyl-  | 8.748 | 14.9    | ng    | 2627660  | 1                     | 7.966  | 3538360 | 20.0 |
| Undecane           | 9.219 | 73.0    | ng    | 12921400 | 1                     | 7.966  | 3538360 | 20.0 |
| Benzene, 1,3-di... | 9.342 | 10.4    | ng    | 1835970  | 1                     | 7.966  | 3538360 | 20.0 |
| unknown9.472       | 9.472 | 10.1    | ng    | 1151790  | 2                     | 10.778 | 2287590 | 20.0 |
| Benzene, 1,2,3,... | 9.666 | 8.4     | ng    | 959584   | 2                     | 10.778 | 2287590 | 20.0 |