LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-23

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: BF127126.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.599 | 33 | 53 | 63 | rVB3 | 121263 | 492771 | 2.10% | 0.285% |
| 2 | 2.822 | 84 | 91 | 99 | rVB3 | 97680 | 245107 | 1.04% | 0.142% |
| 3 | 3.052 | 99 | 130 | 132 | rBV6 | 109199 | 559625 | 2.38% | 0.323% |
| 4 | 3.093 | 133 | 137 | 145 | rVB | 173569 | 371785 | 1.58% | 0.215% |
| 5 | 3.699 | 235 | 240 | 247 | rVV | 295844 | 519476 | 2.21% | 0.300% |
| 6 | 3.781 | 247 | 254 | 263 | rVB5 | 133472 | 316839 | 1.35% | 0.183% |
| 7 | 4.005 | 280 | 292 | 296 | rBV | 819267 | 1170052 | 4.98% | 0.676% |
| 8 | 4.057 | 296 | 301 | 306 | rVB | 327206 | 450492 | 1.92% | 0.260% |
| 9 | 4.440 | 360 | 366 | 369 | rBV2 | 458366 | 626135 | 2.66% | 0.362% |
| 10 | 4.516 | 374 | 379 | 383 | rBV | 473709 | 553378 | 2.36% | 0.320% |
| 11 | 4.663 | 397 | 404 | 409 | rBV2 | 309801 | 421828 | 1.80% | 0.244% |
| 12 | 5.399 | 522 | 529 | 532 | rVB | 7569727 | 9167264 | 39.01% | 5.297% |
| 13 | 5.534 | 539 | 552 | 555 | rBV | 10105776 | 23497021 | 100.00% | 13.578% |
| 14 | 5.757 | 584 | 590 | 593 | rBV | 6612907 | 7869154 | 33.49% | 4.547% |
| 15 | 6.063 | 638 | 642 | 649 | rVB | 250292 | 244708 | 1.04% | 0.141% |
| 16 | 6.422 | 698 | 703 | 706 | rBV | 6024925 | 6504034 | 27.68% | 3.758% |
| 17 | 6.457 | 706 | 709 | 712 | rVV | 6259650 | 5260714 | 22.39% | 3.040% |
| 18 | 6.498 | 712 | 716 | 718 | rVV | 4908953 | 4250268 | 18.09% | 2.456% |
| 19 | 6.522 | 718 | 720 | 725 | rVB2 | 592954 | 589649 | 2.51% | 0.341% |
| 20 | 6.587 | 725 | 731 | 734 | rBV | 6974760 | 6761886 | 28.78% | 3.907% |
| 21 | 6.728 | 749 | 755 | 758 | rVB | 9670306 | 12588751 | 53.58% | 7.274% |
| 22 | 6.893 | 779 | 783 | 786 | rBV | 680691 | 604429 | 2.57% | 0.349% |
| 23 | 6.922 | 786 | 788 | 789 | rVV | 481616 | 344883 | 1.47% | 0.199% |
| 24 | 6.957 | 789 | 794 | 797 | rVB | 7072353 | 7356444 | 31.31% | 4.251% |
| 25 | 7.081 | 810 | 815 | 817 | rVV | 5938392 | 6256851 | 26.63% | 3.616% |
| 26 | 7.134 | 820 | 824 | 826 | rBV | 1329859 | 1283745 | 5.46% | 0.742% |
| 27 | 7.163 | 826 | 829 | 832 | rVB2 | 1302579 | 1218817 | 5.19% | 0.704% |
| 28 | 7.204 | 832 | 836 | 839 | rBV | 2390743 | 2115883 | 9.00% | 1.223% |
| 29 | 7.281 | 845 | 849 | 855 | rVB | 1078667 | 917726 | 3.91% | 0.530% |
| 30 | 7.351 | 857 | 861 | 863 | rBV | 1740621 | 1618210 | 6.89% | 0.935% |
| 31 | 7.375 | 863 | 865 | 869 | rVB | 1475650 | 1308624 | 5.57% | 0.756% |
| 32 | 7.428 | 869 | 874 | 876 | rBV | 3581306 | 3748887 | 15.95% | 2.166% |
| 33 | 7.463 | 876 | 880 | 883 | rVB | 4180299 | 4125611 | 17.56% | 2.384% |
| 34 | 7.534 | 888 | 892 | 895 | rBV2 | 222139 | 242907 | 1.03% | 0.140% |
| 35 | 7.569 | 895 | 898 | 901 | rBV | 1068518 | 967844 | 4.12% | 0.559% |
| 36 | 7.657 | 909 | 913 | 915 | rBV | 2038308 | 1890591 | 8.05% | 1.092% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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 | 7.687 | 915 | 918 | 921 | rVB | 2897679 | 2524340 | 10.74% | 1.459% |
| 38 | 7.734 | 921 | 926 | 928 | rBV | 285424 | 263641 | 1.12% | 0.152% |
| 39 | 7.775 | 928 | 933 | 938 | rVV2 | 1032806 | 1432409 | 6.10% | 0.828% |
| 40 | 7.845 | 938 | 945 | 950 | rVB2 | 2501866 | 3359680 | 14.30% | 1.941% |
| 41 | 7.910 | 950 | 956 | 959 | rBV | 4704583 | 5252430 | 22.35% | 3.035% |
| 42 | 7.934 | 959 | 960 | 962 | rVV | 470463 | 406086 | 1.73% | 0.235% |
| 43 | 7.957 | 962 | 964 | 971 | rVV3 | 428818 | 909220 | 3.87% | 0.525% |
| 44 | 8.016 | 971 | 974 | 977 | rVV2 | 1040097 | 1238191 | 5.27% | 0.715% |
| 45 | 8.122 | 987 | 992 | 994 | rVV2 | 561646 | 614745 | 2.62% | 0.355% |
| 46 | 8.163 | 996 | 999 | 1001 | rVV | 1045135 | 1454677 | 6.19% | 0.841% |
| 47 | 8.204 | 1001 | 1006 | 1011 | rVV | 6500877 | 9424765 | 40.11% | 5.446% |
| 48 | 8.251 | 1011 | 1014 | 1017 | rVB2 | 597891 | 541078 | 2.30% | 0.313% |
| 49 | 8.363 | 1029 | 1033 | 1036 | rVV3 | 361402 | 423494 | 1.80% | 0.245% |
| 50 | 8.440 | 1036 | 1046 | 1053 | rVB2 | 834128 | 1578833 | 6.72% | 0.912% |
| 51 | 8.557 | 1062 | 1066 | 1068 | rVB | 568939 | 600470 | 2.56% | 0.347% |
| 52 | 8.592 | 1068 | 1072 | 1077 | rBV | 1309035 | 1569617 | 6.68% | 0.907% |
| 53 | 8.640 | 1077 | 1080 | 1083 | rVV | 489360 | 524777 | 2.23% | 0.303% |
| 54 | 8.675 | 1083 | 1086 | 1088 | rVV | 532289 | 494949 | 2.11% | 0.286% |
| 55 | 8.769 | 1098 | 1102 | 1105 | rVB3 | 654480 | 800400 | 3.41% | 0.463% |
| 56 | 8.834 | 1109 | 1113 | 1117 | rVB3 | 377311 | 439481 | 1.87% | 0.254% |
| 57 | 8.892 | 1117 | 1123 | 1126 | rBV | 4056382 | 3839844 | 16.34% | 2.219% |
| 58 | 8.992 | 1135 | 1140 | 1143 | rBV | 3294335 | 3148228 | 13.40% | 1.819% |
| 59 | 9.251 | 1179 | 1184 | 1187 | rVB | 3990949 | 3435619 | 14.62% | 1.985% |
| 60 | 9.328 | 1193 | 1197 | 1200 | rBV2 | 209203 | 296375 | 1.26% | 0.171% |
| 61 | 9.445 | 1215 | 1217 | 1223 | rVB | 352081 | 386647 | 1.65% | 0.223% |
| 62 | 9.516 | 1223 | 1229 | 1233 | rBV2 | 696509 | 1038091 | 4.42% | 0.600% |
| 63 | 9.587 | 1238 | 1241 | 1244 | rVV | 964621 | 1080563 | 4.60% | 0.624% |
| 64 | 9.616 | 1244 | 1246 | 1253 | rVB | 679369 | 527336 | 2.24% | 0.305% |
| 65 | 9.704 | 1258 | 1261 | 1263 | rBV | 401287 | 359622 | 1.53% | 0.208% |
| 66 | 9.934 | 1295 | 1300 | 1303 | rBV | 1159707 | 1020034 | 4.34% | 0.589% |
| 67 | 10.245 | 1349 | 1353 | 1356 | rBV3 | 232735 | 244335 | 1.04% | 0.141% |
| 68 | 10.328 | 1362 | 1367 | 1370 | rBV3 | 188676 | 263966 | 1.12% | 0.153% |
| 69 | 10.722 | 1430 | 1434 | 1444 | rVB | 1651495 | 1510603 | 6.43% | 0.873% |
| 70 | 11.422 | 1550 | 1553 | 1556 | rBV | 1012779 | 859926 | 3.66% | 0.497% |
| 71 | 11.980 | 1645 | 1648 | 1654 | rVB | 261264 | 236236 | 1.01% | 0.137% |
| 72 | 13.010 | 1819 | 1823 | 1827 | rVB | 3256941 | 3047858 | 12.97% | 1.761% |
| 73 | 13.904 | 1972 | 1975 | 1983 | rBV2 | 243675 | 396629 | 1.69% | 0.229% |
| 74 | 14.069 | 1999 | 2003 | 2006 | rVB | 609937 | 532527 | 2.27% | 0.308% |
| 75 | 15.563 | 2252 | 2257 | 2261 | rVB | 411861 | 515158 | 2.19% | 0.298% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

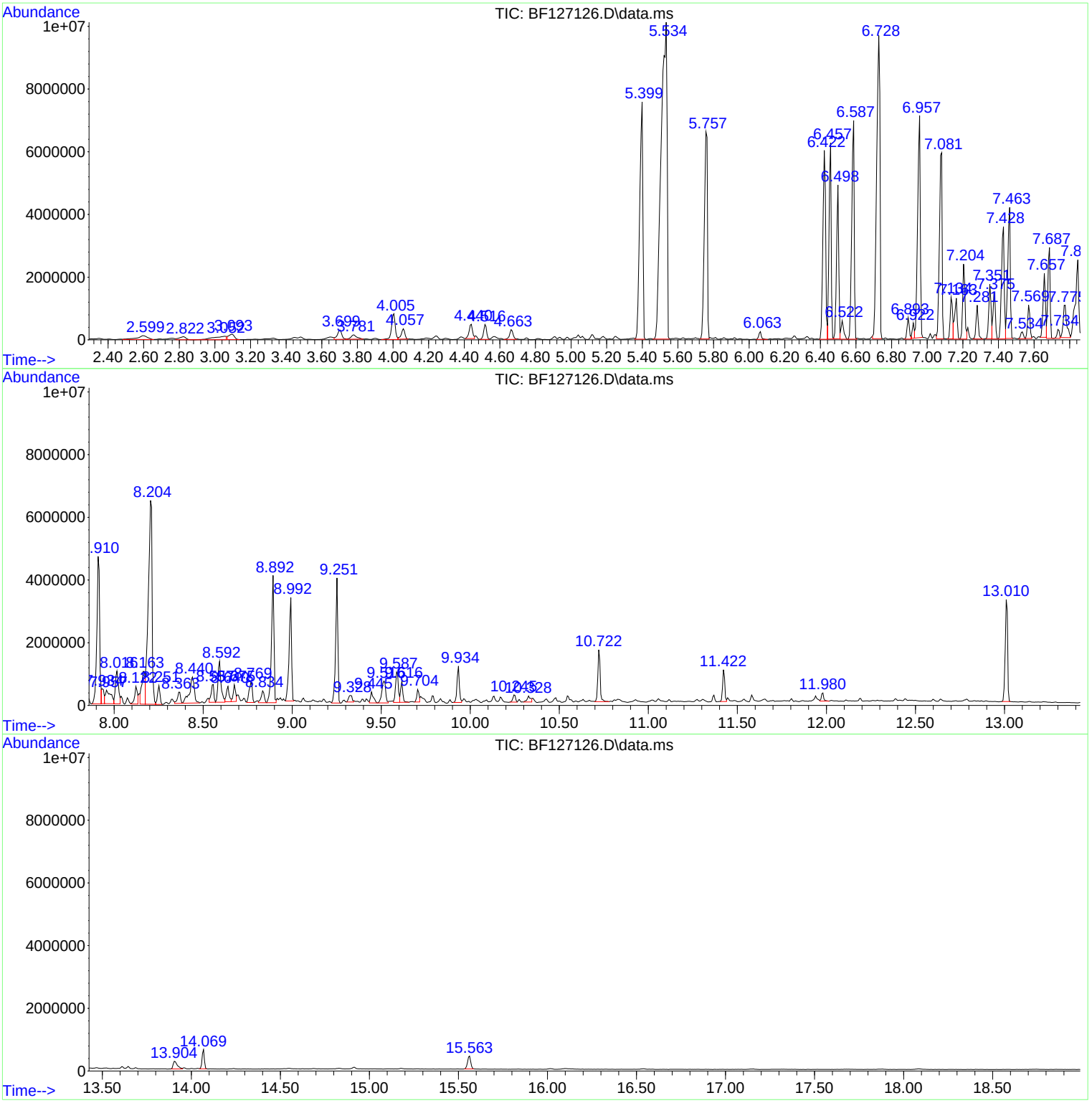
Sum of corrected areas: 173055269

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

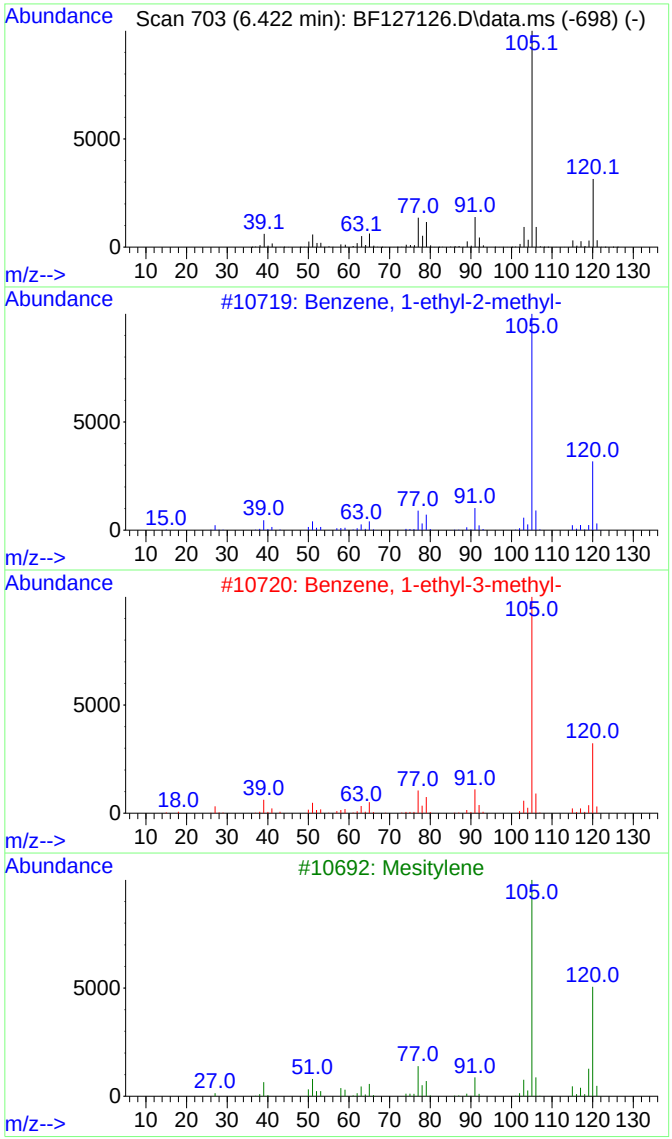
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

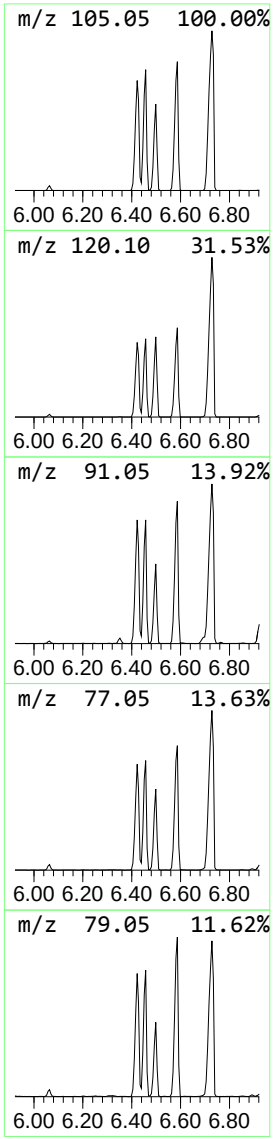
**********

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.422 | 215.21 ng | 6504030 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

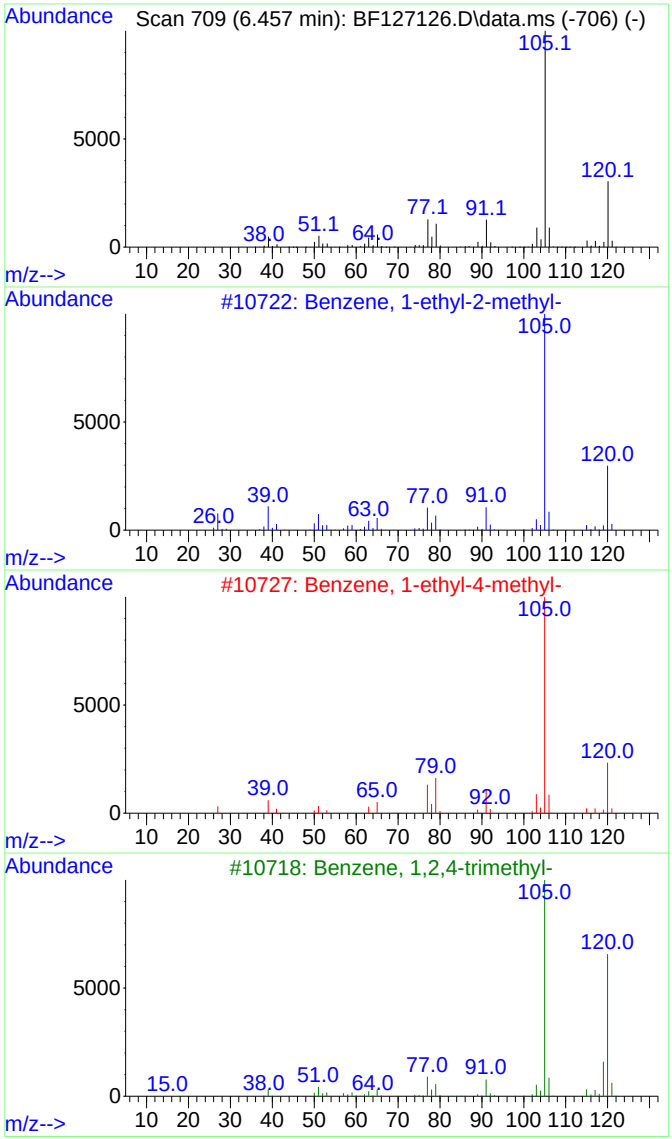
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

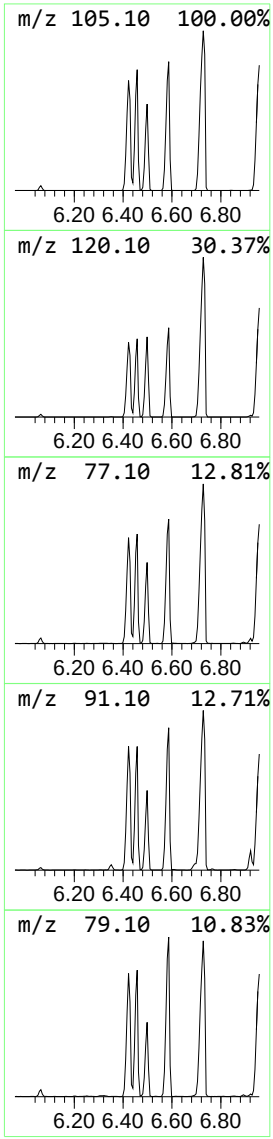
**********

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.457 | 174.07 ng | 5260710 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

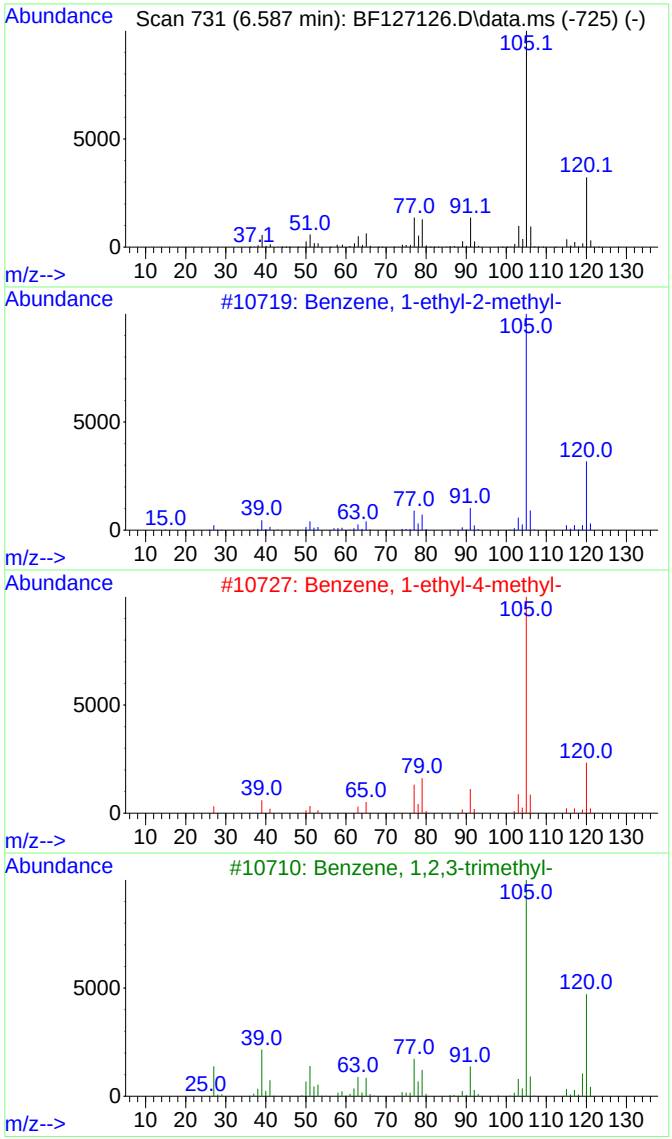
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

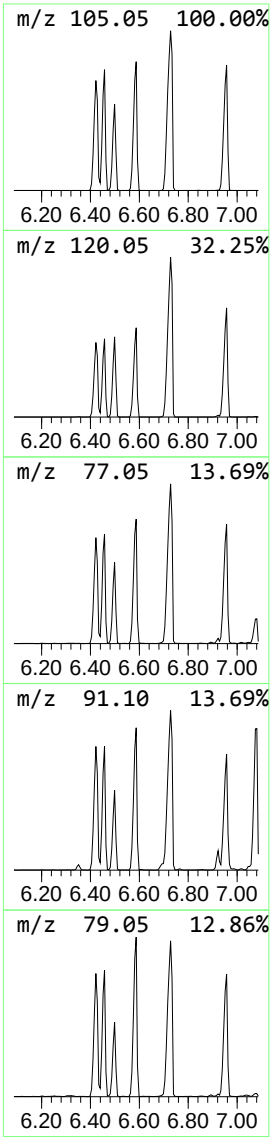
**********

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.587 | 223.75 ng | 6761890 | 1,4-Dichlorobenzene-d4 | 6.893 |

| 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-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

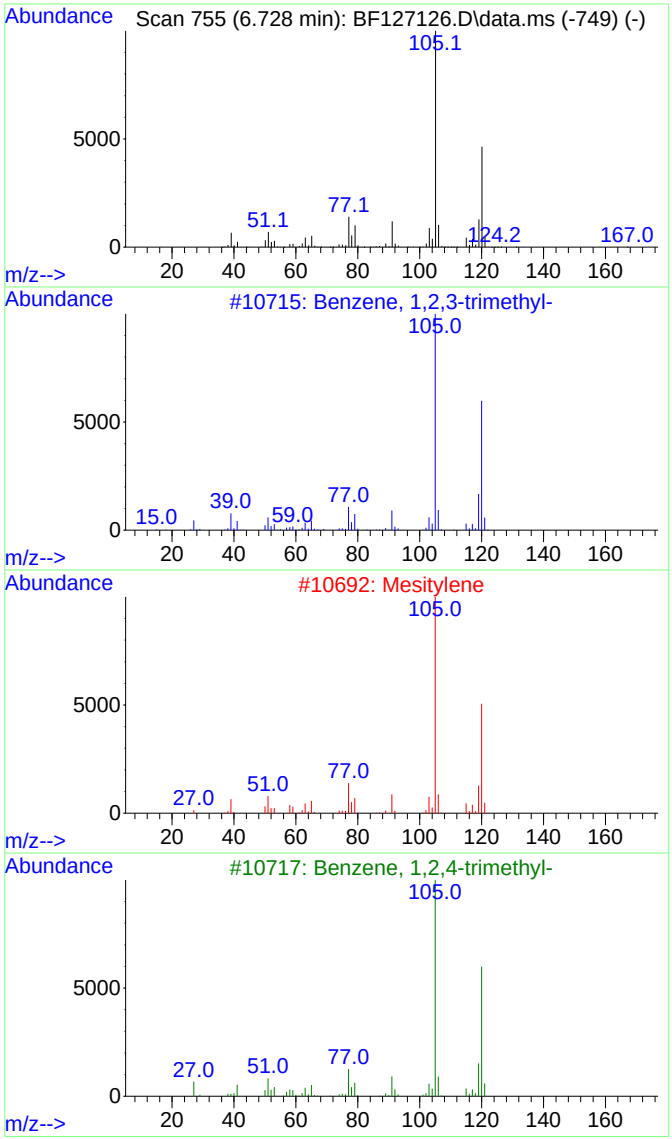
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

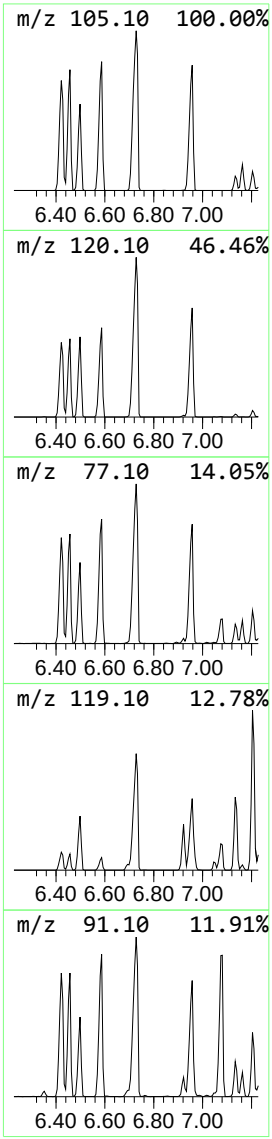
**********

Peak Number 7 Mesitylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.728 | 416.55 ng | 12588800 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

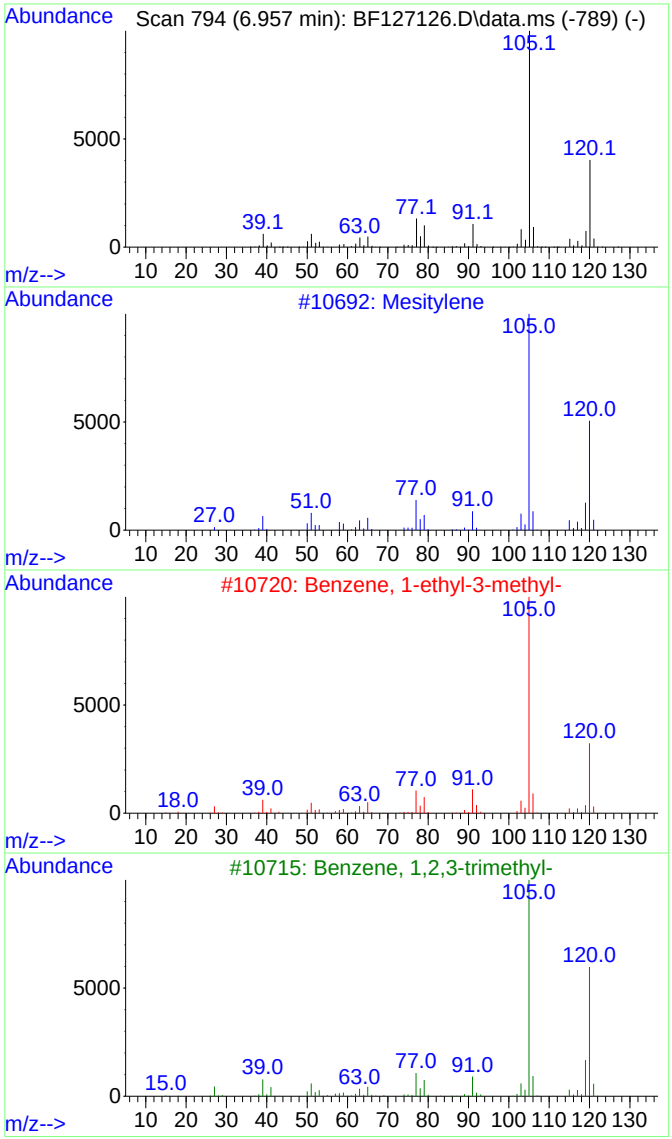
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

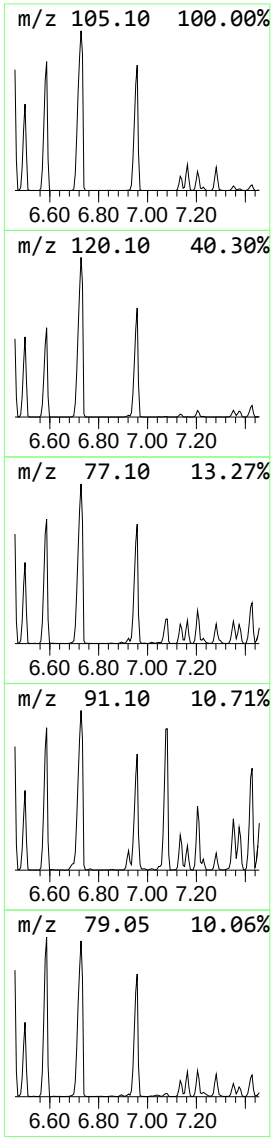
**********

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.957 | 243.42 ng | 7356440 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

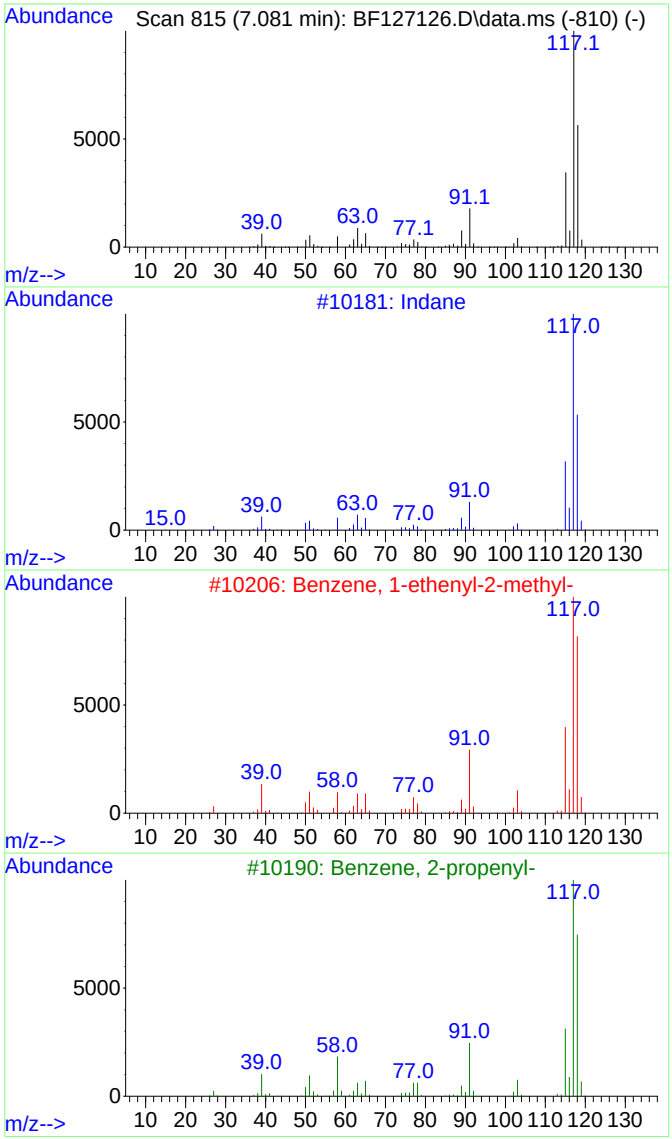
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

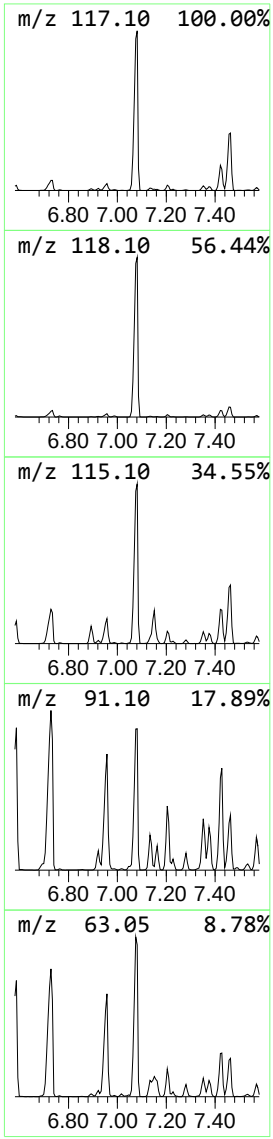
**********

Peak Number 9 Indane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.081 | 207.03 ng | 6256850 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 2 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 72 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 60 |
| 4 | Benzeneethanol, .beta.-ethenyl- | 148 | C10H12O | 006052-63-7 | 53 |
| 5 | Benzaldehyde, 4-(1-phenyl-2-prop... | 238 | C16H14O2 | 1000277-56-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

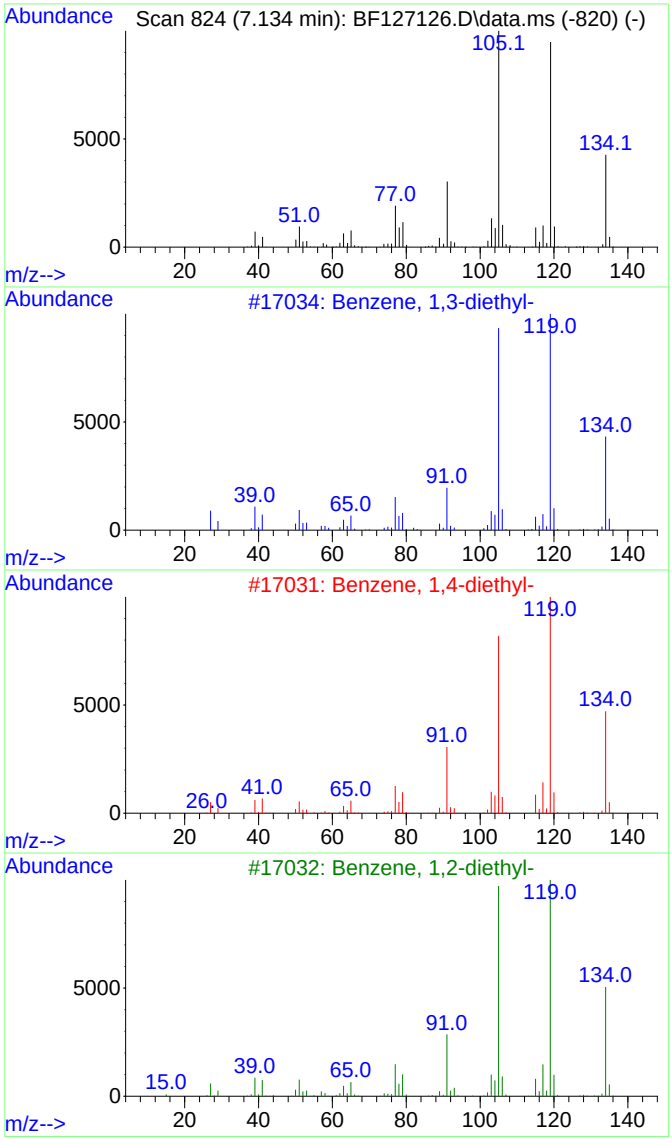
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

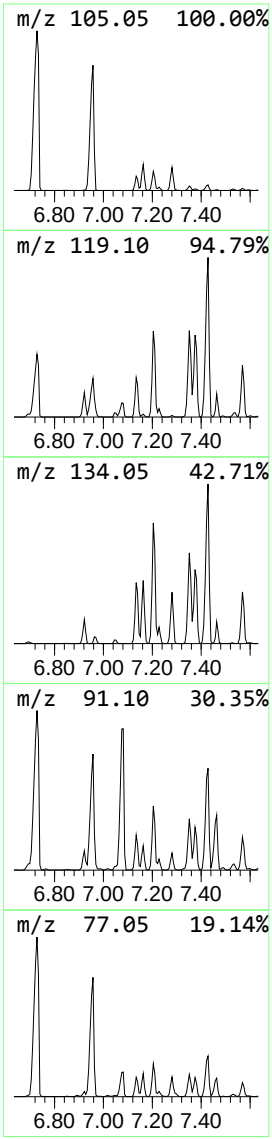
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.134 | 42.48 ng | 1283750 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 97 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 97 |
| 3 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 95 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 87 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

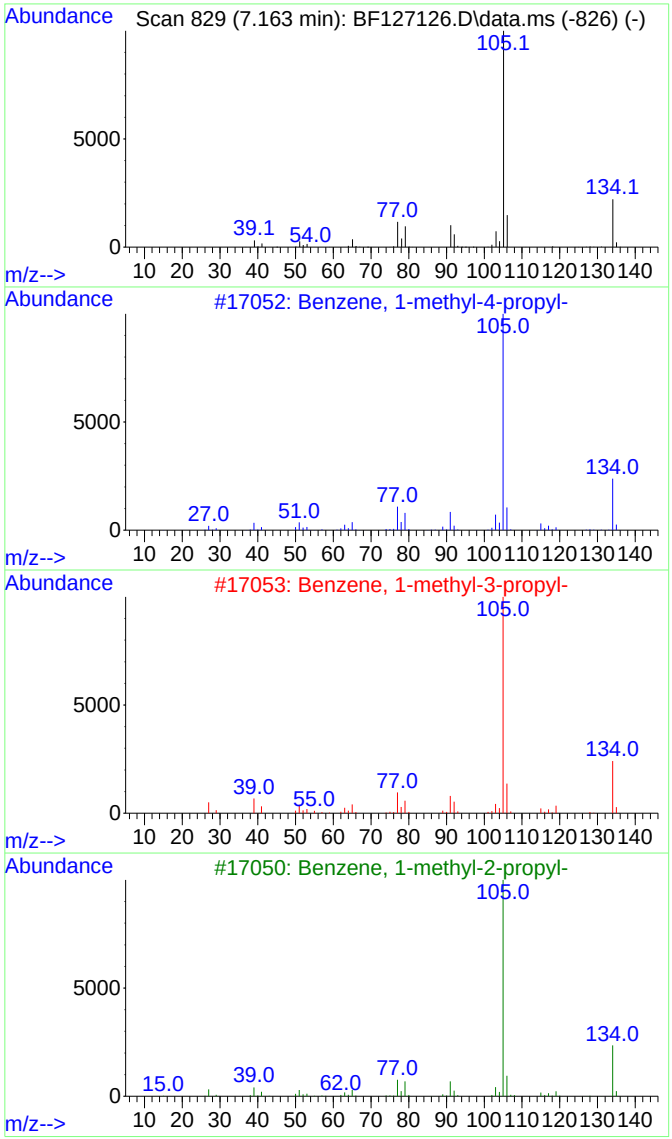
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

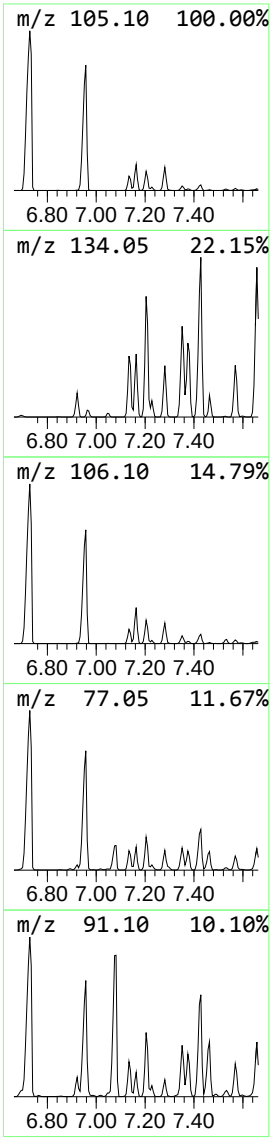
**********

Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.163 | 40.33 ng | 1218820 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 2 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 91 |
| 3 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 91 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 86 |
| 5 | 2-Indanol | 134 | C9H10O | 004254-29-9 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

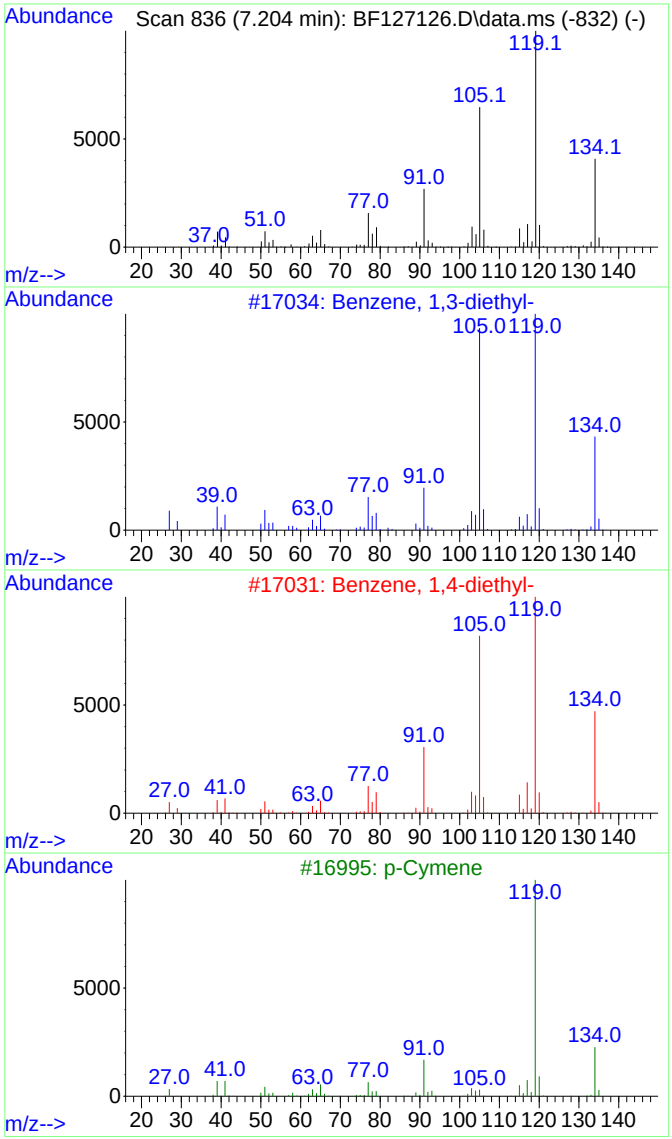
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

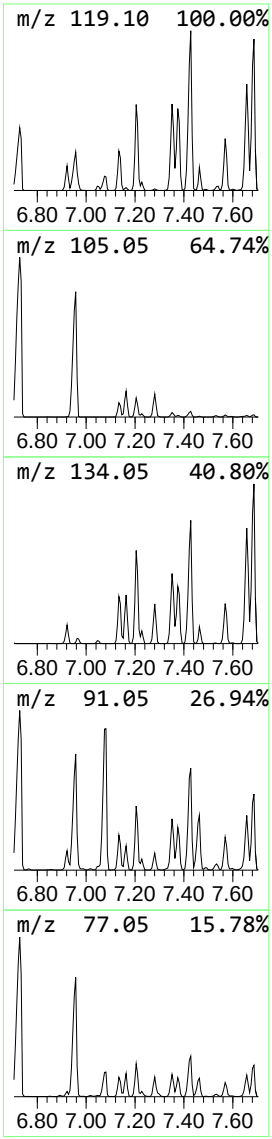
**********

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.204 | 70.01 ng | 2115880 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 95 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

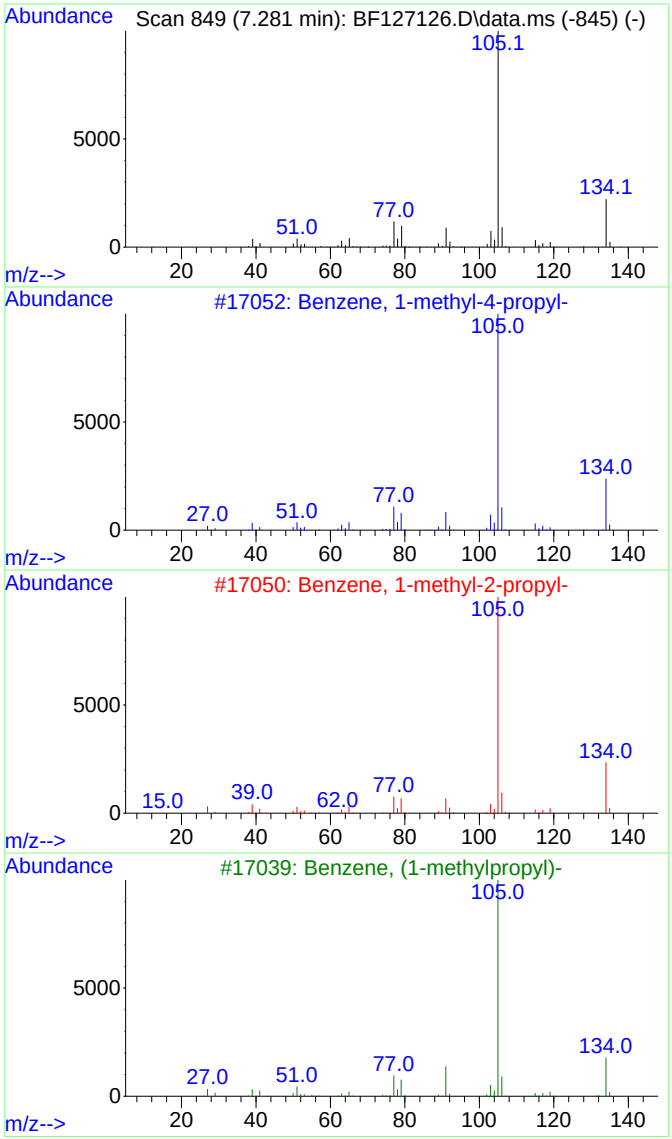
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

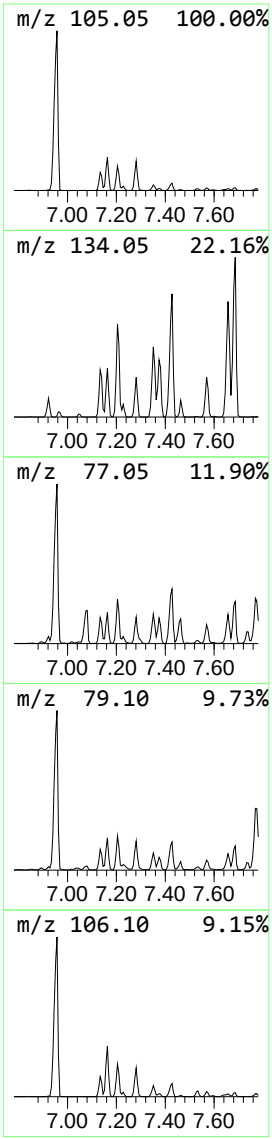
**********

Peak Number 13 Benzene, 1-methyl-2-propyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.281 | 30.37 ng | 917726 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 95 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 94 |
| 3 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 4 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 91 |
| 5 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 90 |



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Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

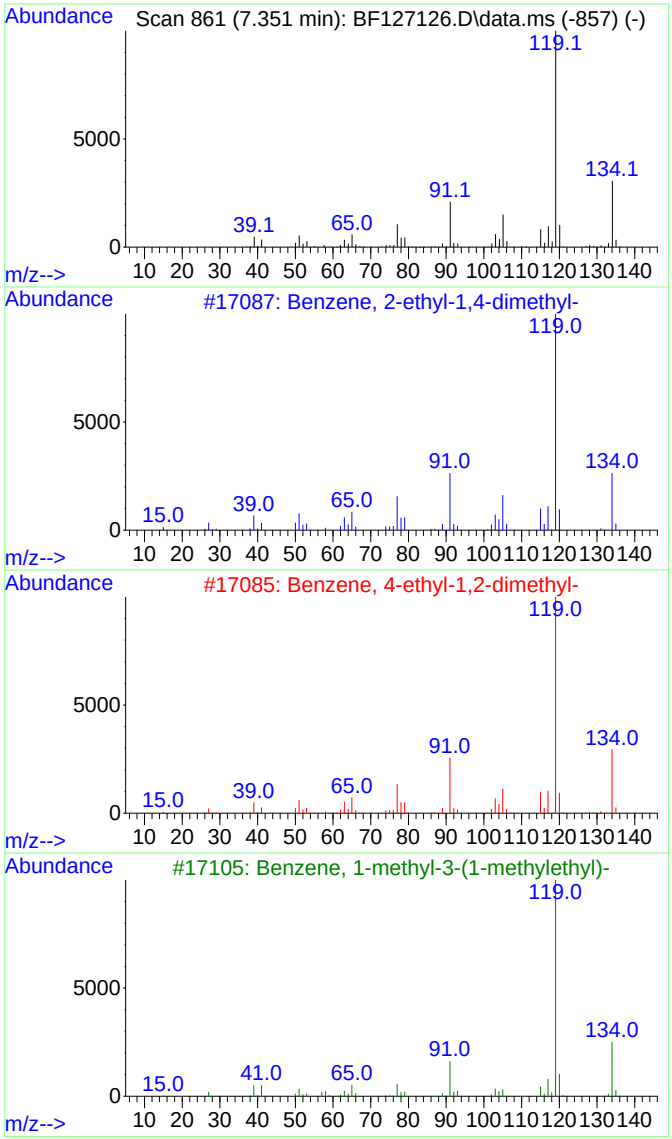
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

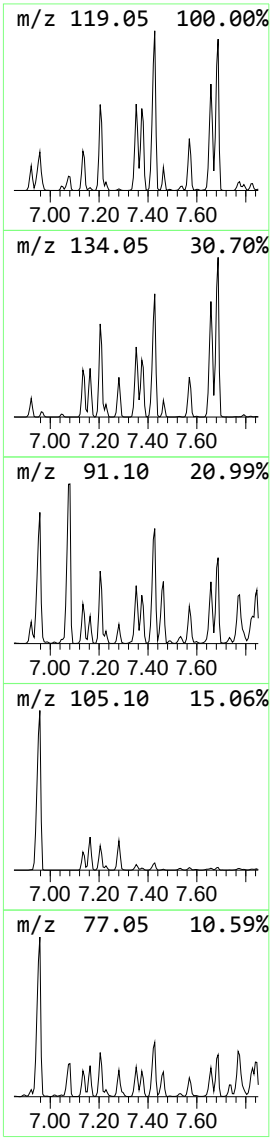
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.351 | 53.55 ng | 1618210 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

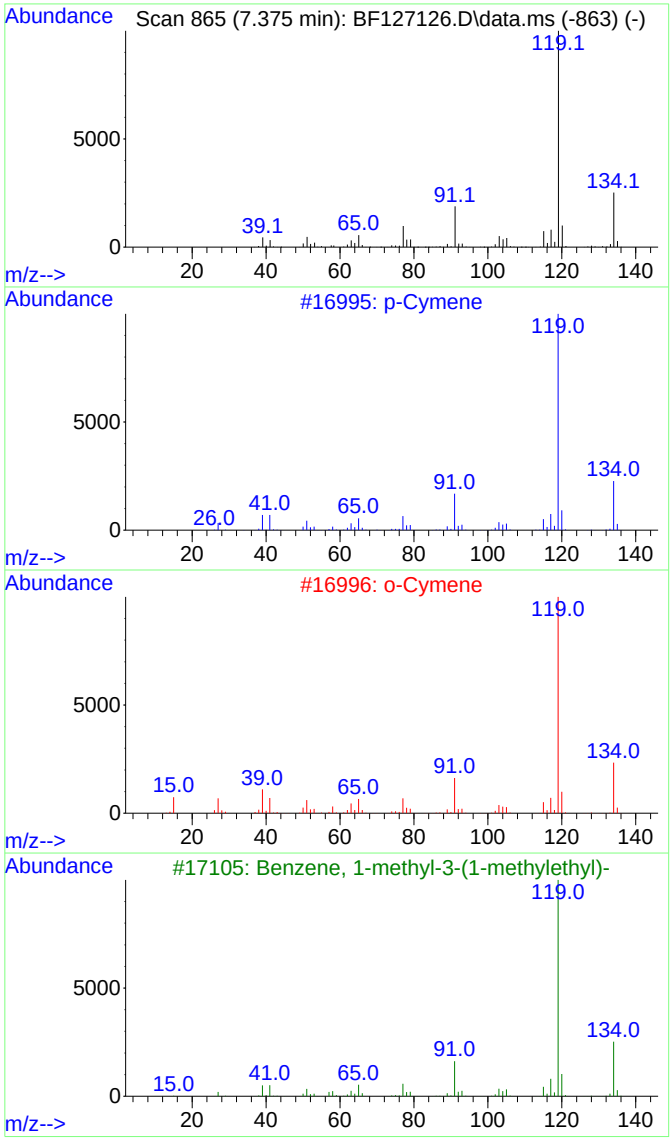
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

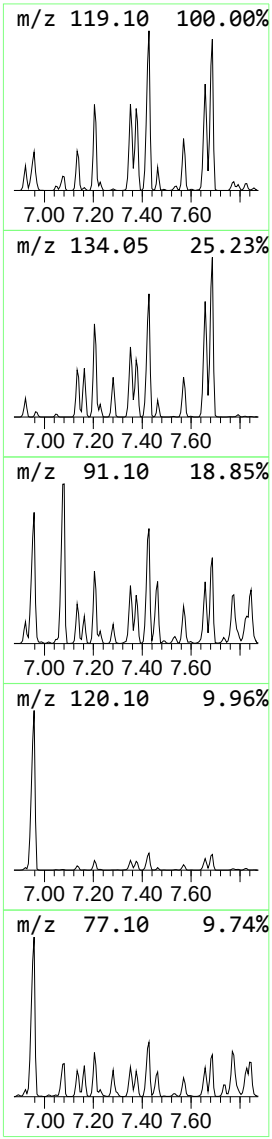
**********

Peak Number 15 p-Cymene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.375 | 43.30 ng | 1308620 | 1,4-Dichlorobenzene-d4 | 6.893 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cymene | 134 | C10H14 | 000099-87-6 | 97 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 5 | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134 | C10H14 | 003479-89-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

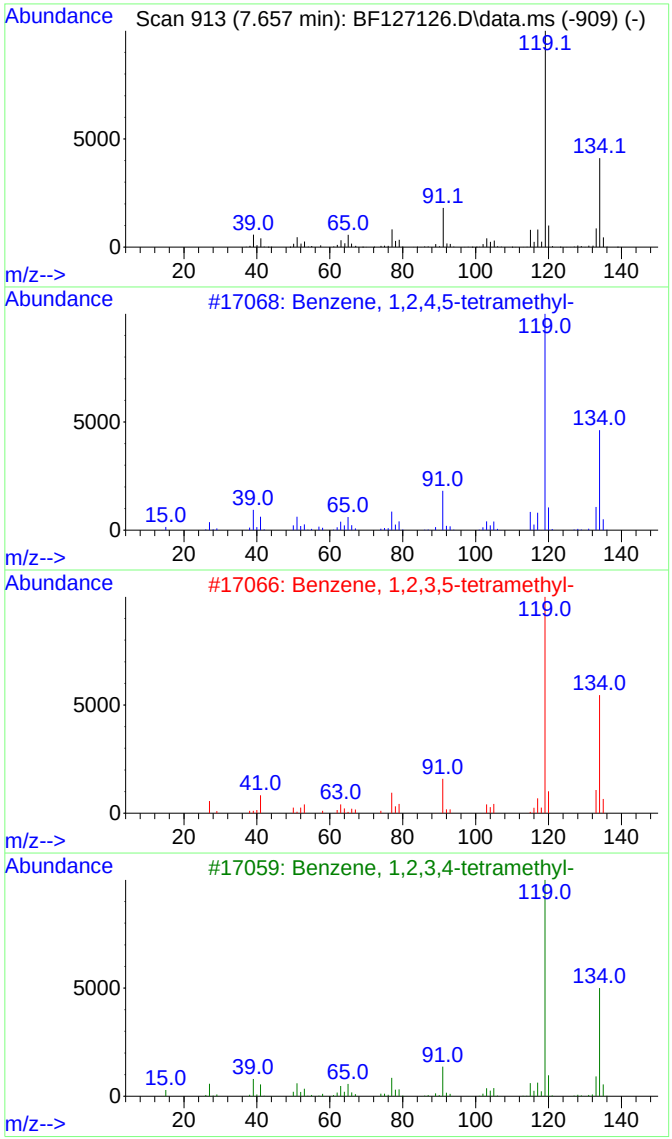
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

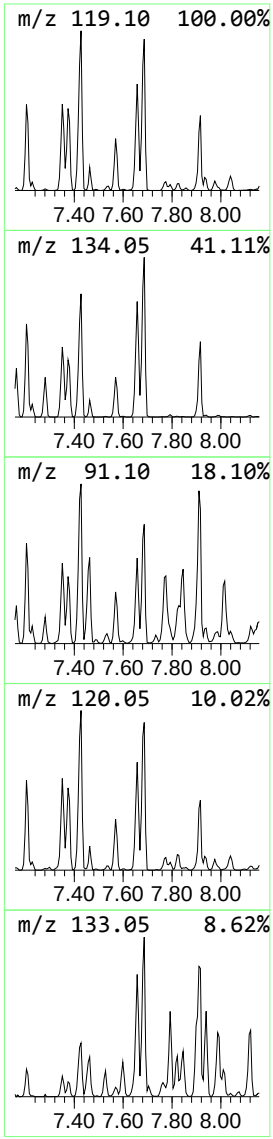
**********

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.657 | 25.99 ng | 1890590 | Naphthalene-d8 | 8.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

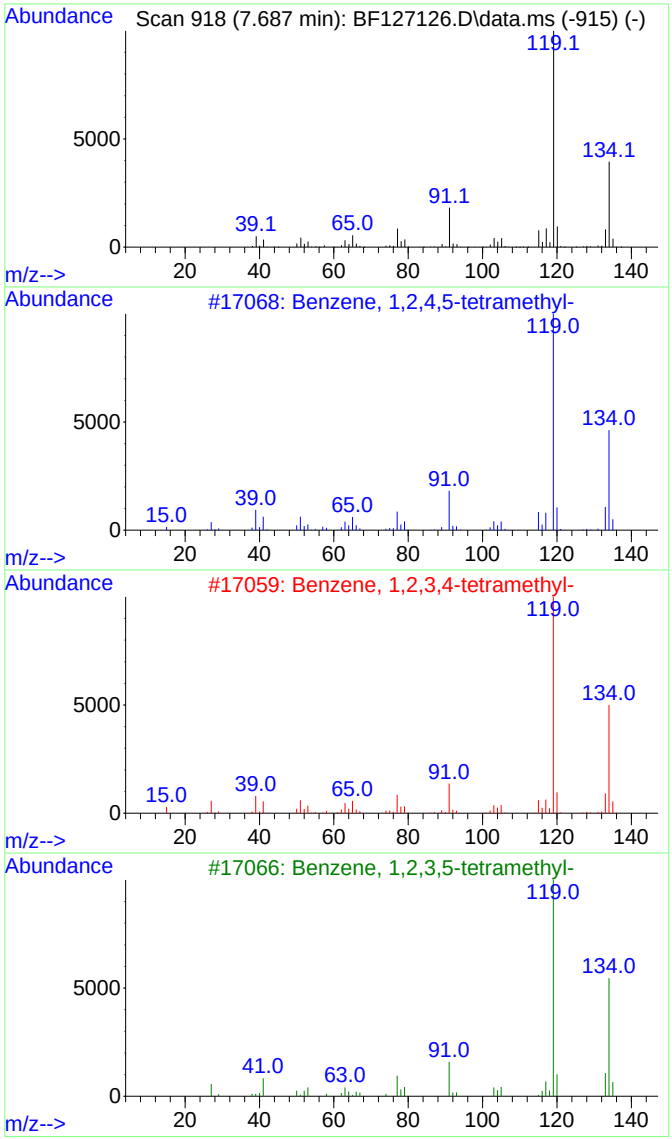
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

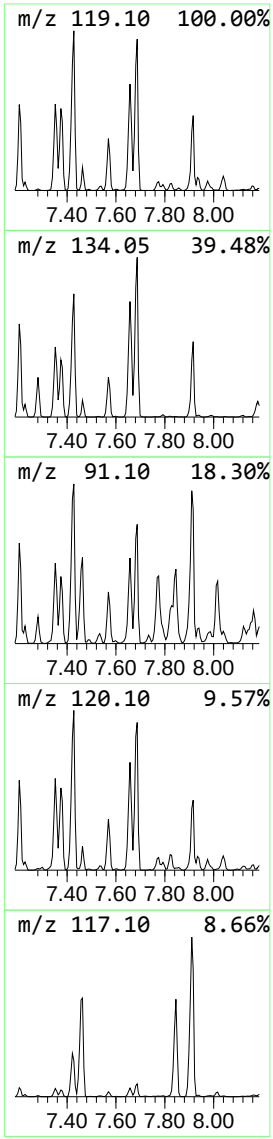
**********

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.687 | 34.71 ng | 2524340 | Naphthalene-d8 | 8.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

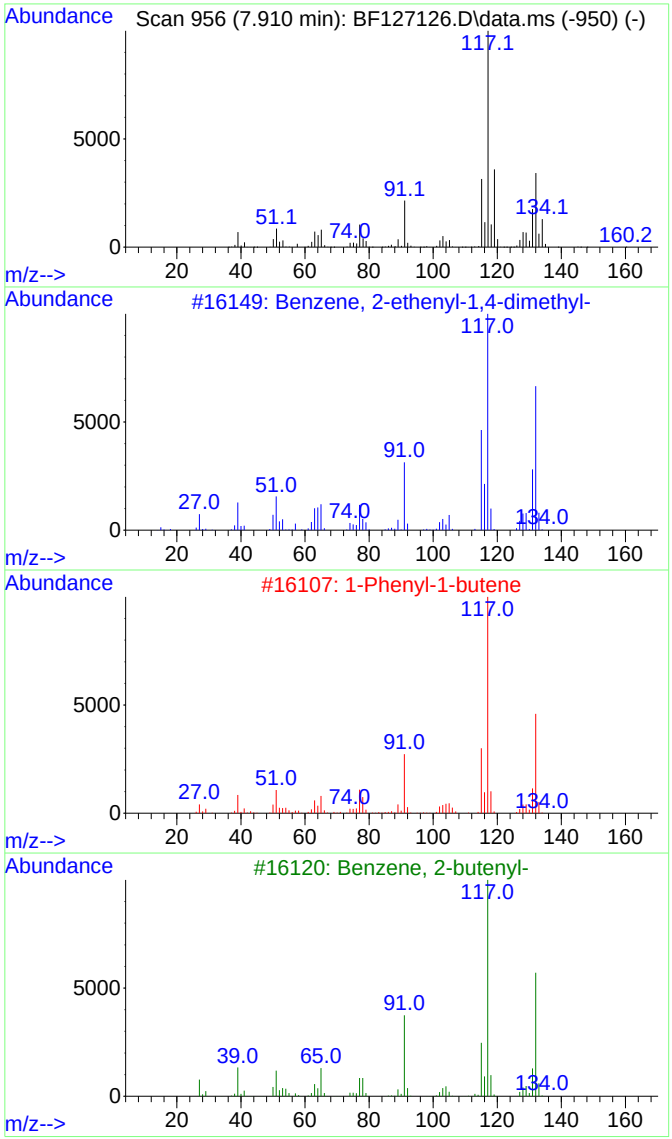
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

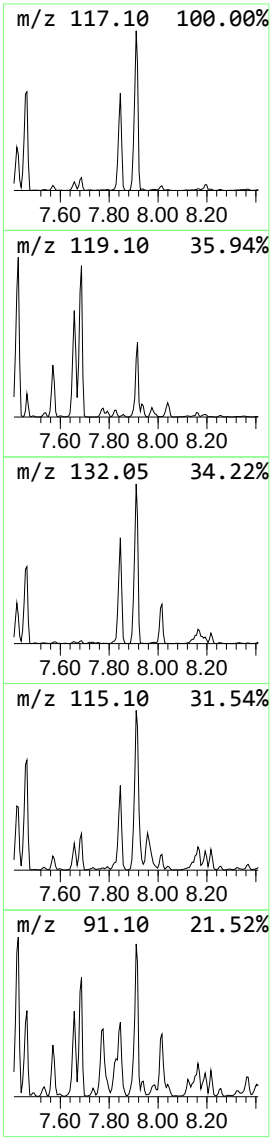
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.910 | 72.21 ng | 5252430 | Naphthalene-d8 | 8.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 87 |
| 3 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 87 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 83 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

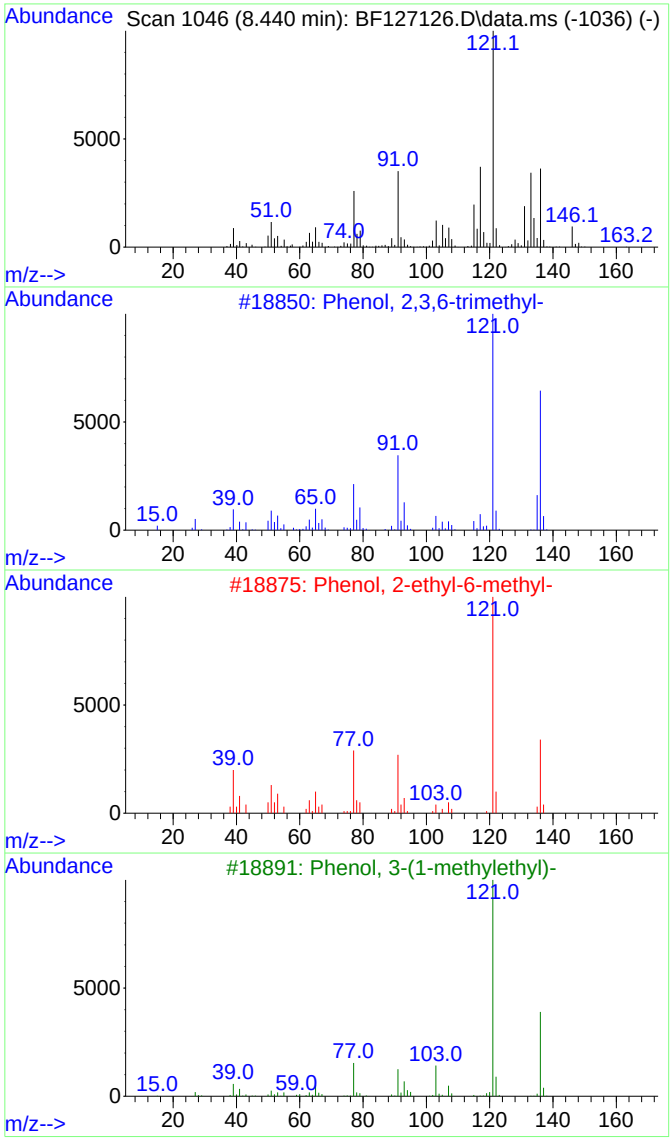
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

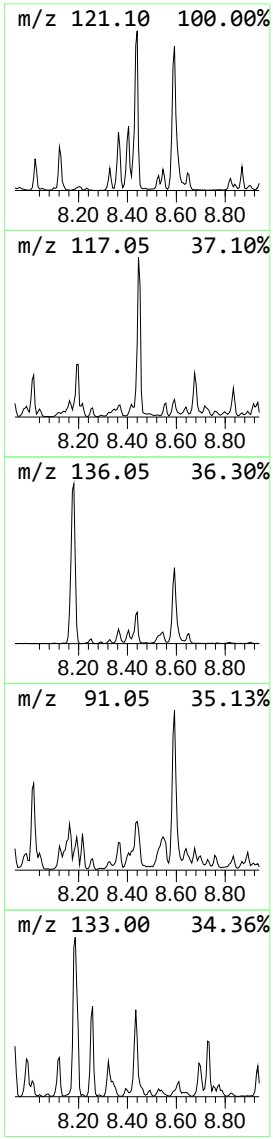
**********

Peak Number 19 Phenol, 2,3,6-trimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.440 | 21.71 ng | 1578830 | Naphthalene-d8 | 8.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 53 |
| 2 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 50 |
| 3 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 46 |
| 4 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 46 |
| 5 | 2,4,6-Octatriene, 2,6-dimethyl-,... | 136 | C10H16 | 003016-19-1 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

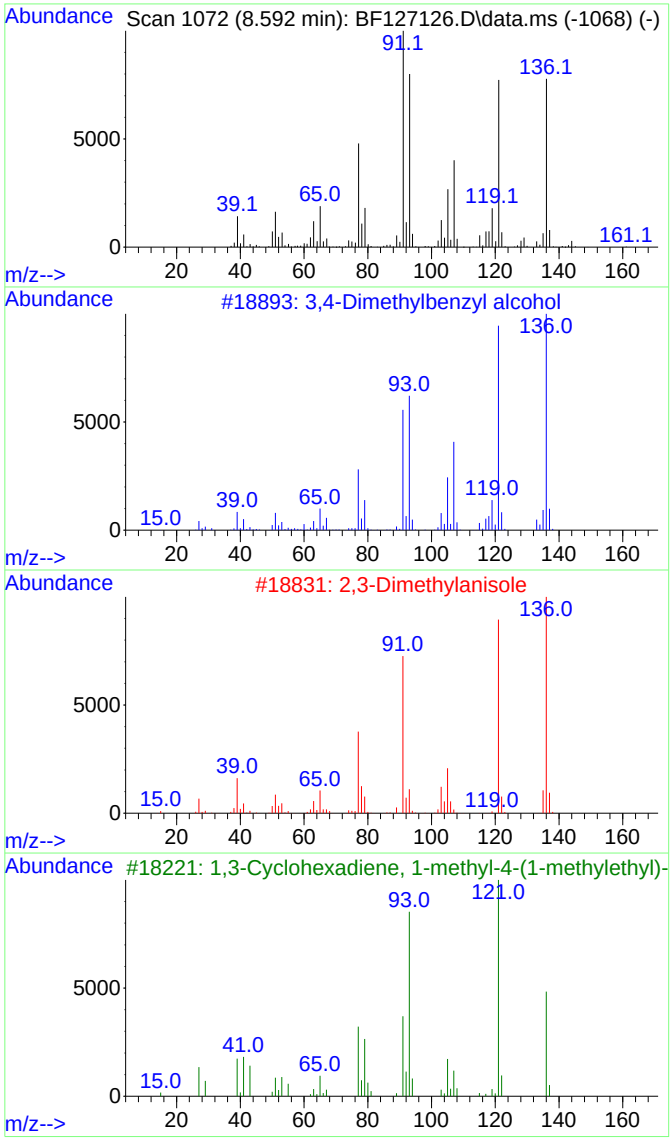
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

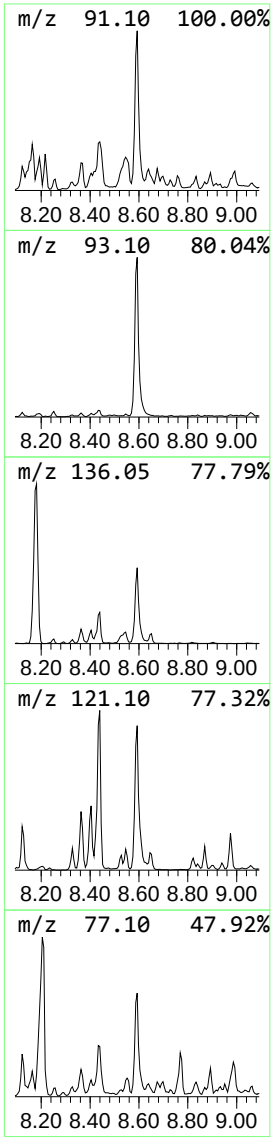
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 3,4-Dimethylbenzyl alcohol Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.592 | 21.58 ng | 1569620 | Naphthalene-d8 | 8.181 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylbenzyl alcohol | 136 | C9H12O | 006966-10-5 | 95 |
| 2 | 2,3-Dimethylanisole | 136 | C9H12O | 002944-49-2 | 86 |
| 3 | 1,3-Cyclohexadiene, 1-methyl-4-(... | 136 | C10H16 | 000099-86-5 | 76 |
| 4 | Benzenemethanol, 3,5-dimethyl- | 136 | C9H12O | 027129-87-9 | 74 |
| 5 | Cyclohexene, 5-methyl-3-(1-methy... | 136 | C10H16 | 056816-08-1 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127126.D
Acq On : 01 Mar 2022 20:00
Operator : CG\JU
Sample : N1688-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-23

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1-ethy... | 6.422 | 215.2 | ng | 6504030 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1-ethy... | 6.457 | 174.1 | ng | 5260710 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1,2,3-... | 6.587 | 223.8 | ng | 6761890 | 1 | 6.893 | 604429 | 20.0 |
| Mesitylene | 6.728 | 416.6 | ng | 12588800 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1-ethy... | 6.957 | 243.4 | ng | 7356440 | 1 | 6.893 | 604429 | 20.0 |
| Indane | 7.081 | 207.0 | ng | 6256850 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1,3-di... | 7.134 | 42.5 | ng | 1283750 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1-meth... | 7.163 | 40.3 | ng | 1218820 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1,4-di... | 7.204 | 70.0 | ng | 2115880 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1-meth... | 7.281 | 30.4 | ng | 917726 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 2-ethy... | 7.351 | 53.5 | ng | 1618210 | 1 | 6.893 | 604429 | 20.0 |
| p-Cymene | 7.375 | 43.3 | ng | 1308620 | 1 | 6.893 | 604429 | 20.0 |
| Benzene, 1,2,4,... | 7.657 | 26.0 | ng | 1890590 | 2 | 8.181 | 1454680 | 20.0 |
| Benzene, 1,2,3,... | 7.687 | 34.7 | ng | 2524340 | 2 | 8.181 | 1454680 | 20.0 |
| Benzene, 2-ethe... | 7.910 | 72.2 | ng | 5252430 | 2 | 8.181 | 1454680 | 20.0 |
| Phenol, 2,3,6-t... | 8.440 | 21.7 | ng | 1578830 | 2 | 8.181 | 1454680 | 20.0 |
| 3,4-Dimethylben... | 8.592 | 21.6 | ng | 1569620 | 2 | 8.181 | 1454680 | 20.0 |