LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.960 | 443 | 446 | 451 | rBV | 205507 | 184949 | 5.12% | 0.293% |
| 2 | 5.201 | 483 | 487 | 493 | rBV | 156926 | 165367 | 4.58% | 0.262% |
| 3 | 5.613 | 554 | 557 | 563 | rBV | 1679854 | 1521795 | 42.11% | 2.410% |
| 4 | 6.136 | 642 | 646 | 649 | rVB2 | 193887 | 186370 | 5.16% | 0.295% |
| 5 | 6.425 | 693 | 695 | 700 | rVV | 160894 | 125910 | 3.48% | 0.199% |
| 6 | 6.607 | 723 | 726 | 730 | rBV | 1169821 | 1015385 | 28.10% | 1.608% |
| 7 | 6.748 | 745 | 750 | 753 | rBV | 2421292 | 2388156 | 66.08% | 3.782% |
| 8 | 6.919 | 770 | 779 | 782 | rBV2 | 127777 | 178931 | 4.95% | 0.283% |
| 9 | 6.966 | 783 | 787 | 791 | rVB | 889851 | 709228 | 19.62% | 1.123% |
| 10 | 7.125 | 807 | 814 | 816 | rBV | 2309464 | 2337016 | 64.67% | 3.701% |
| 11 | 7.148 | 816 | 818 | 821 | rVV | 1470105 | 1112733 | 30.79% | 1.762% |
| 12 | 7.207 | 825 | 828 | 831 | rVV | 472653 | 383575 | 10.61% | 0.607% |
| 13 | 7.278 | 835 | 840 | 842 | rBV | 235199 | 208889 | 5.78% | 0.331% |
| 14 | 7.301 | 842 | 844 | 847 | rVV | 230855 | 176974 | 4.90% | 0.280% |
| 15 | 7.360 | 850 | 854 | 863 | rVV4 | 231362 | 291615 | 8.07% | 0.462% |
| 16 | 7.495 | 869 | 877 | 880 | rBV | 1750663 | 1778172 | 49.20% | 2.816% |
| 17 | 7.536 | 880 | 884 | 887 | rVV2 | 2650716 | 2781907 | 76.98% | 4.405% |
| 18 | 7.601 | 890 | 895 | 899 | rVV4 | 308082 | 379298 | 10.50% | 0.601% |
| 19 | 7.648 | 900 | 903 | 906 | rVV | 419464 | 359251 | 9.94% | 0.569% |
| 20 | 7.707 | 908 | 913 | 914 | rVV2 | 145344 | 155430 | 4.30% | 0.246% |
| 21 | 7.731 | 914 | 917 | 920 | rVV | 1230330 | 989922 | 27.39% | 1.568% |
| 22 | 7.772 | 921 | 924 | 928 | rVB4 | 170273 | 185981 | 5.15% | 0.295% |
| 23 | 7.842 | 933 | 936 | 940 | rBV2 | 239806 | 312117 | 8.64% | 0.494% |
| 24 | 7.889 | 941 | 944 | 947 | rVV3 | 549876 | 566971 | 15.69% | 0.898% |
| 25 | 7.931 | 947 | 951 | 954 | rVB2 | 1192528 | 1166827 | 32.29% | 1.848% |
| 26 | 7.983 | 956 | 960 | 964 | rBV2 | 2662772 | 2860222 | 79.14% | 4.529% |
| 27 | 8.060 | 968 | 973 | 975 | rBV2 | 272825 | 302492 | 8.37% | 0.479% |
| 28 | 8.107 | 979 | 981 | 984 | rBV | 305870 | 258164 | 7.14% | 0.409% |
| 29 | 8.154 | 984 | 989 | 991 | rBV | 396618 | 563250 | 15.59% | 0.892% |
| 30 | 8.189 | 991 | 995 | 997 | rVV3 | 190419 | 289648 | 8.01% | 0.459% |
| 31 | 8.236 | 999 | 1003 | 1004 | rVV | 635373 | 818796 | 22.66% | 1.297% |
| 32 | 8.248 | 1004 | 1005 | 1010 | rVV3 | 1138483 | 1219077 | 33.73% | 1.930% |
| 33 | 8.289 | 1010 | 1012 | 1015 | rVB2 | 701551 | 590628 | 16.34% | 0.935% |
| 34 | 8.330 | 1015 | 1019 | 1022 | rVB2 | 285737 | 301774 | 8.35% | 0.478% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.372 | 1023 | 1026 | 1028 | rBV | 214910 | 187291 | 5.18% | 0.297% |
| 36 | 8.395 | 1028 | 1030 | 1032 | rVB | 251749 | 169535 | 4.69% | 0.268% |
| 37 | 8.442 | 1035 | 1038 | 1043 | rVB | 889050 | 750443 | 20.77% | 1.188% |
| 38 | 8.489 | 1043 | 1046 | 1050 | rBV2 | 712462 | 780000 | 21.58% | 1.235% |
| 39 | 8.525 | 1050 | 1052 | 1057 | rVB3 | 317992 | 401734 | 11.12% | 0.636% |
| 40 | 8.572 | 1057 | 1060 | 1061 | rBV3 | 99443 | 99328 | 2.75% | 0.157% |
| 41 | 8.630 | 1066 | 1070 | 1072 | rBV2 | 395581 | 376444 | 10.42% | 0.596% |
| 42 | 8.654 | 1072 | 1074 | 1077 | rVB2 | 305123 | 212537 | 5.88% | 0.337% |
| 43 | 8.713 | 1081 | 1084 | 1087 | rBV | 383582 | 323776 | 8.96% | 0.513% |
| 44 | 8.748 | 1087 | 1090 | 1095 | rVB | 1386639 | 1263065 | 34.95% | 2.000% |
| 45 | 8.807 | 1097 | 1100 | 1102 | rBV | 106977 | 92820 | 2.57% | 0.147% |
| 46 | 8.836 | 1102 | 1105 | 1109 | rVB4 | 120001 | 120057 | 3.32% | 0.190% |
| 47 | 8.889 | 1109 | 1114 | 1115 | rBV2 | 193521 | 242209 | 6.70% | 0.384% |
| 48 | 8.907 | 1115 | 1117 | 1120 | rVB | 1218146 | 978460 | 27.07% | 1.549% |
| 49 | 8.936 | 1120 | 1122 | 1124 | rVB2 | 203573 | 145412 | 4.02% | 0.230% |
| 50 | 8.966 | 1124 | 1127 | 1129 | rBV3 | 104004 | 100622 | 2.78% | 0.159% |
| 51 | 8.995 | 1129 | 1132 | 1133 | rBV2 | 104912 | 106130 | 2.94% | 0.168% |
| 52 | 9.066 | 1141 | 1144 | 1146 | rBV2 | 416981 | 411214 | 11.38% | 0.651% |
| 53 | 9.089 | 1146 | 1148 | 1149 | rVV | 176969 | 144047 | 3.99% | 0.228% |
| 54 | 9.172 | 1153 | 1162 | 1167 | rVV7 | 597707 | 1440084 | 39.85% | 2.280% |
| 55 | 9.207 | 1167 | 1168 | 1171 | rVB2 | 127621 | 91236 | 2.52% | 0.144% |
| 56 | 9.254 | 1173 | 1176 | 1179 | rBV3 | 353126 | 378350 | 10.47% | 0.599% |
| 57 | 9.325 | 1183 | 1188 | 1191 | rVB | 3070330 | 2886123 | 79.86% | 4.570% |
| 58 | 9.360 | 1191 | 1194 | 1199 | rBV6 | 122236 | 181639 | 5.03% | 0.288% |
| 59 | 9.448 | 1206 | 1209 | 1211 | rBV | 166833 | 128764 | 3.56% | 0.204% |
| 60 | 9.472 | 1211 | 1213 | 1215 | rVB | 192081 | 129539 | 3.58% | 0.205% |
| 61 | 9.501 | 1215 | 1218 | 1220 | rBV | 362033 | 344505 | 9.53% | 0.546% |
| 62 | 9.589 | 1227 | 1233 | 1236 | rBV2 | 484629 | 810277 | 22.42% | 1.283% |
| 63 | 9.619 | 1236 | 1238 | 1240 | rVV | 182450 | 179270 | 4.96% | 0.284% |
| 64 | 9.660 | 1240 | 1245 | 1251 | rVV5 | 735692 | 1589776 | 43.99% | 2.518% |
| 65 | 9.707 | 1251 | 1253 | 1257 | rVV2 | 449079 | 464156 | 12.84% | 0.735% |
| 66 | 9.748 | 1257 | 1260 | 1262 | rVV | 187377 | 215955 | 5.98% | 0.342% |
| 67 | 9.783 | 1262 | 1266 | 1270 | rVV3 | 228157 | 458934 | 12.70% | 0.727% |
| 68 | 9.819 | 1270 | 1272 | 1275 | rVV3 | 106544 | 91583 | 2.53% | 0.145% |
| 69 | 9.866 | 1277 | 1280 | 1282 | rVB2 | 114710 | 103289 | 2.86% | 0.164% |
| 70 | 9.942 | 1282 | 1293 | 1295 | rBV | 878497 | 1551524 | 42.93% | 2.457% |
| 71 | 9.983 | 1298 | 1300 | 1301 | rBV | 156367 | 122430 | 3.39% | 0.194% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.007 | 1301 | 1304 | 1307 | rVV2 | 1155057 | 1078333 | 29.84% | 1.708% |
| 73 | 10.036 | 1307 | 1309 | 1313 | rVB3 | 193582 | 175367 | 4.85% | 0.278% |
| 74 | 10.089 | 1315 | 1318 | 1320 | rBV | 161425 | 156275 | 4.32% | 0.247% |
| 75 | 10.119 | 1320 | 1323 | 1324 | rVV3 | 117173 | 118861 | 3.29% | 0.188% |
| 76 | 10.172 | 1324 | 1332 | 1336 | rVV2 | 924249 | 1657560 | 45.87% | 2.625% |
| 77 | 10.207 | 1336 | 1338 | 1340 | rVV2 | 179451 | 148164 | 4.10% | 0.235% |
| 78 | 10.301 | 1348 | 1354 | 1355 | rBV2 | 121564 | 164191 | 4.54% | 0.260% |
| 79 | 10.342 | 1355 | 1361 | 1364 | rVV2 | 817931 | 1144839 | 31.68% | 1.813% |
| 80 | 10.389 | 1366 | 1369 | 1372 | rVV2 | 658682 | 766607 | 21.21% | 1.214% |
| 81 | 10.413 | 1372 | 1373 | 1378 | rVB4 | 268269 | 177494 | 4.91% | 0.281% |
| 82 | 10.542 | 1387 | 1395 | 1398 | rBV3 | 1579782 | 3613970 | 100.00% | 5.723% |
| 83 | 10.601 | 1403 | 1405 | 1408 | rVV2 | 364187 | 351694 | 9.73% | 0.557% |
| 84 | 10.630 | 1408 | 1410 | 1415 | rVB4 | 162813 | 172724 | 4.78% | 0.274% |
| 85 | 10.724 | 1422 | 1426 | 1428 | rBV | 403899 | 466289 | 12.90% | 0.738% |
| 86 | 10.777 | 1430 | 1435 | 1436 | rVV3 | 248191 | 294852 | 8.16% | 0.467% |
| 87 | 10.801 | 1436 | 1439 | 1442 | rVB | 1472252 | 1369479 | 37.89% | 2.169% |
| 88 | 10.830 | 1442 | 1444 | 1447 | rBV3 | 219515 | 253861 | 7.02% | 0.402% |
| 89 | 10.866 | 1447 | 1450 | 1455 | rBV4 | 409042 | 452932 | 12.53% | 0.717% |
| 90 | 11.019 | 1472 | 1476 | 1479 | rVV2 | 220168 | 307778 | 8.52% | 0.487% |
| 91 | 11.066 | 1481 | 1484 | 1486 | rVB | 198482 | 163225 | 4.52% | 0.258% |
| 92 | 11.130 | 1492 | 1495 | 1497 | rBV3 | 71211 | 89160 | 2.47% | 0.141% |
| 93 | 11.195 | 1503 | 1506 | 1509 | rBV2 | 88900 | 126646 | 3.50% | 0.201% |
| 94 | 11.224 | 1509 | 1511 | 1518 | rVB3 | 124633 | 154204 | 4.27% | 0.244% |
| 95 | 11.501 | 1554 | 1558 | 1561 | rBV | 746507 | 638087 | 17.66% | 1.010% |
| 96 | 12.013 | 1642 | 1645 | 1654 | rVB | 163510 | 155981 | 4.32% | 0.247% |
| 97 | 13.089 | 1823 | 1828 | 1831 | rBV | 2376312 | 2437420 | 67.44% | 3.860% |
| 98 | 13.965 | 1974 | 1977 | 1981 | rVB | 113369 | 109229 | 3.02% | 0.173% |
| 99 | 14.148 | 2004 | 2008 | 2012 | rVB | 868087 | 766736 | 21.22% | 1.214% |
| 100 | 15.683 | 2263 | 2269 | 2275 | rBV | 518382 | 697422 | 19.30% | 1.104% |

Sum of corrected areas: 63148758

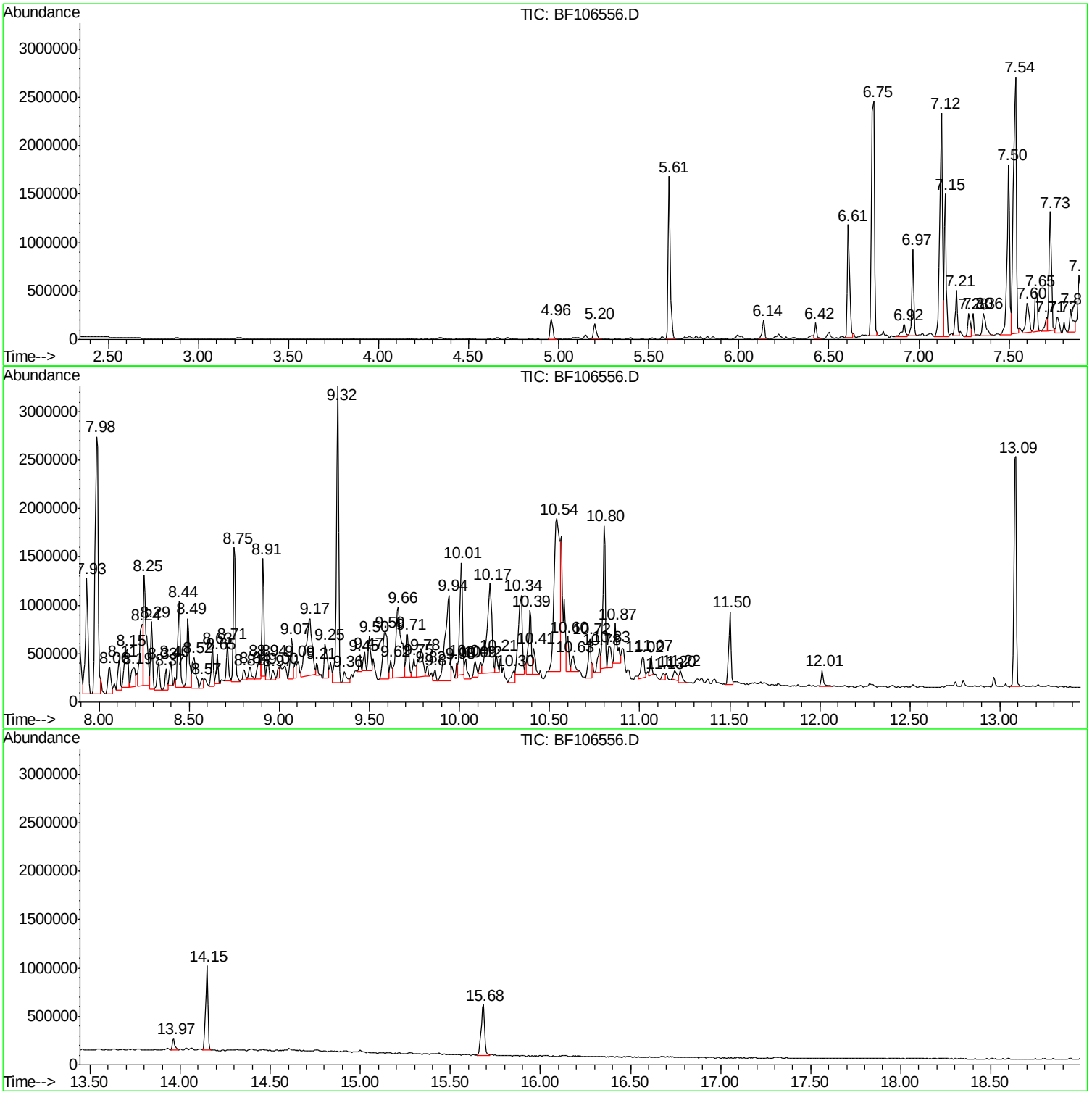
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

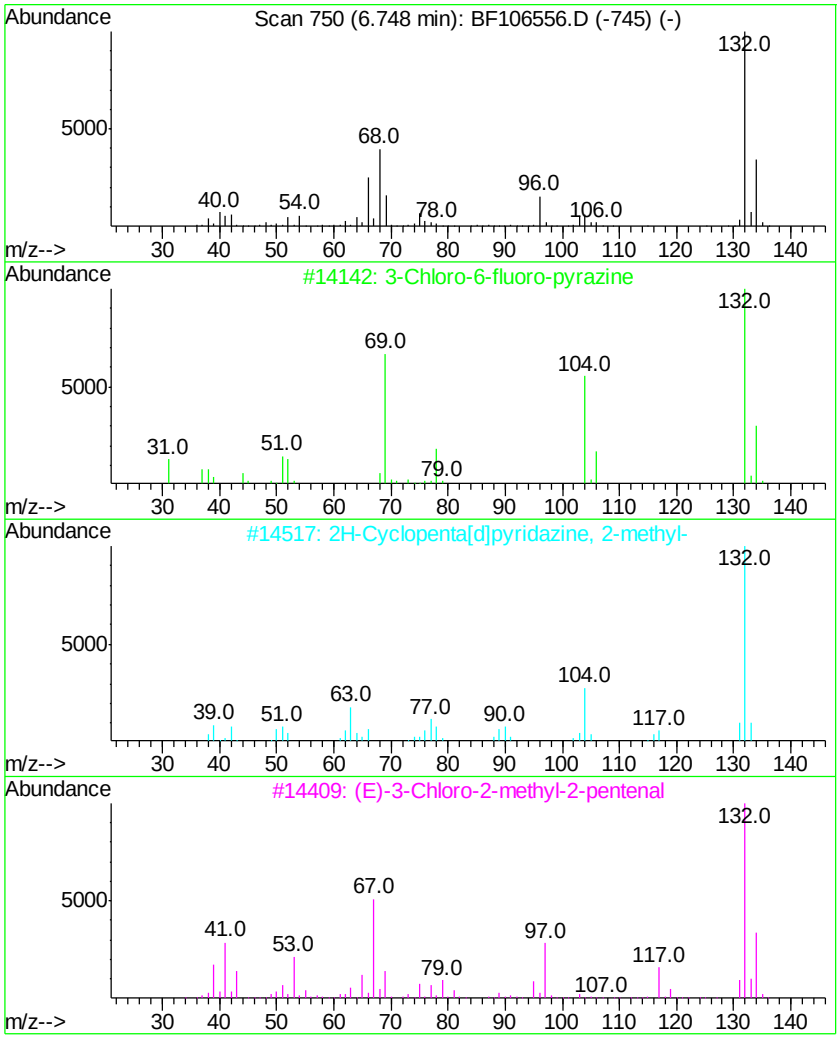
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

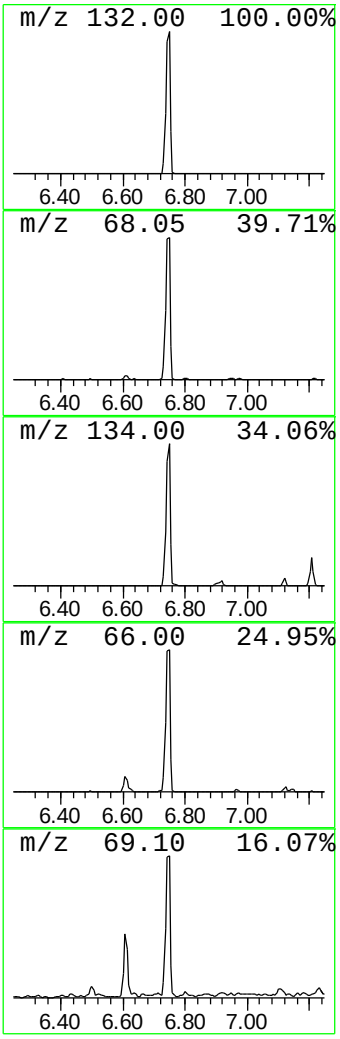
**********

Peak Number 1 unknown6.75 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.75 | 67.35 ng | 2388160 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 9 |
| 3 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4 | 019485-35-9 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

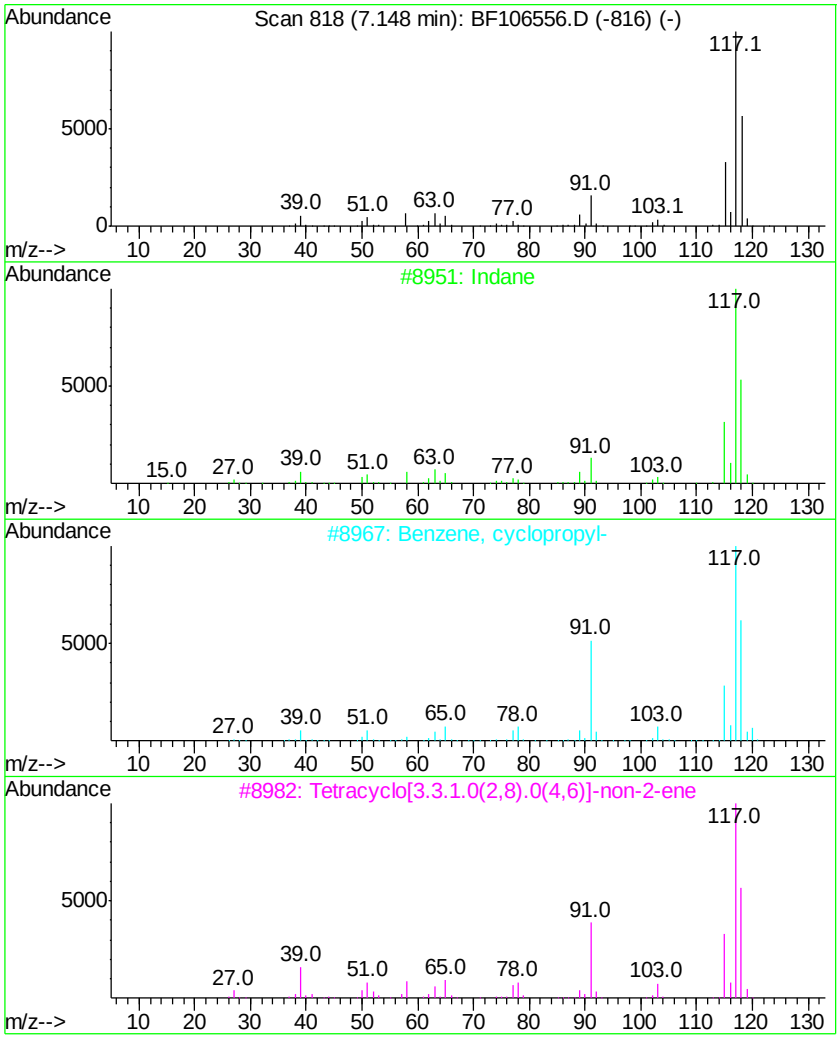
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

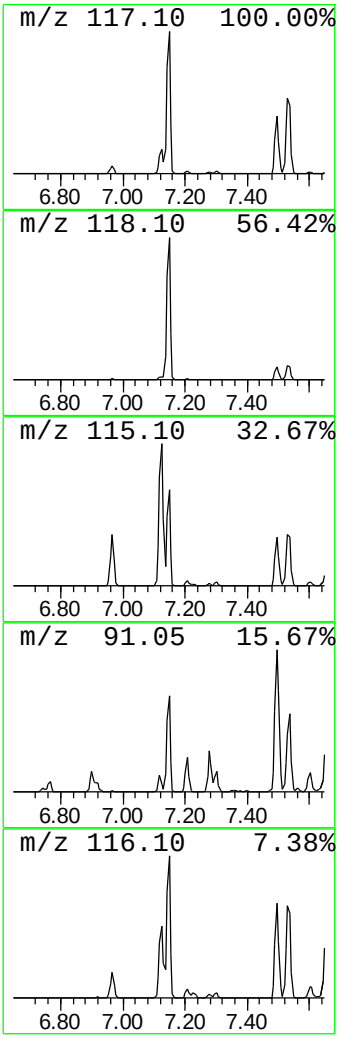
**********

Peak Number 3 Indane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.15 | 31.38 ng | 1112730 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 83 |
| 3 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 80 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 72 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 64 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

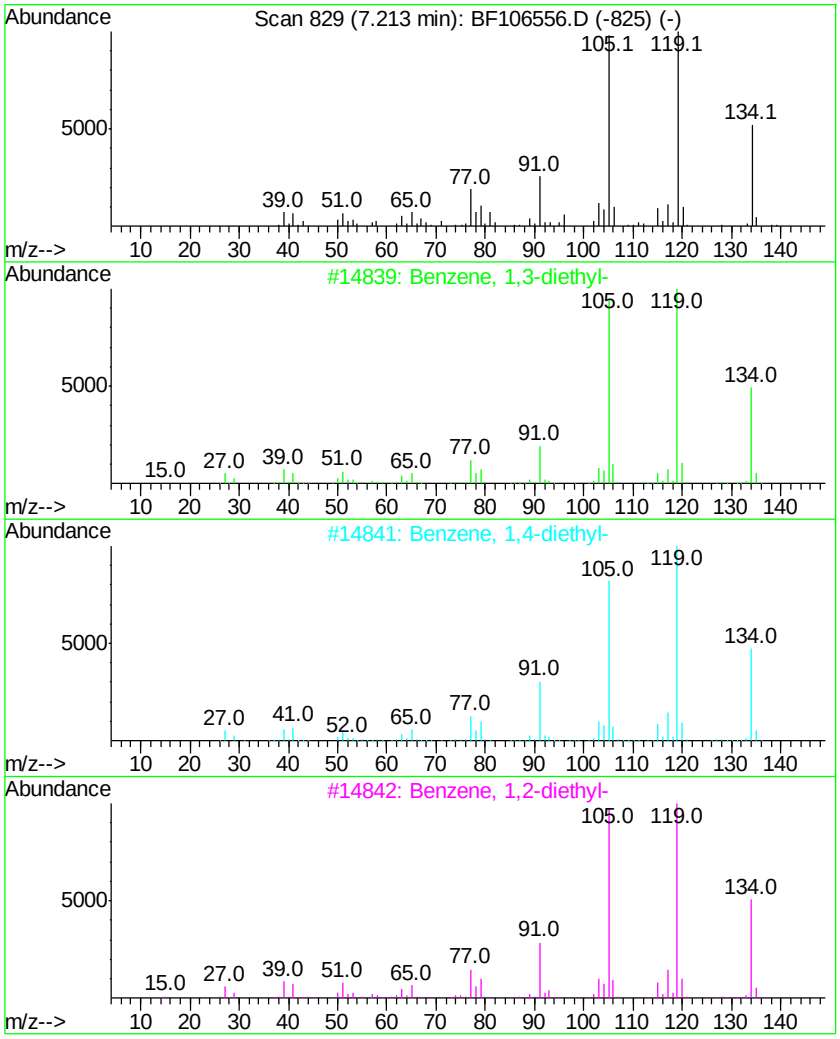
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

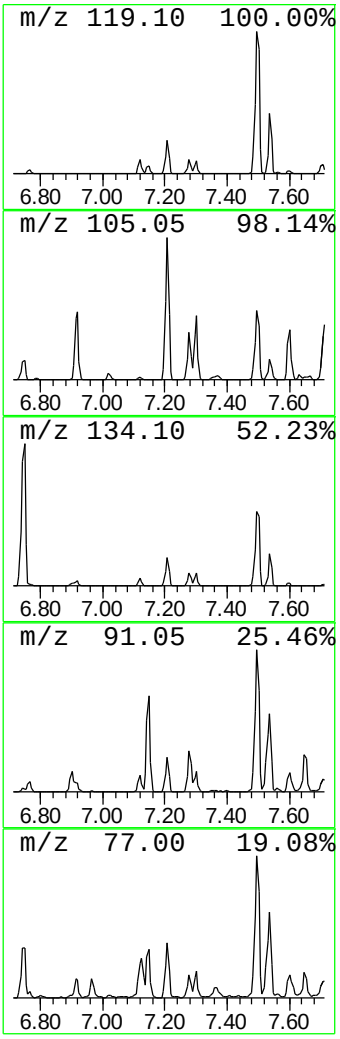
**********

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.21 | 10.82 ng | 383575 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 94 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 94 |
| 3 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 93 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 90 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 81 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

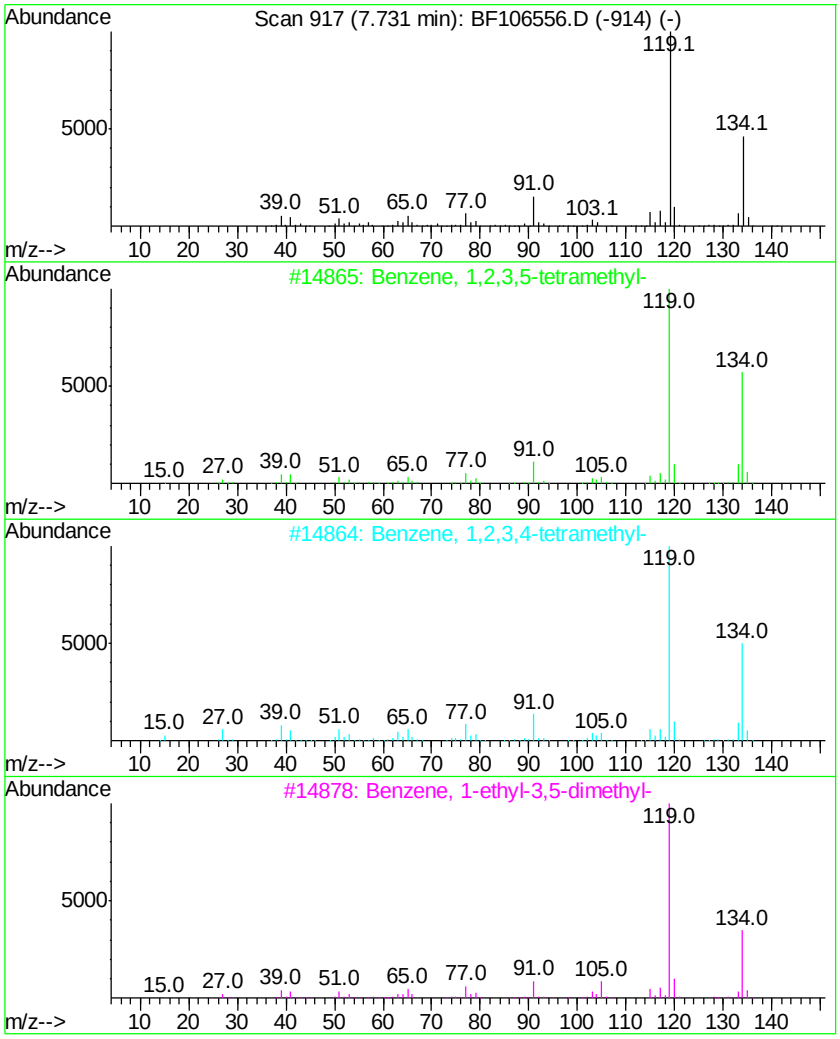
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

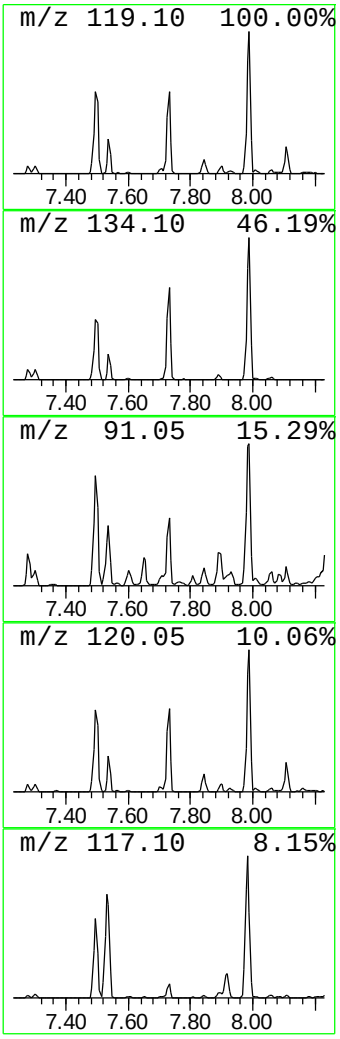
**********

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.73 | 16.24 ng | 989922 | Naphthalene-d8 | 8.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 3 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 94 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

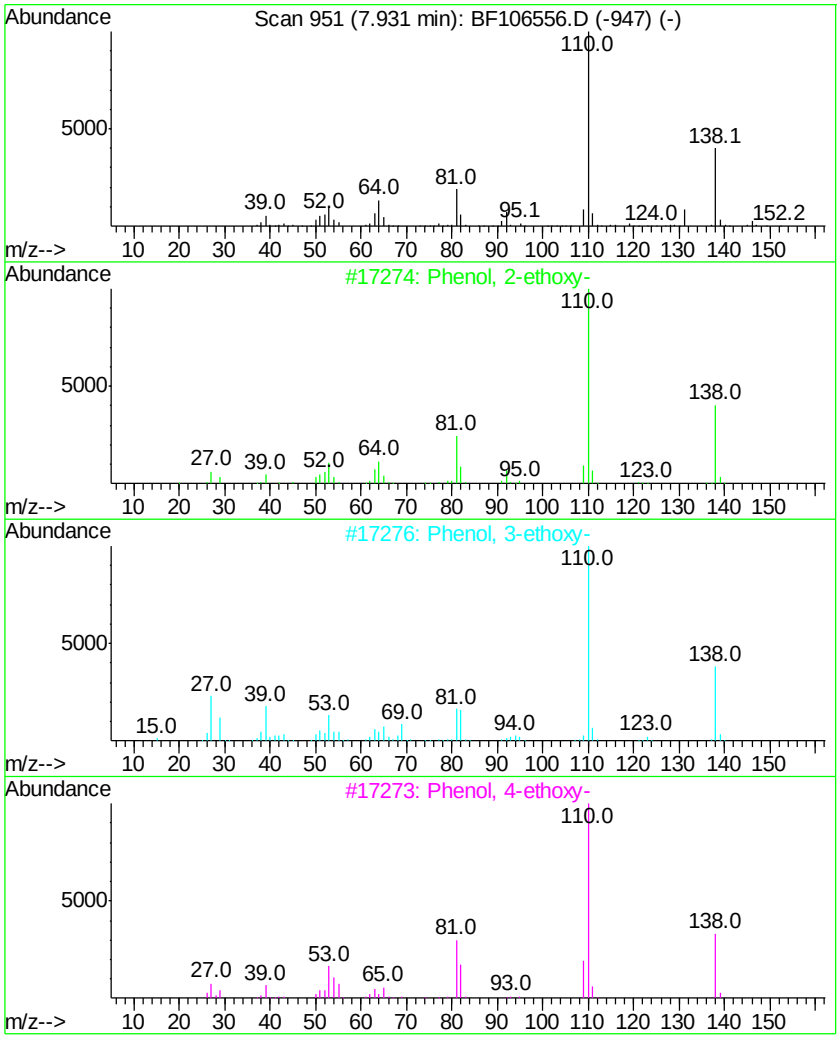
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

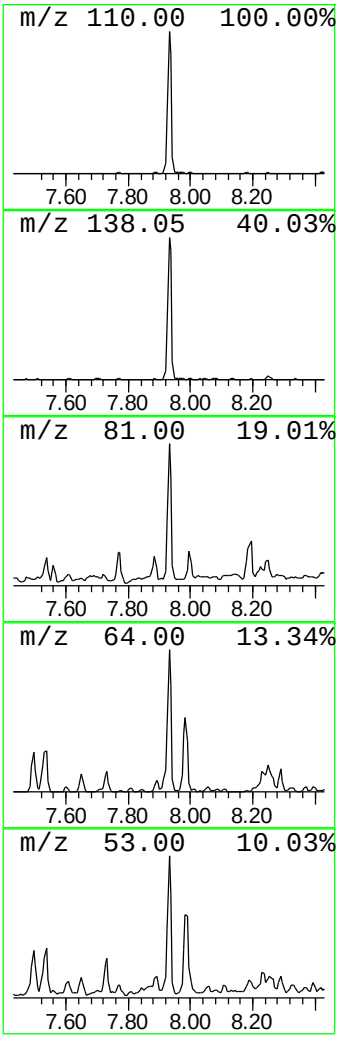
**********

Peak Number 6 Phenol, 2-ethoxy- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.93 | 19.14 ng | 1166830 | Naphthalene-d8 | 8.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethoxy- | 138 | C8H10O2 | 000094-71-3 | 97 |
| 2 | Phenol, 3-ethoxy- | 138 | C8H10O2 | 000621-34-1 | 64 |
| 3 | Phenol, 4-ethoxy- | 138 | C8H10O2 | 000622-62-8 | 59 |
| 4 | Resorcinol | 110 | C6H6O2 | 000108-46-3 | 50 |
| 5 | Catechol | 110 | C6H6O2 | 000120-80-9 | 49 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

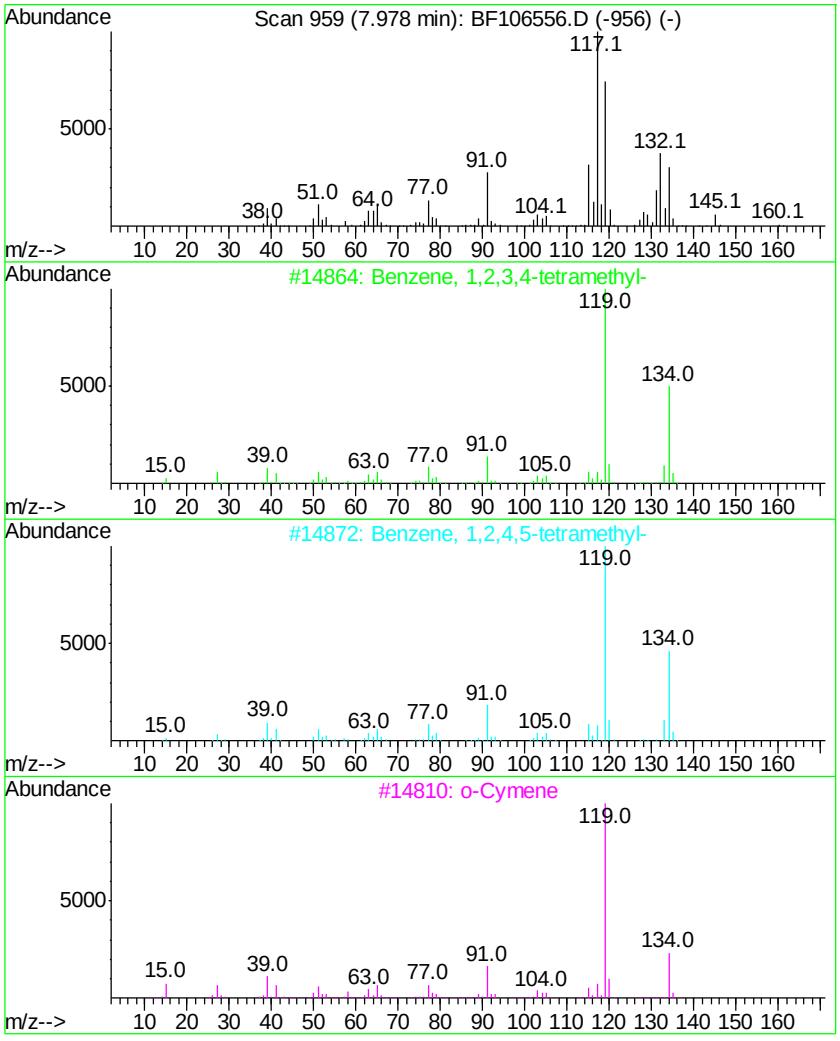
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

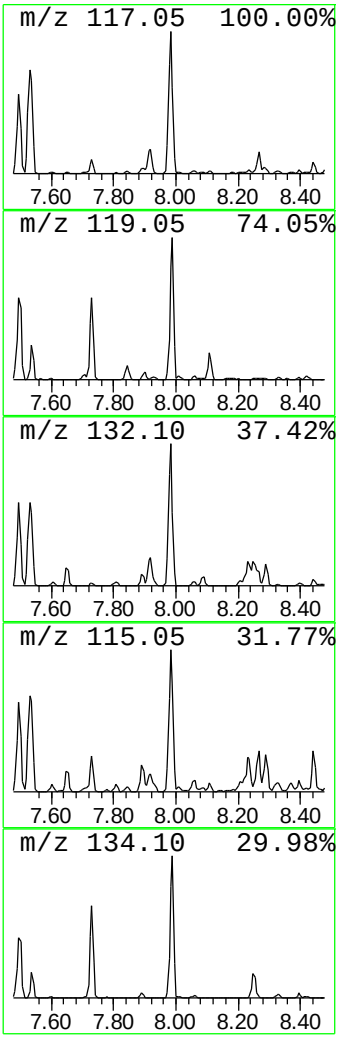
**********

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.98 | 46.92 ng | 2860220 | Naphthalene-d8 | 8.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 64 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 64 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 60 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

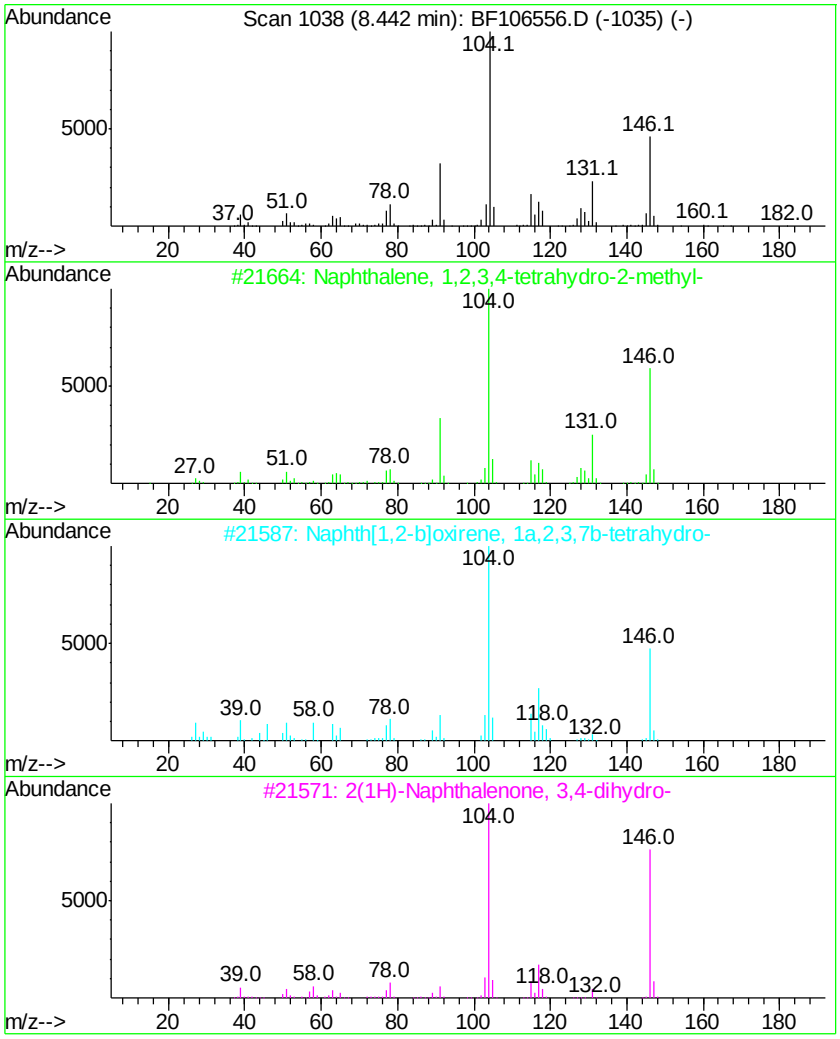
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

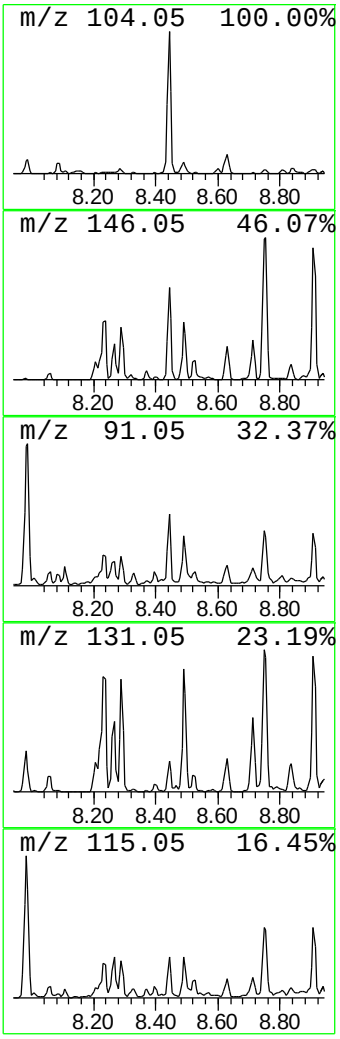
**********

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.44 | 12.31 ng | 750443 | Naphthalene-d8 | 8.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 96 |
| 2 | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 | C10H10O | 002461-34-9 | 62 |
| 3 | 2(1H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000530-93-8 | 62 |
| 4 | Benzene, 3-cyclohexen-1-yl- | 158 | C12H14 | 004994-16-5 | 43 |
| 5 | 2-Propenoic acid, 3-phenyl-, 2-p... | 252 | C17H16O2 | 000103-53-7 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

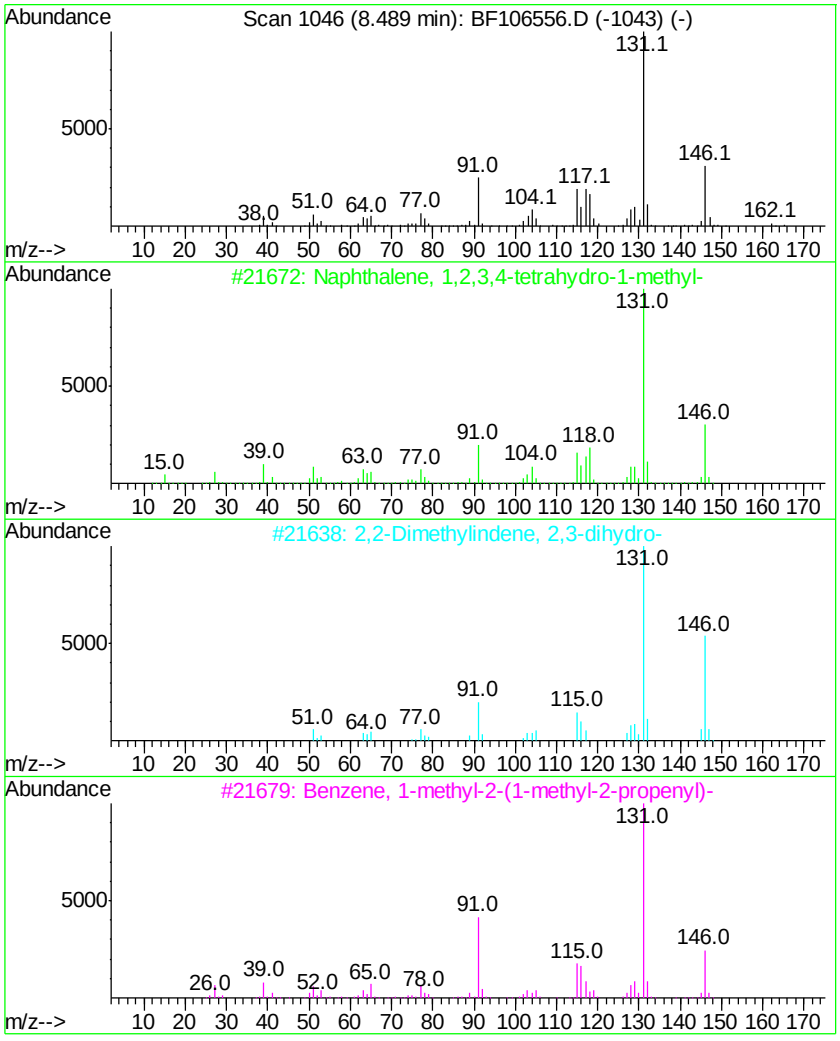
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

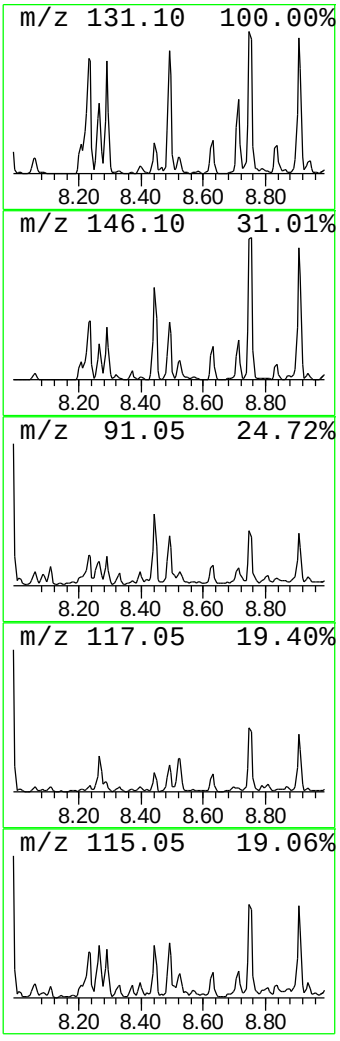
**********

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.49 | 12.80 ng | 780000 | Naphthalene-d8 | 8.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 94 |
| 2 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 3 | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14 | 097664-19-2 | 81 |
| 4 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 81 |
| 5 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 81 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

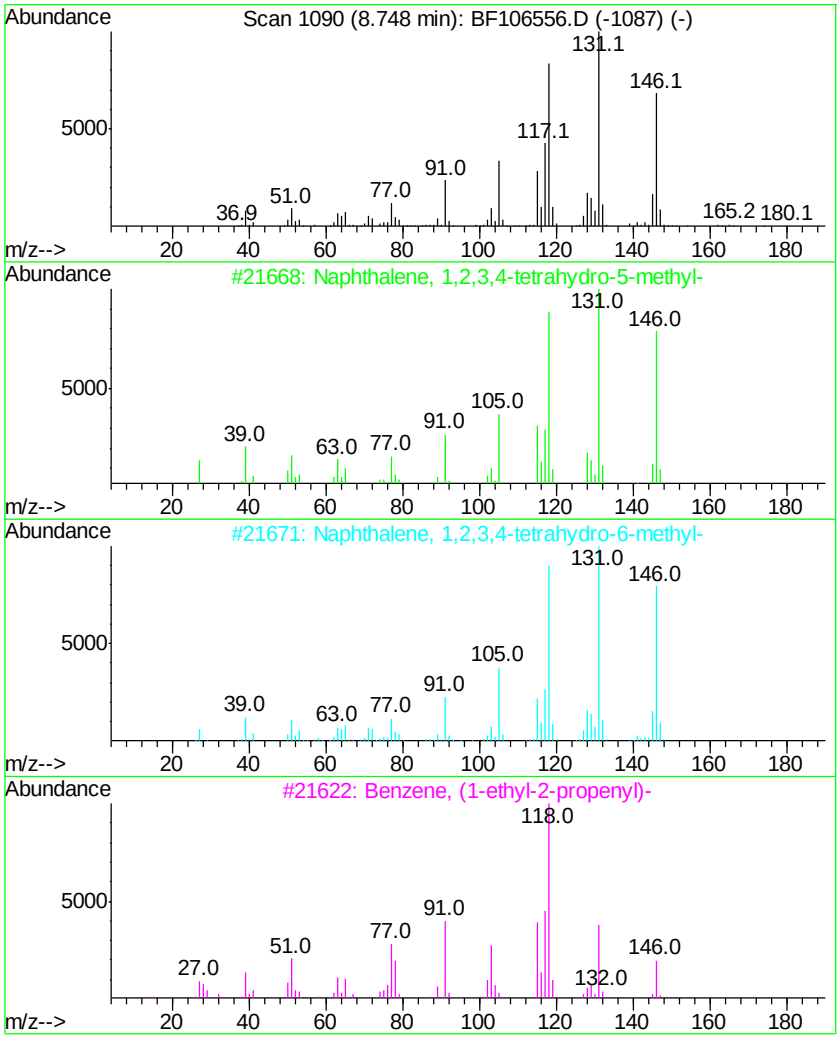
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

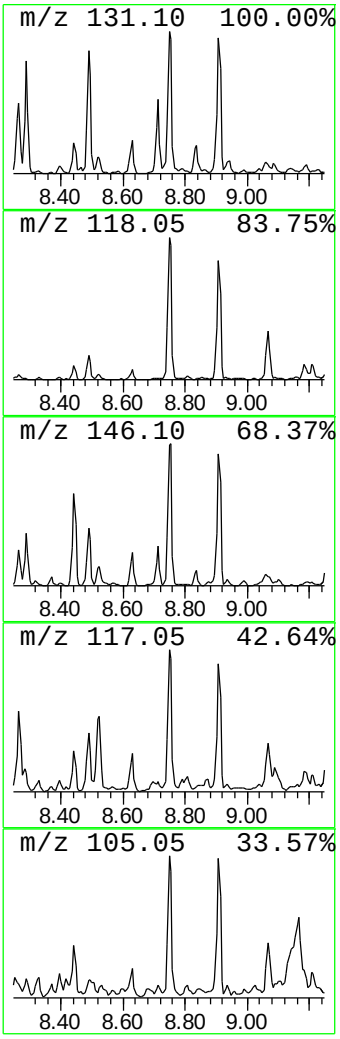
**********

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.75 | 20.72 ng | 1263070 | Naphthalene-d8 | 8.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 98 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 98 |
| 3 | Benzene, (1-ethyl-2-propenyl)- | 146 | C11H14 | 019947-22-9 | 91 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 70 |
| 5 | Benzene, (1-methylenebutyl)- | 146 | C11H14 | 005676-32-4 | 64 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

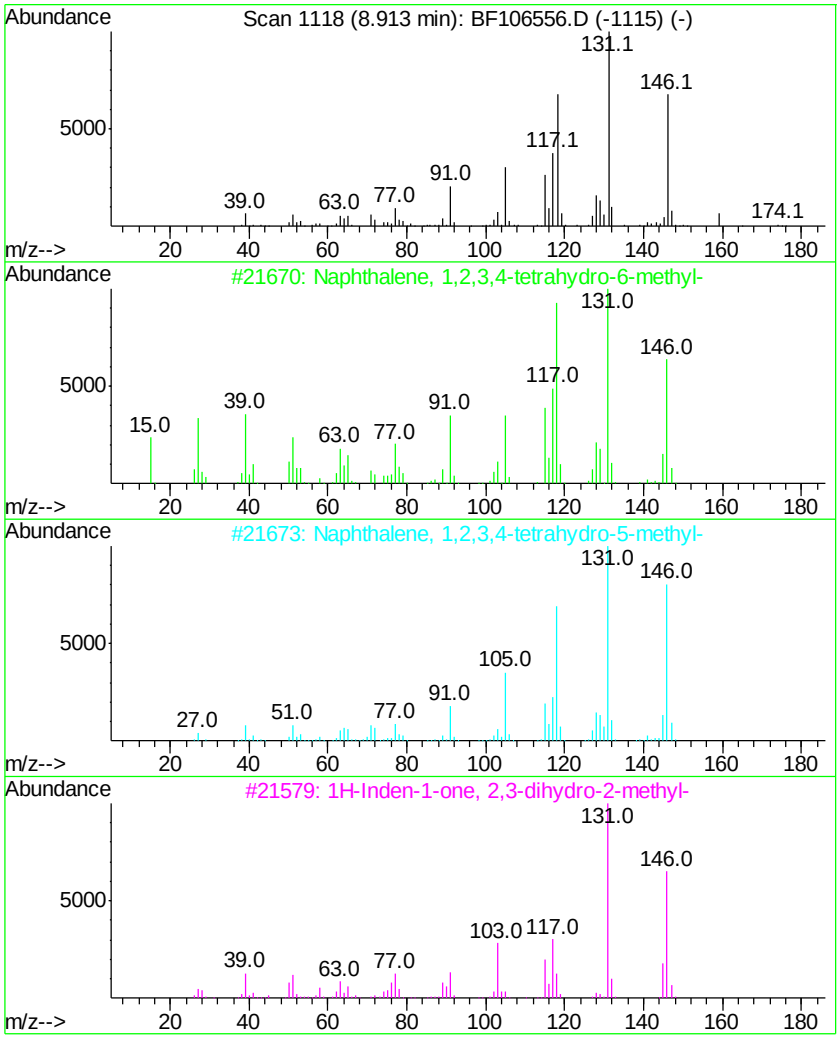
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

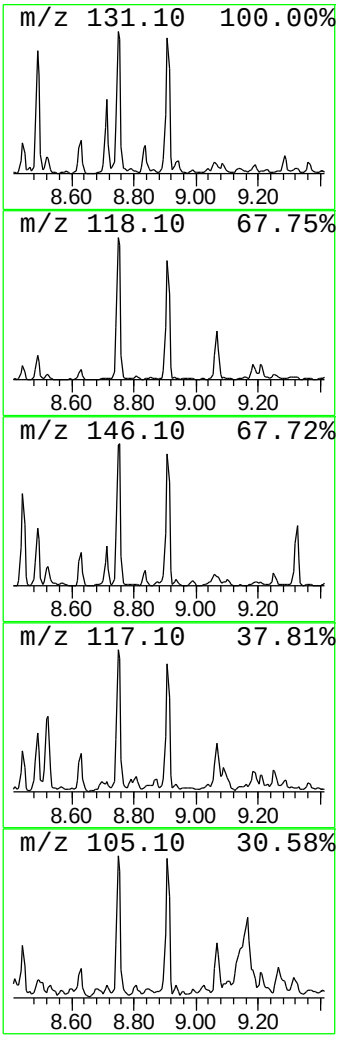
**********

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.91 | 16.05 ng | 978460 | Naphthalene-d8 | 8.25 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 91 |
| 3 | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 68 |
| 4 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 60 |
| 5 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 60 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

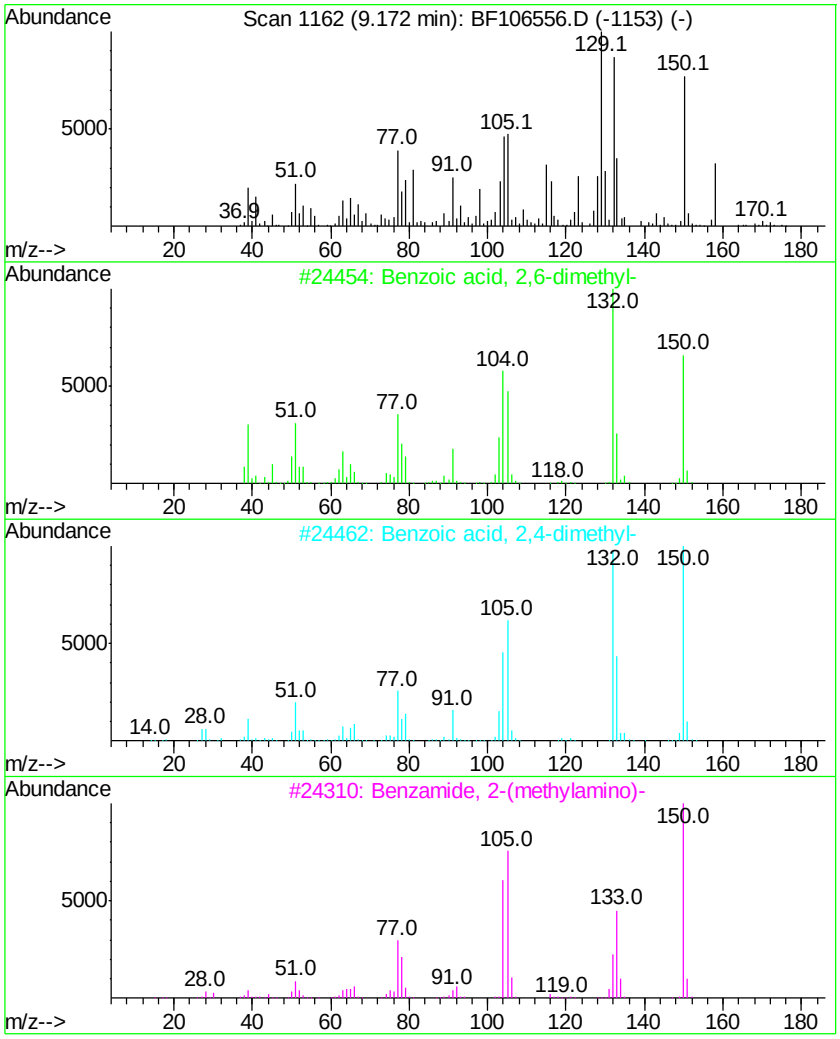
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

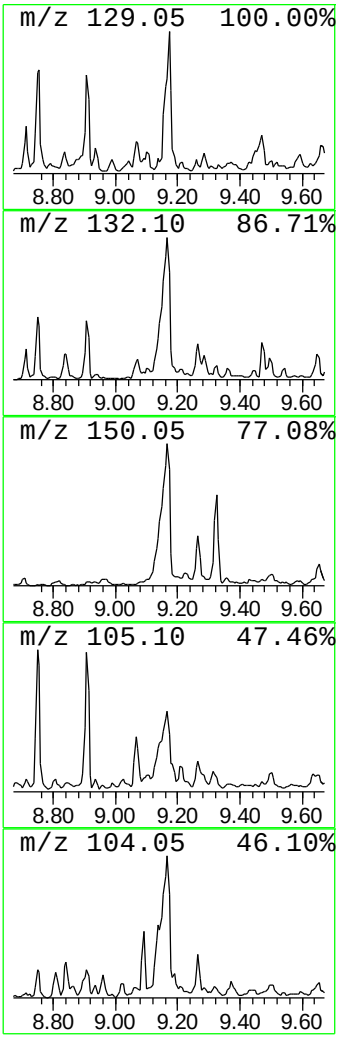
**********

Peak Number 12 Benzoic acid, 2,6-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.17 | 26.71 ng | 1440080 | Acenaphthene-d10 | 10.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 2,6-dimethyl- | 150 | C9H10O2 | 000632-46-2 | 55 |
| 2 | Benzoic acid, 2,4-dimethyl- | 150 | C9H10O2 | 000611-01-8 | 50 |
| 3 | Benzamide, 2-(methylamino)- | 150 | C8H10N2O | 007505-81-9 | 38 |
| 4 | Benzoic acid, 2,5-dimethyl- | 150 | C9H10O2 | 000610-72-0 | 27 |
| 5 | 5H-Benzocycloheptene, 6,7-dihydro- | 144 | C11H12 | 007125-62-4 | 14 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

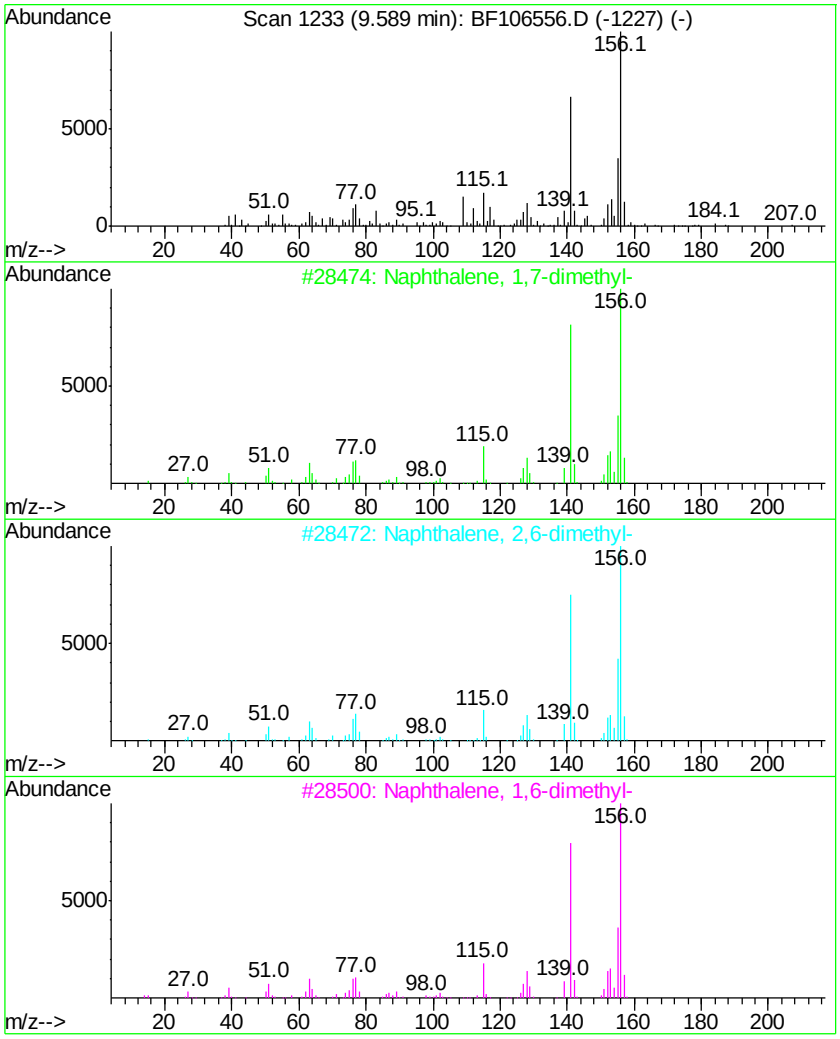
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

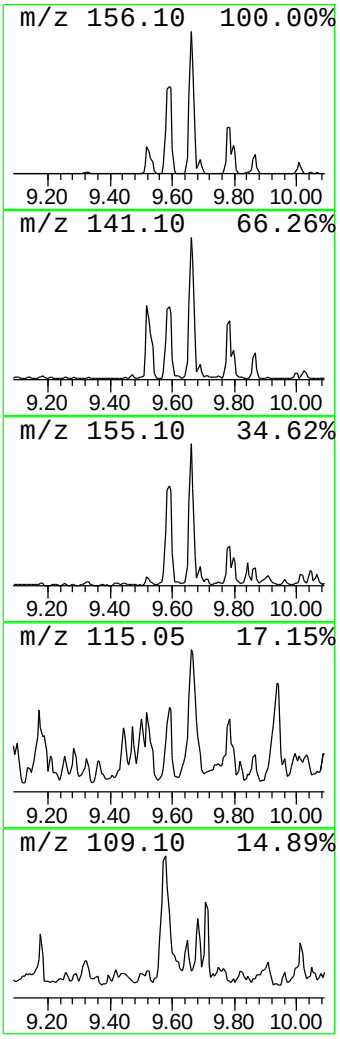
**********

Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.59 | 15.03 ng | 810277 | Acenaphthene-d10 | 10.01 |

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

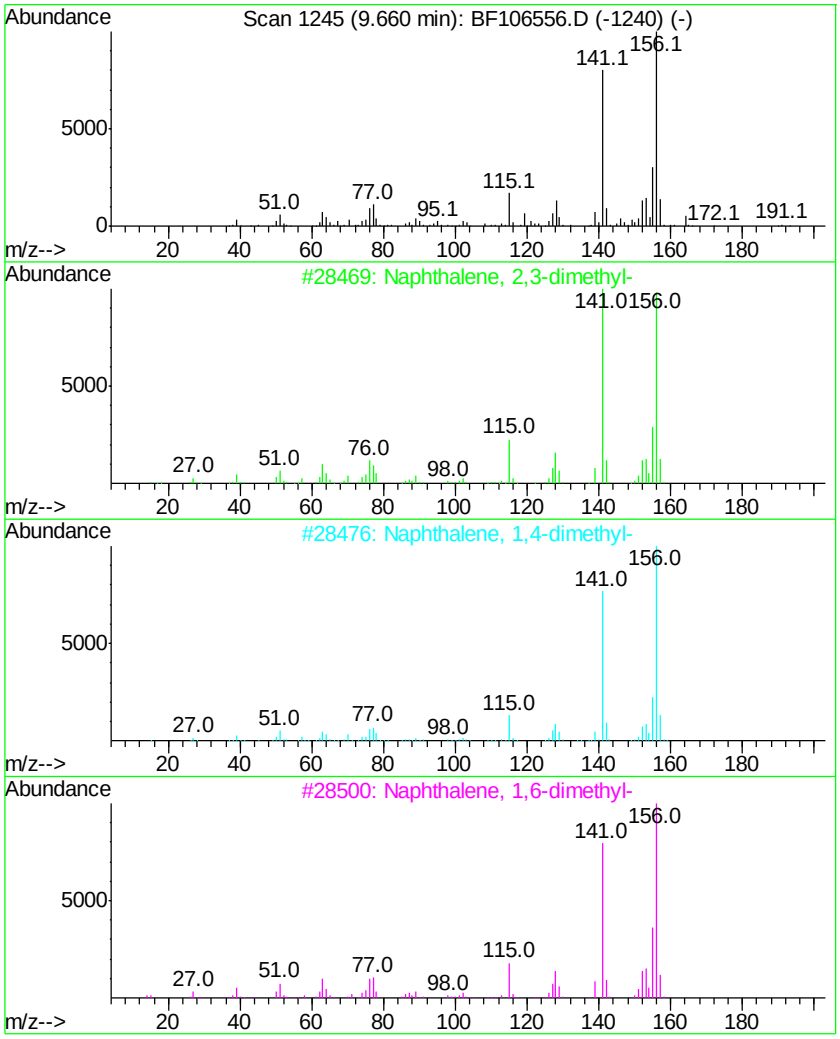
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

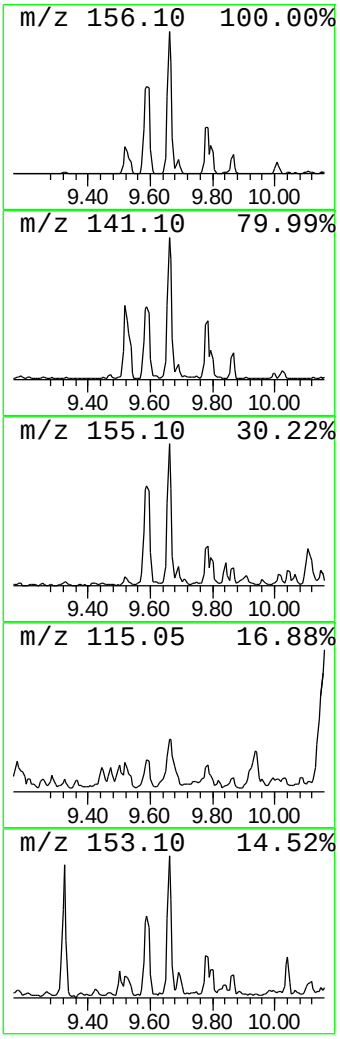
**********

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.66 | 29.49 ng | 1589780 | Acenaphthene-d10 | 10.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

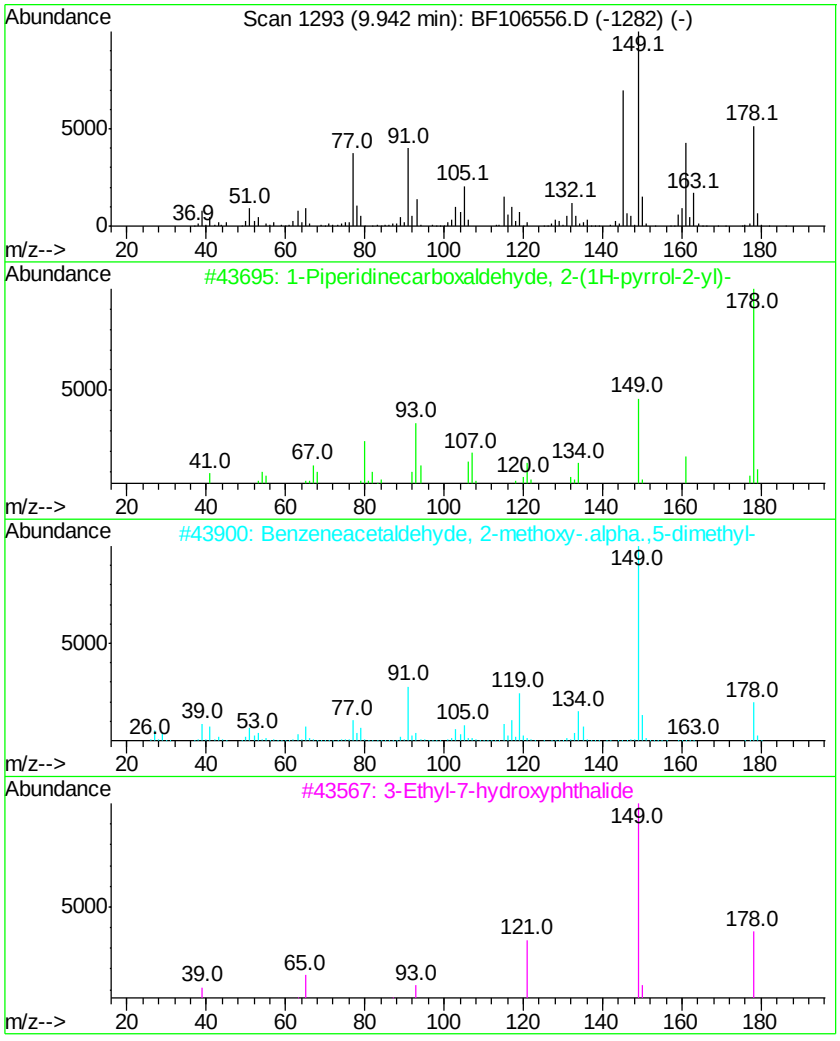
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

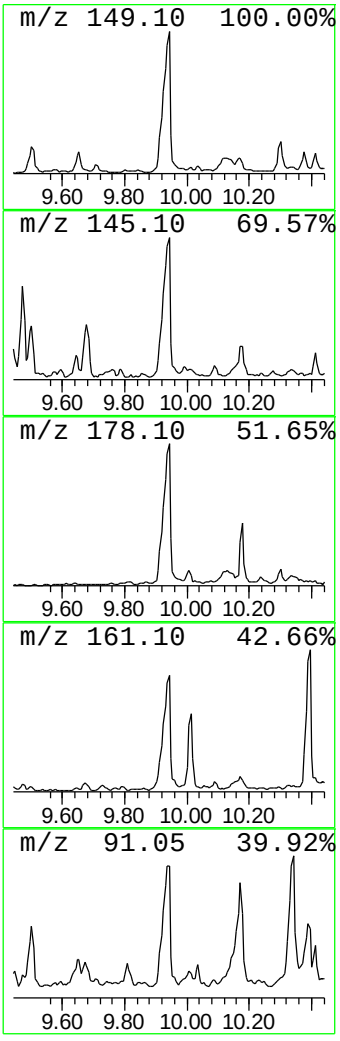
**********

Peak Number 15 unknown9.94 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.94 | 28.78 ng | 1551520 | Acenaphthene-d10 | 10.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Piperidinecarboxaldehyde, 2-(1... | 178 | C10H14N2O | 054966-09-5 | 47 |
| 2 | Benzeneacetaldehyde, 2-methoxy-.... | 178 | C11H14O2 | 053155-90-1 | 38 |
| 3 | 3-Ethyl-7-hydroxyphthalide | 178 | C10H10O3 | 000485-26-7 | 35 |
| 4 | 2-Acetylbenzoic acid | 164 | C9H8O3 | 000577-56-0 | 30 |
| 5 | (7-Methylbenzo(b)thien-2-yl)meth... | 178 | C10H10OS | 003751-78-8 | 27 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

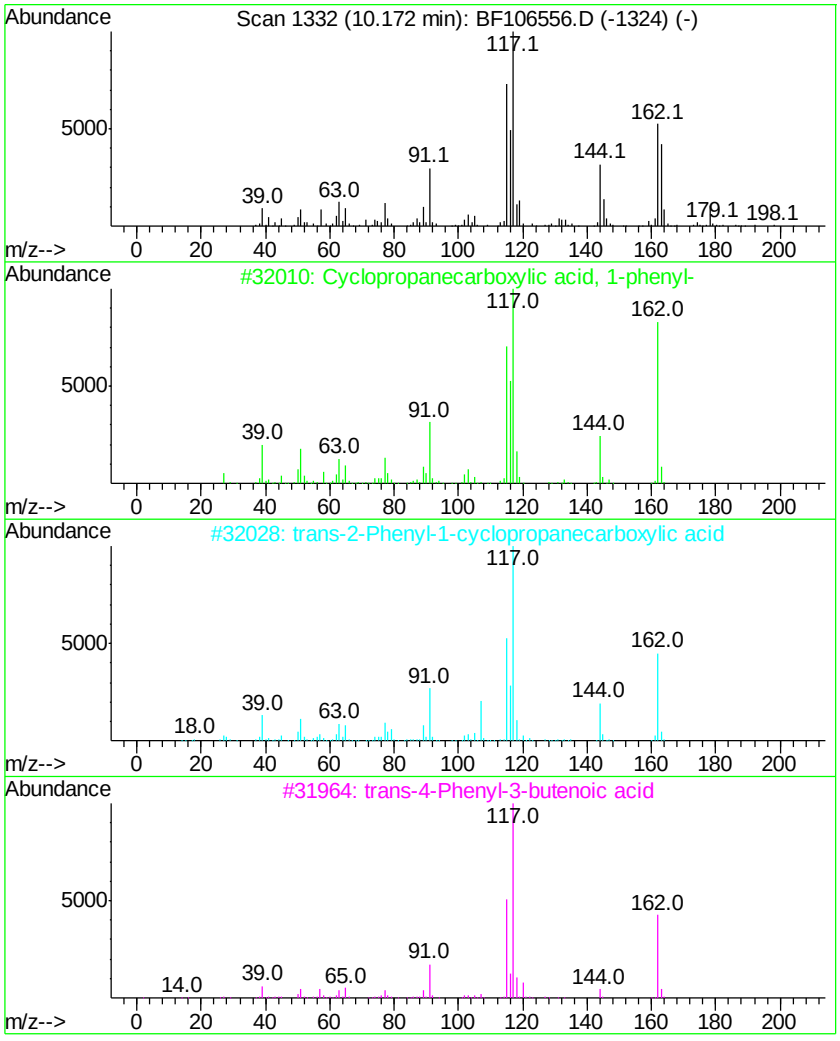
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

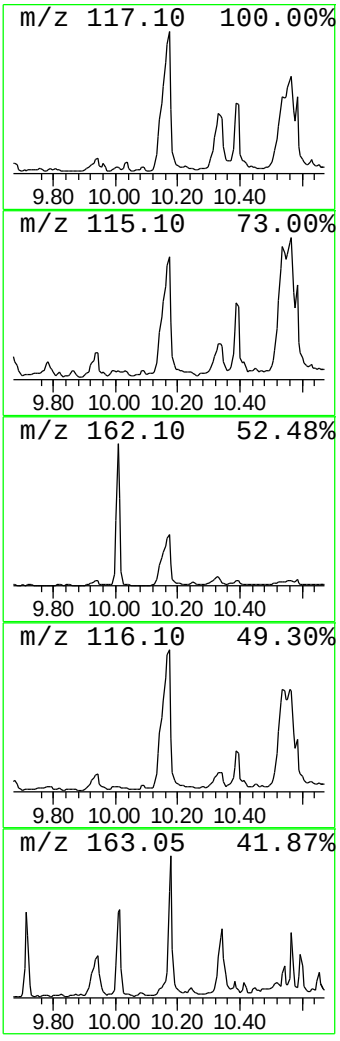
**********

Peak Number 16 Cyclopropanecarboxylic acid... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.17 | 30.74 ng | 1657560 | Acenaphthene-d10 | 10.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropanecarboxylic acid, 1-p... | 162 | C10H10O2 | 006120-95-2 | 76 |
| 2 | trans-2-Phenyl-1-cyclopropanecar... | 162 | C10H10O2 | 000939-90-2 | 58 |
| 3 | trans-4-Phenyl-3-butenoic acid | 162 | C10H10O2 | 001914-58-5 | 53 |
| 4 | 1H-Indene-5-carboxylic acid, 2,3... | 162 | C10H10O2 | 1000337-61-3 | 46 |
| 5 | .alpha.-Methylcinnamic acid | 162 | C10H10O2 | 001199-77-5 | 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

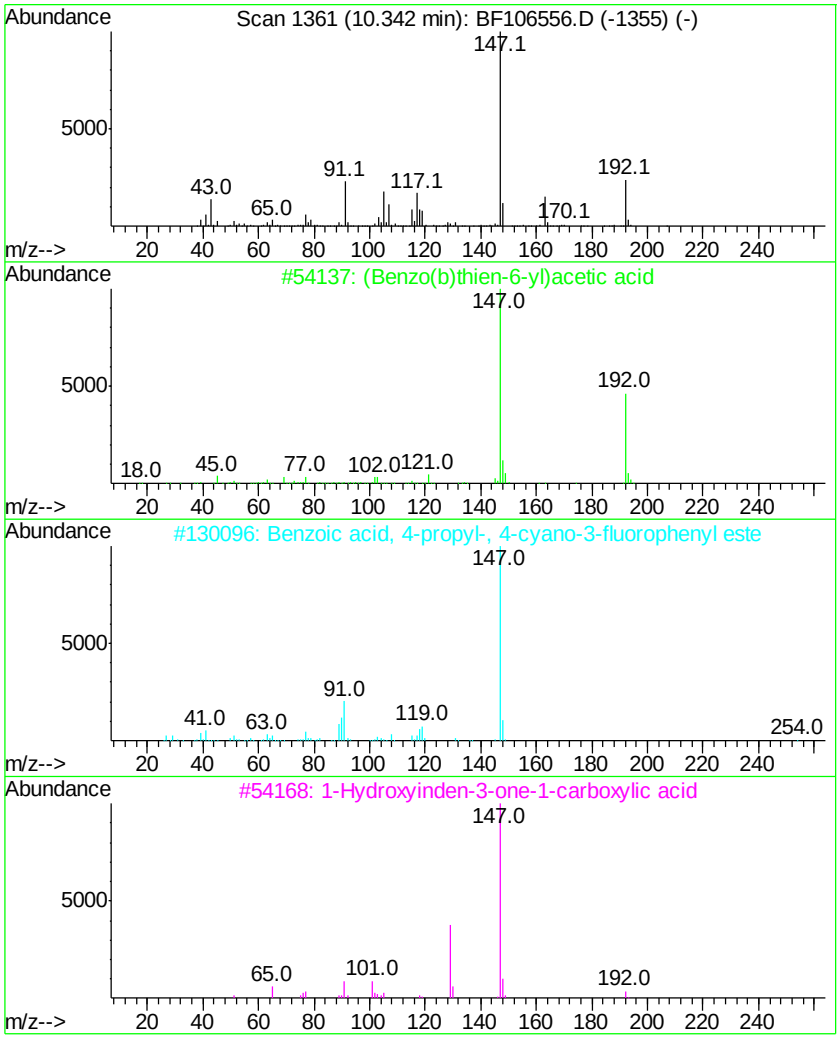
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

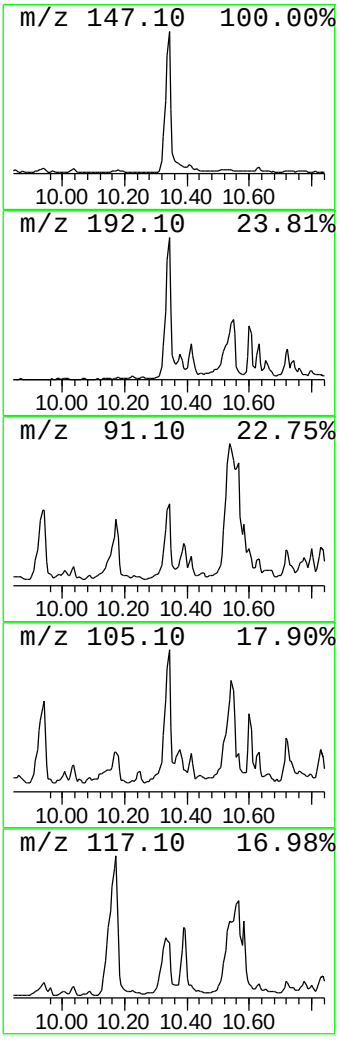
**********

Peak Number 17 (Benzo(b)thien-6-yl)acetic ... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.34 | 21.23 ng | 1144840 | Acenaphthene-d10 | 10.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Benzo(b)thien-6-yl)acetic acid | 192 | C10H8O2S | 006177-87-3 | 53 |
| 2 | Benzoic acid, 4-propyl-, 4-cyano... | 283 | C17H14FNO2 | 086776-51-4 | 50 |
| 3 | 1-Hydroxyinden-3-one-1-carboxyli... | 192 | C10H8O4 | 1000215-33-8 | 50 |
| 4 | 1,3,5,6,7-Pentamethylbicyclo[3.2... | 162 | C12H18 | 003099-00-1 | 50 |
| 5 | 1H-Indazol-5-amine, 3-methyl- | 147 | C8H9N3 | 1000338-20-2 | 47 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

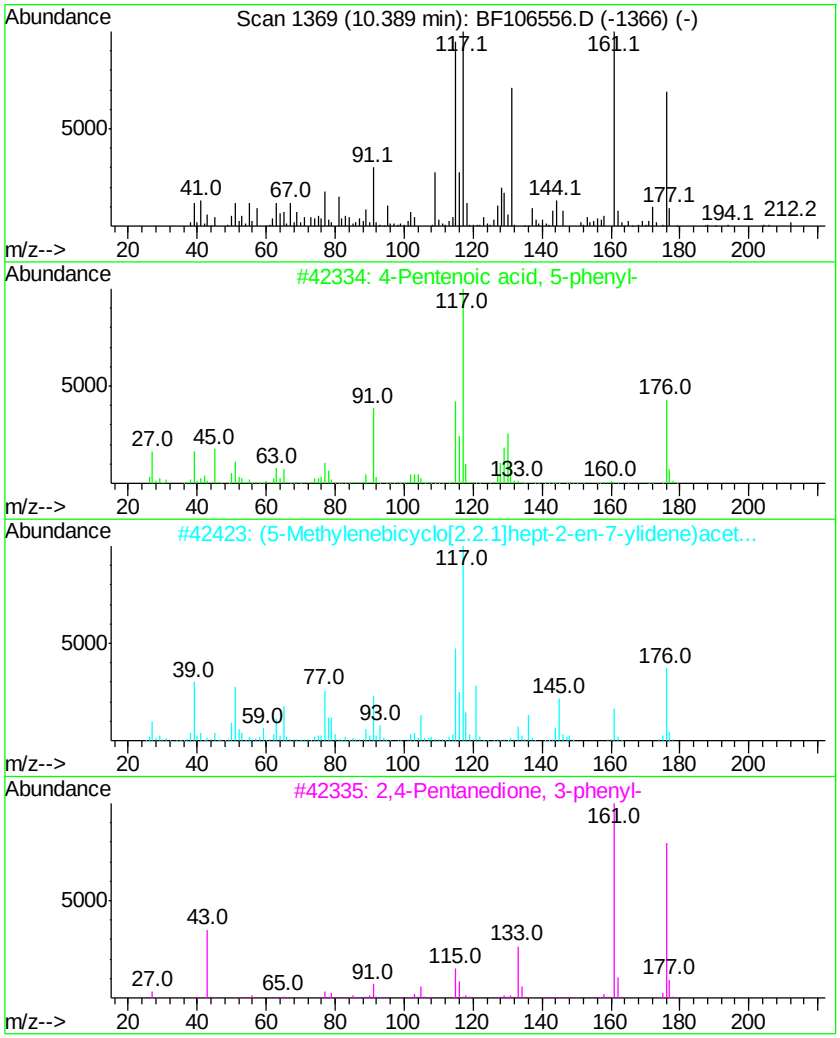
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

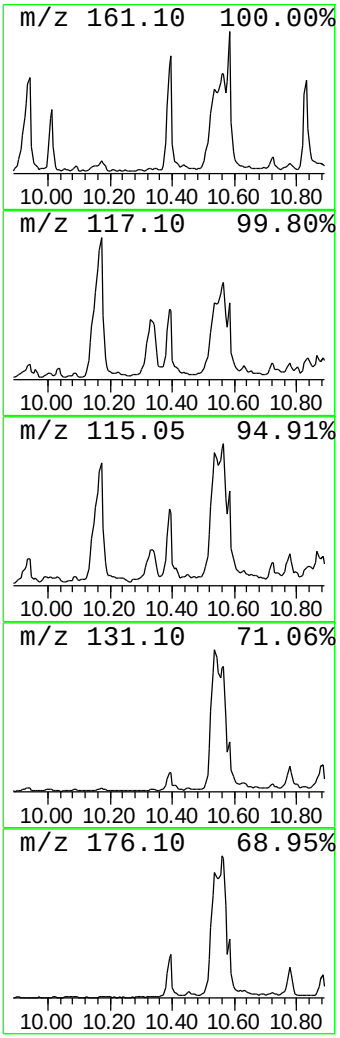
**********

Peak Number 18 unknown10.39 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.39 | 14.22 ng | 766607 | Acenaphthene-d10 | 10.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Pentenoic acid, 5-phenyl- | 176 | C11H12O2 | 028525-69-1 | 46 |
| 2 | (5-Methylenebicyclo[2.2.1]hept-2... | 176 | C11H12O2 | 1000211-09-6 | 41 |
| 3 | 2,4-Pentanedione, 3-phenyl- | 176 | C11H12O2 | 005910-25-8 | 22 |
| 4 | 2H-1-Benzopyran-2-one, 3,4-dihyd... | 176 | C11H12O2 | 029598-22-9 | 22 |
| 5 | 3-Buten-2-one, 4-(4-methoxyphenyl)- | 176 | C11H12O2 | 000943-88-4 | 18 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

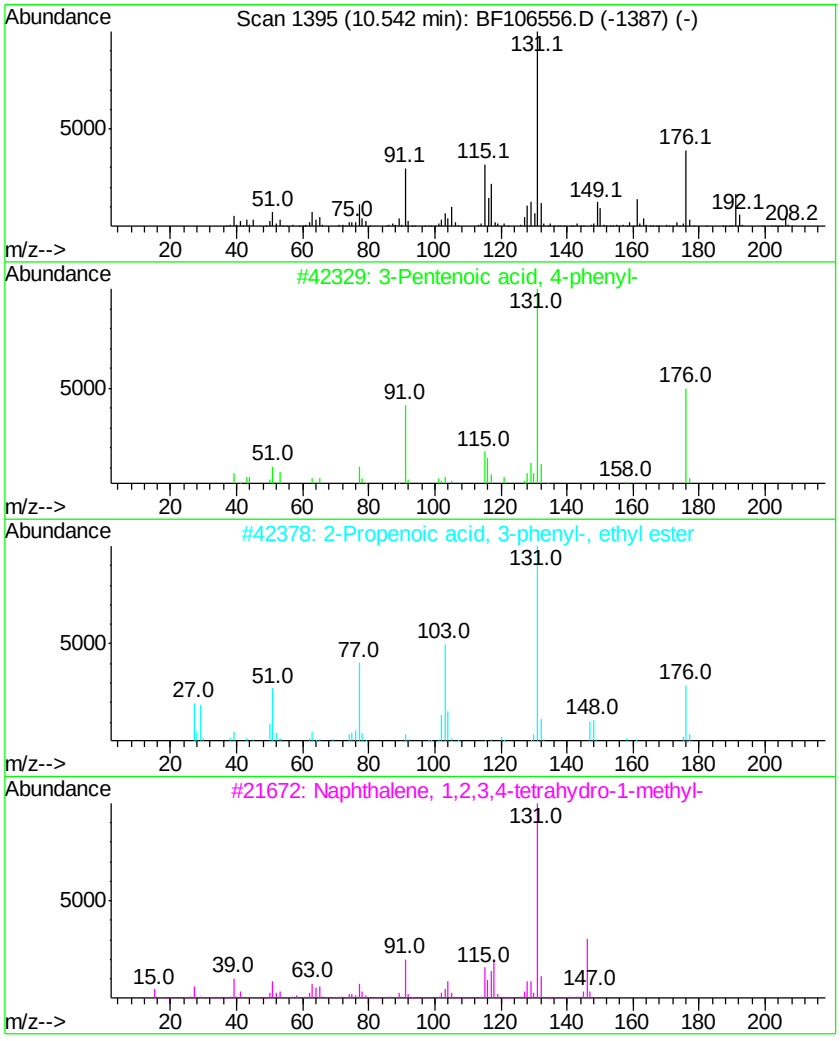
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

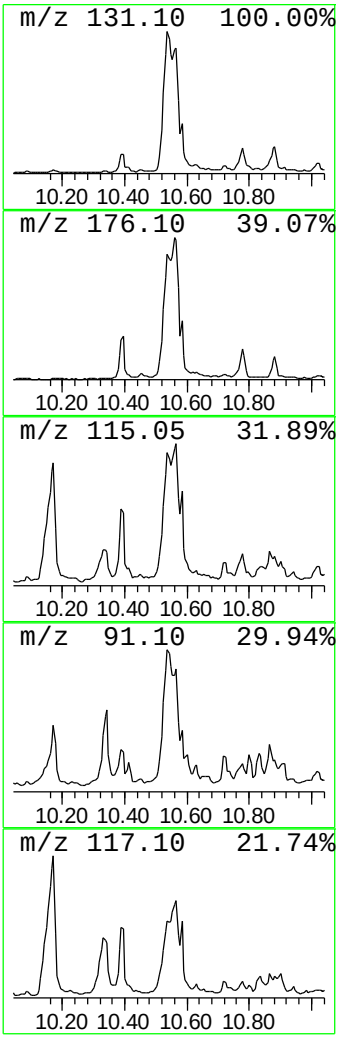
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 3-Pentenoic acid, 4-phenyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.54 | 67.03 ng | 3613970 | Acenaphthene-d10 | 10.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Pentenoic acid, 4-phenyl- | 176 | C11H12O2 | 053774-19-9 | 64 |
| 2 | 2-Propenoic acid, 3-phenyl-, eth... | 176 | C11H12O2 | 000103-36-6 | 50 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 43 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14 | 027087-54-3 | 38 |
| 5 | Naphthalene, 1-ethyl-1,2,3,4-tet... | 160 | C12H16 | 013556-58-6 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

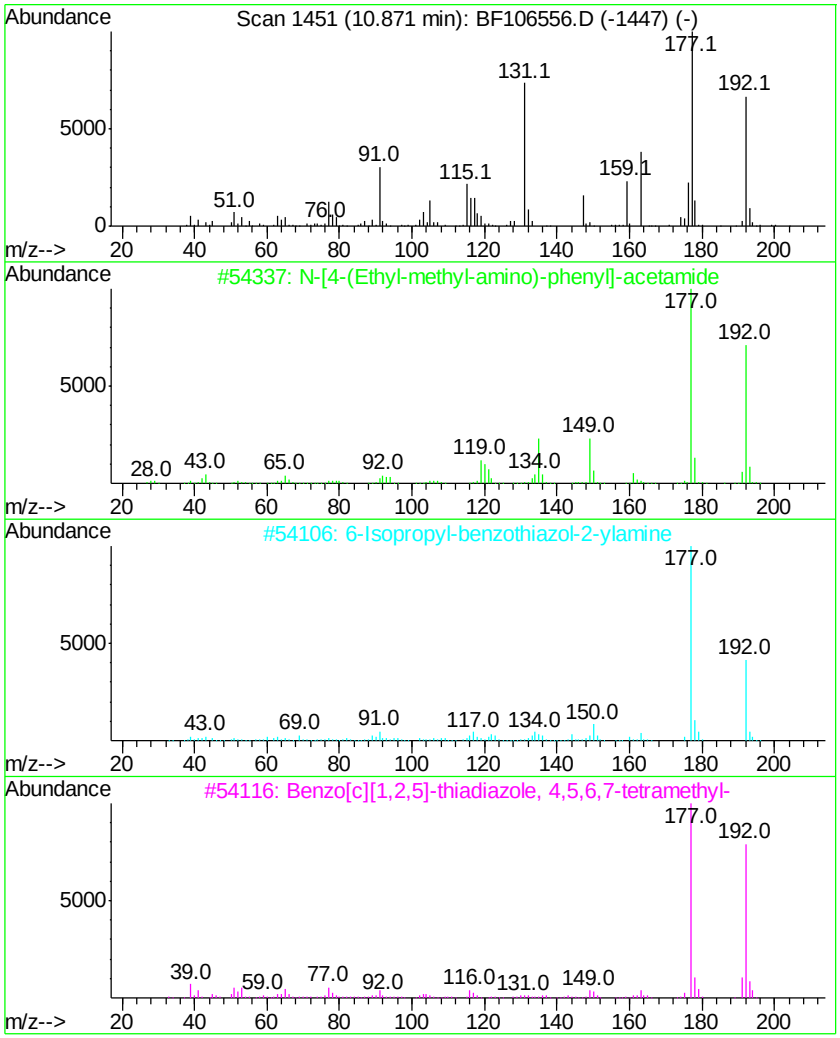
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

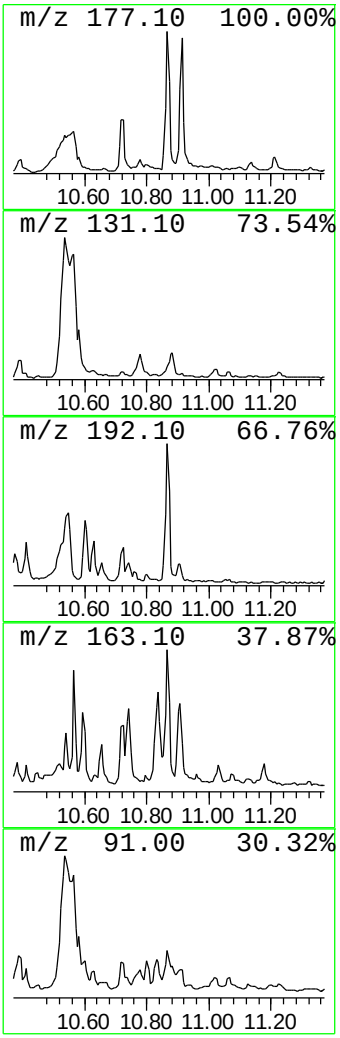
**********

Peak Number 20 unknown10.87 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.87 | 14.20 ng | 452932 | Phenanthrene-d10 | 11.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-[4-(Ethyl-methyl-amino)-phenyl... | 192 | C11H16N2O | 099981-45-0 | 49 |
| 2 | 6-Isopropyl-benzothiazol-2-ylamine | 192 | C10H12N2S | 032895-14-0 | 46 |
| 3 | Benzo[c][1,2,5]-thiadiazole, 4,5... | 192 | C10H12N2S | 106148-64-5 | 46 |
| 4 | 1,4-Benzenediamine, N,N'-bis(1-m... | 192 | C12H20N2 | 004251-01-8 | 46 |
| 5 | 2-Methyl-5-nitro-2H-indazole | 177 | C8H7N3O2 | 005228-48-8 | 45 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106556.D
Acq On : 19 Jun 2018 00:08
Operator : JU/SJ
Sample : J3564-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown6.75 | 6.75 | 67.3 | ng | 2388160 | 1 | 6.97 | 709228 | 20.0 |
| Indane | 7.15 | 31.4 | ng | 1112730 | 1 | 6.97 | 709228 | 20.0 |
| Benzene, 1,3-diet... | 7.21 | 10.8 | ng | 383575 | 1 | 6.97 | 709228 | 20.0 |
| Benzene, 1,2,3,5-... | 7.73 | 16.2 | ng | 989922 | 2 | 8.25 | 1219080 | 20.0 |
| Phenol, 2-ethoxy- | 7.93 | 19.1 | ng | 1166830 | 2 | 8.25 | 1219080 | 20.0 |
| Benzene, 1,2,3,4-... | 7.98 | 46.9 | ng | 2860220 | 2 | 8.25 | 1219080 | 20.0 |
| Naphthalene, 1,2,... | 8.44 | 12.3 | ng | 750443 | 2 | 8.25 | 1219080 | 20.0 |
| Naphthalene, 1,2,... | 8.49 | 12.8 | ng | 780000 | 2 | 8.25 | 1219080 | 20.0 |
| Naphthalene, 1,2,... | 8.75 | 20.7 | ng | 1263070 | 2 | 8.25 | 1219080 | 20.0 |
| Naphthalene, 1,2,... | 8.91 | 16.1 | ng | 978460 | 2 | 8.25 | 1219080 | 20.0 |
| Benzoic acid, 2,6... | 9.17 | 26.7 | ng | 1440080 | 3 | 10.01 | 1078330 | 20.0 |
| Naphthalene, 1,7-... | 9.59 | 15.0 | ng | 810277 | 3 | 10.01 | 1078330 | 20.0 |
| Naphthalene, 2,3-... | 9.66 | 29.5 | ng | 1589780 | 3 | 10.01 | 1078330 | 20.0 |
| unknown9.94 | 9.94 | 28.8 | ng | 1551520 | 3 | 10.01 | 1078330 | 20.0 |
| Cyclopropanecarbo... | 10.17 | 30.7 | ng | 1657560 | 3 | 10.01 | 1078330 | 20.0 |
| (Benzo(b)thien-6-... | 10.34 | 21.2 | ng | 1144840 | 3 | 10.01 | 1078330 | 20.0 |
| unknown10.39 | 10.39 | 14.2 | ng | 766607 | 3 | 10.01 | 1078330 | 20.0 |
| 3-Pentenoic acid,... | 10.54 | 67.0 | ng | 3613970 | 3 | 10.01 | 1078330 | 20.0 |
| unknown10.87 | 10.87 | 14.2 | ng | 452932 | 4 | 11.50 | 638087 | 20.0 |