LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

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:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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 | 2.721 | 70 | 73 | 81 | rVB | 130652 | 245853 | 3.69% | 0.377% |
| 2 | 3.235 | 115 | 118 | 123 | rBV | 39561 | 88270 | 1.33% | 0.135% |
| 3 | 4.756 | 248 | 251 | 261 | rVB | 693933 | 906001 | 13.60% | 1.389% |
| 4 | 5.144 | 278 | 285 | 291 | rVB4 | 21094 | 75489 | 1.13% | 0.116% |
| 5 | 5.236 | 291 | 293 | 300 | rBV | 2846232 | 2911142 | 43.71% | 4.463% |
| 6 | 5.761 | 335 | 339 | 343 | rBV3 | 47498 | 113603 | 1.71% | 0.174% |
| 7 | 5.921 | 351 | 353 | 357 | rBV | 73869 | 92528 | 1.39% | 0.142% |
| 8 | 6.299 | 383 | 386 | 390 | rBV | 1813880 | 2127859 | 31.95% | 3.262% |
| 9 | 6.401 | 392 | 395 | 397 | rBV | 5167067 | 5257928 | 78.95% | 8.061% |
| 10 | 6.573 | 407 | 410 | 412 | rBV2 | 67848 | 117885 | 1.77% | 0.181% |
| 11 | 6.619 | 412 | 414 | 416 | rBV | 1352486 | 1522367 | 22.86% | 2.334% |
| 12 | 6.653 | 416 | 417 | 419 | rVV2 | 121361 | 112438 | 1.69% | 0.172% |
| 13 | 6.699 | 419 | 421 | 423 | rVV2 | 89904 | 134812 | 2.02% | 0.207% |
| 14 | 6.779 | 426 | 428 | 432 | rVB | 3791699 | 4178577 | 62.74% | 6.406% |
| 15 | 6.881 | 435 | 437 | 439 | rVB | 103583 | 99622 | 1.50% | 0.153% |
| 16 | 6.973 | 441 | 445 | 447 | rVB2 | 117752 | 188846 | 2.84% | 0.290% |
| 17 | 7.042 | 447 | 451 | 454 | rBV5 | 30106 | 71160 | 1.07% | 0.109% |
| 18 | 7.202 | 459 | 465 | 467 | rBV | 3196220 | 4953980 | 74.39% | 7.595% |
| 19 | 7.282 | 469 | 472 | 473 | rBV2 | 103524 | 161095 | 2.42% | 0.247% |
| 20 | 7.316 | 473 | 475 | 477 | rVB | 163284 | 197408 | 2.96% | 0.303% |
| 21 | 7.407 | 477 | 483 | 485 | rBV | 398508 | 615430 | 9.24% | 0.944% |
| 22 | 7.499 | 489 | 491 | 492 | rVB | 95793 | 92397 | 1.39% | 0.142% |
| 23 | 7.567 | 495 | 497 | 502 | rVB3 | 145177 | 316463 | 4.75% | 0.485% |
| 24 | 7.659 | 502 | 505 | 507 | rBV2 | 627610 | 843405 | 12.66% | 1.293% |
| 25 | 7.750 | 510 | 513 | 515 | rVB | 208763 | 231510 | 3.48% | 0.355% |
| 26 | 7.842 | 518 | 521 | 524 | rBV3 | 82254 | 210671 | 3.16% | 0.323% |
| 27 | 7.910 | 524 | 527 | 531 | rBV | 2379166 | 2915294 | 43.78% | 4.469% |
| 28 | 7.967 | 531 | 532 | 533 | rVB | 122637 | 84129 | 1.26% | 0.129% |
| 29 | 8.070 | 540 | 541 | 542 | rBV | 67034 | 90135 | 1.35% | 0.138% |
| 30 | 8.104 | 542 | 544 | 546 | rVV | 50943 | 80702 | 1.21% | 0.124% |
| 31 | 8.150 | 546 | 548 | 549 | rVV | 794614 | 957321 | 14.37% | 1.468% |
| 32 | 8.173 | 549 | 550 | 554 | rVB2 | 653161 | 1083423 | 16.27% | 1.661% |
| 33 | 8.299 | 559 | 561 | 564 | rVB3 | 87892 | 165248 | 2.48% | 0.253% |
| 34 | 8.379 | 564 | 568 | 570 | rBV3 | 95143 | 260822 | 3.92% | 0.400% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

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:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.573 | 582 | 585 | 587 | rVB2 | 203525 | 256641 | 3.85% | 0.393% |
| 36 | 8.607 | 587 | 588 | 591 | rVB2 | 56332 | 83659 | 1.26% | 0.128% |
| 37 | 8.722 | 594 | 598 | 604 | rBV3 | 199748 | 345997 | 5.20% | 0.530% |
| 38 | 8.825 | 604 | 607 | 609 | rBV3 | 37562 | 91494 | 1.37% | 0.140% |
| 39 | 8.859 | 609 | 610 | 613 | rVV3 | 72932 | 121989 | 1.83% | 0.187% |
| 40 | 8.916 | 613 | 615 | 618 | rVV | 184630 | 217919 | 3.27% | 0.334% |
| 41 | 8.996 | 618 | 622 | 624 | rVB | 5563940 | 6659698 | 100.00% | 10.210% |
| 42 | 9.110 | 627 | 632 | 634 | rBV5 | 123282 | 261853 | 3.93% | 0.401% |
| 43 | 9.350 | 648 | 653 | 655 | rBV4 | 125712 | 357400 | 5.37% | 0.548% |
| 44 | 9.396 | 655 | 657 | 659 | rVV | 445698 | 524850 | 7.88% | 0.805% |
| 45 | 9.442 | 659 | 661 | 666 | rVB6 | 84382 | 204377 | 3.07% | 0.313% |
| 46 | 9.579 | 671 | 673 | 674 | rBV | 65989 | 68203 | 1.02% | 0.105% |
| 47 | 9.659 | 675 | 680 | 683 | rVV | 1420029 | 2118541 | 31.81% | 3.248% |
| 48 | 9.750 | 685 | 688 | 690 | rBV2 | 103104 | 144986 | 2.18% | 0.222% |
| 49 | 9.842 | 693 | 696 | 700 | rBV3 | 133502 | 253846 | 3.81% | 0.389% |
| 50 | 9.990 | 706 | 709 | 710 | rVB2 | 95768 | 142795 | 2.14% | 0.219% |
| 51 | 10.047 | 710 | 714 | 715 | rVV4 | 55234 | 128397 | 1.93% | 0.197% |
| 52 | 10.093 | 716 | 718 | 721 | rVV | 380561 | 419010 | 6.29% | 0.642% |
| 53 | 10.139 | 721 | 722 | 727 | rVB3 | 59033 | 132664 | 1.99% | 0.203% |
| 54 | 10.288 | 733 | 735 | 737 | rBV2 | 54006 | 74922 | 1.13% | 0.115% |
| 55 | 10.356 | 740 | 741 | 744 | rBV3 | 61554 | 78101 | 1.17% | 0.120% |
| 56 | 10.459 | 745 | 750 | 752 | rBV | 3012233 | 3466041 | 52.05% | 5.314% |
| 57 | 10.585 | 758 | 761 | 764 | rVB4 | 239180 | 399031 | 5.99% | 0.612% |
| 58 | 10.642 | 764 | 766 | 768 | rBV | 88467 | 139790 | 2.10% | 0.214% |
| 59 | 10.676 | 768 | 769 | 771 | rVB2 | 81878 | 99932 | 1.50% | 0.153% |
| 60 | 10.779 | 776 | 778 | 780 | rVV2 | 60173 | 100782 | 1.51% | 0.155% |
| 61 | 10.825 | 780 | 782 | 784 | rVB2 | 57567 | 76456 | 1.15% | 0.117% |
| 62 | 10.859 | 784 | 785 | 788 | rBV | 82126 | 105371 | 1.58% | 0.162% |
| 63 | 11.030 | 797 | 800 | 804 | rVB2 | 163657 | 371462 | 5.58% | 0.569% |
| 64 | 11.145 | 806 | 810 | 812 | rVV | 1956721 | 1967355 | 29.54% | 3.016% |
| 65 | 11.179 | 812 | 813 | 818 | rVB | 150247 | 179369 | 2.69% | 0.275% |
| 66 | 11.328 | 824 | 826 | 828 | rBV | 49564 | 74475 | 1.12% | 0.114% |
| 67 | 11.362 | 828 | 829 | 832 | rVV | 95937 | 100567 | 1.51% | 0.154% |
| 68 | 11.453 | 835 | 837 | 839 | rVB | 131048 | 116794 | 1.75% | 0.179% |
| 69 | 11.693 | 856 | 858 | 861 | rBV2 | 280386 | 336440 | 5.05% | 0.516% |
| 70 | 11.751 | 861 | 863 | 864 | rVV | 125756 | 191961 | 2.88% | 0.294% |
| 71 | 11.773 | 864 | 865 | 868 | rVV2 | 135308 | 228486 | 3.43% | 0.350% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

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:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 11.819 | 868 | 869 | 871 | rVV2 | 115056 | 164815 | 2.47% | 0.253% |
| 73 | 11.865 | 871 | 873 | 875 | rVV3 | 119877 | 248226 | 3.73% | 0.381% |
| 74 | 11.945 | 879 | 880 | 883 | rVV | 163082 | 235102 | 3.53% | 0.360% |
| 75 | 11.991 | 883 | 884 | 891 | rVB | 72960 | 103024 | 1.55% | 0.158% |
| 76 | 12.402 | 917 | 920 | 921 | rBV2 | 46465 | 89257 | 1.34% | 0.137% |
| 77 | 12.482 | 925 | 927 | 928 | rVV | 116638 | 137980 | 2.07% | 0.212% |
| 78 | 12.516 | 928 | 930 | 932 | rVB | 108789 | 118960 | 1.79% | 0.182% |
| 79 | 12.619 | 937 | 939 | 940 | rBV | 73243 | 82132 | 1.23% | 0.126% |
| 80 | 12.733 | 946 | 949 | 951 | rVB | 4209259 | 4763179 | 71.52% | 7.302% |
| 81 | 12.779 | 951 | 953 | 956 | rVB | 127441 | 172595 | 2.59% | 0.265% |
| 82 | 12.836 | 956 | 958 | 960 | rBV2 | 453704 | 811113 | 12.18% | 1.244% |
| 83 | 12.882 | 960 | 962 | 963 | rVV | 323565 | 450805 | 6.77% | 0.691% |
| 84 | 12.962 | 966 | 969 | 972 | rVV4 | 293858 | 673405 | 10.11% | 1.032% |
| 85 | 13.019 | 972 | 974 | 976 | rVV | 432931 | 469242 | 7.05% | 0.719% |
| 86 | 13.065 | 976 | 978 | 980 | rVB | 117952 | 153613 | 2.31% | 0.236% |
| 87 | 13.305 | 997 | 999 | 1001 | rBV2 | 226533 | 338124 | 5.08% | 0.518% |
| 88 | 13.522 | 1016 | 1018 | 1020 | rBV | 60288 | 86338 | 1.30% | 0.132% |
| 89 | 13.636 | 1026 | 1028 | 1034 | rVB | 160106 | 250696 | 3.76% | 0.384% |
| 90 | 13.774 | 1038 | 1040 | 1043 | rVV | 1473894 | 1501136 | 22.54% | 2.301% |
| 91 | 14.116 | 1068 | 1070 | 1072 | rBV | 70477 | 144601 | 2.17% | 0.222% |
| 92 | 14.265 | 1081 | 1083 | 1084 | rBV | 86085 | 120866 | 1.81% | 0.185% |
| 93 | 14.425 | 1094 | 1097 | 1102 | rBV | 217618 | 402328 | 6.04% | 0.617% |
| 94 | 15.145 | 1157 | 1160 | 1163 | rBV | 865295 | 1170995 | 17.58% | 1.795% |
| 95 | 15.557 | 1194 | 1196 | 1199 | rVB | 56134 | 74404 | 1.12% | 0.114% |
| 96 | 15.991 | 1232 | 1234 | 1236 | rBV | 59801 | 99067 | 1.49% | 0.152% |
| 97 | 16.562 | 1281 | 1284 | 1289 | rBV6 | 53256 | 140222 | 2.11% | 0.215% |
| 98 | 19.294 | 1521 | 1523 | 1527 | rBV4 | 35895 | 80460 | 1.21% | 0.123% |

Sum of corrected areas: 65228152

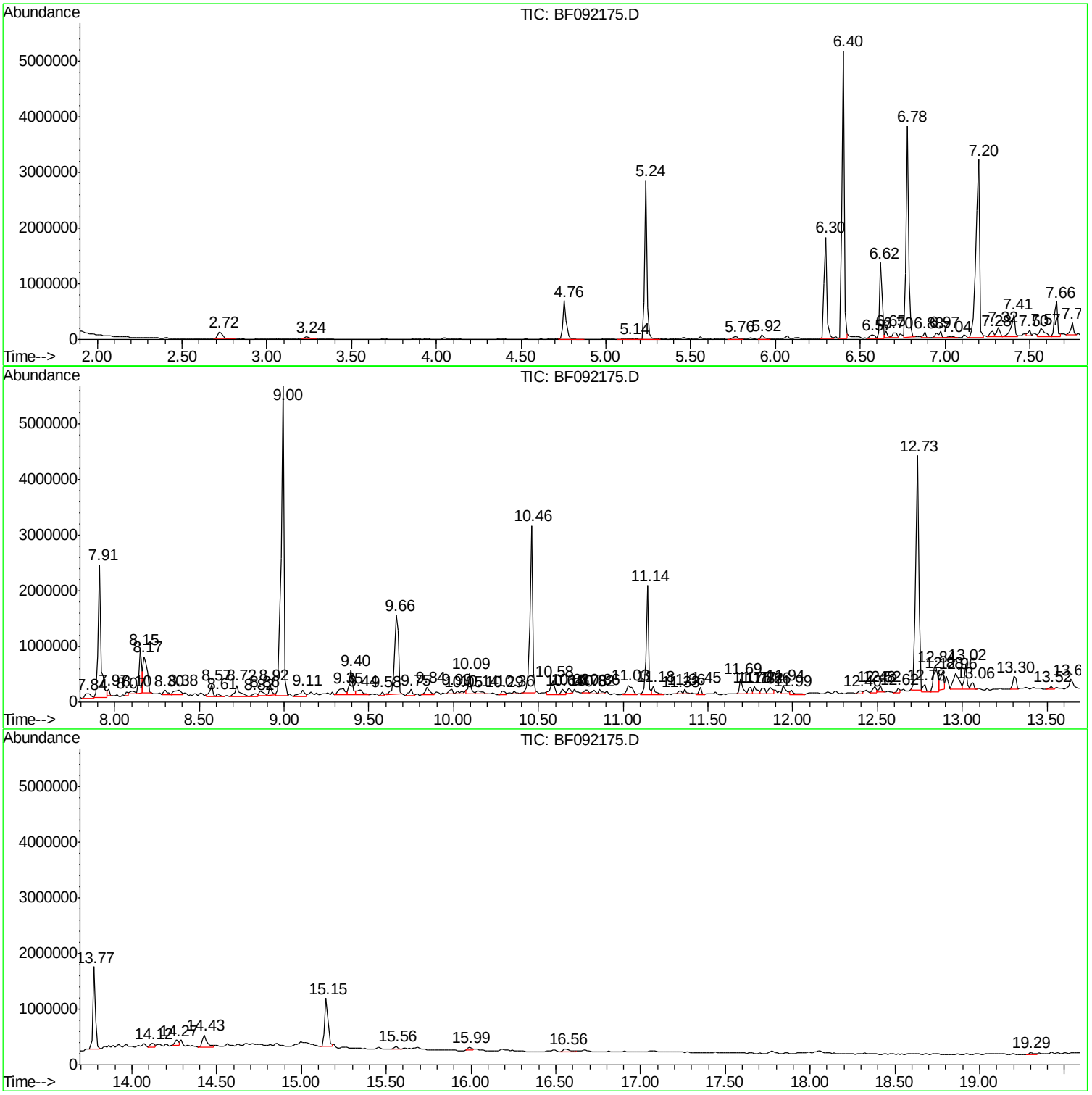
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

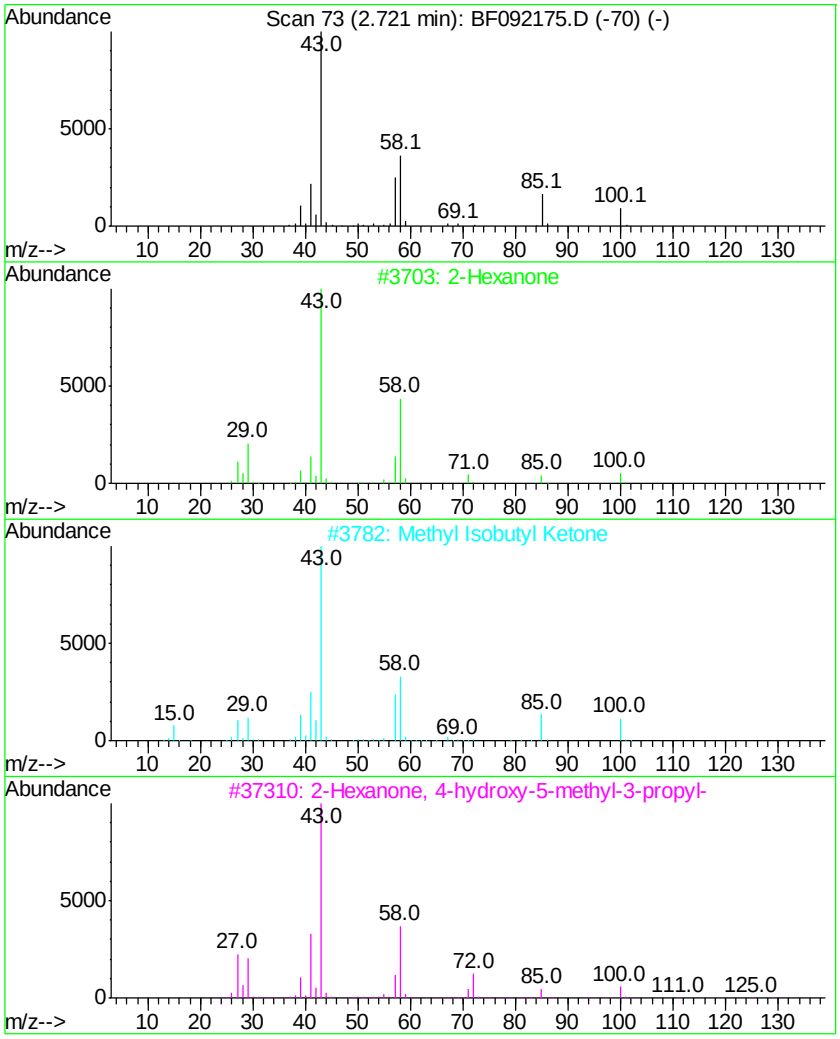
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

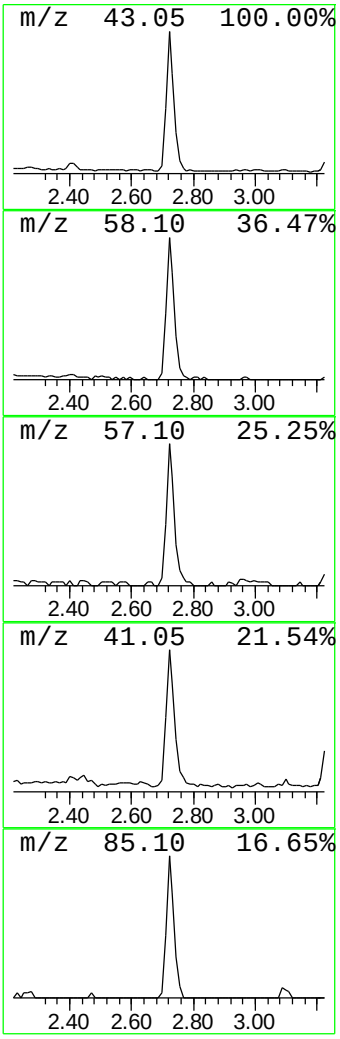
**********

Peak Number 1 2-Hexanone Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.72 | 3.23 ng | 245853 | 1,4-Dichlorobenzene-d4 | 6.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 78 |
| 2 | Methyl Isobutyl Ketone | 100 | C6H12O | 000108-10-1 | 72 |
| 3 | 2-Hexanone, 4-hydroxy-5-methyl-3... | 172 | C10H20O2 | 061141-74-0 | 43 |
| 4 | Pentanal, 2,2-dimethyl- | 114 | C7H14O | 014250-88-5 | 38 |
| 5 | 2,4-Pentanedione | 100 | C5H8O2 | 000123-54-6 | 38 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

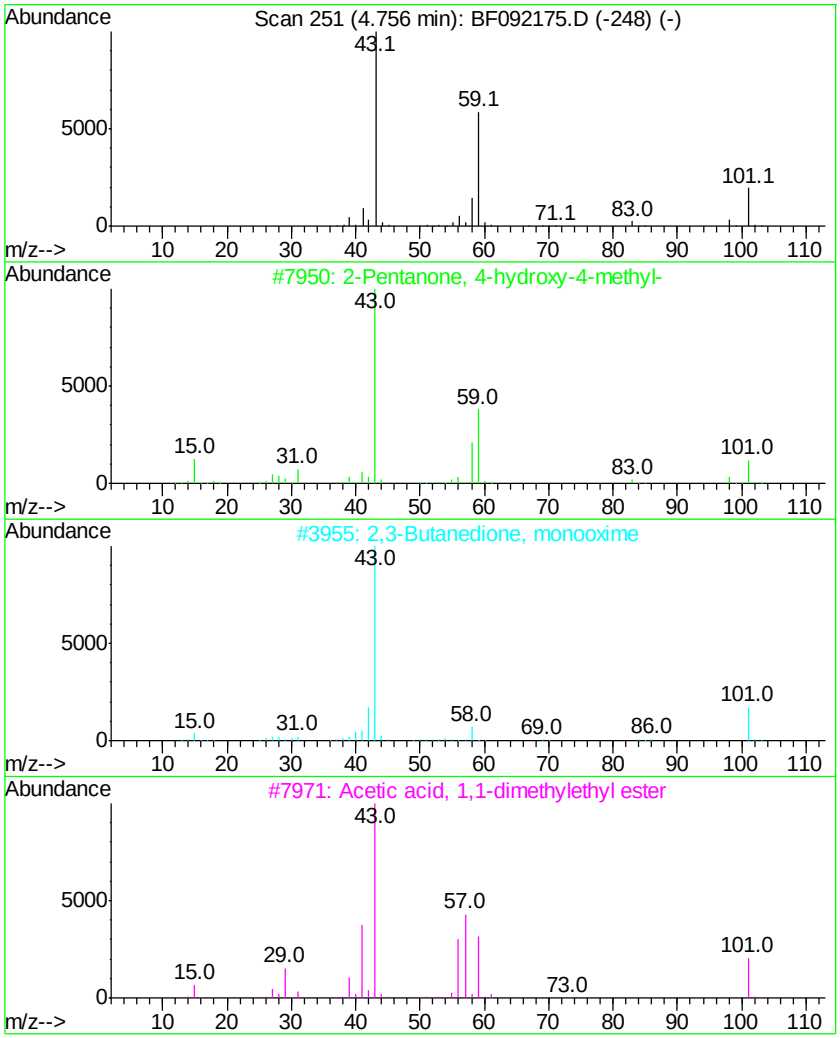
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

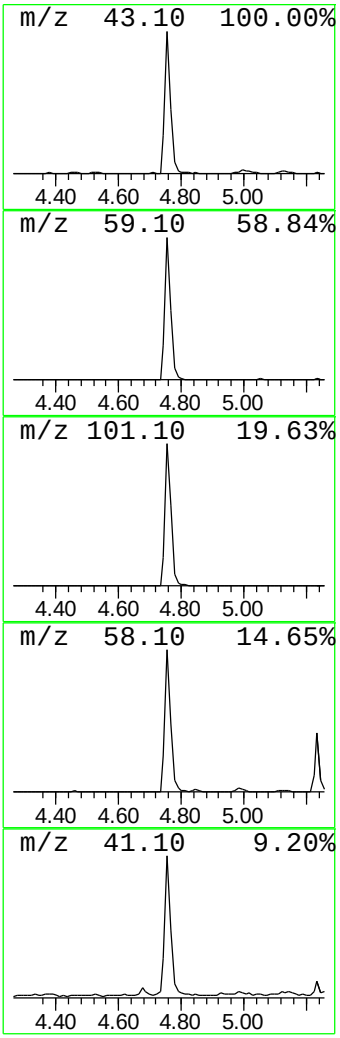
**********

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.76 | 11.90 ng | 906001 | 1,4-Dichlorobenzene-d4 | 6.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 3 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9 |
| 4 | 1,8-Nonanediol, 8-methyl- | 174 | C10H22O2 | 054725-73-4 | 9 |
| 5 | Propane, 2-ethoxy-2-methyl- | 102 | C6H14O | 000637-92-3 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

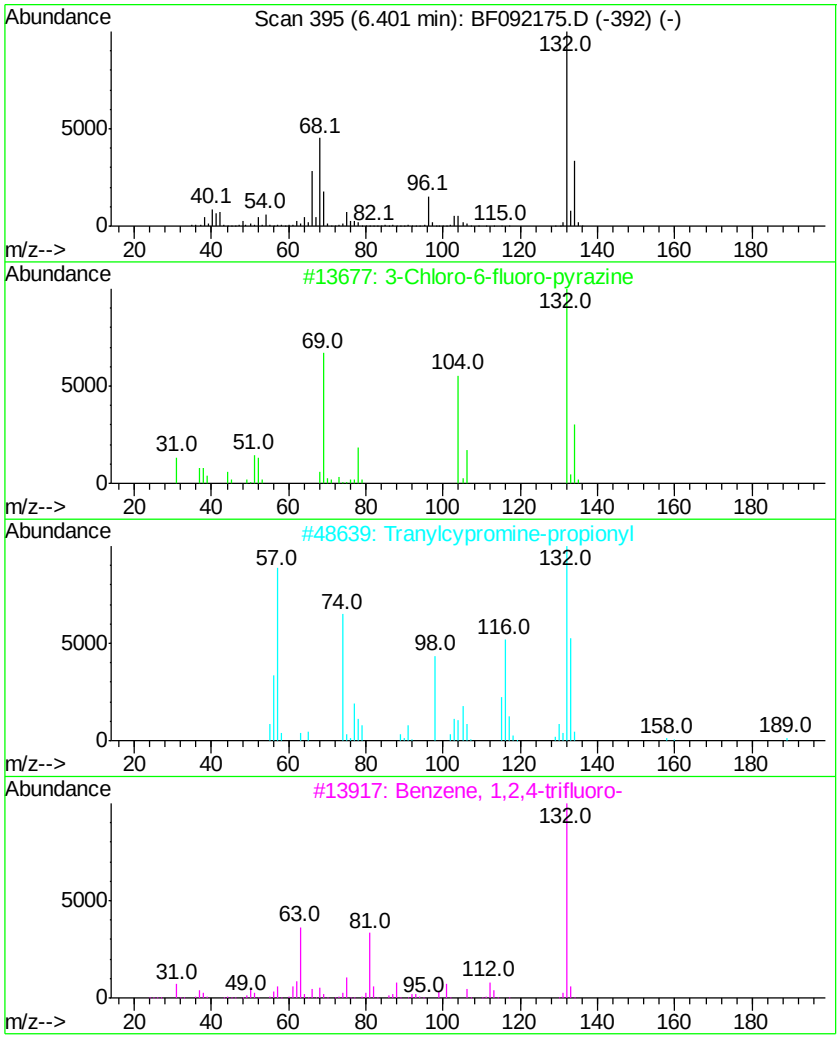
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

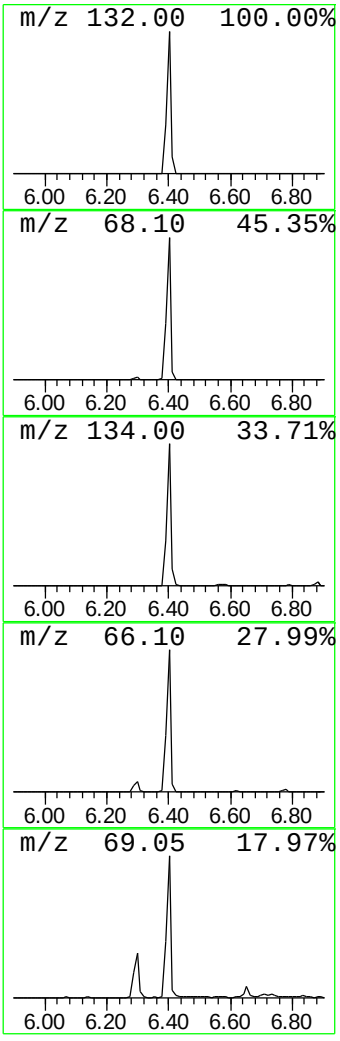
**********

Peak Number 3 unknown6.40 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.40 | 69.08 ng | 5257930 | 1,4-Dichlorobenzene-d4 | 6.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | Benzene, 1,2,4-trifluoro- | 132 | C6H3F3 | 000367-23-7 | 9 |
| 4 | Benzene, 1,3,5-trifluoro- | 132 | C6H3F3 | 000372-38-3 | 9 |
| 5 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

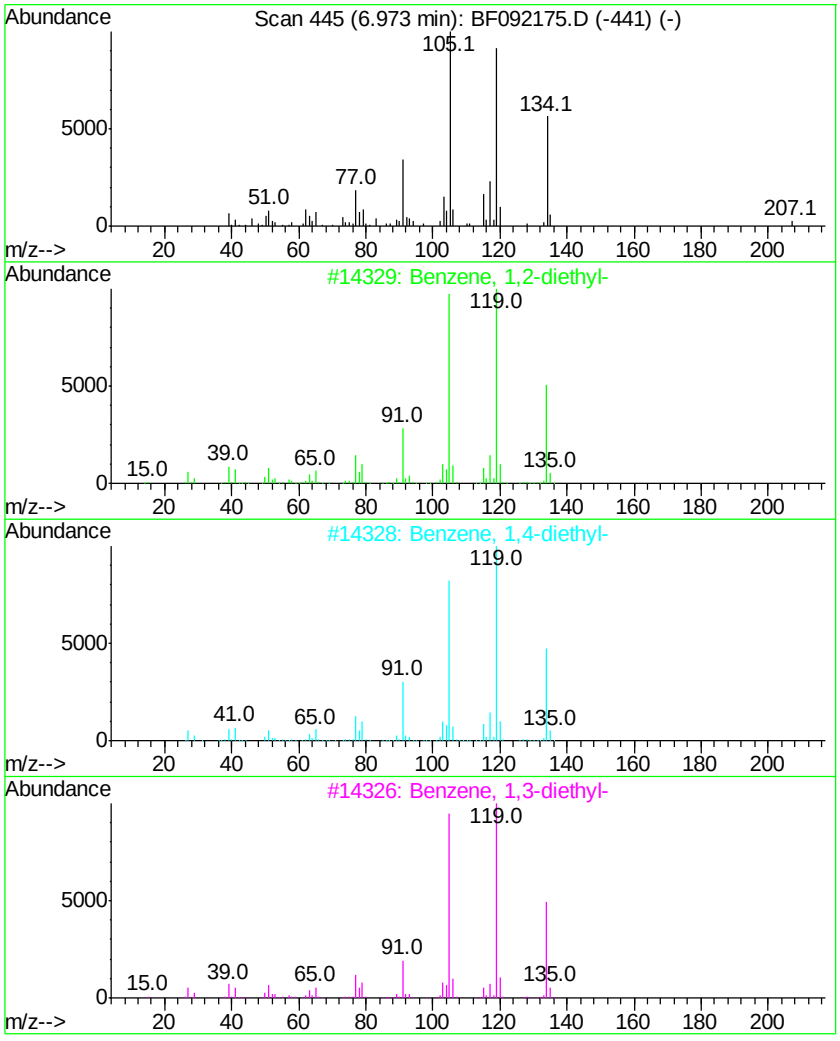
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

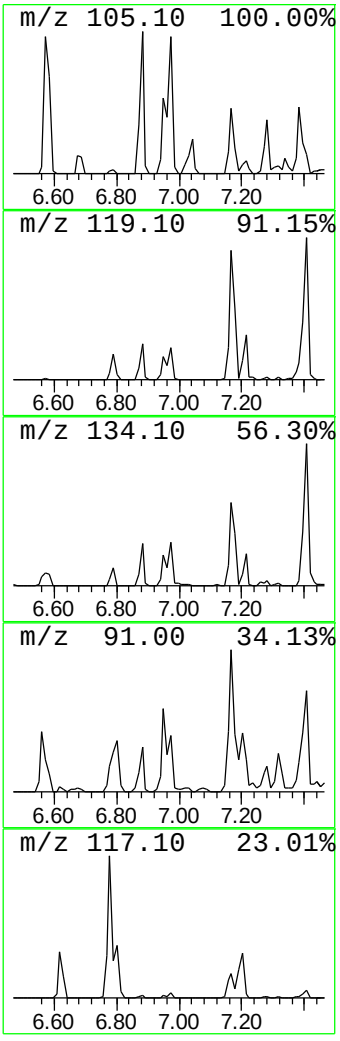
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.97 | 2.48 ng | 188846 | 1,4-Dichlorobenzene-d4 | 6.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 94 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 90 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 87 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 76 |
| 5 | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14 | 076089-59-3 | 76 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

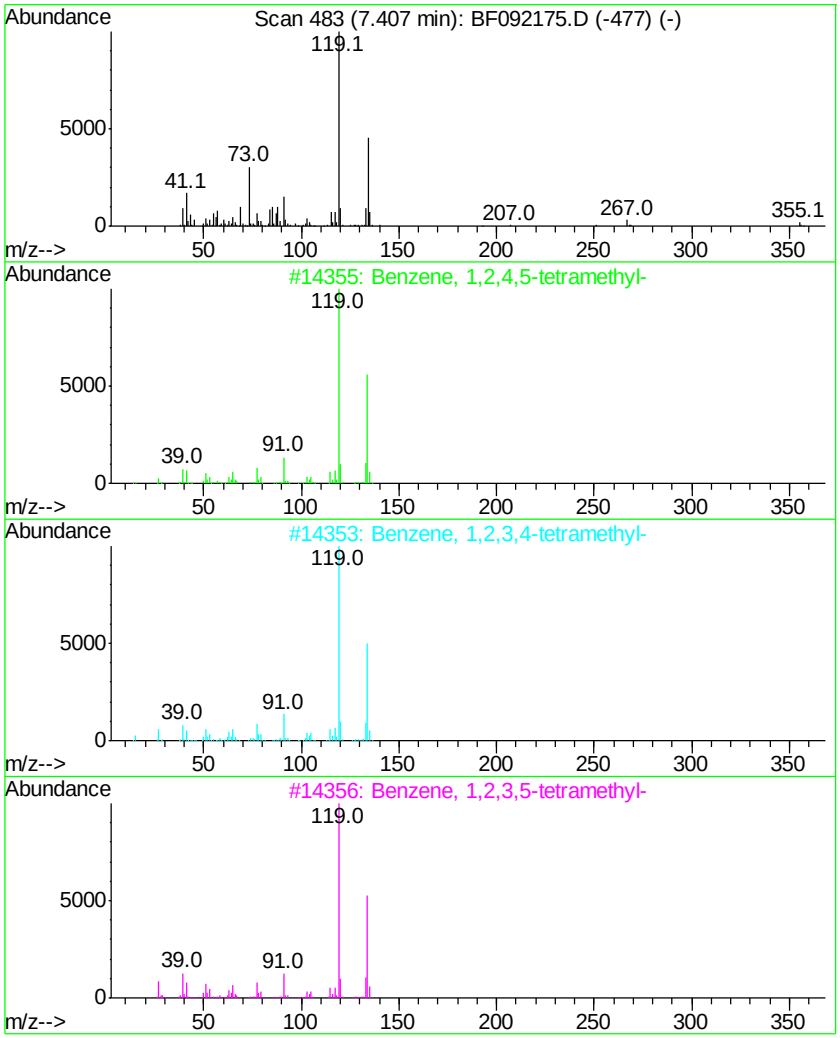
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

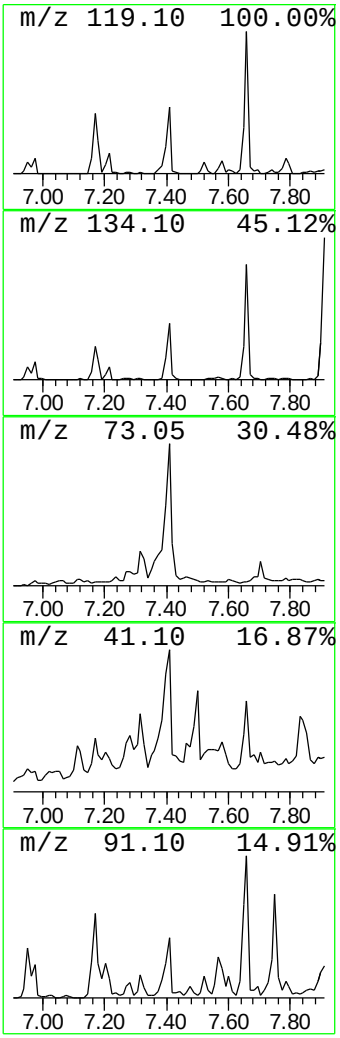
**********

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.41 | 4.22 ng | 615430 | Naphthalene-d8 | 7.91 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 93 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 93 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 5 | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14 | 000527-84-4 | 92 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

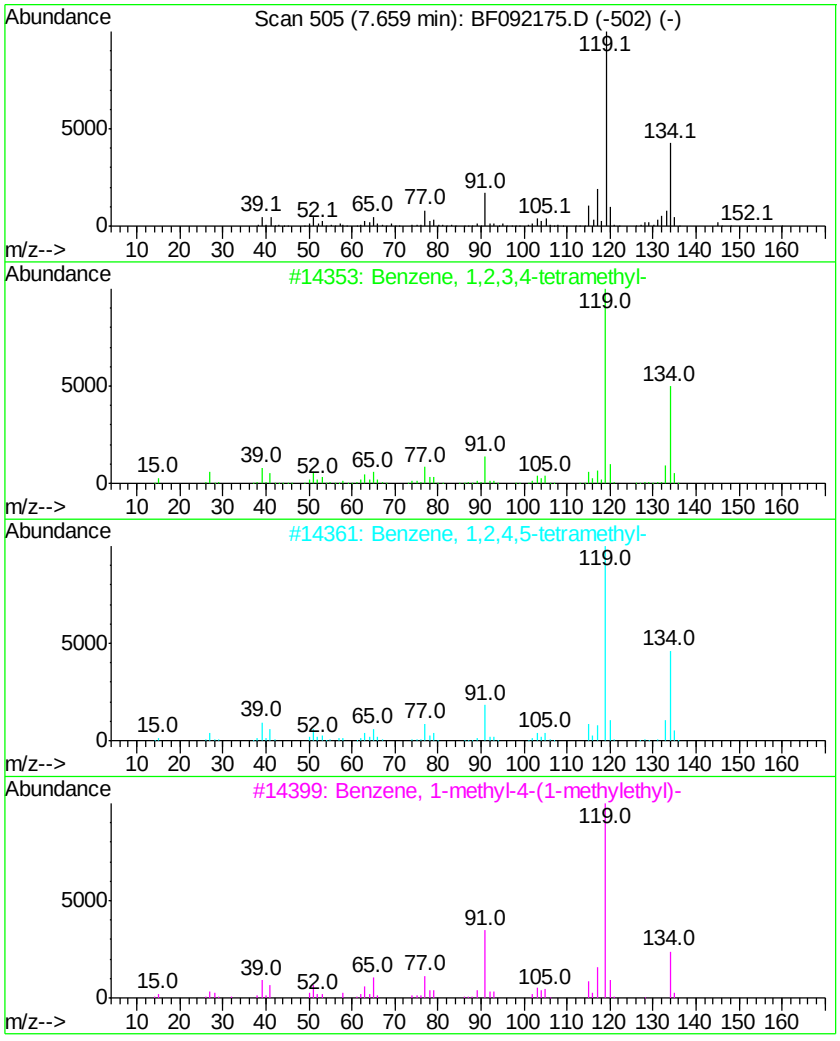
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

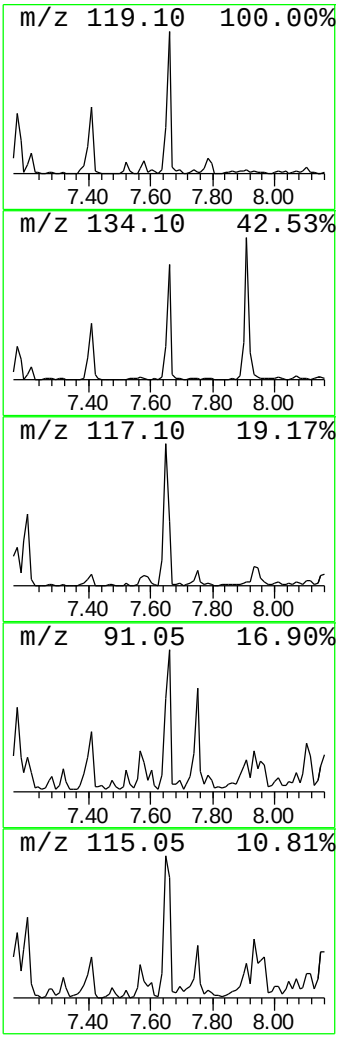
**********

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.66 | 5.79 ng | 843405 | Naphthalene-d8 | 7.91 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 3 | Benzene, 1-methyl-4-(1-methyleth... | 134 | C10H14 | 000099-87-6 | 90 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 90 |
| 5 | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14 | 000527-84-4 | 90 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

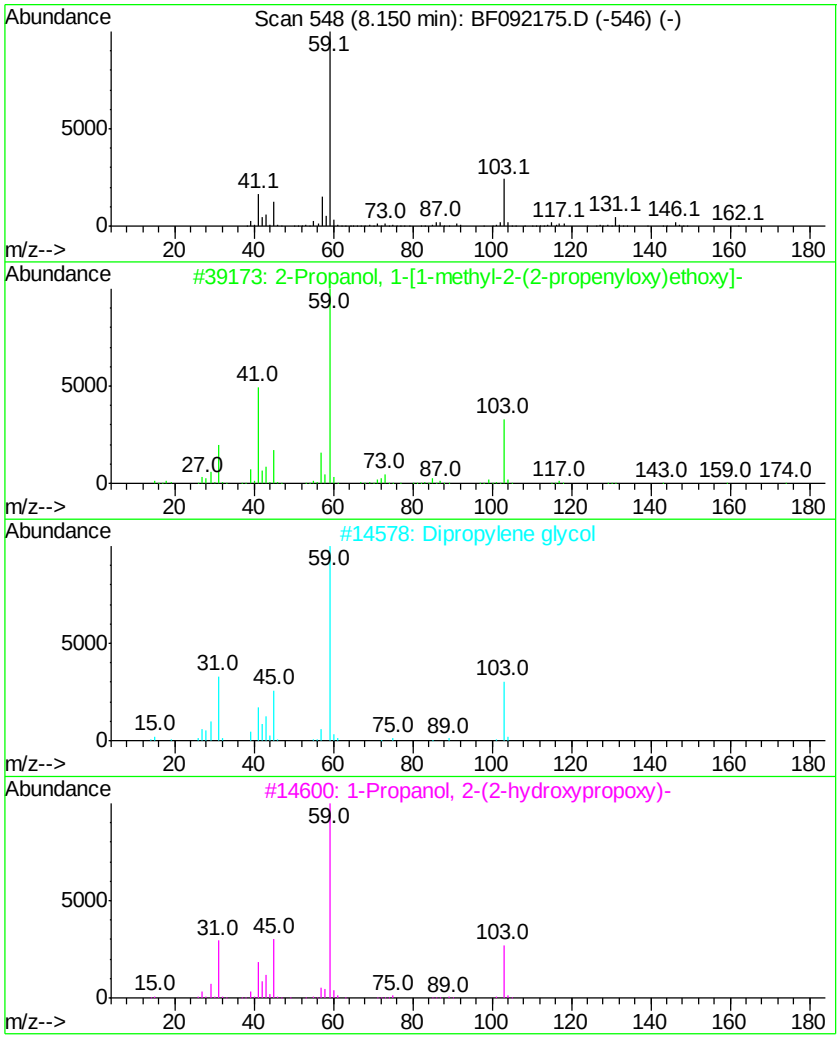
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

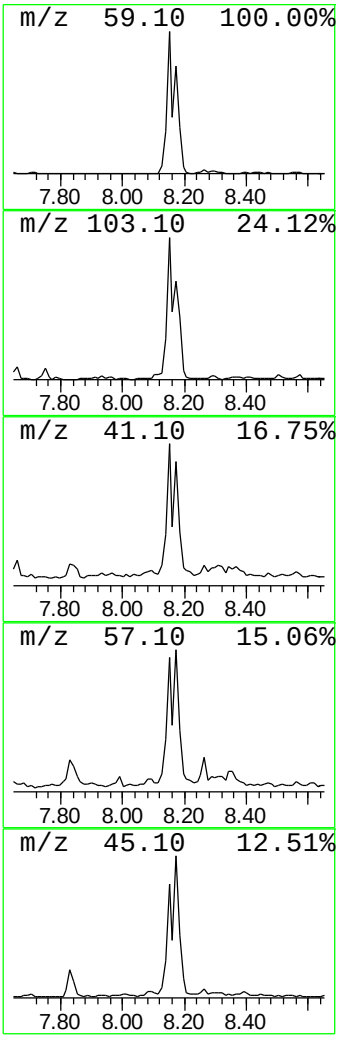
**********

Peak Number 8 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.15 | 6.57 ng | 957321 | Naphthalene-d8 | 7.91 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-[1-methyl-2-(2-pro... | 174 | C9H18O3 | 055956-25-7 | 78 |
| 2 | Dipropylene glycol | 134 | C6H14O3 | 025265-71-8 | 72 |
| 3 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 59 |
| 4 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 59 |
| 5 | Methane, diethoxy- | 104 | C5H12O2 | 000462-95-3 | 50 |



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Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

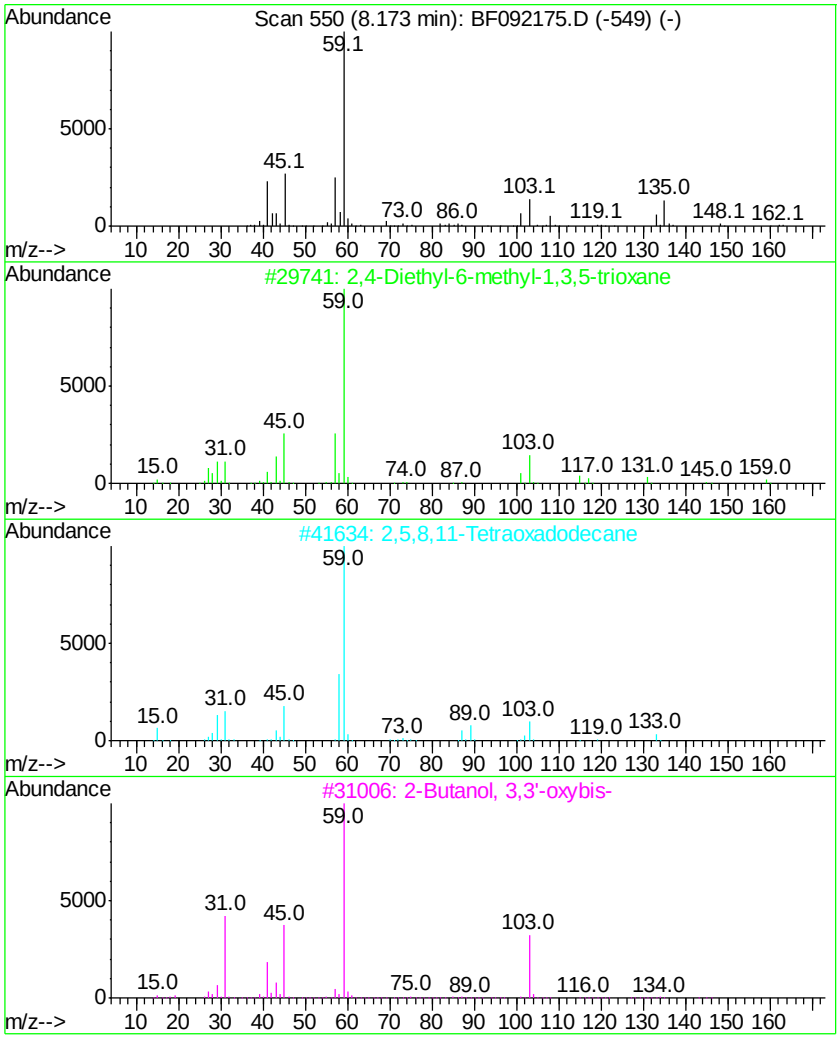
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

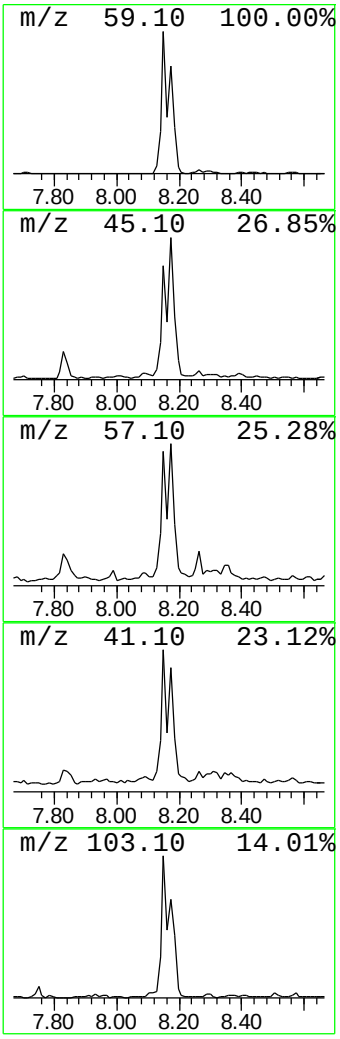
**********

Peak Number 9 2,4-Diethyl-6-methyl-1,3,5-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.17 | 7.43 ng | 1083420 | Naphthalene-d8 | 7.91 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Diethyl-6-methyl-1,3,5-trioxane | 160 | C8H16O3 | 117888-04-7 | 72 |
| 2 | 2,5,8,11-Tetraoxadodecane | 178 | C8H18O4 | 000112-49-2 | 64 |
| 3 | 2-Butanol, 3,3'-oxybis- | 162 | C8H18O3 | 054305-61-2 | 64 |
| 4 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 53 |
| 5 | 2-Propanol, 1-[2-(2-methoxy-1-me... | 206 | C10H22O4 | 020324-33-8 | 50 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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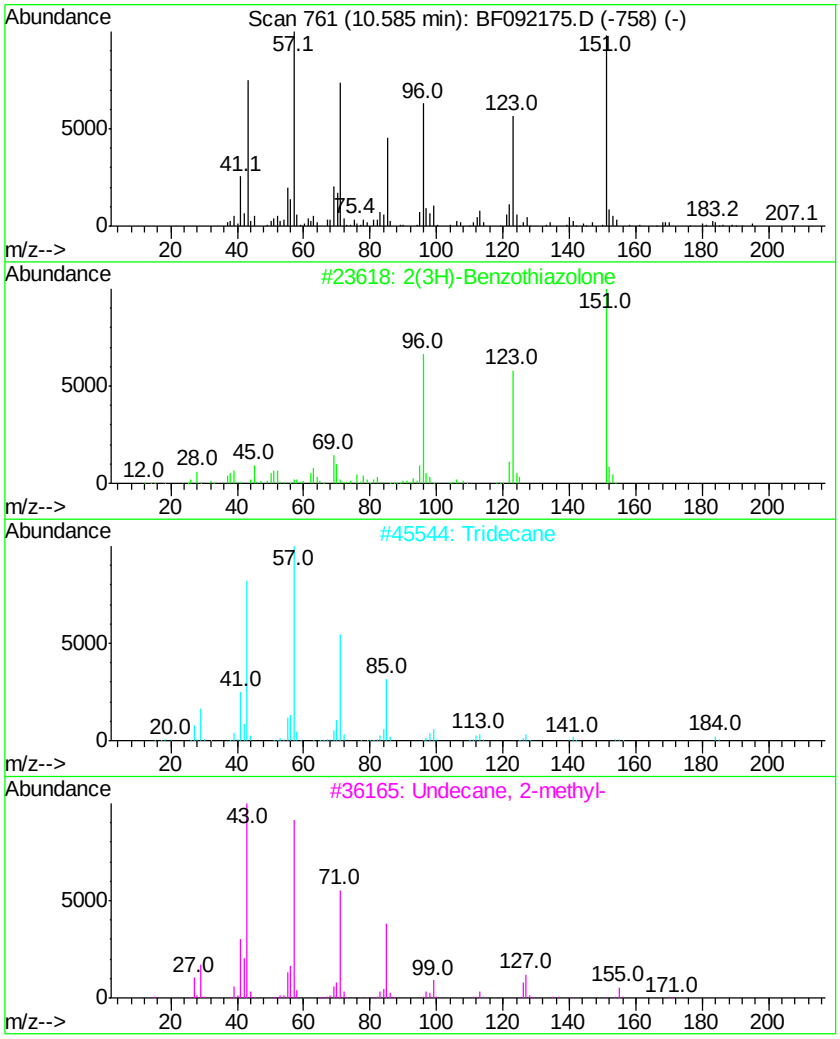
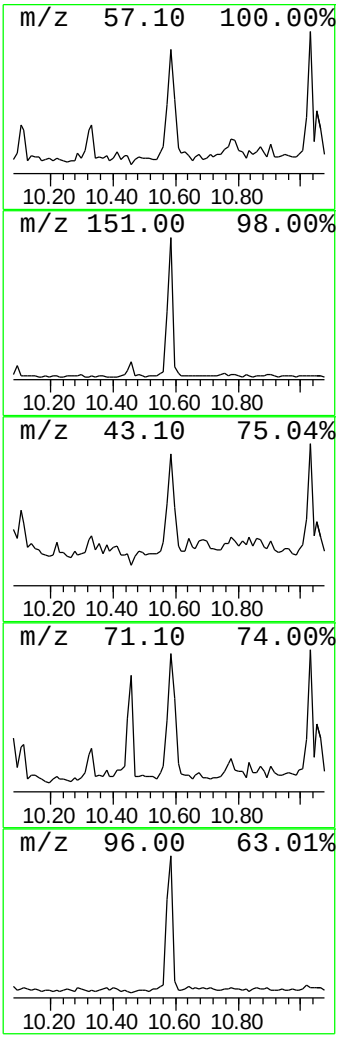
Peak Number 10 2(3H)-Benzothiazolone Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.58 | 4.06 ng | 399031 | Phenanthrene-d10 | 11.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(3H)-Benzothiazolone | 151 | C7H5NOS | 000934-34-9 | 55 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 42 |
| 3 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 38 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 38 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 38 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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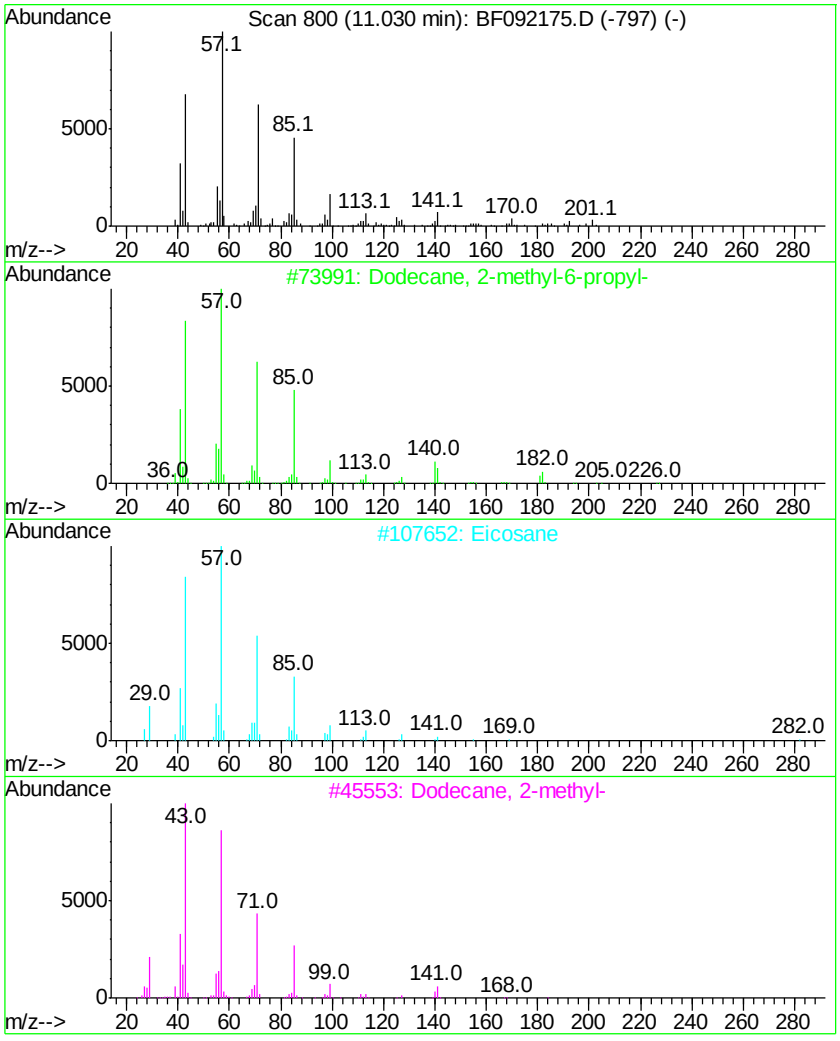
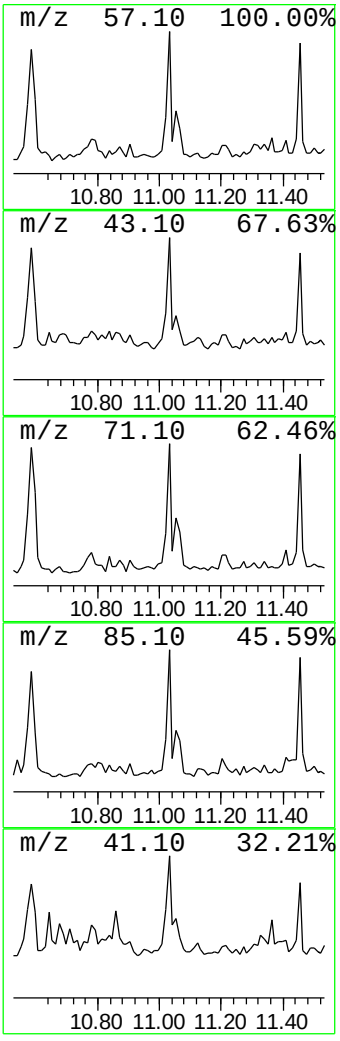
Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.03 | 3.78 ng | 371462 | Phenanthrene-d10 | 11.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 3 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 80 |
| 4 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 72 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 72 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

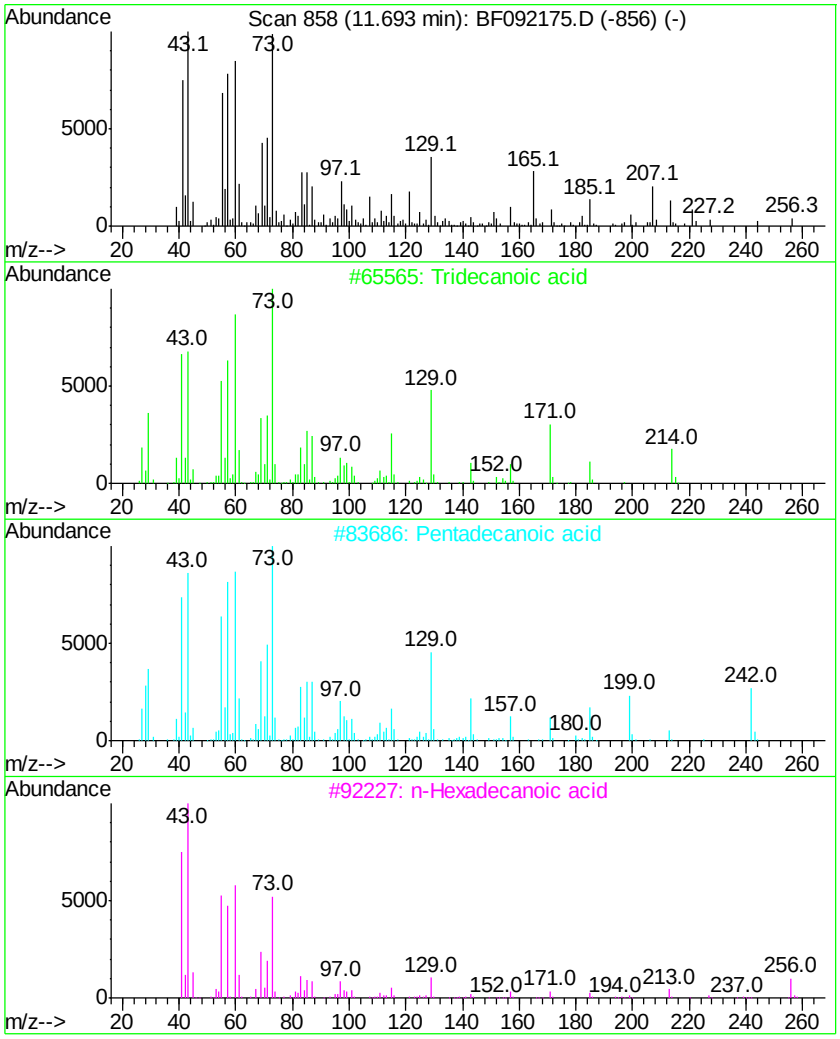
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

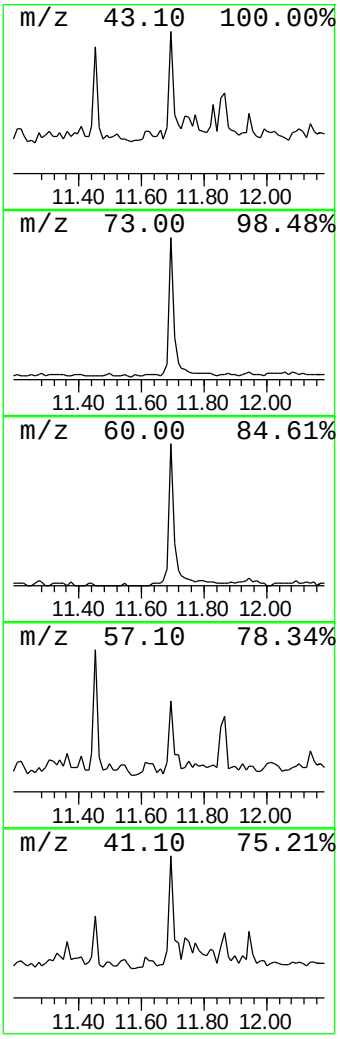
**********

Peak Number 12 Tridecanoic acid Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.69 | 3.42 ng | 336440 | Phenanthrene-d10 | 11.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 64 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 11 |
| 5 | l-Tyrosinol | 167 | C9H13NO2 | 1000131-27-0 | 11 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

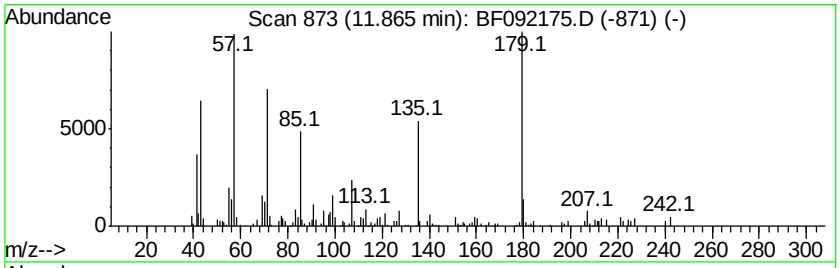
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

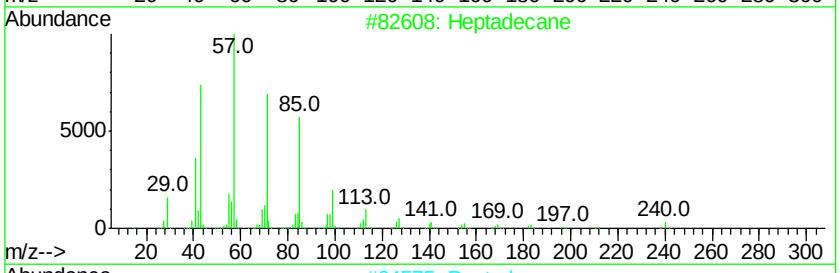
**********

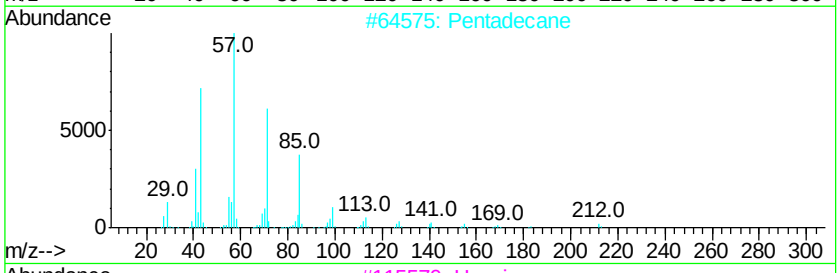
Peak Number 13 Heptadecane Concentration Rank 19

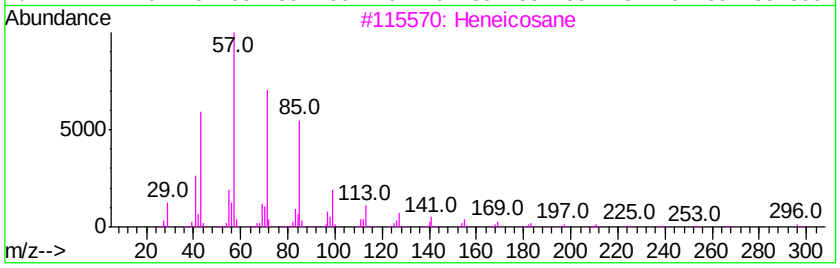
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.86 | 2.52 ng | 248226 | Phenanthrene-d10 | 11.14 |

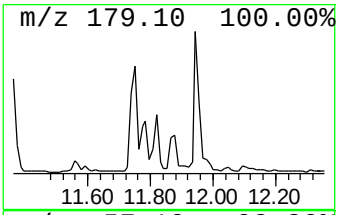
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 58 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 42 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 38 |
| 4 | Docosane | 310 | C22H46 | 000629-97-0 | 30 |
| 5 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 30 |

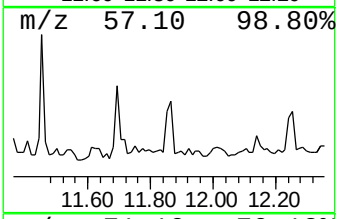


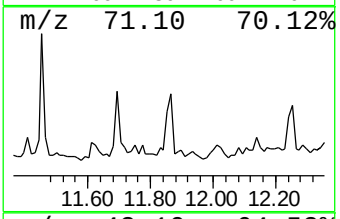



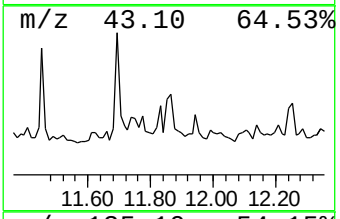



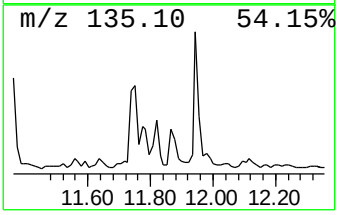



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

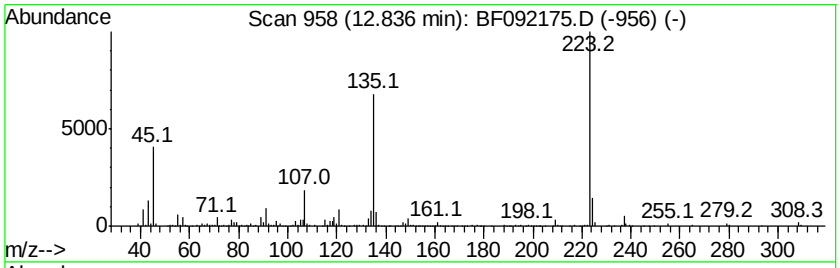
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

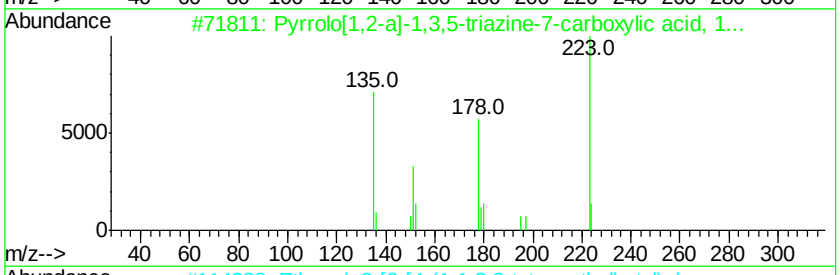
**********

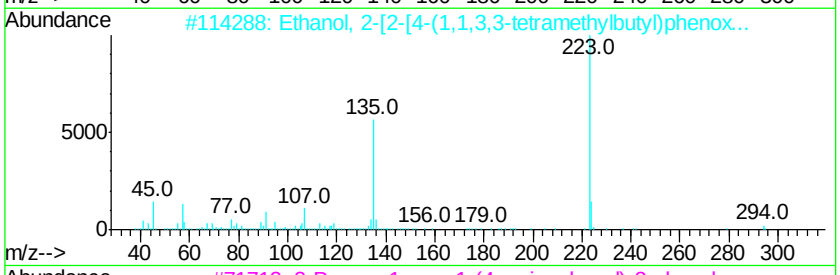
Peak Number 14 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 4

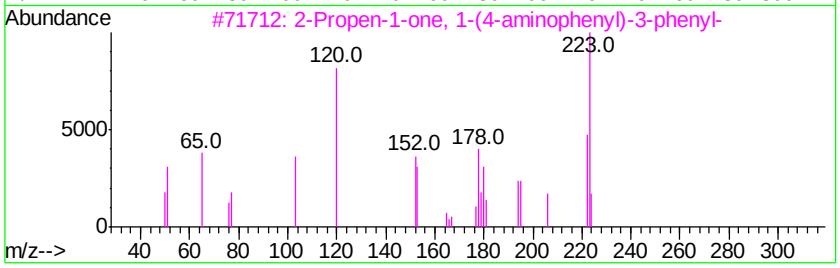
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.84 | 10.81 ng | 811113 | Chrysene-d12 | 13.77 |

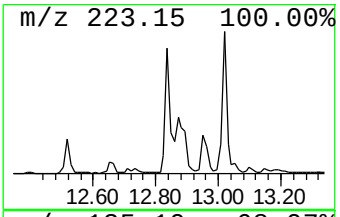
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrrolo[1,2-a]-1,3,5-triazine-7-... | 223 | C9H9N3O4 | 054449-89-7 | 80 |
| 2 | Ethanol, 2-[2-[4-(1,1,3,3-tetram... | 294 | C18H30O3 | 002315-61-9 | 64 |
| 3 | 2-Propen-1-one, 1-(4-aminophenyl... | 223 | C15H13NO | 002403-30-7 | 43 |
| 4 | Carbamic acid, N-(2-methoxypheny... | 223 | C11H13NO4 | 189012-16-6 | 35 |
| 5 | 2-Fluoro-4-cyanotoluene | 135 | C8H6FN | 170572-49-3 | 14 |

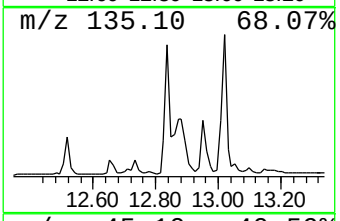


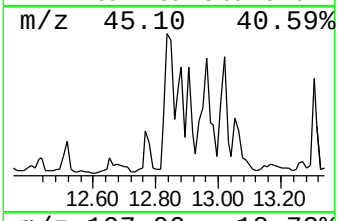



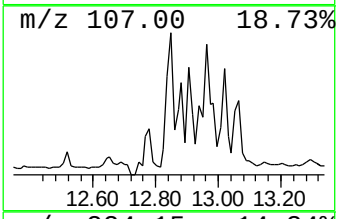



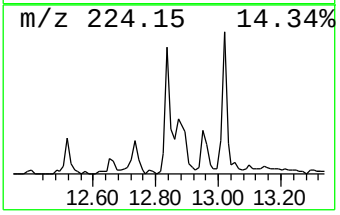



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

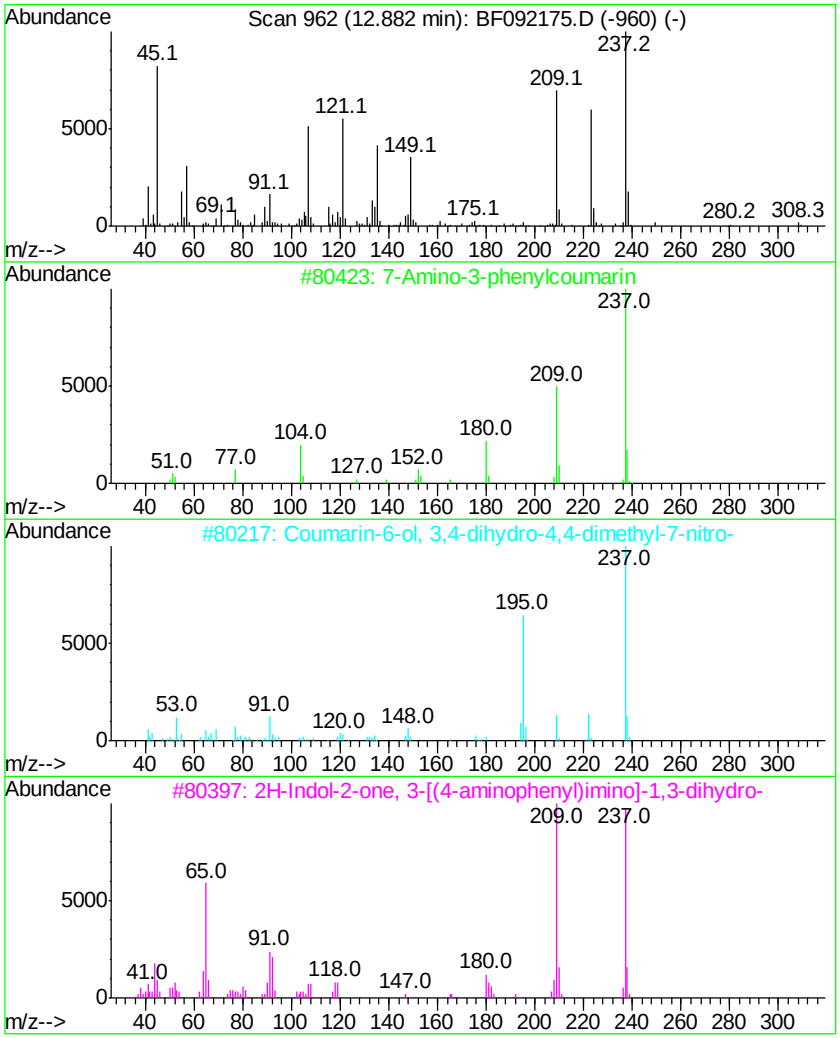
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

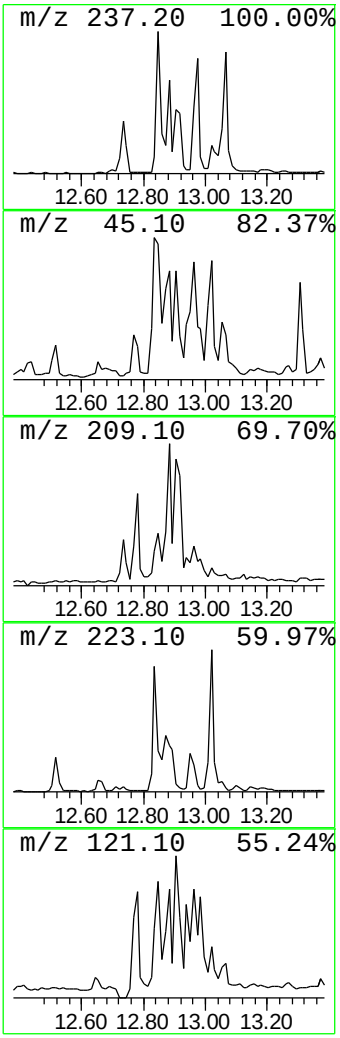
**********

Peak Number 15 unknown12.88 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.88 | 6.01 ng | 450805 | Chrysene-d12 | 13.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Amino-3-phenylcoumarin | 237 | C15H11NO2 | 004108-61-6 | 41 |
| 2 | Coumarin-6-ol, 3,4-dihydro-4,4-d... | 237 | C11H11NO5 | 1000126-61-0 | 14 |
| 3 | 2H-Indol-2-one, 3-[(4-aminophenyl... | 237 | C14H11N3O | 033829-07-1 | 12 |
| 4 | [1,2,4]Triazolo[1,5-b]isoquinoli... | 237 | C13H11N5 | 132011-89-3 | 12 |
| 5 | 2-Indolinone, 3-[(o-aminophenyl)... | 237 | C14H11N3O | 033829-08-2 | 12 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

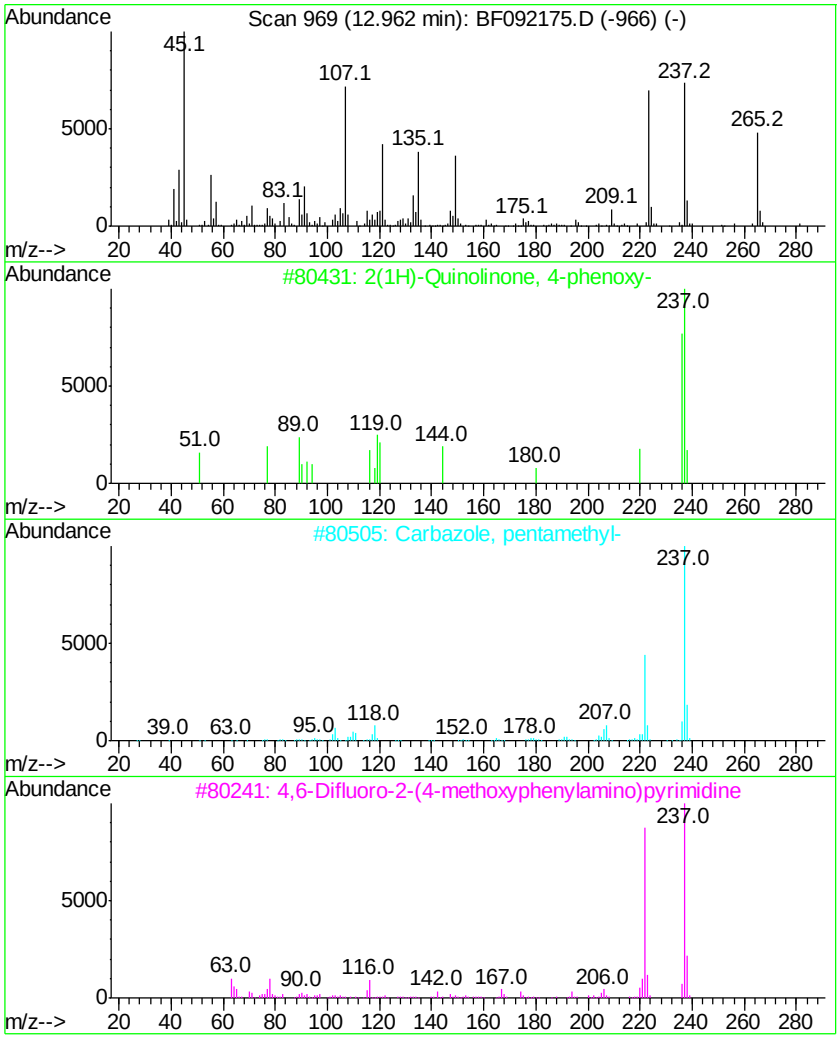
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

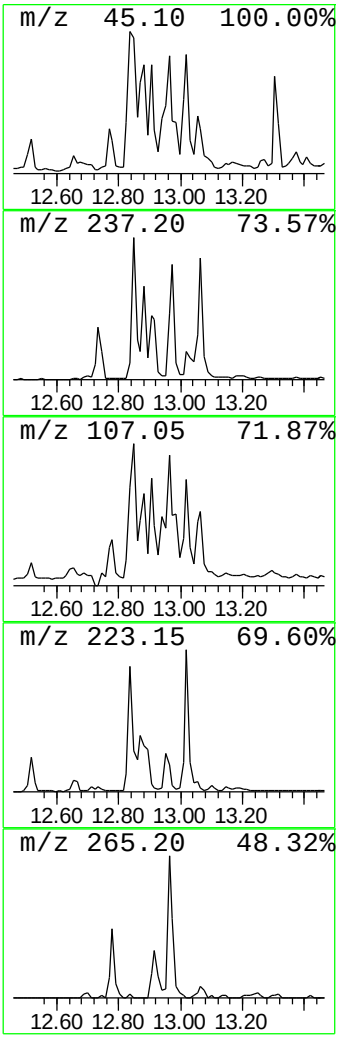
**********

Peak Number 16 unknown12.96 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.96 | 8.97 ng | 673405 | Chrysene-d12 | 13.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(1H)-Quinolinone, 4-phenoxy- | 237 | C15H11NO2 | 066662-28-0 | 18 |
| 2 | Carbazole, pentamethyl- | 237 | C17H19N | 027477-88-9 | 14 |
| 3 | 4,6-Difluoro-2-(4-methoxyphenyla... | 237 | C11H9F2N3O | 1000070-53-0 | 14 |
| 4 | 7-Amino-3-phenylcoumarin | 237 | C15H11NO2 | 004108-61-6 | 14 |
| 5 | Pyrido[2,3-d]pyrimidin-5(8H)-one... | 237 | C14H11N3O | 161465-98-1 | 11 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

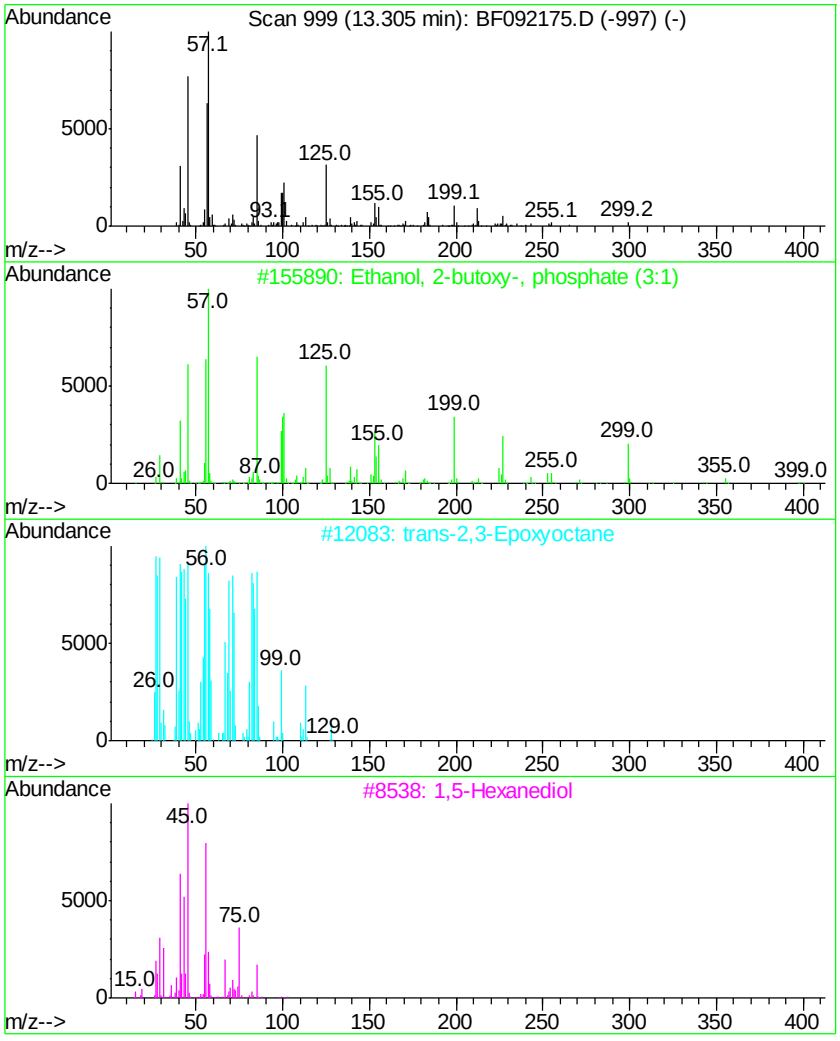
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

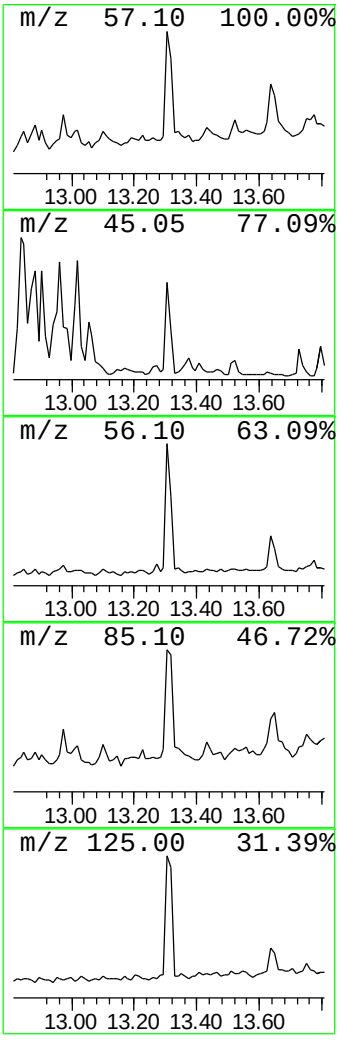
**********

Peak Number 18 Ethanol, 2-butoxy-, phospha... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.31 | 4.50 ng | 338124 | Chrysene-d12 | 13.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-butoxy-, phosphate (3:1) | 398 | C18H39O7P | 000078-51-3 | 87 |
| 2 | trans-2,3-Epoxyoctane | 128 | C8H16O | 028180-70-3 | 50 |
| 3 | 1,5-Hexanediol | 118 | C6H14O2 | 000928-40-5 | 32 |
| 4 | Di-sec-butyl ether | 130 | C8H18O | 006863-58-7 | 27 |
| 5 | Propane, 2-(chloromethyl)-1,3-di... | 166 | C7H15ClO2 | 020637-37-0 | 25 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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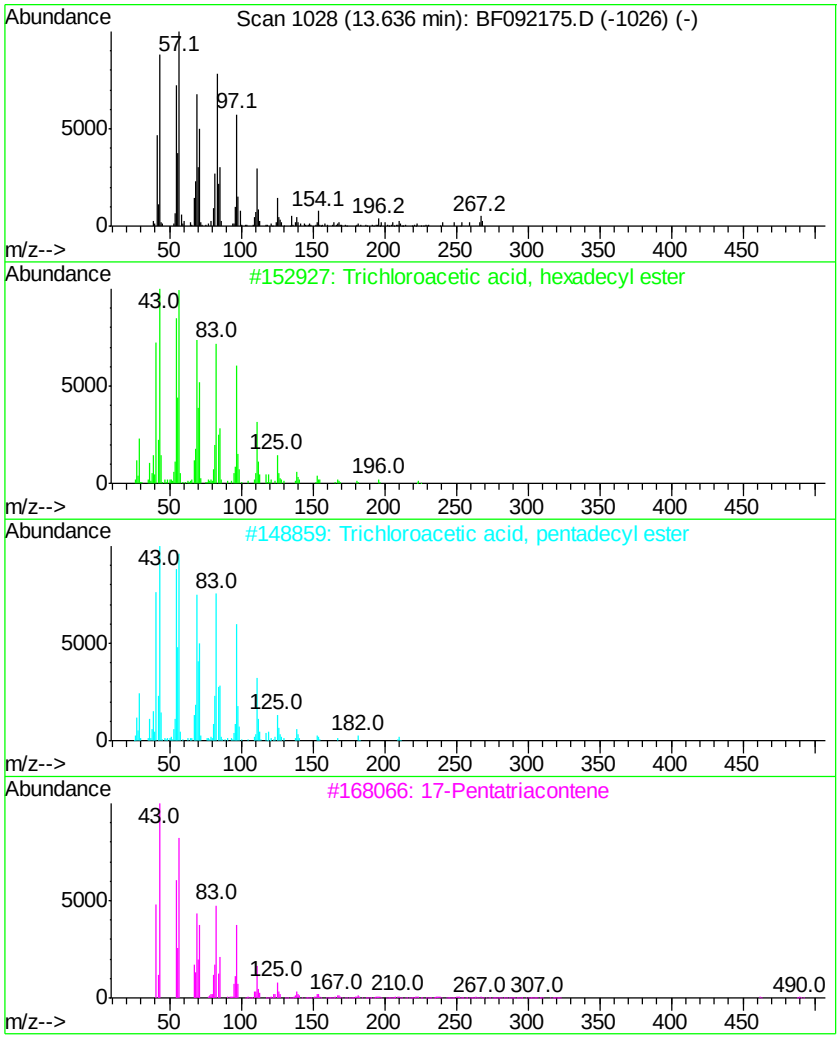
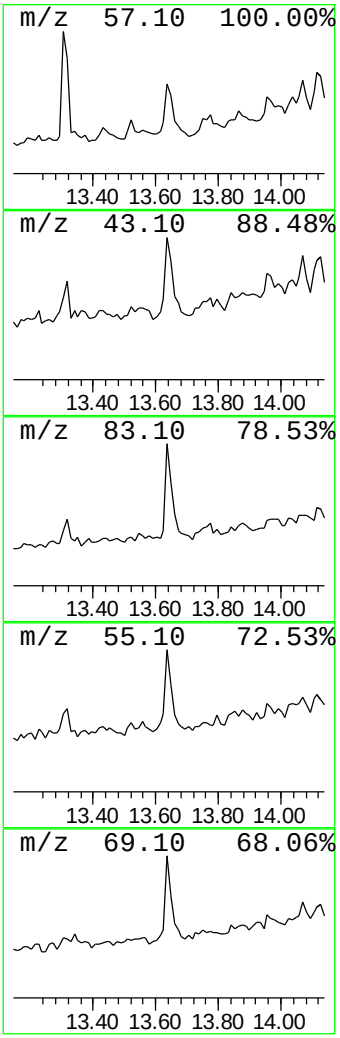
Peak Number 19 Trichloroacetic acid, hexad... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.64 | 3.34 ng | 250696 | Chrysene-d12 | 13.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94 |
| 2 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 94 |
| 3 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 91 |
| 4 | 13-Tetradecen-1-ol acetate | 254 | C16H30O2 | 056221-91-1 | 90 |
| 5 | 1-Octadecanol | 270 | C18H38O | 000112-92-5 | 87 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

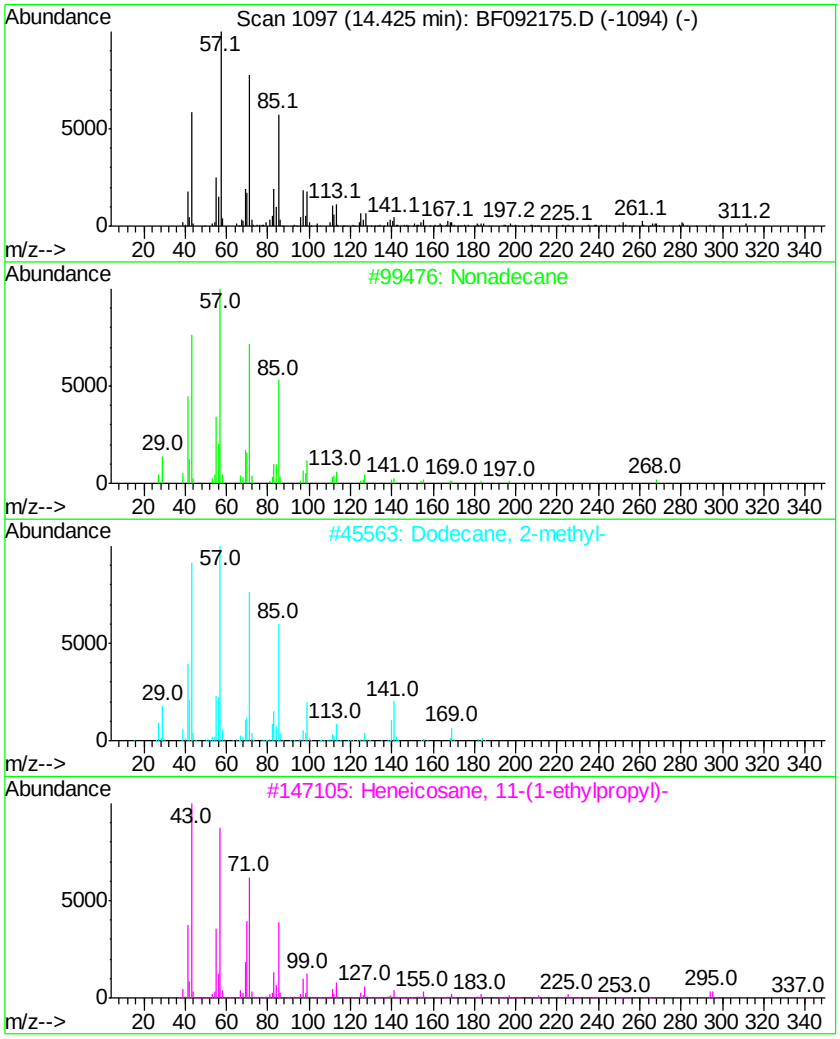
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

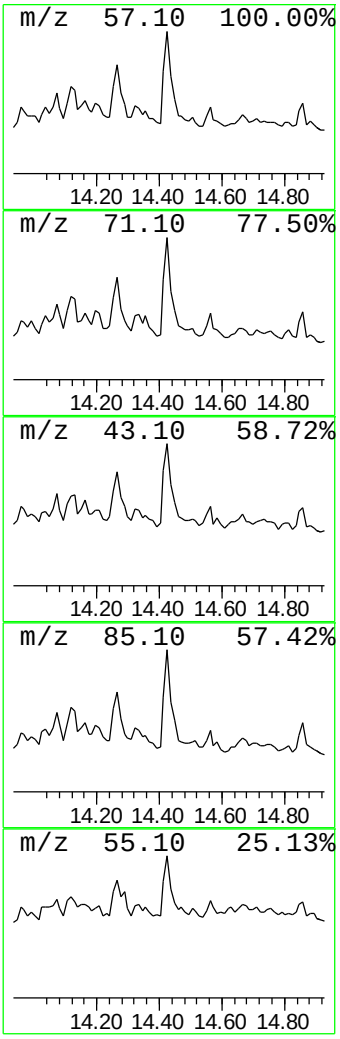
**********

Peak Number 20 Nonadecane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.43 | 5.36 ng | 402328 | Chrysene-d12 | 13.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 2 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 90 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 90 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
Data File : BF092175.D
Acq On : 10 Jan 2017 12:12
Operator : UM/SJ
Sample : I1055-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** W-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Hexanone | 2.72 | 3.2 | ng | 245853 | 1 | 6.62 | 1522370 | 20.0 |
| 2-Pentanone, 4-hy... | 4.76 | 11.9 | ng | 906001 | 1 | 6.62 | 1522370 | 20.0 |
| unknown6.40 | 6.40 | 69.1 | ng | 5257930 | 1 | 6.62 | 1522370 | 20.0 |
| Benzene, 1,2-diet... | 6.97 | 2.5 | ng | 188846 | 1 | 6.62 | 1522370 | 20.0 |
| Benzene, 1,2,4,5-... | 7.41 | 4.2 | ng | 615430 | 2 | 7.91 | 2915290 | 20.0 |
| Benzene, 1,2,3,4-... | 7.66 | 5.8 | ng | 843405 | 2 | 7.91 | 2915290 | 20.0 |
| 2-Propanol, 1-[1-... | 8.15 | 6.6 | ng | 957321 | 2 | 7.91 | 2915290 | 20.0 |
| 2,4-Diethyl-6-met... | 8.17 | 7.4 | ng | 1083420 | 2 | 7.91 | 2915290 | 20.0 |
| 2(3H)-Benzothiazo... | 10.58 | 4.1 | ng | 399031 | 4 | 11.14 | 1967360 | 20.0 |
| Dodecane, 2-methy... | 11.03 | 3.8 | ng | 371462 | 4 | 11.14 | 1967360 | 20.0 |
| Tridecanoic acid | 11.69 | 3.4 | ng | 336440 | 4 | 11.14 | 1967360 | 20.0 |
| Heptadecane | 11.86 | 2.5 | ng | 248226 | 4 | 11.14 | 1967360 | 20.0 |
| Pyrrolo[1,2-a]-1,... | 12.84 | 10.8 | ng | 811113 | 5 | 13.77 | 1501140 | 20.0 |
| unknown12.88 | 12.88 | 6.0 | ng | 450805 | 5 | 13.77 | 1501140 | 20.0 |
| unknown12.96 | 12.96 | 9.0 | ng | 673405 | 5 | 13.77 | 1501140 | 20.0 |
| Ethanol, 2-butoxy... | 13.31 | 4.5 | ng | 338124 | 5 | 13.77 | 1501140 | 20.0 |
| Trichloroacetic a... | 13.64 | 3.3 | ng | 250696 | 5 | 13.77 | 1501140 | 20.0 |
| Nonadecane | 14.43 | 5.4 | ng | 402328 | 5 | 13.77 | 1501140 | 20.0 |