LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

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-BF123115.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 | 4.956 | 247 | 251 | 253 | rBV | 2561374 | 4639898 | 29.38% | 0.891% |
| 2 | 5.378 | 286 | 288 | 291 | rVB | 4450142 | 4790033 | 30.33% | 0.920% |
| 3 | 5.527 | 299 | 301 | 303 | rBV2 | 808841 | 1121001 | 7.10% | 0.215% |
| 4 | 5.573 | 303 | 305 | 306 | rVB | 855357 | 1109756 | 7.03% | 0.213% |
| 5 | 5.607 | 306 | 308 | 312 | rVB2 | 718966 | 1199841 | 7.60% | 0.230% |
| 6 | 5.676 | 312 | 314 | 317 | rBV | 2216386 | 2368475 | 15.00% | 0.455% |
| 7 | 5.779 | 319 | 323 | 325 | rBV2 | 1493278 | 2268639 | 14.37% | 0.436% |
| 8 | 5.836 | 325 | 328 | 332 | rBV4 | 680490 | 1890514 | 11.97% | 0.363% |
| 9 | 5.916 | 333 | 335 | 338 | rVB | 1808891 | 2640385 | 16.72% | 0.507% |
| 10 | 5.973 | 338 | 340 | 343 | rBV3 | 816543 | 1971414 | 12.48% | 0.379% |
| 11 | 6.019 | 343 | 344 | 348 | rBV2 | 3689250 | 5125253 | 32.46% | 0.984% |
| 12 | 6.076 | 348 | 349 | 358 | rVB2 | 2079349 | 5719649 | 36.22% | 1.098% |
| 13 | 6.213 | 358 | 361 | 363 | rBV2 | 2432308 | 3589028 | 22.73% | 0.689% |
| 14 | 6.281 | 366 | 367 | 368 | rBV | 2041839 | 1927449 | 12.21% | 0.370% |
| 15 | 6.316 | 368 | 370 | 374 | rVB2 | 3395629 | 6073304 | 38.46% | 1.166% |
| 16 | 6.373 | 374 | 375 | 377 | rBV2 | 3054654 | 3855309 | 24.41% | 0.740% |
| 17 | 6.430 | 377 | 380 | 381 | rBV | 5010481 | 5459467 | 34.57% | 1.048% |
| 18 | 6.453 | 381 | 382 | 386 | rVB3 | 1722274 | 3050580 | 19.32% | 0.586% |
| 19 | 6.556 | 386 | 391 | 394 | rBV3 | 5537748 | 12418511 | 78.64% | 2.384% |
| 20 | 6.636 | 394 | 398 | 400 | rVB2 | 6586274 | 10918482 | 69.14% | 2.096% |
| 21 | 6.727 | 403 | 406 | 407 | rBV2 | 1216119 | 2234263 | 14.15% | 0.429% |
| 22 | 6.784 | 408 | 411 | 412 | rBV2 | 2046364 | 2653097 | 16.80% | 0.509% |
| 23 | 6.807 | 412 | 413 | 415 | rVB2 | 5005107 | 5191121 | 32.87% | 0.997% |
| 24 | 6.853 | 415 | 417 | 419 | rBV2 | 2394738 | 4435251 | 28.09% | 0.852% |
| 25 | 6.910 | 419 | 422 | 423 | rBV3 | 1435972 | 2143071 | 13.57% | 0.411% |
| 26 | 6.944 | 423 | 425 | 427 | rBV2 | 5563940 | 6536595 | 41.39% | 1.255% |
| 27 | 6.979 | 427 | 428 | 429 | rVB | 1604971 | 1100208 | 6.97% | 0.211% |
| 28 | 7.036 | 429 | 433 | 434 | rBV3 | 2349561 | 5567056 | 35.25% | 1.069% |
| 29 | 7.070 | 434 | 436 | 438 | rVB3 | 2973370 | 4450411 | 28.18% | 0.855% |
| 30 | 7.104 | 438 | 439 | 441 | rVB2 | 2677874 | 2778362 | 17.59% | 0.533% |
| 31 | 7.139 | 441 | 442 | 444 | rVB | 3688784 | 3507897 | 22.21% | 0.674% |
| 32 | 7.184 | 444 | 446 | 451 | rBV | 7055362 | 8990017 | 56.93% | 1.726% |
| 33 | 7.287 | 451 | 455 | 456 | rBV3 | 1204652 | 2216663 | 14.04% | 0.426% |
| 34 | 7.333 | 456 | 459 | 462 | rBV4 | 4544241 | 10638149 | 67.37% | 2.043% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.402 | 462 | 465 | 467 | rBV2 | 5492030 | 8315005 | 52.65% | 1.597% |
| 36 | 7.447 | 467 | 469 | 471 | rVB2 | 3771534 | 5254897 | 33.28% | 1.009% |
| 37 | 7.482 | 471 | 472 | 473 | rBV | 1779751 | 2175264 | 13.77% | 0.418% |
| 38 | 7.516 | 473 | 475 | 477 | rVB2 | 3911117 | 4136735 | 26.20% | 0.794% |
| 39 | 7.550 | 477 | 478 | 480 | rBV2 | 1441663 | 2448775 | 15.51% | 0.470% |
| 40 | 7.607 | 480 | 483 | 485 | rVB2 | 5196031 | 9219643 | 58.38% | 1.770% |
| 41 | 7.722 | 487 | 493 | 495 | rBV5 | 4402755 | 13237252 | 83.82% | 2.542% |
| 42 | 7.767 | 495 | 497 | 499 | rVB2 | 3043557 | 3798216 | 24.05% | 0.729% |
| 43 | 7.813 | 499 | 501 | 502 | rBV2 | 3222555 | 5038270 | 31.90% | 0.967% |
| 44 | 7.847 | 502 | 504 | 506 | rVB2 | 3218985 | 3357643 | 21.26% | 0.645% |
| 45 | 7.904 | 506 | 509 | 512 | rVB4 | 3488111 | 9227511 | 58.43% | 1.772% |
| 46 | 7.950 | 512 | 513 | 514 | rBV | 1886826 | 1783560 | 11.29% | 0.342% |
| 47 | 7.984 | 514 | 516 | 518 | rVB2 | 2352743 | 3120699 | 19.76% | 0.599% |
| 48 | 8.042 | 518 | 521 | 522 | rBV2 | 4121681 | 6723387 | 42.58% | 1.291% |
| 49 | 8.076 | 522 | 524 | 526 | rVV2 | 7653680 | 8990615 | 56.93% | 1.726% |
| 50 | 8.133 | 527 | 529 | 530 | rVV2 | 2635705 | 3090487 | 19.57% | 0.593% |
| 51 | 8.156 | 530 | 531 | 532 | rVB | 4013668 | 2782791 | 17.62% | 0.534% |
| 52 | 8.282 | 537 | 542 | 544 | rBV4 | 4077854 | 11761261 | 74.48% | 2.258% |
| 53 | 8.327 | 544 | 546 | 547 | rBV2 | 2287325 | 2063666 | 13.07% | 0.396% |
| 54 | 8.385 | 547 | 551 | 555 | rVV7 | 4347239 | 12550640 | 79.48% | 2.410% |
| 55 | 8.442 | 555 | 556 | 557 | rVV | 4090778 | 3352458 | 21.23% | 0.644% |
| 56 | 8.476 | 557 | 559 | 560 | rVV | 4418165 | 4797189 | 30.38% | 0.921% |
| 57 | 8.522 | 560 | 563 | 567 | rVB3 | 6808530 | 12161067 | 77.01% | 2.335% |
| 58 | 8.590 | 567 | 569 | 571 | rBV2 | 3843696 | 4942642 | 31.30% | 0.949% |
| 59 | 8.636 | 571 | 573 | 575 | rVV3 | 1825091 | 3635491 | 23.02% | 0.698% |
| 60 | 8.693 | 575 | 578 | 580 | rVV3 | 7220579 | 12093473 | 76.58% | 2.322% |
| 61 | 8.750 | 581 | 583 | 584 | rVV | 4609789 | 6544155 | 41.44% | 1.257% |
| 62 | 8.785 | 584 | 586 | 588 | rVB3 | 4290185 | 5971152 | 37.81% | 1.147% |
| 63 | 8.922 | 596 | 598 | 601 | rVB2 | 3910223 | 4446065 | 28.15% | 0.854% |
| 64 | 8.979 | 601 | 603 | 606 | rBV4 | 2447520 | 4356160 | 27.59% | 0.836% |
| 65 | 9.059 | 609 | 610 | 611 | rVB | 3495366 | 2397821 | 15.18% | 0.460% |
| 66 | 9.127 | 612 | 616 | 618 | rBV3 | 6287020 | 8768205 | 55.52% | 1.684% |
| 67 | 9.162 | 618 | 619 | 622 | rVB3 | 2122995 | 2268037 | 14.36% | 0.435% |
| 68 | 9.207 | 622 | 623 | 624 | rVB | 2038127 | 1398155 | 8.85% | 0.268% |
| 69 | 9.265 | 624 | 628 | 630 | rBV | 6834488 | 13713772 | 86.84% | 2.633% |
| 70 | 9.322 | 630 | 633 | 636 | rVB3 | 3863693 | 8010041 | 50.72% | 1.538% |
| 71 | 9.379 | 636 | 638 | 640 | rVB3 | 1377921 | 1776284 | 11.25% | 0.341% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.425 | 640 | 642 | 645 | rBV4 | 2311502 | 4867483 | 30.82% | 0.935% |
| 73 | 9.516 | 645 | 650 | 653 | rBV7 | 3836059 | 12322034 | 78.03% | 2.366% |
| 74 | 9.585 | 653 | 656 | 659 | rVV4 | 6262904 | 15791570 | 100.00% | 3.032% |
| 75 | 9.642 | 659 | 661 | 662 | rVB | 3806067 | 3989590 | 25.26% | 0.766% |
| 76 | 9.768 | 670 | 672 | 673 | rBV2 | 1736721 | 2199787 | 13.93% | 0.422% |
| 77 | 9.802 | 673 | 675 | 676 | rVB | 7245199 | 7629805 | 48.32% | 1.465% |
| 78 | 9.836 | 676 | 678 | 681 | rBV3 | 3157857 | 5692557 | 36.05% | 1.093% |
| 79 | 9.962 | 687 | 689 | 691 | rVB2 | 2233685 | 2731222 | 17.30% | 0.524% |
| 80 | 10.030 | 692 | 695 | 696 | rBV | 2665850 | 4943488 | 31.30% | 0.949% |
| 81 | 10.122 | 701 | 703 | 704 | rVB | 3172432 | 3558867 | 22.54% | 0.683% |
| 82 | 10.305 | 716 | 719 | 720 | rVB | 6603721 | 8031684 | 50.86% | 1.542% |
| 83 | 10.522 | 735 | 738 | 740 | rVV | 5065936 | 7016968 | 44.43% | 1.347% |
| 84 | 10.602 | 743 | 745 | 746 | rBV | 2131411 | 2075442 | 13.14% | 0.399% |
| 85 | 10.636 | 746 | 748 | 750 | rVB3 | 2195309 | 3397576 | 21.52% | 0.652% |
| 86 | 10.796 | 758 | 762 | 764 | rBV2 | 5917202 | 14945982 | 94.65% | 2.870% |
| 87 | 11.219 | 797 | 799 | 800 | rBV | 5488738 | 5969239 | 37.80% | 1.146% |
| 88 | 11.253 | 800 | 802 | 804 | rVB | 5760725 | 6440562 | 40.78% | 1.237% |
| 89 | 11.642 | 834 | 836 | 839 | rBV | 5459587 | 5309462 | 33.62% | 1.019% |
| 90 | 12.042 | 869 | 871 | 875 | rVB | 5143614 | 7363149 | 46.63% | 1.414% |
| 91 | 12.316 | 893 | 895 | 899 | rVV | 1719415 | 2671897 | 16.92% | 0.513% |
| 92 | 12.385 | 899 | 901 | 903 | rVV2 | 2256223 | 2940918 | 18.62% | 0.565% |
| 93 | 12.431 | 903 | 905 | 907 | rVB | 5908788 | 5952563 | 37.69% | 1.143% |
| 94 | 12.796 | 935 | 937 | 938 | rVB | 5254212 | 4632151 | 29.33% | 0.889% |
| 95 | 12.911 | 945 | 947 | 951 | rVB | 3867777 | 4899054 | 31.02% | 0.941% |
| 96 | 13.139 | 965 | 967 | 969 | rVV | 2296229 | 3308845 | 20.95% | 0.635% |
| 97 | 13.185 | 969 | 971 | 976 | rVB4 | 549244 | 1259938 | 7.98% | 0.242% |
| 98 | 13.482 | 995 | 997 | 1004 | rVB | 2435724 | 2800616 | 17.73% | 0.538% |
| 99 | 13.814 | 1024 | 1026 | 1033 | rVB | 1181471 | 1883181 | 11.93% | 0.362% |
| 100 | 13.951 | 1036 | 1038 | 1042 | rVB2 | 1427456 | 1892411 | 11.98% | 0.363% |

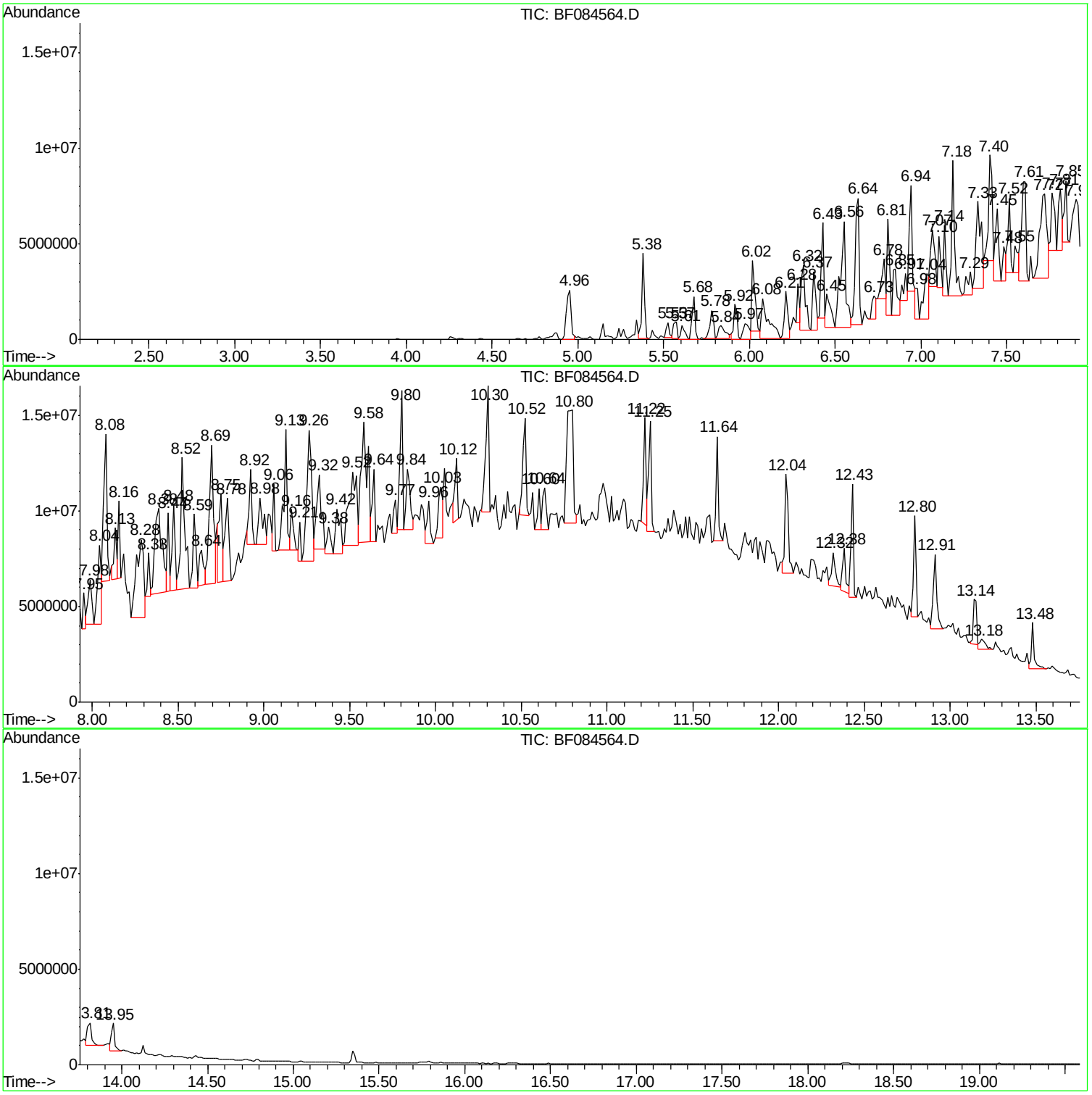
Sum of corrected areas: 520805674

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

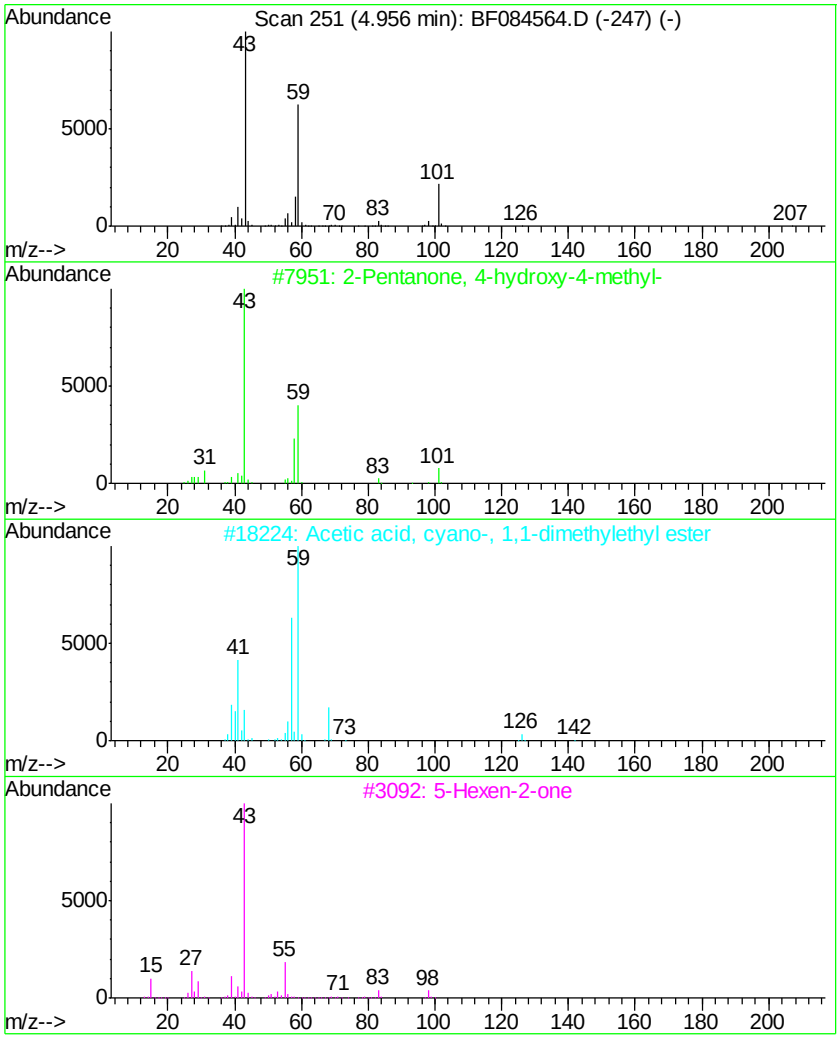
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

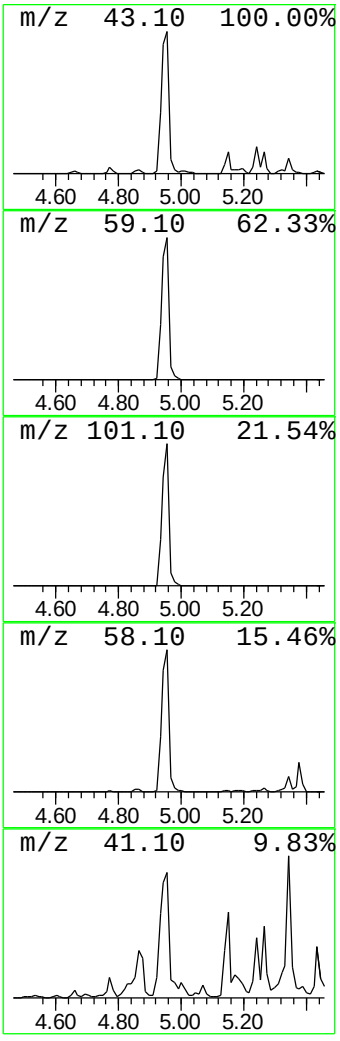
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.96 | 34.98 ng | 4639900 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 32 |
| 3 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 4 | 2-Propyn-1-ol, acetate | 98 | C5H6O2 | 000627-09-8 | 9 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

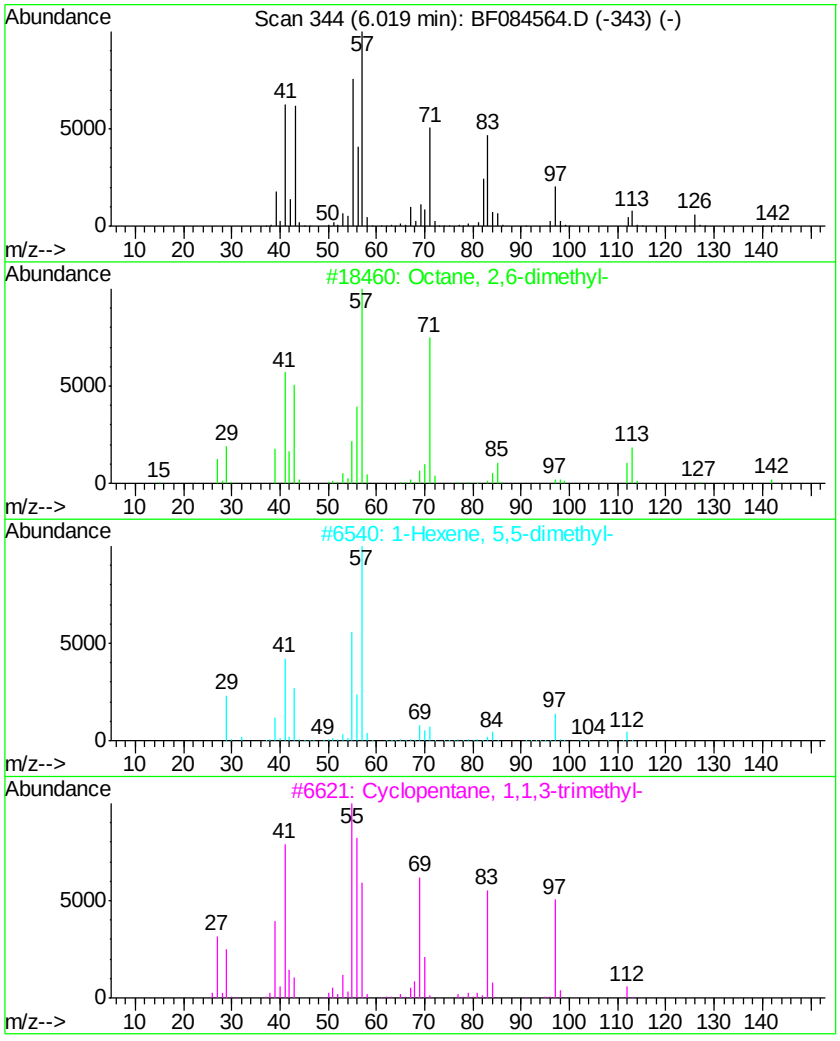
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

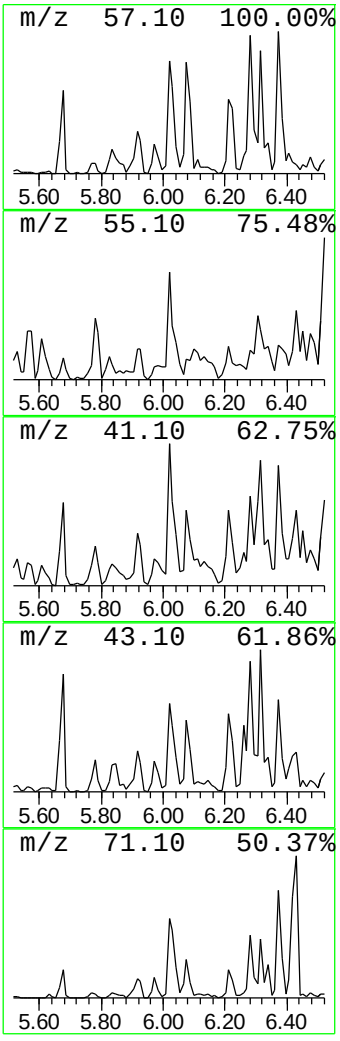
**********

Peak Number 2 unknown6.02 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.02 | 38.64 ng | 5125250 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 38 |
| 2 | 1-Hexene, 5,5-dimethyl- | 112 | C8H16 | 007116-86-1 | 38 |
| 3 | Cyclopentane, 1,1,3-trimethyl- | 112 | C8H16 | 004516-69-2 | 35 |
| 4 | Oxirane, (3-methylbutyl)- | 114 | C7H14O | 053229-41-7 | 35 |
| 5 | Methylamine, N-(1-methylhexylide... | 127 | C8H17N | 022058-71-5 | 30 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

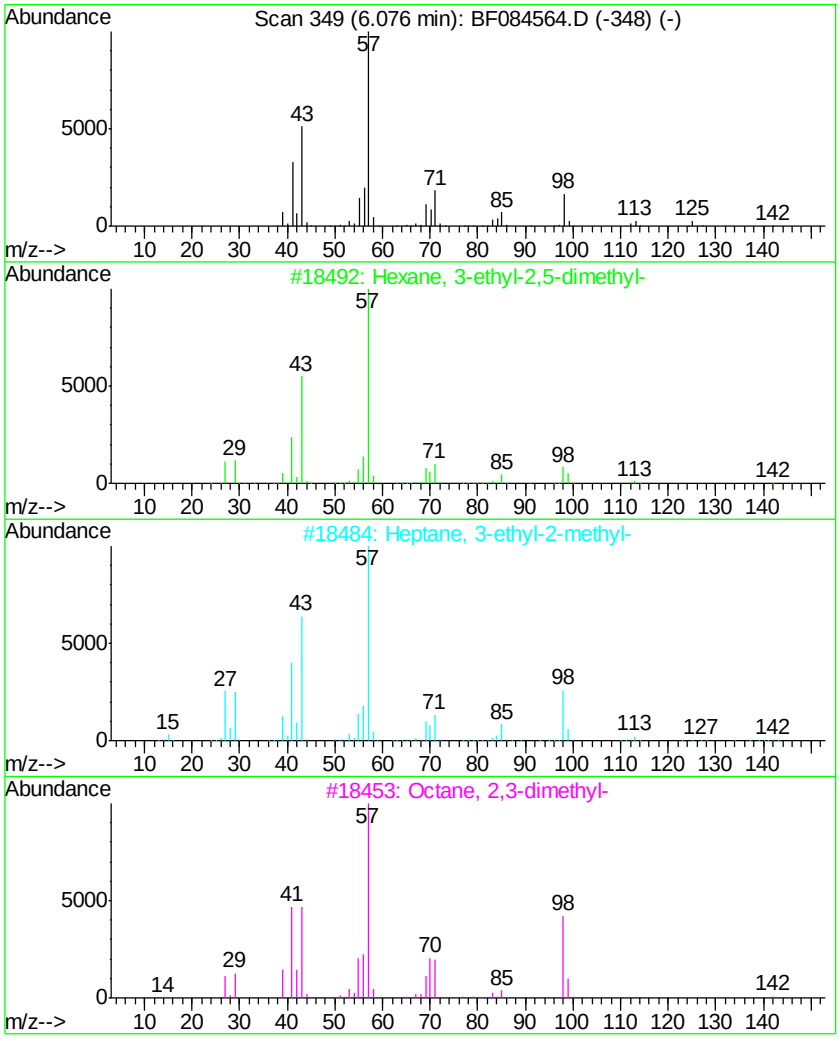
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

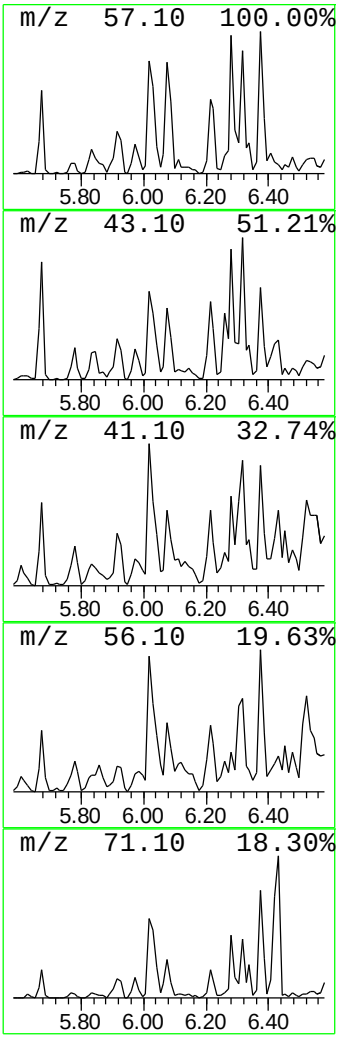
**********

Peak Number 3 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.08 | 43.12 ng | 5719650 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 3-ethyl-2,5-dimethyl- | 142 | C10H22 | 052897-04-8 | 64 |
| 2 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 64 |
| 3 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 59 |
| 4 | Hexane, 4-ethyl-2-methyl- | 128 | C9H20 | 003074-75-7 | 59 |
| 5 | Octane, 3-methyl- | 128 | C9H20 | 002216-33-3 | 53 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

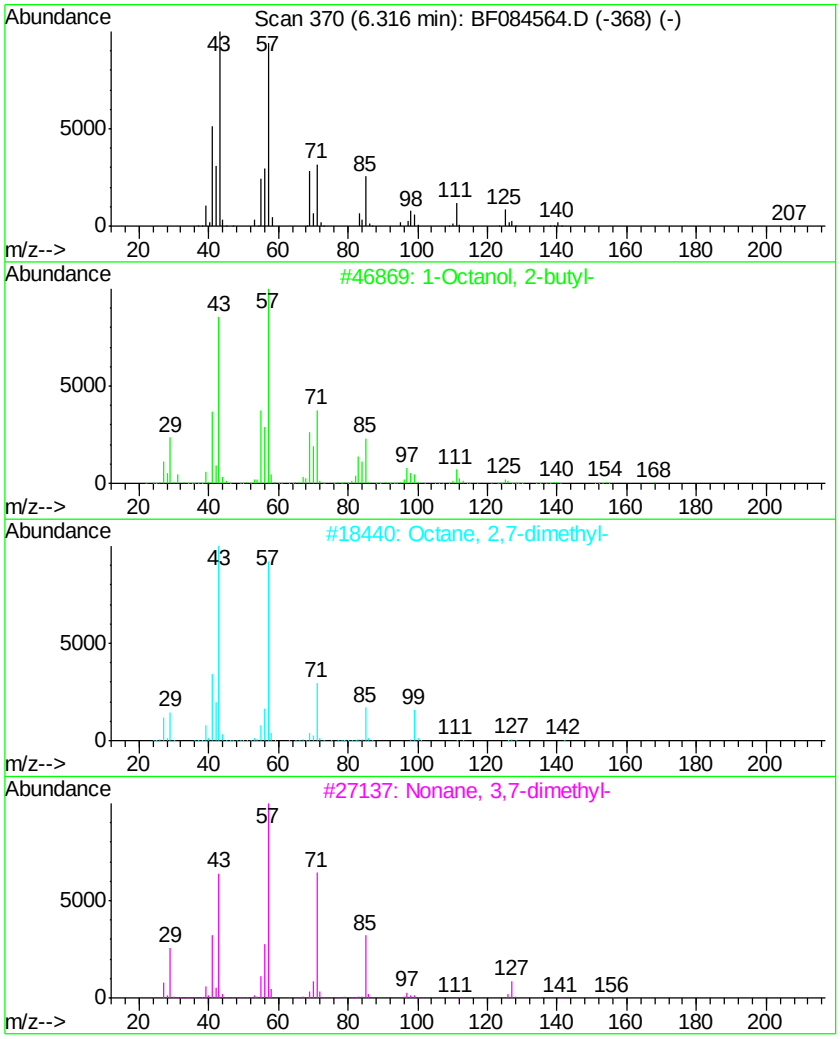
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

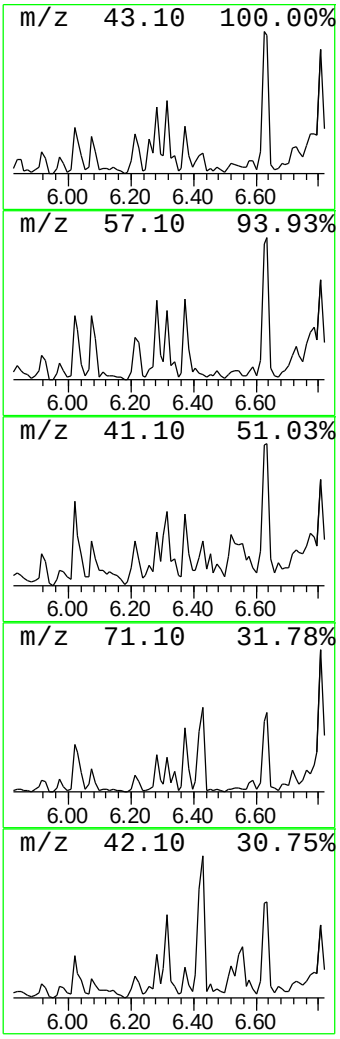
**********

Peak Number 4 1-Octanol, 2-butyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.32 | 45.78 ng | 6073300 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 72 |
| 2 | Octane, 2,7-dimethyl- | 142 | C10H22 | 001072-16-8 | 59 |
| 3 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 53 |
| 4 | Nonane, 2-methyl- | 142 | C10H22 | 000871-83-0 | 50 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 50 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

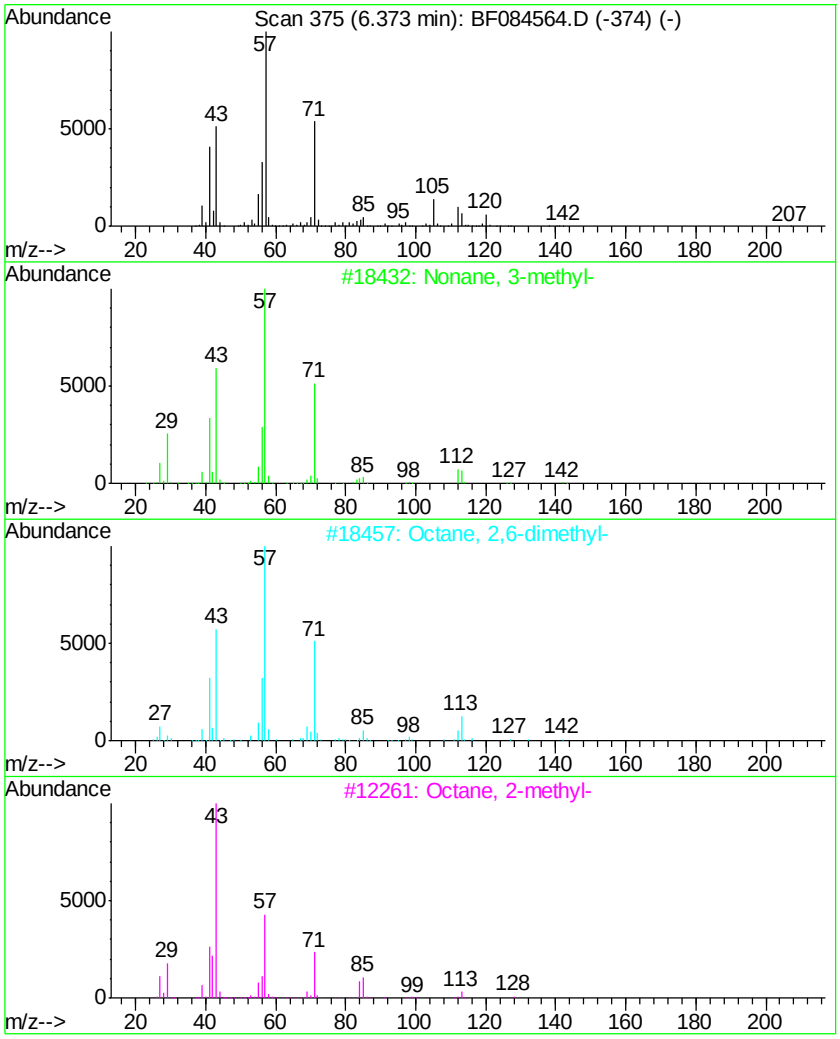
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

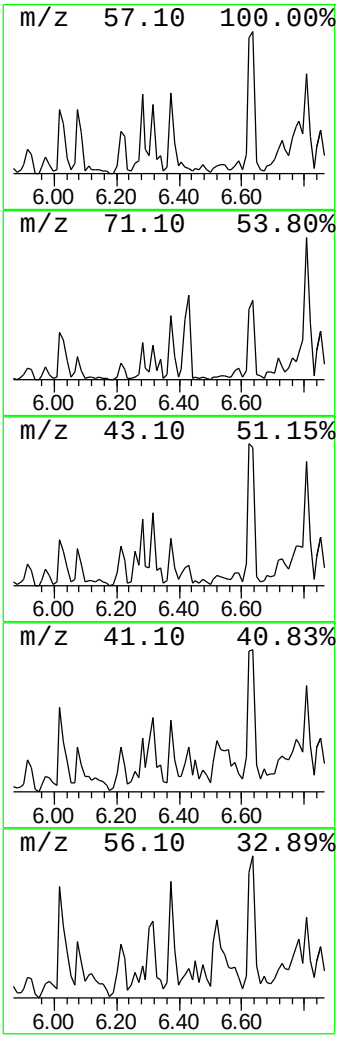
**********

Peak Number 5 Nonane, 3-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.37 | 29.06 ng | 3855310 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 81 |
| 2 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 59 |
| 3 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 53 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 53 |
| 5 | Butane, 2,2-dimethyl- | 86 | C6H14 | 000075-83-2 | 50 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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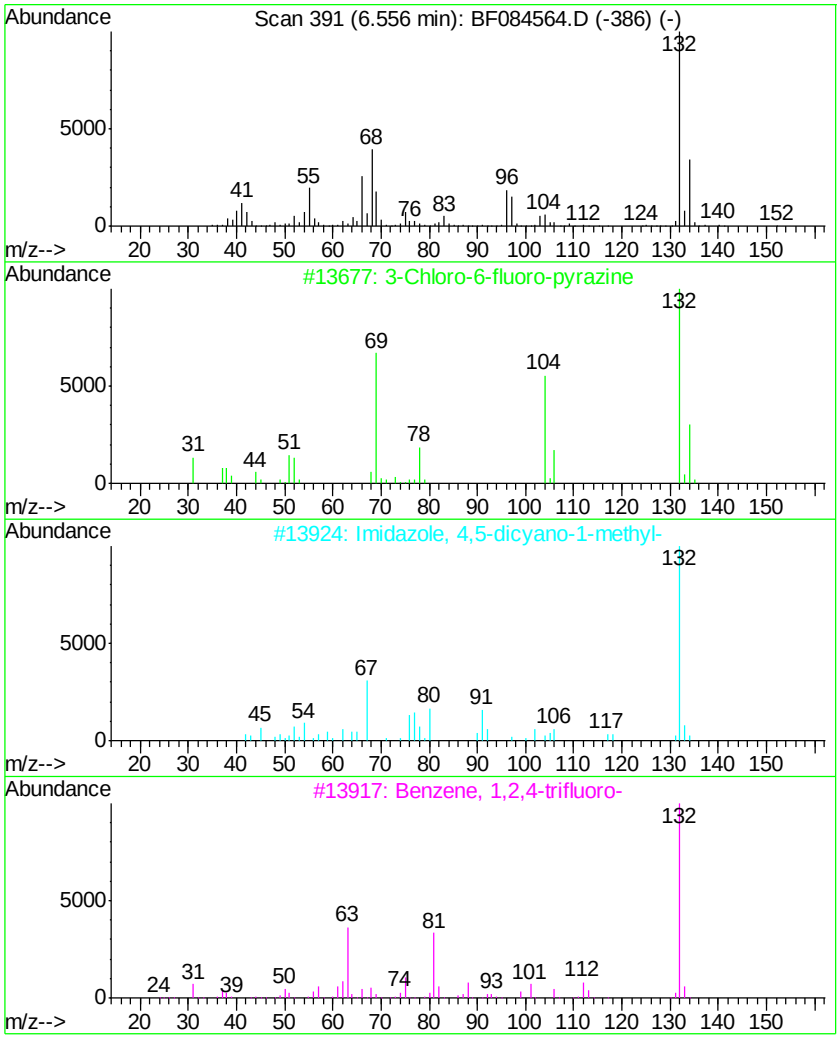
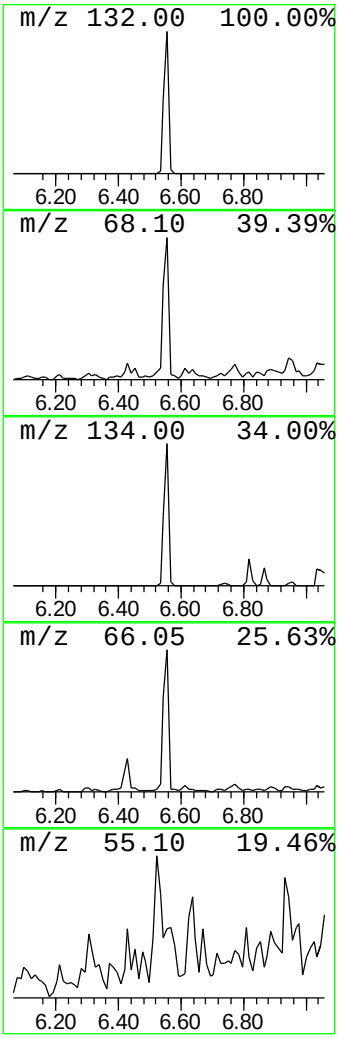
Peak Number 6 unknown6.56 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.56 | 93.62 ng | 12418500 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4 | 019485-35-9 | 9 |
| 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 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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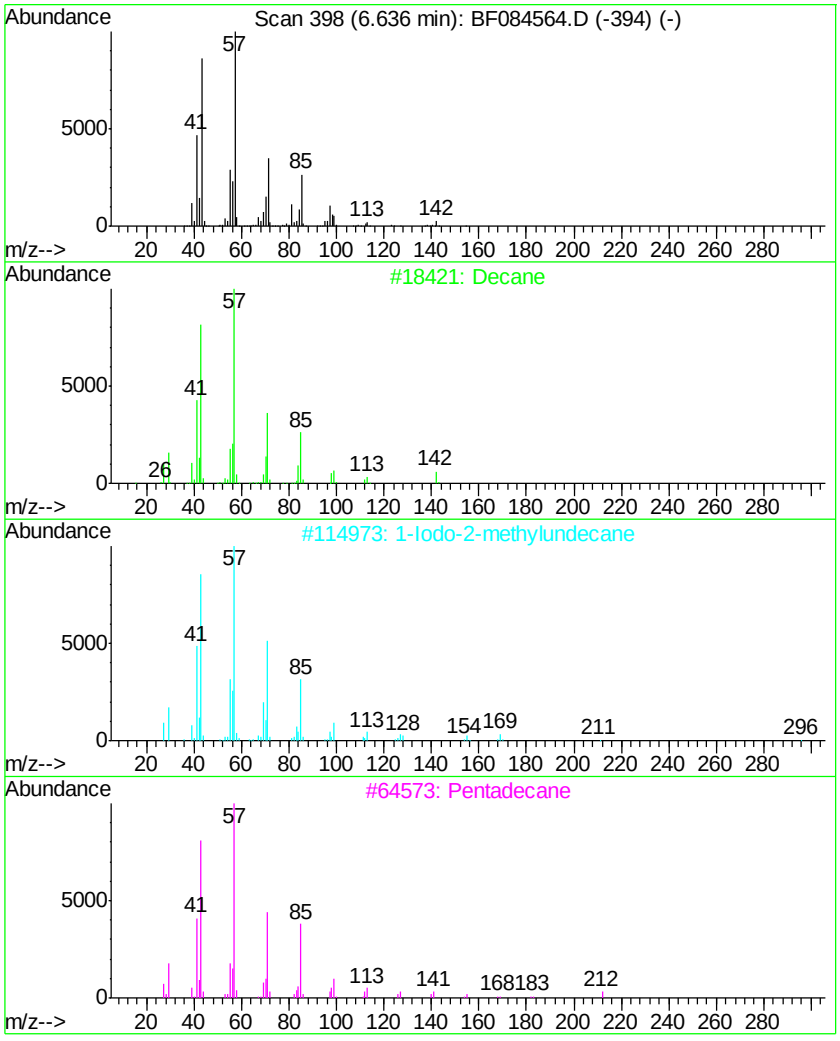
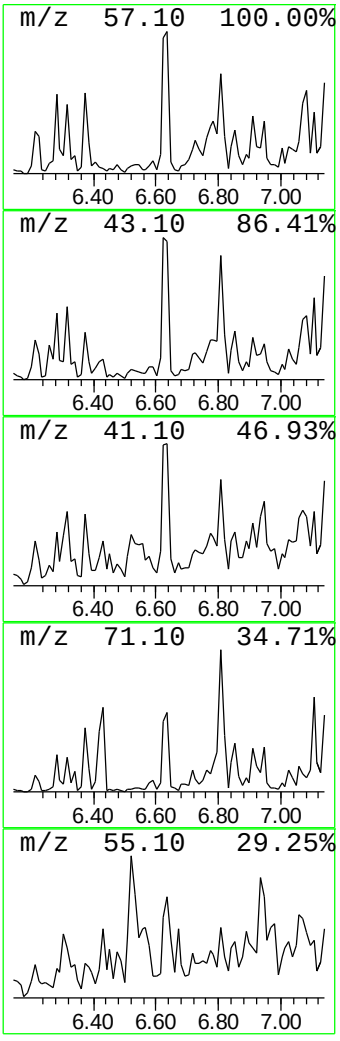
Peak Number 7 Decane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.64 | 82.31 ng | 10918500 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 81 |
| 2 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 64 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 59 |
| 4 | Nonane, 2-methyl- | 142 | C10H22 | 000871-83-0 | 58 |
| 5 | Nonane | 128 | C9H20 | 000111-84-2 | 50 |



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Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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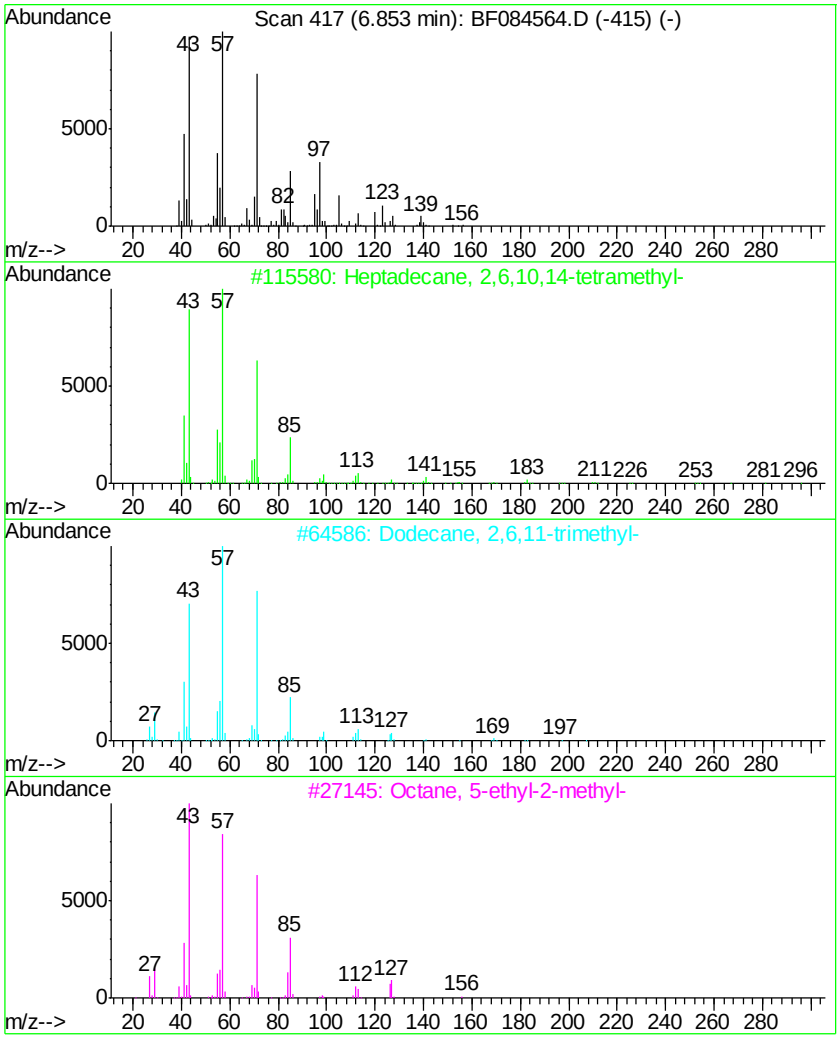
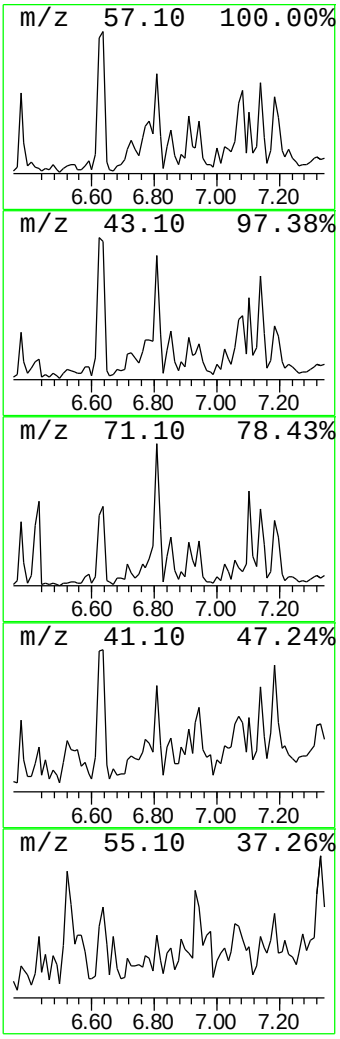
Peak Number 8 Heptadecane, 2,6,10,14-tetr... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.85 | 33.43 ng | 4435250 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 59 |
| 2 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 59 |
| 3 | Octane, 5-ethyl-2-methyl- | 156 | C11H24 | 062016-18-6 | 53 |
| 4 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 53 |
| 5 | Octane, 2,3,7-trimethyl- | 156 | C11H24 | 062016-34-6 | 50 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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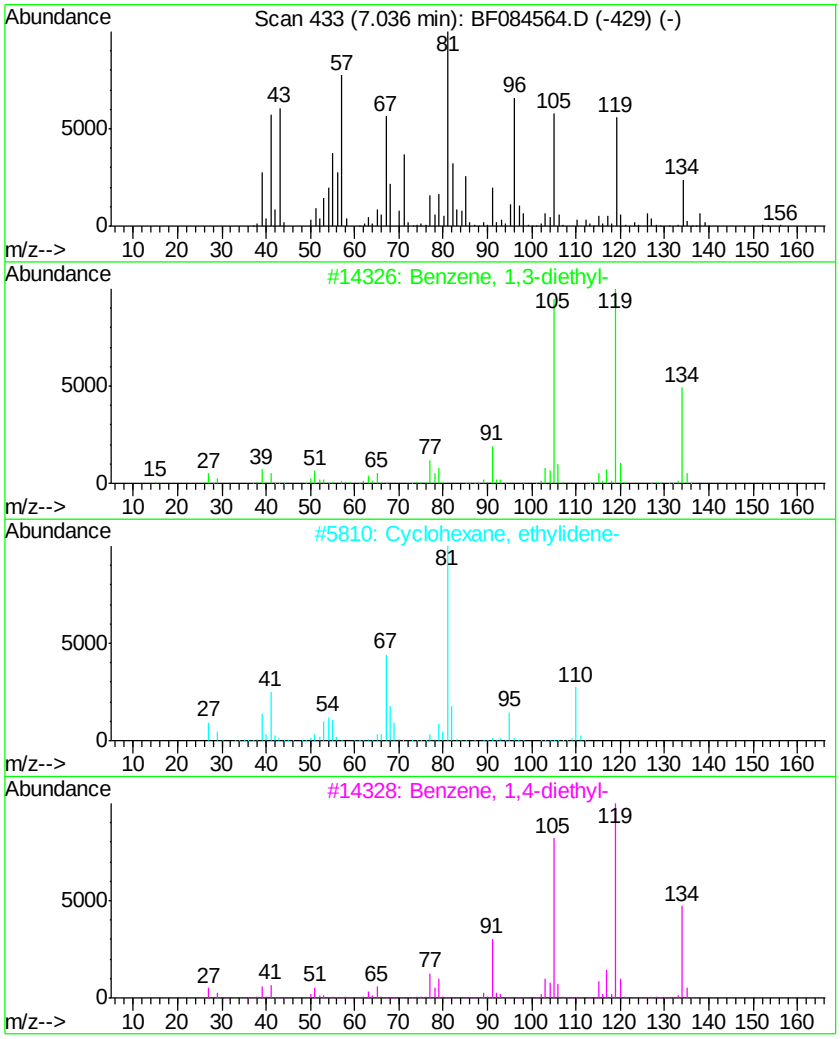
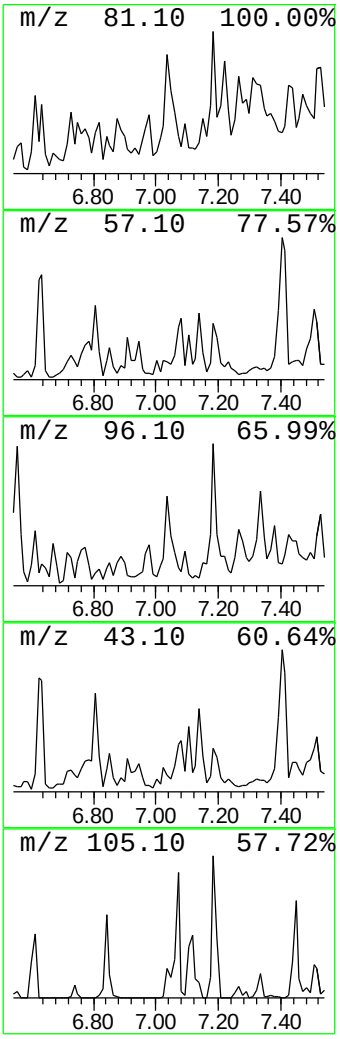
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.04 | 41.97 ng | 5567060 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 55 |
| 2 | Cyclohexane, ethylidene- | 110 | C8H14 | 001003-64-1 | 38 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 25 |
| 4 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 20 |
| 5 | 9-Methylbicyclo[3.3.1]nonane | 138 | C10H18 | 025107-01-1 | 20 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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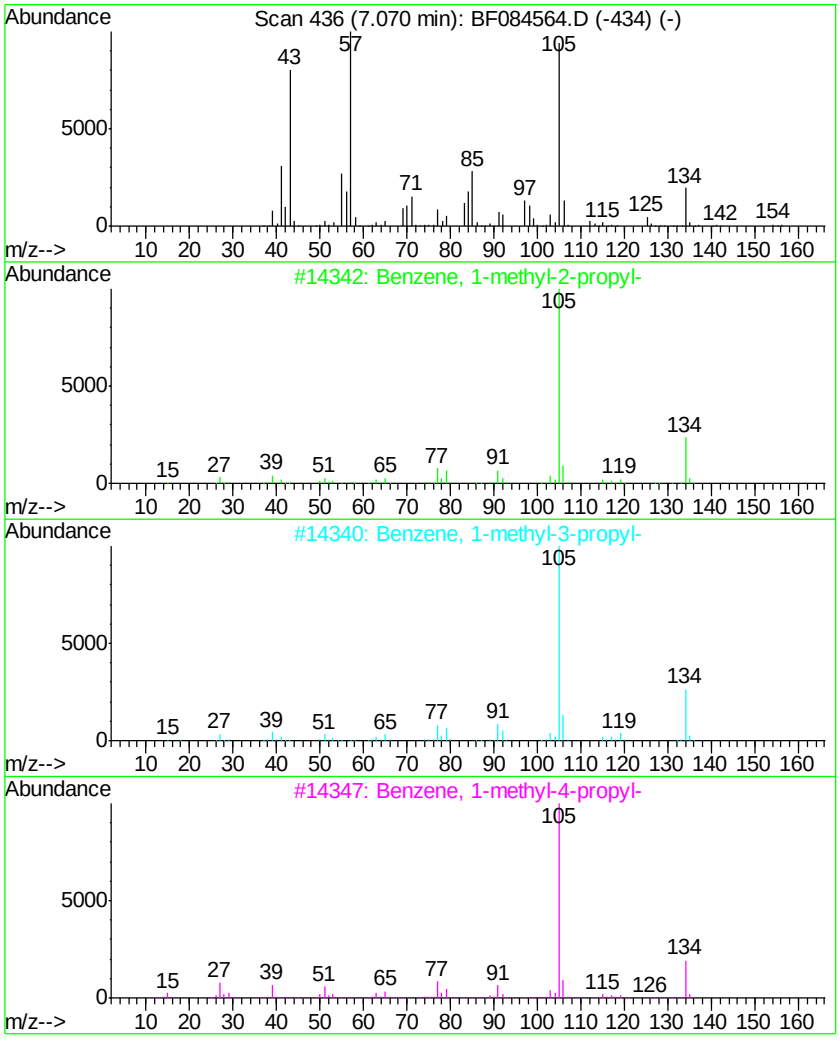
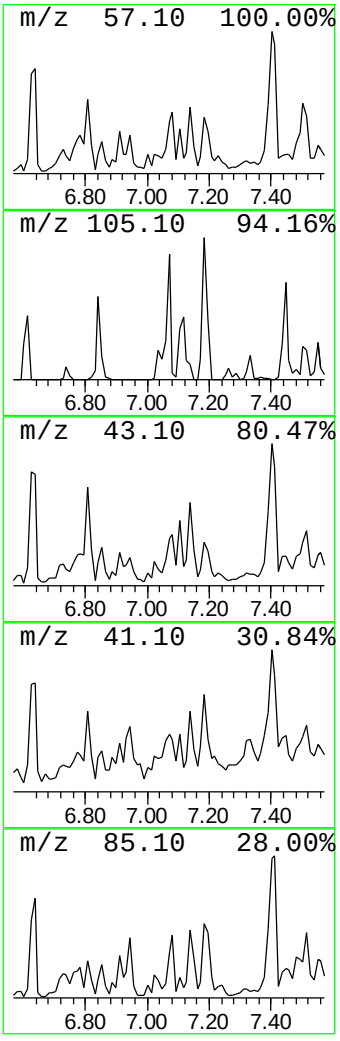
Peak Number 11 unknown7.07 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.07 | 33.55 ng | 4450410 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 42 |
| 2 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 42 |
| 3 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 38 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 27 |
| 5 | Hexane, 2,2,3,3-tetramethyl- | 142 | C10H22 | 013475-81-5 | 22 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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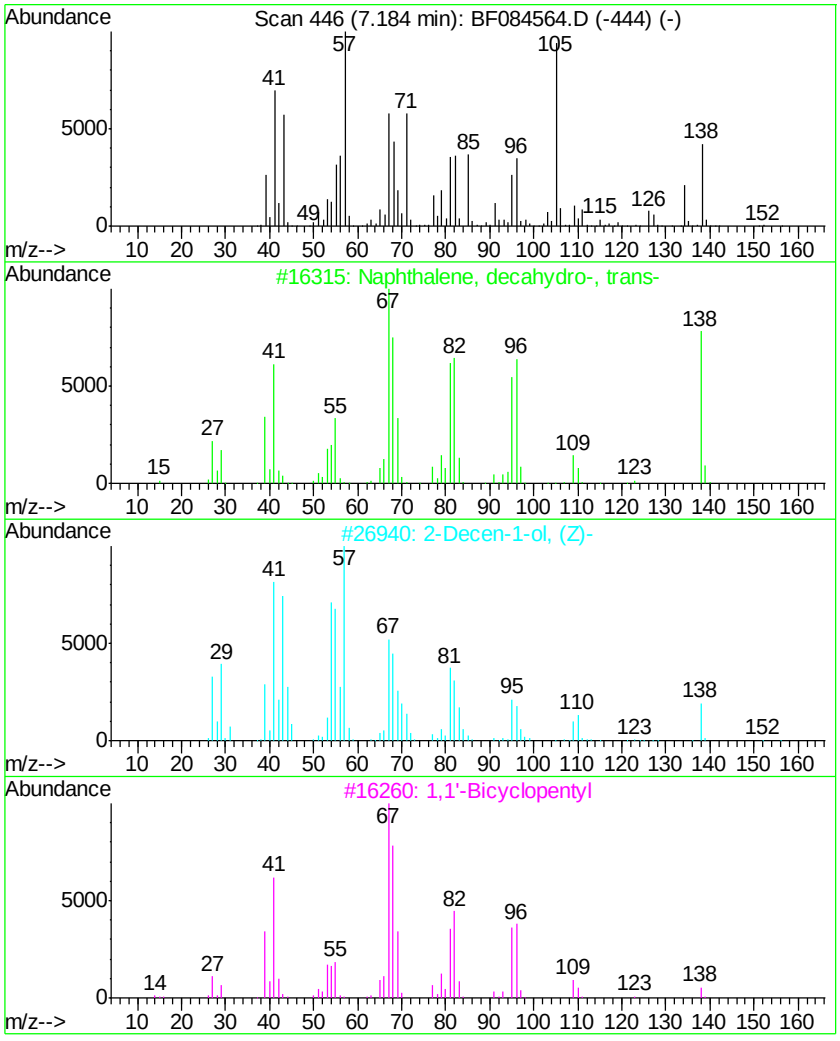
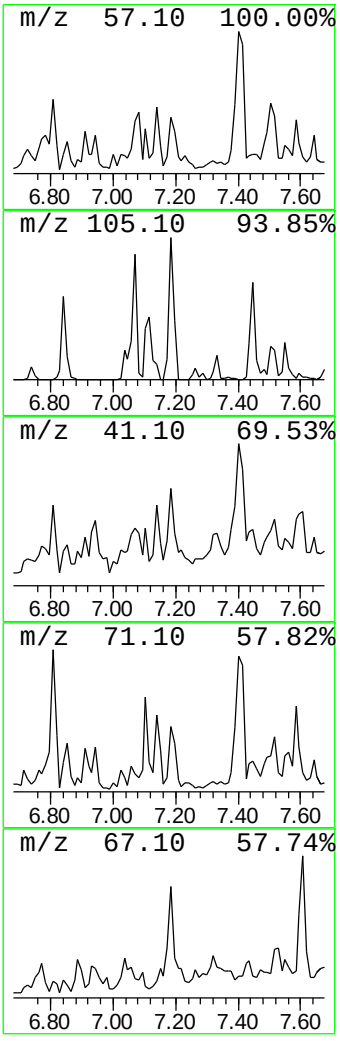
Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.18 | 67.77 ng | 8990020 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, decahydro-, trans- | 138 | C10H18 | 000493-02-7 | 52 |
| 2 | 2-Decen-1-ol, (Z)- | 156 | C10H20O | 004194-71-2 | 45 |
| 3 | 1,1'-Bicyclopentyl | 138 | C10H18 | 001636-39-1 | 43 |
| 4 | Cycloheptene | 96 | C7H12 | 000628-92-2 | 38 |
| 5 | Naphthalene, decahydro-, cis- | 138 | C10H18 | 000493-01-6 | 38 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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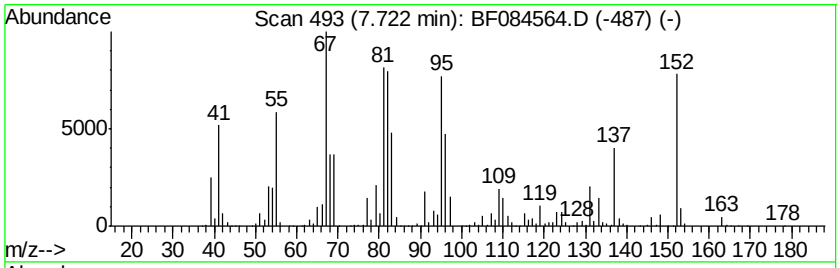
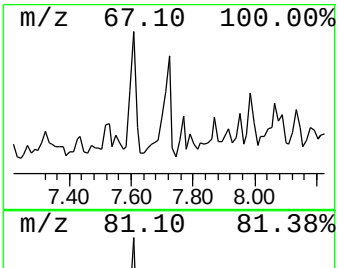
Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.72 | 29.45 ng | 13237300 | Naphthalene-d8 | 8.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 94 |
| 2 | trans-Decalin, 2-methyl- | 152 | C11H20 | 1000152-47-3 | 89 |
| 3 | 1-Methyldecahydronaphthalene | 152 | C11H20 | 002958-75-0 | 76 |
| 4 | cis-Decalin, 2-syn-methyl- | 152 | C11H20 | 1000155-85-6 | 58 |
| 5 | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18 | 004795-86-2 | 58 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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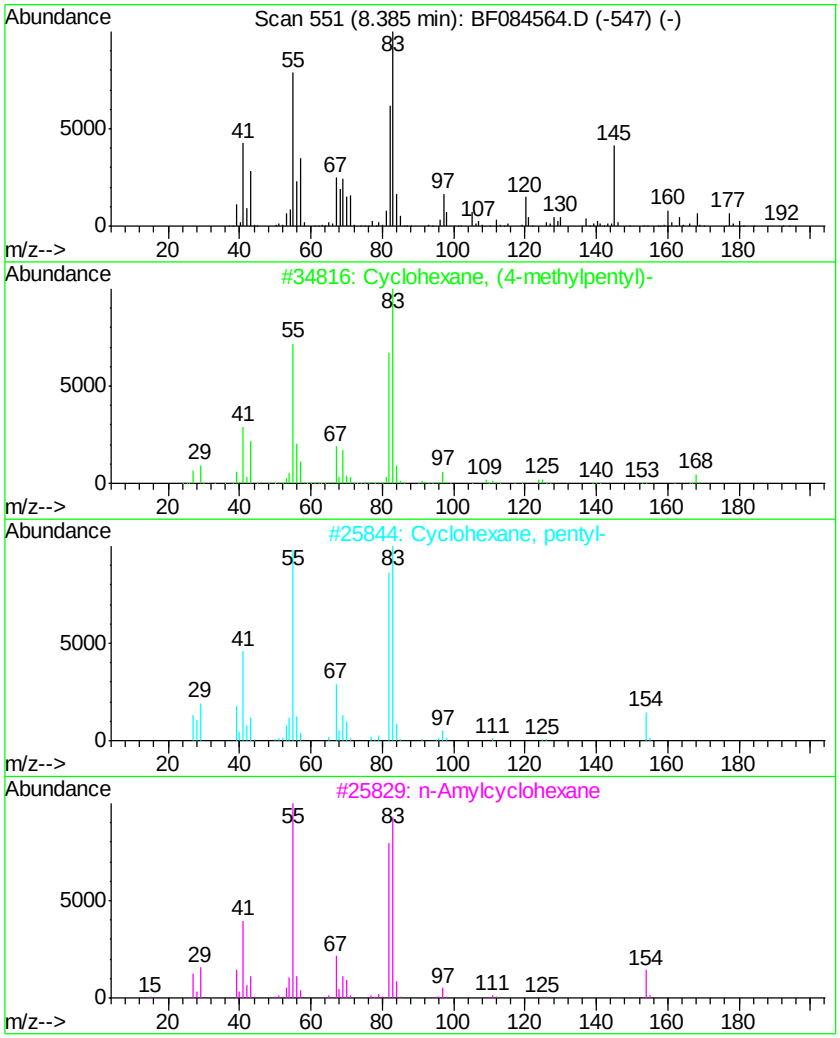
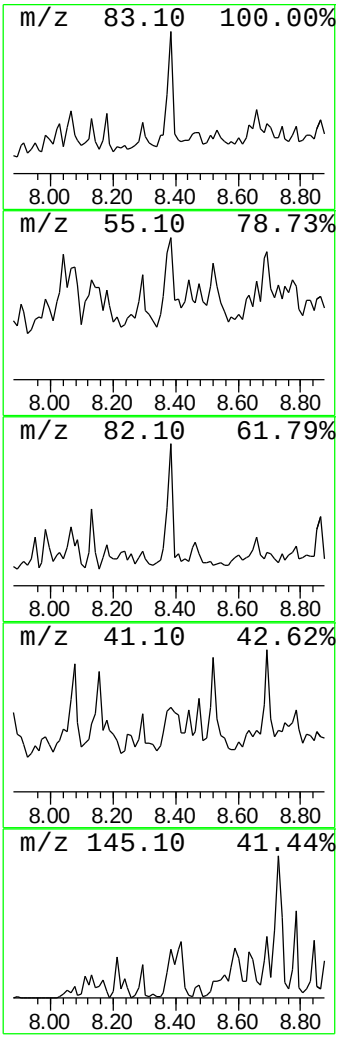
Peak Number 14 Cyclohexane, (4-methylpentyl)- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.38 | 27.92 ng | 12550600 | Naphthalene-d8 | 8.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (4-methylpentyl)- | 168 | C12H24 | 061142-20-9 | 58 |
| 2 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 50 |
| 3 | n-Amylcyclohexane | 154 | C11H22 | 029949-27-7 | 50 |
| 4 | Cyclohexane, (3-methylpentyl)- | 168 | C12H24 | 061142-38-9 | 47 |
| 5 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 47 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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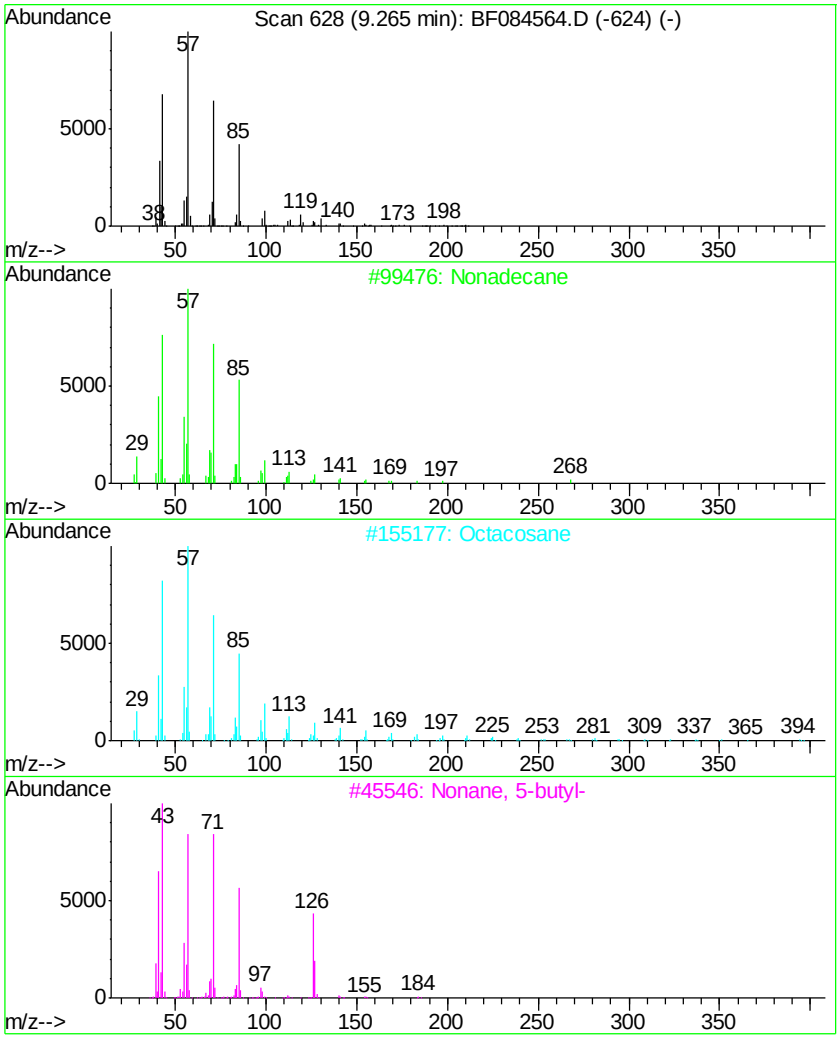
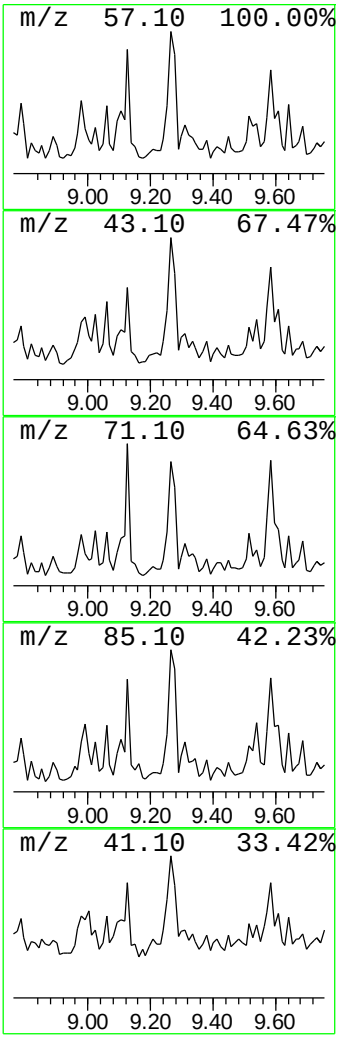
Peak Number 15 Nonadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.26 | 48.18 ng | 13713800 | Acenaphthene-d10 | 9.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 78 |
| 3 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 72 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |
| 5 | Tridecane, 7-methyl- | 198 | C14H30 | 026730-14-3 | 53 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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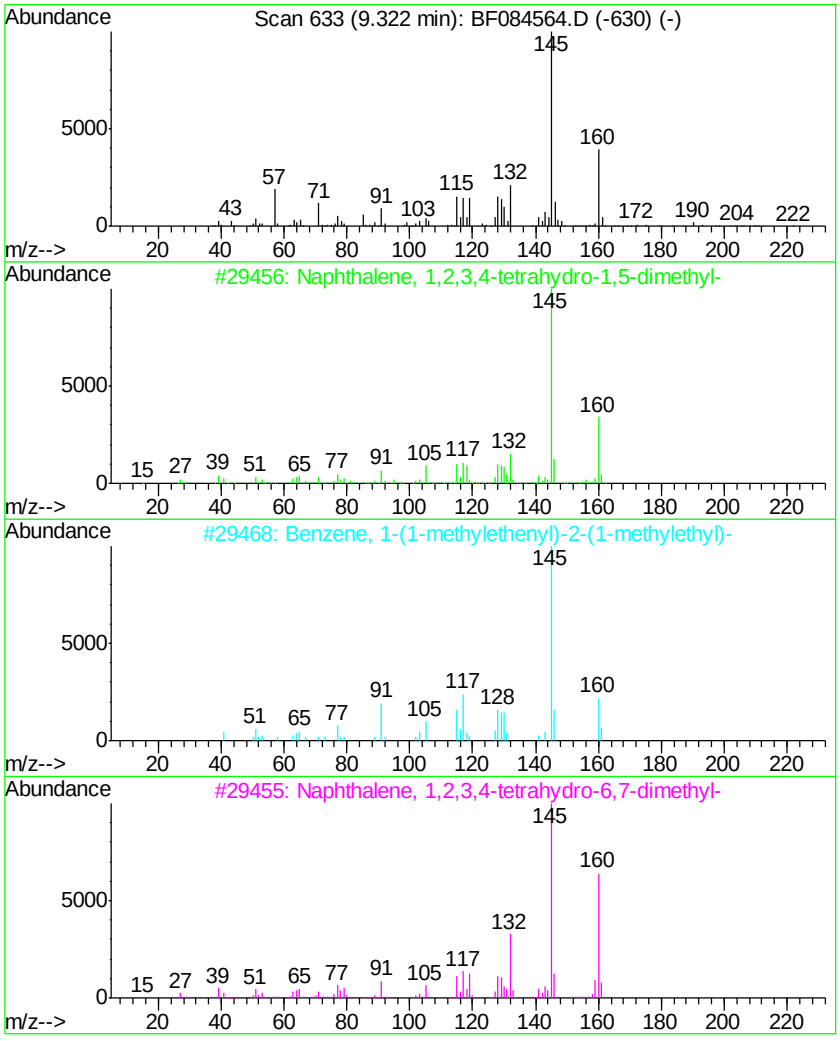
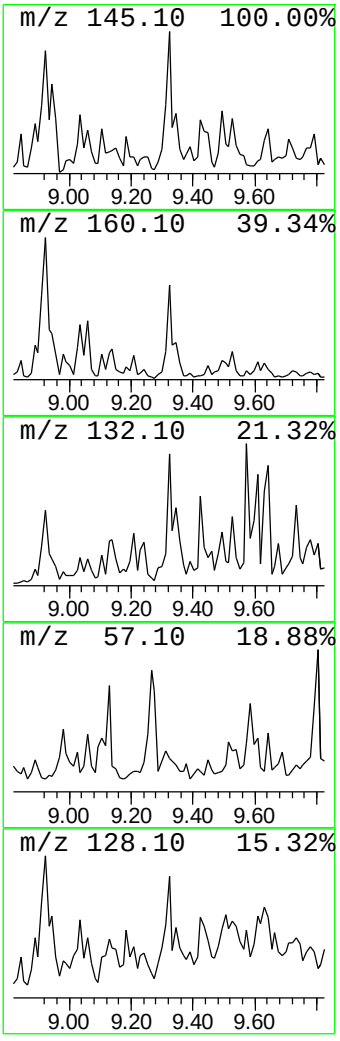
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.32 | 28.14 ng | 8010040 | Acenaphthene-d10 | 9.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021564-91-0 | 94 |
| 2 | Benzene, 1-(1-methylethenyl)-2-(... | 160 | C12H16 | 005557-93-7 | 90 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 001076-61-5 | 87 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021693-54-9 | 87 |
| 5 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 87 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
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Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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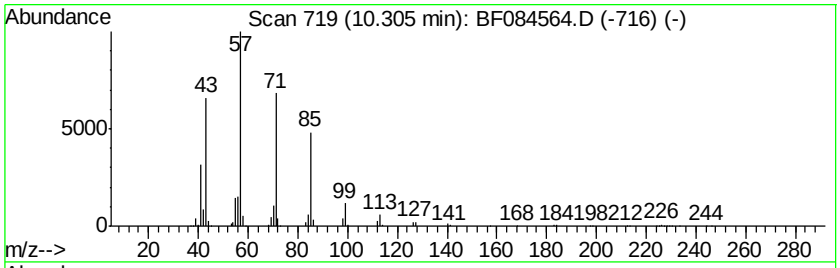
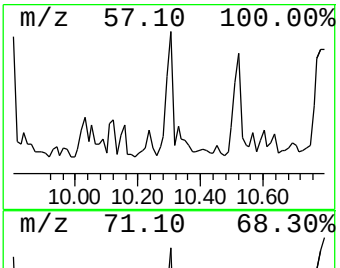
Peak Number 17 Hexadecane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.30 | 28.22 ng | 8031680 | Acenaphthene-d10 | 9.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 91 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 4 | Pentadecane, 7-methyl- | 226 | C16H34 | 006165-40-8 | 87 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 83 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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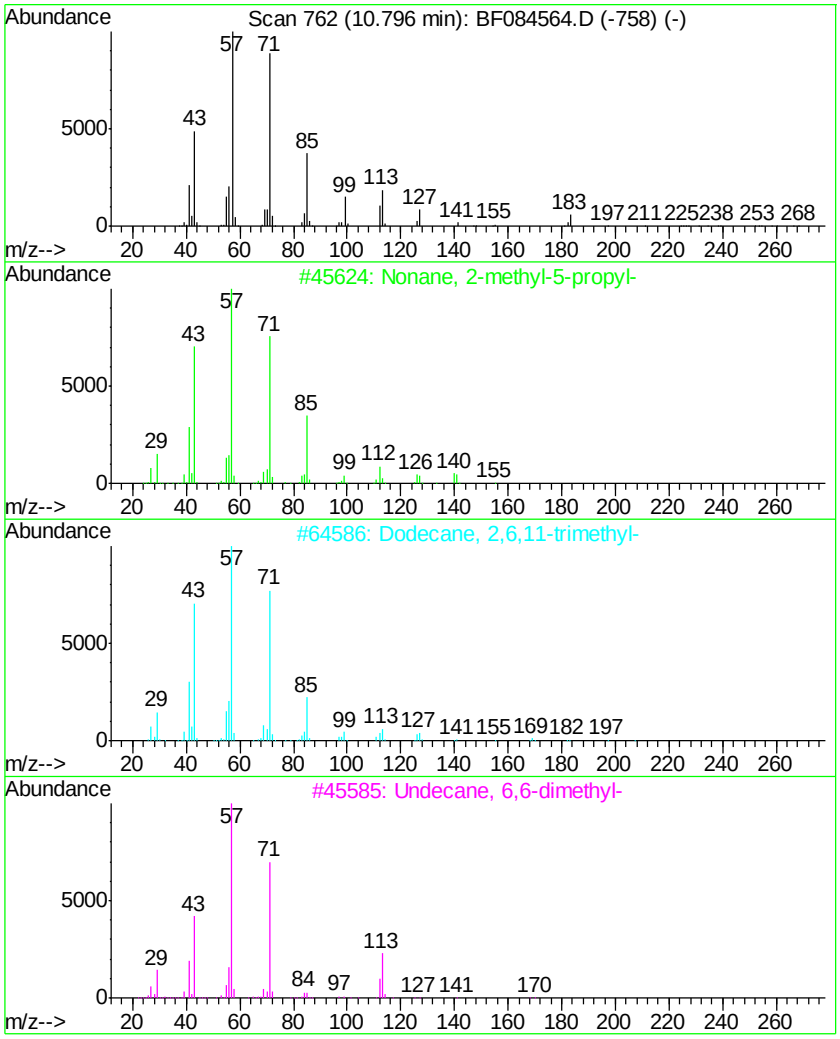
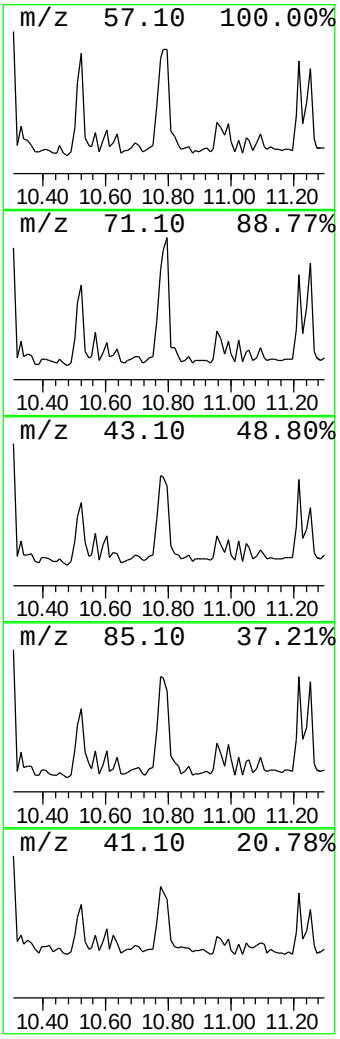
Peak Number 18 Nonane, 2-methyl-5-propyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.80 | 46.41 ng | 14946000 | Phenanthrene-d10 | 11.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 2-methyl-5-propyl- | 184 | C13H28 | 031081-17-1 | 78 |
| 2 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 72 |
| 3 | Undecane, 6,6-dimethyl- | 184 | C13H28 | 017312-76-4 | 72 |
| 4 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 72 |
| 5 | Undecane, 3,5-dimethyl- | 184 | C13H28 | 017312-81-1 | 64 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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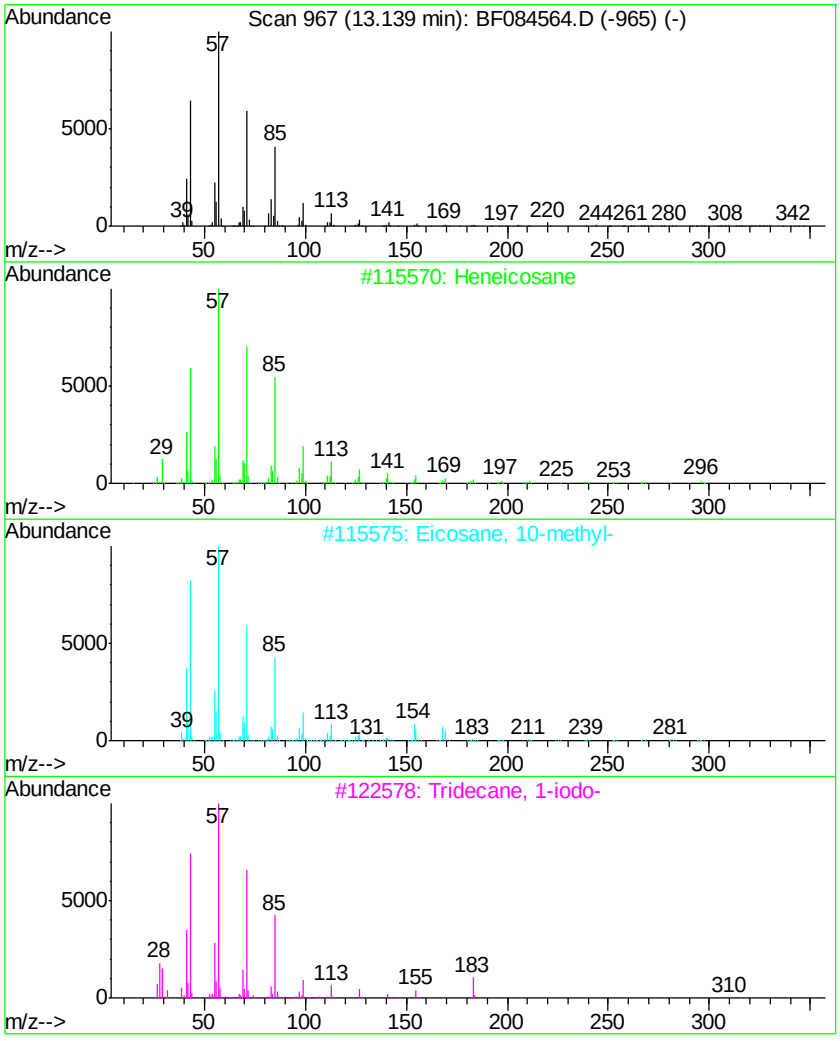
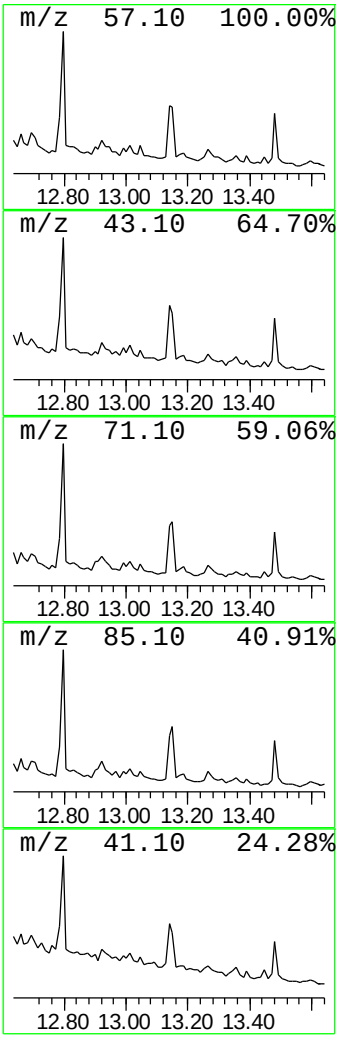
Peak Number 19 Heneicosane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.14 | 34.97 ng | 3308850 | Chrysene-d12 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 2 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 86 |
| 3 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 80 |
| 5 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 80 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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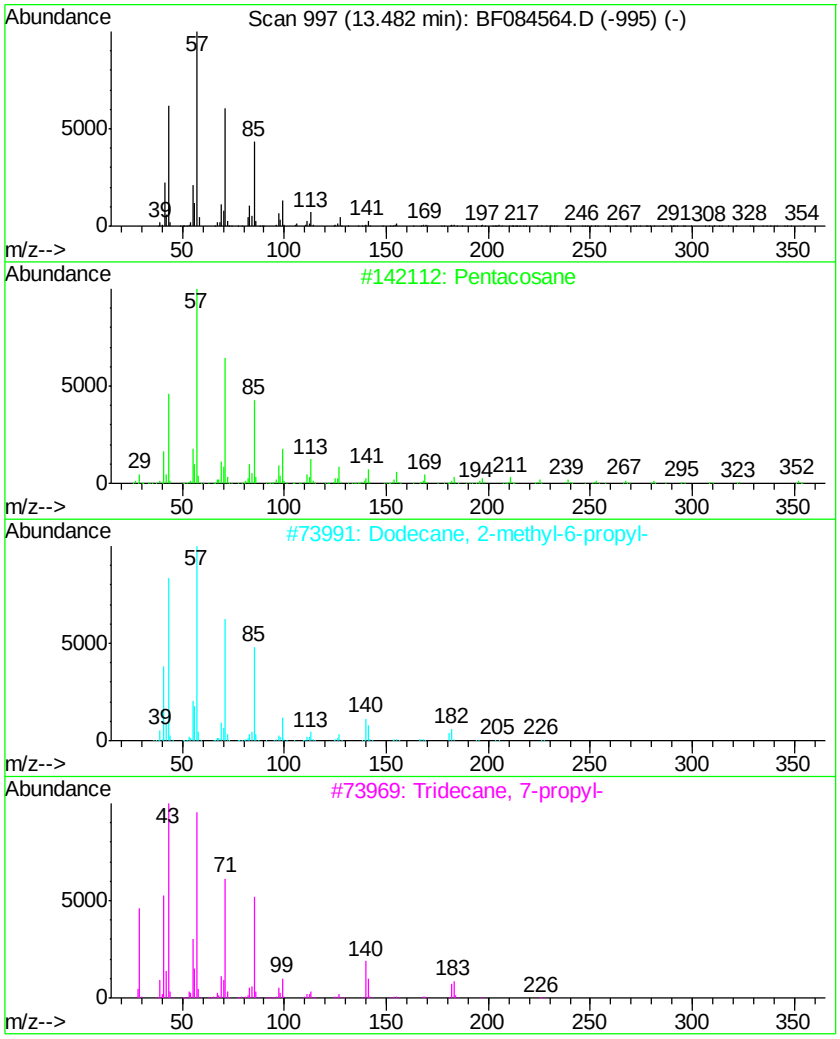
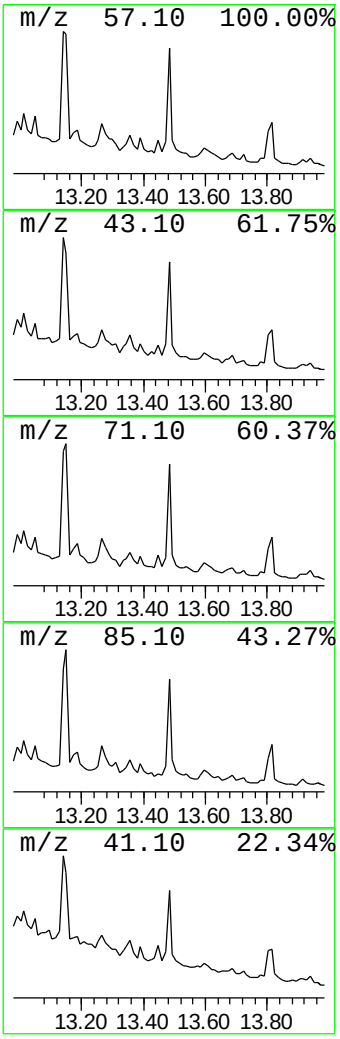
Peak Number 20 Pentacosane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.48 | 29.60 ng | 2800620 | Chrysene-d12 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 87 |
| 3 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 87 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012016\
Data File : BF084564.D
Acq On : 20 Jan 2016 12:23
Operator : SJ/UM
Sample : H1178-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A5-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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-Pentanone, 4-hy... | 4.96 | 35.0 | ng | 4639900 | 1 | 6.78 | 2653100 | 20.0 |
| unknown6.02 | 6.02 | 38.6 | ng | 5125250 | 1 | 6.78 | 2653100 | 20.0 |
| Hexane, 3-ethyl-2... | 6.08 | 43.1 | ng | 5719650 | 1 | 6.78 | 2653100 | 20.0 |
| 1-Octanol, 2-butyl- | 6.32 | 45.8 | ng | 6073300 | 1 | 6.78 | 2653100 | 20.0 |
| Nonane, 3-methyl- | 6.37 | 29.1 | ng | 3855310 | 1 | 6.78 | 2653100 | 20.0 |
| unknown6.56 | 6.56 | 93.6 | ng | 12418500 | 1 | 6.78 | 2653100 | 20.0 |
| Decane | 6.64 | 82.3 | ng | 10918500 | 1 | 6.78 | 2653100 | 20.0 |
| Heptadecane, 2,6,... | 6.85 | 33.4 | ng | 4435250 | 1 | 6.78 | 2653100 | 20.0 |
| Benzene, 1,3-diet... | 7.04 | 42.0 | ng | 5567060 | 1 | 6.78 | 2653100 | 20.0 |
| unknown7.07 | 7.07 | 33.5 | ng | 4450410 | 1 | 6.78 | 2653100 | 20.0 |
| Naphthalene, deca... | 7.18 | 67.8 | ng | 8990020 | 1 | 6.78 | 2653100 | 20.0 |
| Naphthalene, deca... | 7.72 | 29.4 | ng | 13237300 | 2 | 8.08 | 8990620 | 20.0 |
| Cyclohexane, (4-m... | 8.38 | 27.9 | ng | 12550600 | 2 | 8.08 | 8990620 | 20.0 |
| Nonadecane | 9.26 | 48.2 | ng | 13713800 | 3 | 9.85 | 5692560 | 20.0 |
| Naphthalene, 1,2,... | 9.32 | 28.1 | ng | 8010040 | 3 | 9.85 | 5692560 | 20.0 |
| Hexadecane | 10.30 | 28.2 | ng | 8031680 | 3 | 9.85 | 5692560 | 20.0 |
| Nonane, 2-methyl-... | 10.80 | 46.4 | ng | 14946000 | 4 | 11.33 | 6440560 | 20.0 |
| Heneicosane | 13.14 | 35.0 | ng | 3308850 | 5 | 13.95 | 1892410 | 20.0 |
| Pentacosane | 13.48 | 29.6 | ng | 2800620 | 5 | 13.95 | 1892410 | 20.0 |