LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

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-BF012218.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 | 3.622 | 256 | 261 | 266 | rBV | 35144 | 51606 | 1.22% | 0.161% |
| 2 | 4.904 | 475 | 479 | 489 | rVB | 52238 | 74224 | 1.76% | 0.232% |
| 3 | 5.322 | 546 | 550 | 562 | rBV | 2020075 | 2030792 | 48.08% | 6.347% |
| 4 | 6.351 | 722 | 725 | 743 | rBV | 1261973 | 1429009 | 33.83% | 4.466% |
| 5 | 6.487 | 743 | 748 | 751 | rBV | 3641650 | 3482947 | 82.46% | 10.885% |
| 6 | 6.710 | 783 | 786 | 792 | rBV | 1120690 | 975763 | 23.10% | 3.050% |
| 7 | 6.869 | 809 | 813 | 816 | rBV | 3620748 | 3306974 | 78.29% | 10.335% |
| 8 | 7.104 | 850 | 853 | 857 | rBV3 | 35543 | 43688 | 1.03% | 0.137% |
| 9 | 7.281 | 878 | 883 | 886 | rBV | 2561104 | 2623166 | 62.10% | 8.198% |
| 10 | 7.386 | 898 | 901 | 906 | rVV2 | 40640 | 66620 | 1.58% | 0.208% |
| 11 | 7.457 | 909 | 913 | 916 | rVB | 136980 | 121478 | 2.88% | 0.380% |
| 12 | 7.563 | 927 | 931 | 934 | rBV | 61996 | 53107 | 1.26% | 0.166% |
| 13 | 7.992 | 1001 | 1004 | 1007 | rBV | 1271961 | 1106535 | 26.20% | 3.458% |
| 14 | 8.557 | 1097 | 1100 | 1103 | rBV | 48714 | 50862 | 1.20% | 0.159% |
| 15 | 8.992 | 1169 | 1174 | 1182 | rBV | 261674 | 295290 | 6.99% | 0.923% |
| 16 | 9.075 | 1183 | 1188 | 1191 | rBV | 4250690 | 4223896 | 100.00% | 13.201% |
| 17 | 9.169 | 1202 | 1204 | 1206 | rBV2 | 44649 | 43810 | 1.04% | 0.137% |
| 18 | 9.233 | 1213 | 1215 | 1223 | rVB7 | 49680 | 86063 | 2.04% | 0.269% |
| 19 | 9.416 | 1244 | 1246 | 1250 | rVB | 226950 | 182446 | 4.32% | 0.570% |
| 20 | 9.463 | 1251 | 1254 | 1257 | rVV | 279050 | 215416 | 5.10% | 0.673% |
| 21 | 9.557 | 1268 | 1270 | 1274 | rVB2 | 54666 | 56140 | 1.33% | 0.175% |
| 22 | 9.610 | 1275 | 1279 | 1284 | rBV5 | 64850 | 100730 | 2.38% | 0.315% |
| 23 | 9.675 | 1287 | 1290 | 1294 | rVB | 111713 | 100094 | 2.37% | 0.313% |
| 24 | 9.722 | 1294 | 1298 | 1299 | rBV | 100492 | 104141 | 2.47% | 0.325% |
| 25 | 9.745 | 1299 | 1302 | 1310 | rVB2 | 1285148 | 1332652 | 31.55% | 4.165% |
| 26 | 9.869 | 1321 | 1323 | 1327 | rVB | 214534 | 175679 | 4.16% | 0.549% |
| 27 | 9.916 | 1328 | 1331 | 1335 | rVB6 | 42610 | 56414 | 1.34% | 0.176% |
| 28 | 9.963 | 1335 | 1339 | 1342 | rVB2 | 68555 | 91623 | 2.17% | 0.286% |
| 29 | 9.992 | 1342 | 1344 | 1347 | rBV3 | 44127 | 48931 | 1.16% | 0.153% |
| 30 | 10.022 | 1347 | 1349 | 1352 | rVB3 | 50740 | 51607 | 1.22% | 0.161% |
| 31 | 10.057 | 1352 | 1355 | 1360 | rBV5 | 54716 | 88463 | 2.09% | 0.276% |
| 32 | 10.110 | 1361 | 1364 | 1366 | rBV | 178576 | 157193 | 3.72% | 0.491% |
| 33 | 10.175 | 1372 | 1375 | 1378 | rVB2 | 192197 | 160651 | 3.80% | 0.502% |
| 34 | 10.357 | 1403 | 1406 | 1410 | rBV | 133279 | 141428 | 3.35% | 0.442% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

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-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.392 | 1410 | 1412 | 1416 | rVB2 | 84071 | 81267 | 1.92% | 0.254% |
| 36 | 10.486 | 1425 | 1428 | 1431 | rBV4 | 34394 | 44277 | 1.05% | 0.138% |
| 37 | 10.539 | 1433 | 1437 | 1447 | rVB | 1963293 | 1889465 | 44.73% | 5.905% |
| 38 | 10.645 | 1452 | 1455 | 1464 | rVB3 | 214306 | 371542 | 8.80% | 1.161% |
| 39 | 10.733 | 1465 | 1470 | 1473 | rBV7 | 34665 | 72153 | 1.71% | 0.226% |
| 40 | 10.869 | 1491 | 1493 | 1496 | rBV | 69955 | 66782 | 1.58% | 0.209% |
| 41 | 10.974 | 1509 | 1511 | 1519 | rVB4 | 59835 | 105147 | 2.49% | 0.329% |
| 42 | 11.092 | 1528 | 1531 | 1533 | rVV | 88075 | 71698 | 1.70% | 0.224% |
| 43 | 11.122 | 1533 | 1536 | 1541 | rVB3 | 71323 | 86696 | 2.05% | 0.271% |
| 44 | 11.233 | 1549 | 1555 | 1558 | rBV | 1021896 | 942599 | 22.32% | 2.946% |
| 45 | 11.345 | 1571 | 1574 | 1579 | rVB | 161595 | 160951 | 3.81% | 0.503% |
| 46 | 11.463 | 1591 | 1594 | 1598 | rVB3 | 63435 | 85139 | 2.02% | 0.266% |
| 47 | 12.004 | 1684 | 1686 | 1689 | rVB3 | 51994 | 43506 | 1.03% | 0.136% |
| 48 | 12.633 | 1790 | 1793 | 1797 | rVB2 | 148164 | 130363 | 3.09% | 0.407% |
| 49 | 12.821 | 1820 | 1825 | 1828 | rBV | 2667615 | 2764367 | 65.45% | 8.640% |
| 50 | 13.339 | 1910 | 1913 | 1916 | rVB | 106206 | 86136 | 2.04% | 0.269% |
| 51 | 13.710 | 1973 | 1976 | 1982 | rBV | 129693 | 138951 | 3.29% | 0.434% |
| 52 | 13.874 | 2000 | 2004 | 2010 | rBV | 828963 | 862027 | 20.41% | 2.694% |
| 53 | 14.692 | 2141 | 2143 | 2150 | rVB | 48415 | 59316 | 1.40% | 0.185% |
| 54 | 15.298 | 2241 | 2246 | 2254 | rBV | 655720 | 804617 | 19.05% | 2.515% |

Sum of corrected areas: 31996437

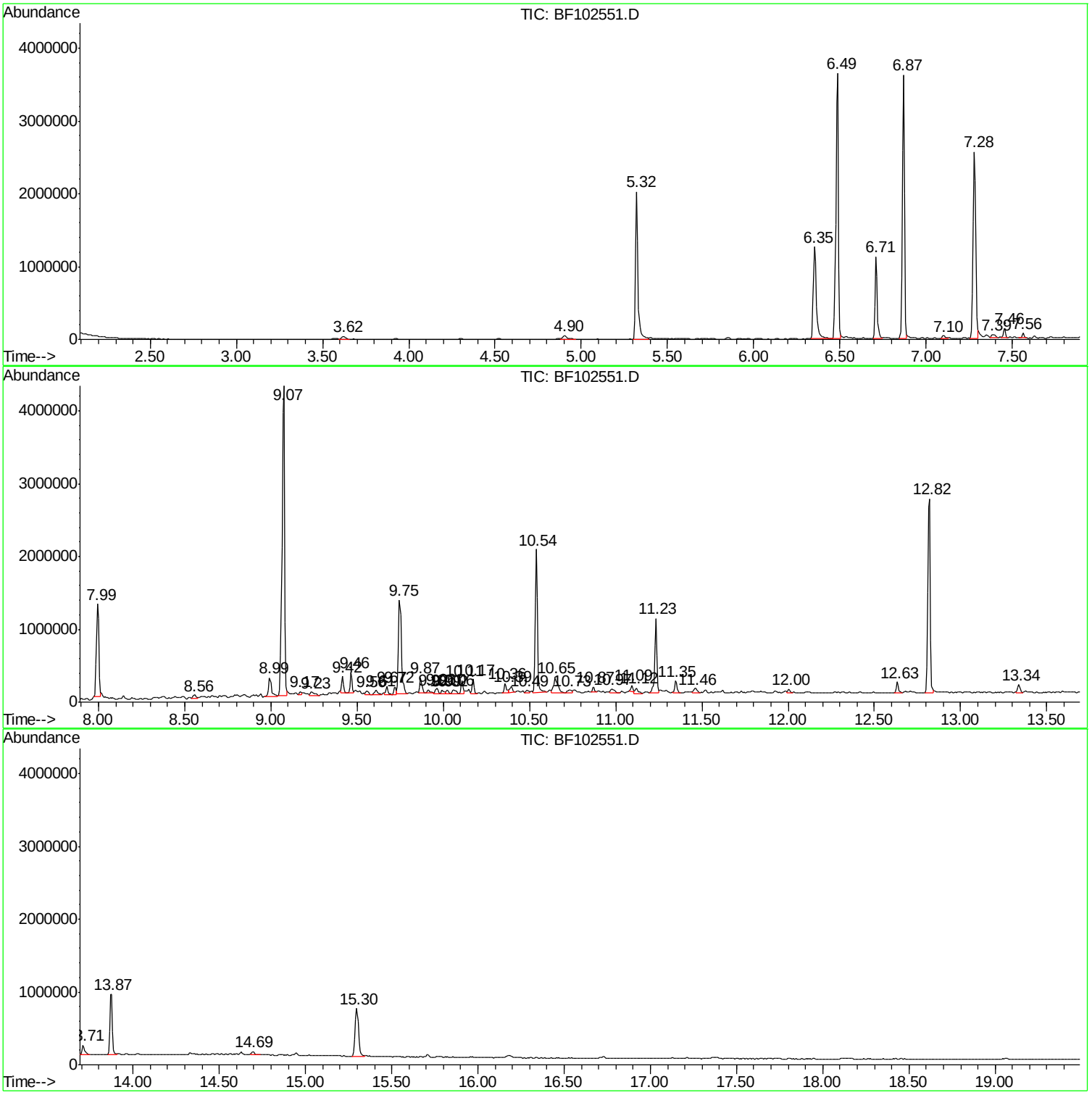
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

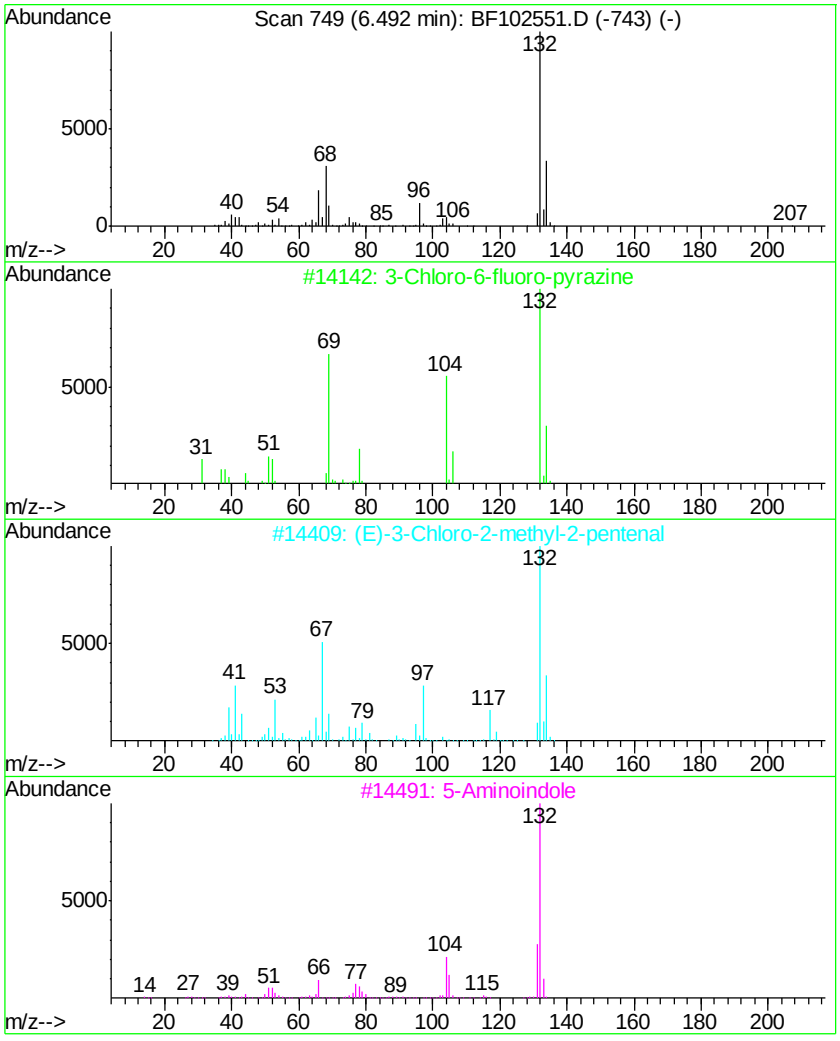
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

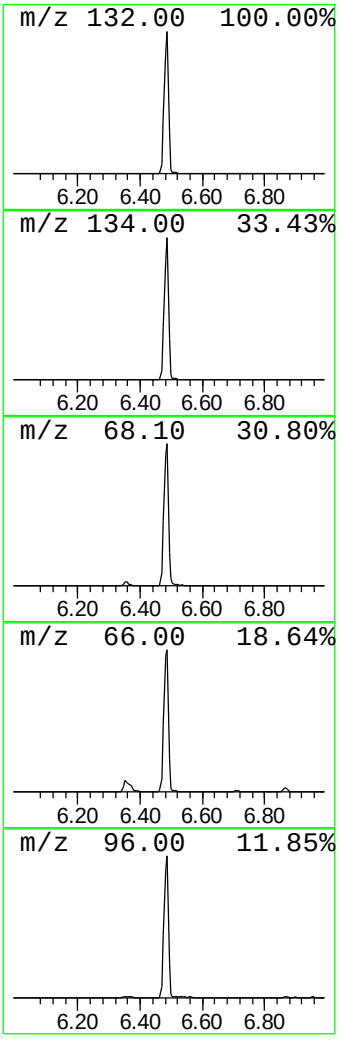
**********

Peak Number 1 unknown6.49 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.49 | 71.39 ng | 3482950 | 1,4-Dichlorobenzene-d4 | 6.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 5 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 9 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

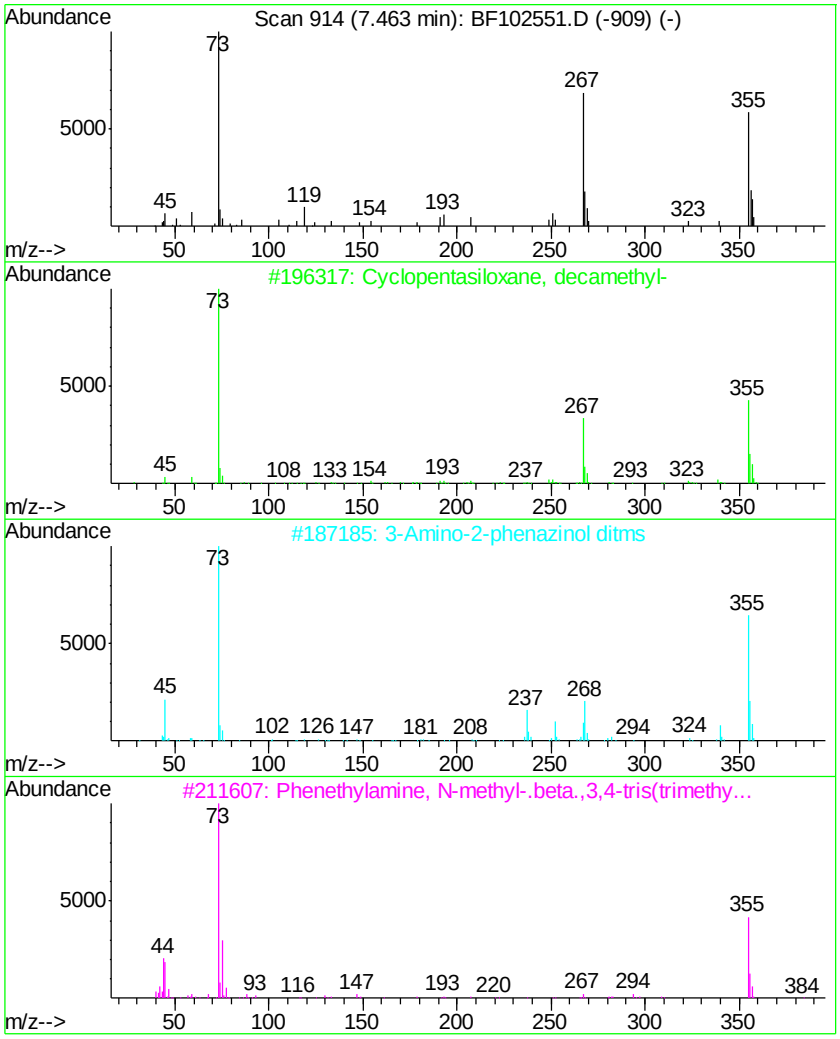
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

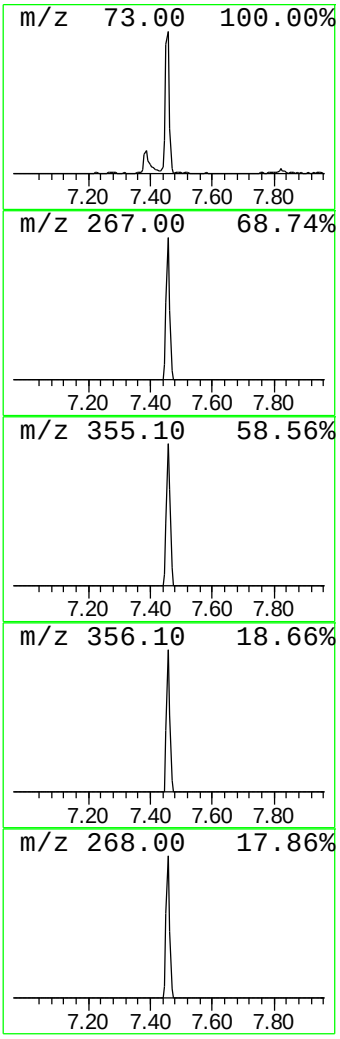
**********

Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.46 | 2.20 ng | 121478 | Naphthalene-d8 | 7.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 87 |
| 2 | 3-Amino-2-phenazinol ditms | 355 | C18H25N3OSi2 | 1000332-15-5 | 38 |
| 3 | Phenethylamine, N-methyl-.beta.,... | 399 | C18H37NO3Si3 | 010538-85-9 | 38 |
| 4 | Benzoic acid, 2-[(trimethylsilyl... | 282 | C13H22O3Si2 | 003789-85-3 | 37 |
| 5 | N-(Trifluoracetyl)-O,O',O''-tris... | 495 | C20H36F3NO4Si3 | 054135-51-2 | 35 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

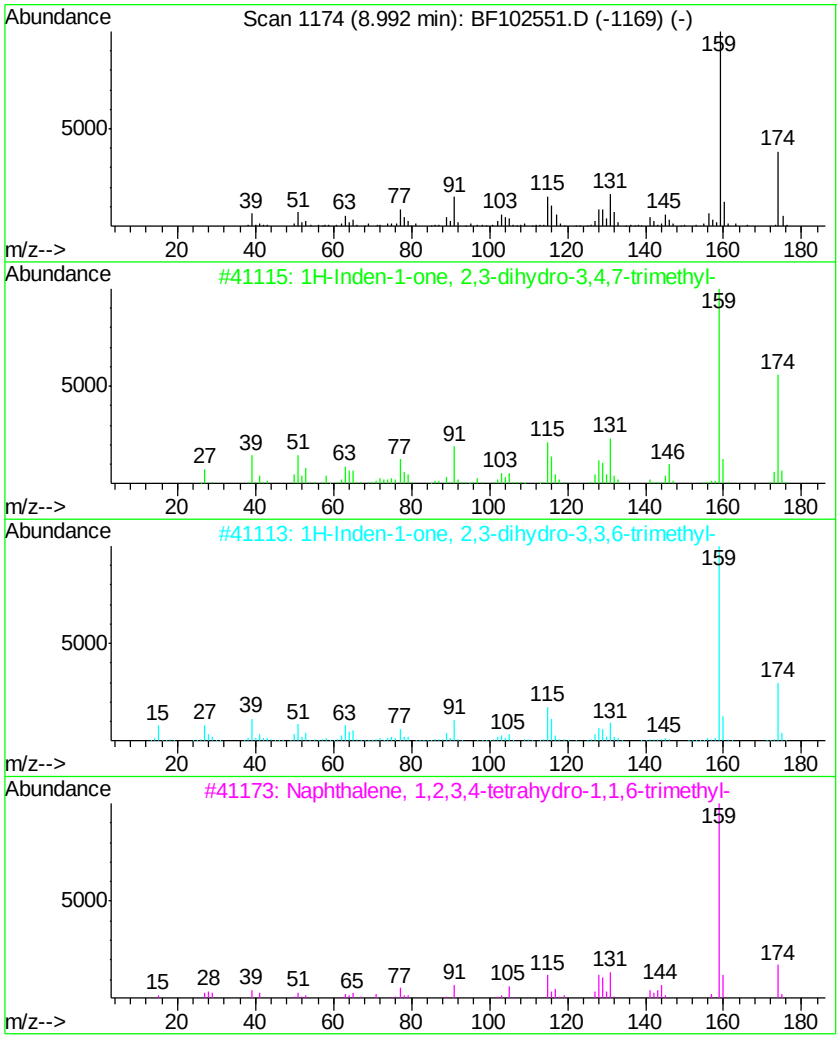
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

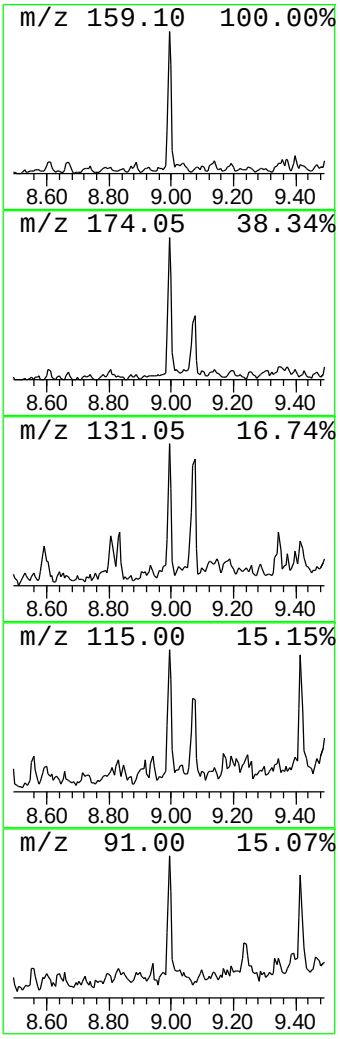
**********

Peak Number 4 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.99 | 4.43 ng | 295290 | Acenaphthene-d10 | 9.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro-3,4,... | 174 | C12H14O | 035322-84-0 | 93 |
| 2 | 1H-Inden-1-one, 2,3-dihydro-3,3,... | 174 | C12H14O | 054484-71-8 | 90 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 000475-03-6 | 87 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 021693-55-0 | 81 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 021693-51-6 | 81 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

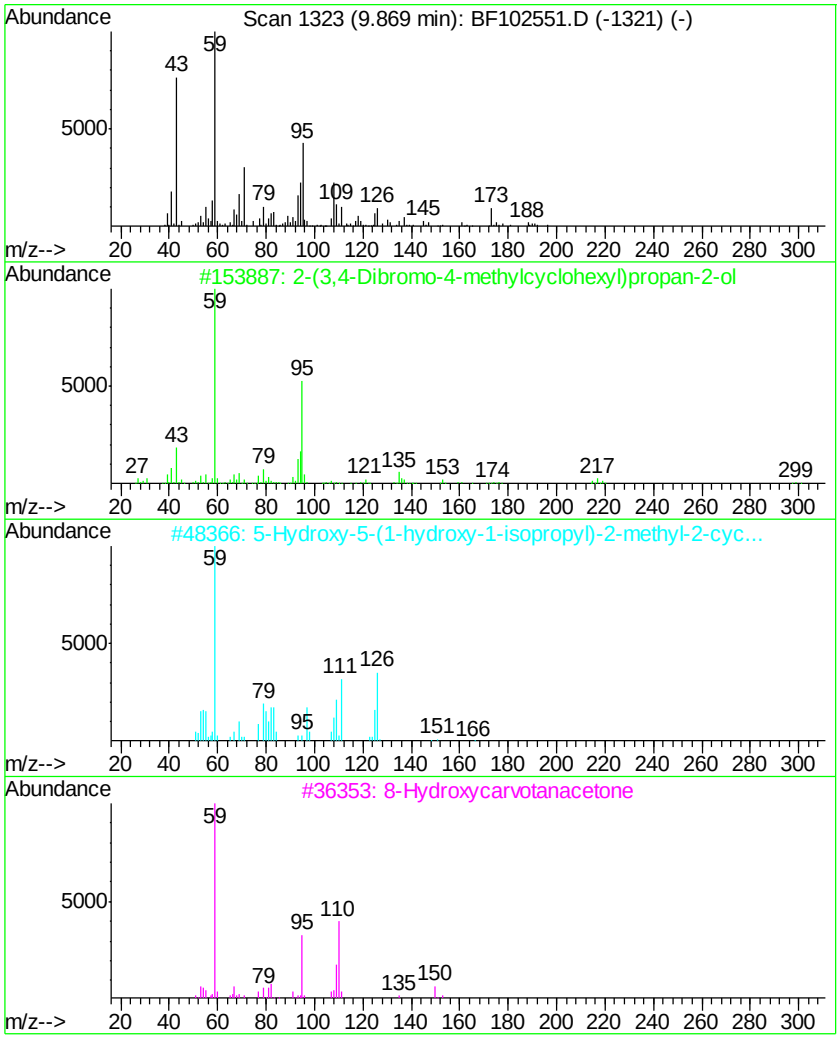
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

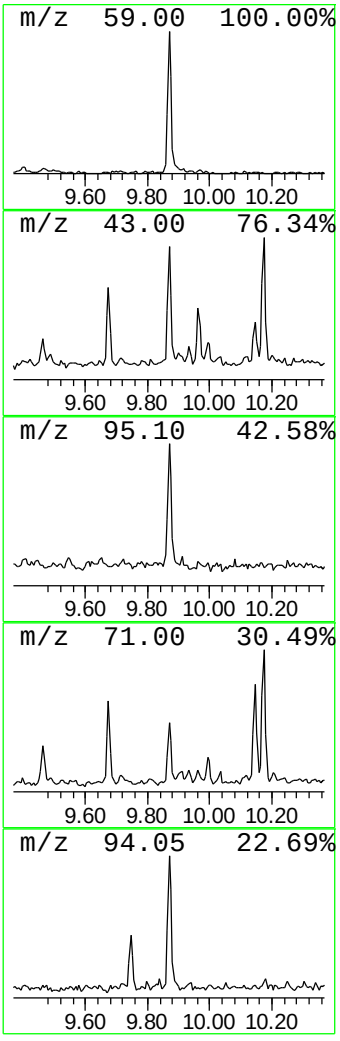
**********

Peak Number 5 unknown9.87 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.87 | 2.64 ng | 175679 | Acenaphthene-d10 | 9.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(3,4-Dibromo-4-methylcyclohexy... | 312 | C10H18Br2O | 110202-13-6 | 43 |
| 2 | 5-Hydroxy-5-(1-hydroxy-1-isoprop... | 184 | C10H16O3 | 097762-08-8 | 35 |
| 3 | 8-Hydroxycarvotanacetone | 168 | C10H16O2 | 007712-46-1 | 28 |
| 4 | 2-Propanol, 1-(isooctyloxy)-2-me... | 202 | C12H26O2 | 056282-27-0 | 25 |
| 5 | Butanamide, 3,3-dimethyl- | 115 | C6H13NO | 000926-04-5 | 22 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

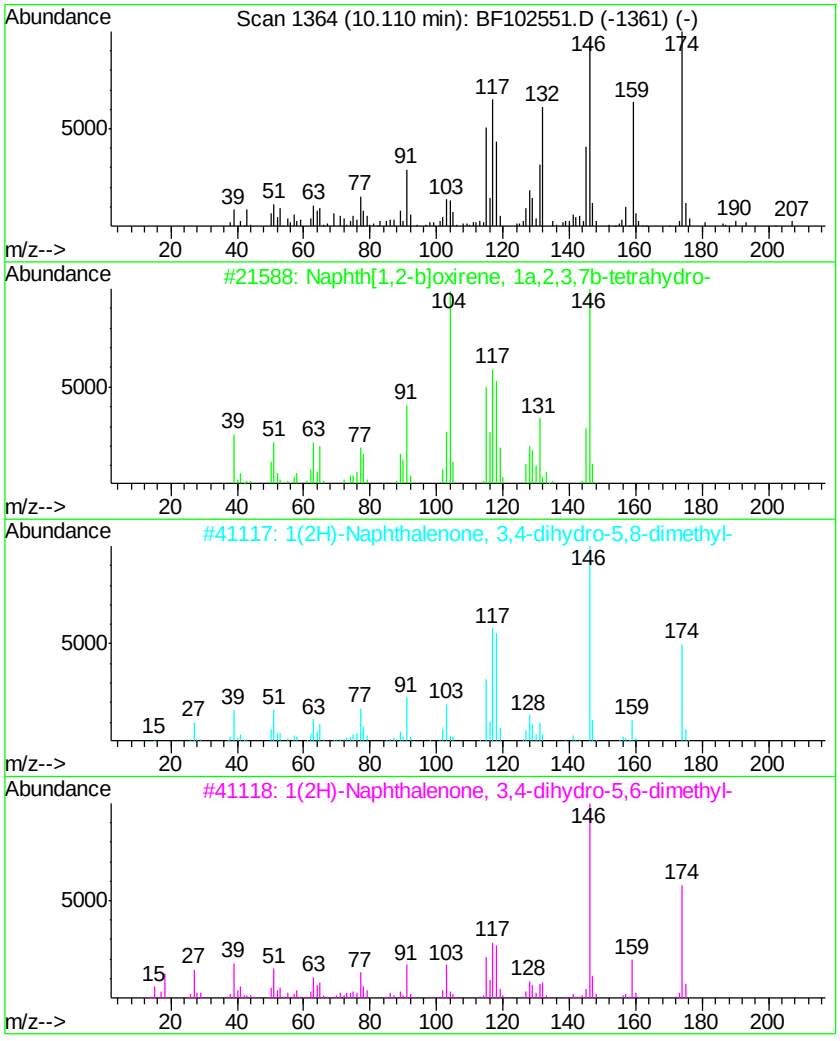
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

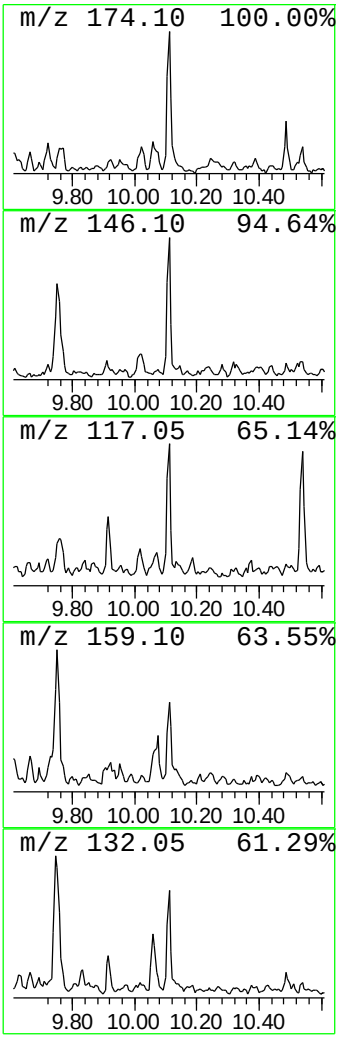
**********

Peak Number 6 Naphth[1,2-b]oxirene, 1a,2,... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.11 | 2.36 ng | 157193 | Acenaphthene-d10 | 9.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphth[1,2-b]oxirene, 1a,2,3,7b-... | 146 | C10H10O | 002461-34-9 | 70 |
| 2 | 1(2H)-Naphthalenone, 3,4-dihydro... | 174 | C12H14O | 005037-63-8 | 64 |
| 3 | 1(2H)-Naphthalenone, 3,4-dihydro... | 174 | C12H14O | 032281-65-5 | 62 |
| 4 | Benzene, 1,3-diisocyanato-2-methyl- | 174 | C9H6N2O2 | 000091-08-7 | 60 |
| 5 | 1(2H)-Naphthalenone, 8-ethyl-3,4... | 174 | C12H14O | 051015-33-9 | 60 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

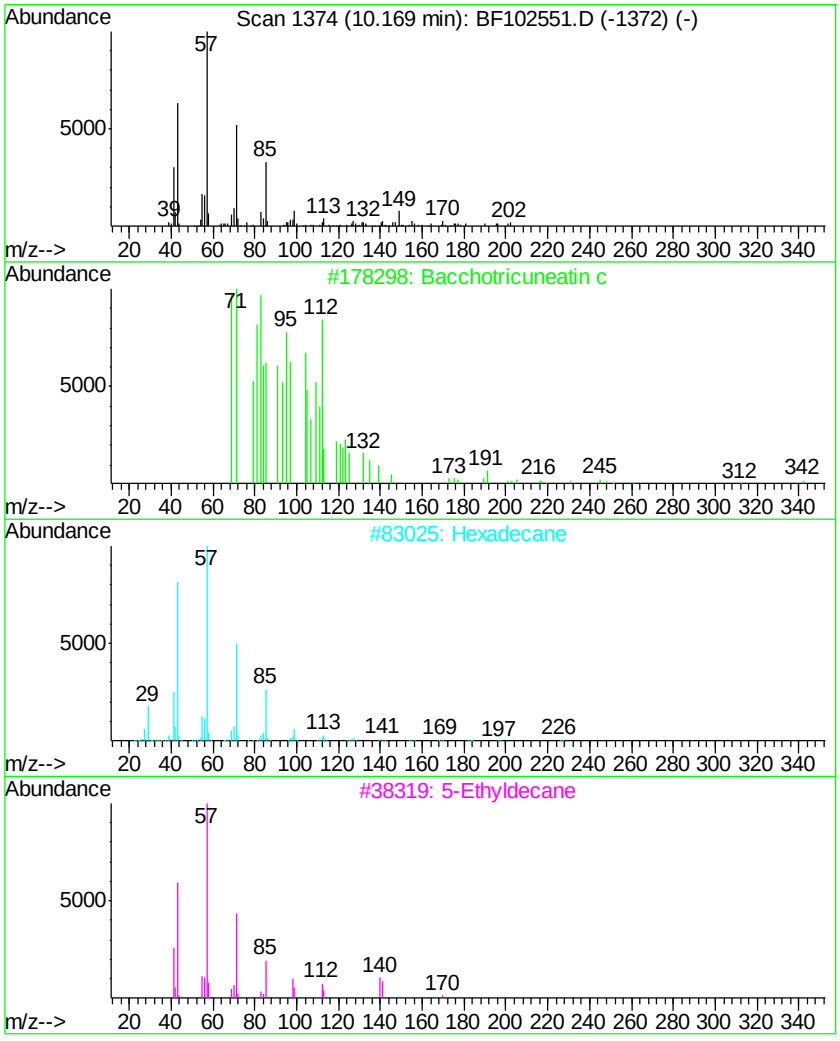
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

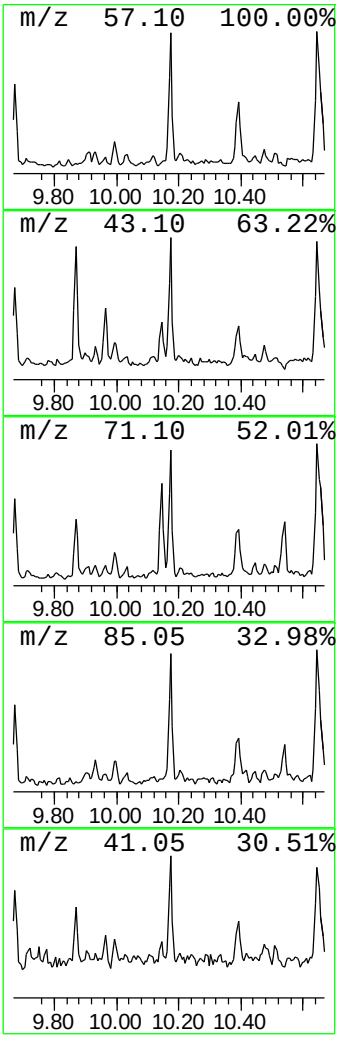
**********

Peak Number 7 Bacchotricuneatin c Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.17 | 2.41 ng | 160651 | Acenaphthene-d10 | 9.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 97 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 3 | 5-Ethyldecane | 170 | C12H26 | 017302-36-2 | 87 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

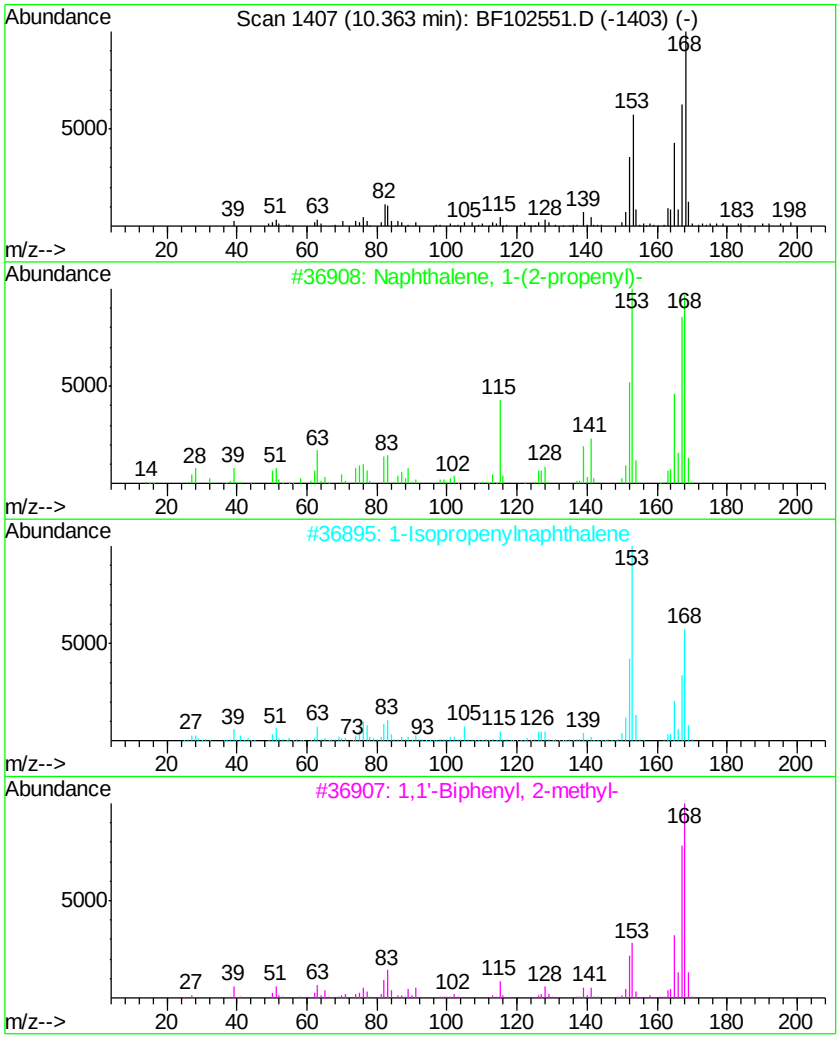
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

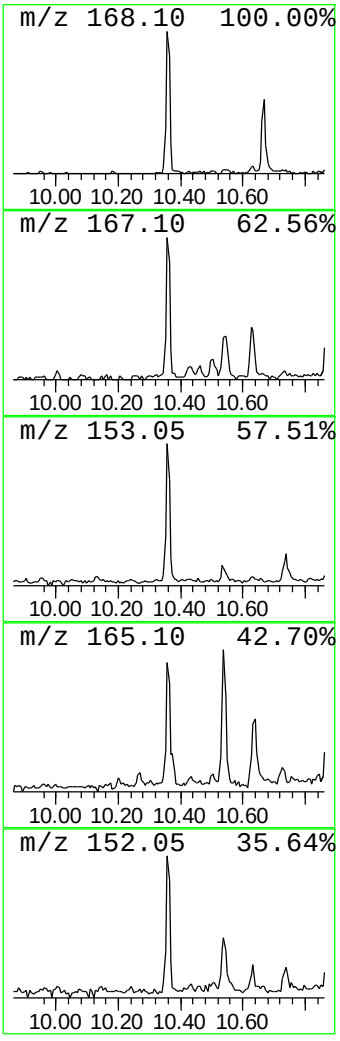
**********

Peak Number 8 Naphthalene, 1-(2-propenyl)- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.36 | 2.12 ng | 141428 | Acenaphthene-d10 | 9.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-(2-propenyl)- | 168 | C13H12 | 002489-86-3 | 81 |
| 2 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 81 |
| 3 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 74 |
| 4 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 64 |
| 5 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 58 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

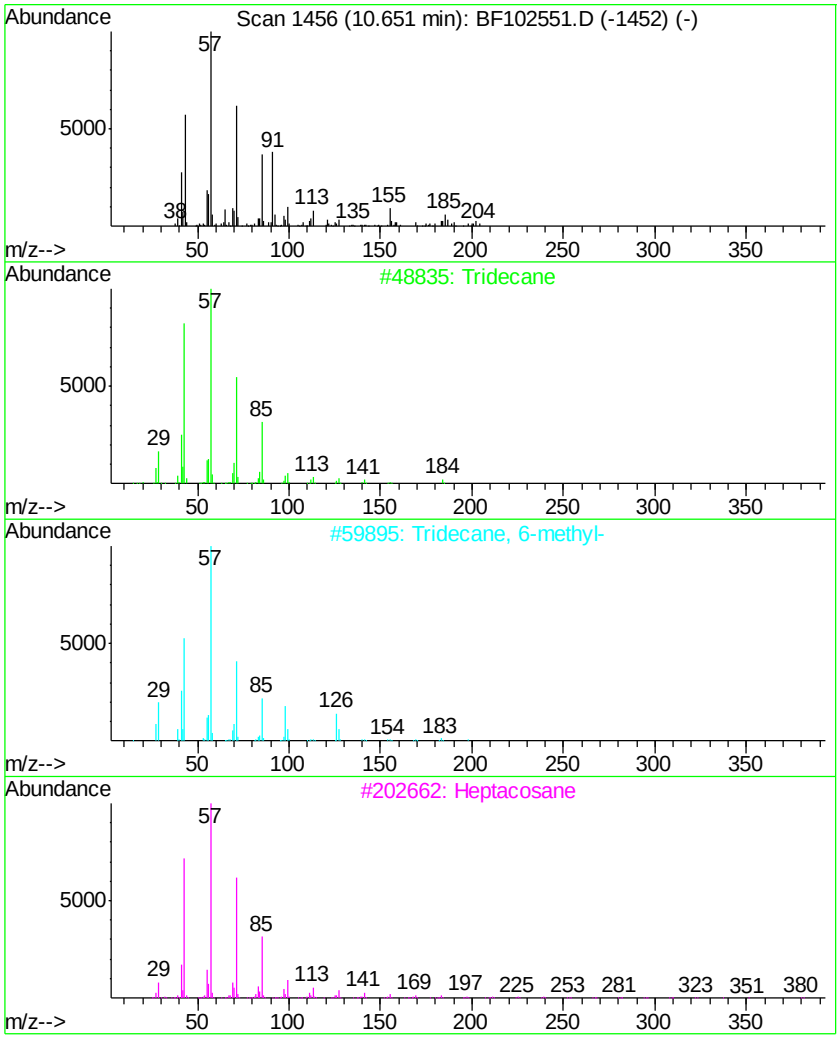
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

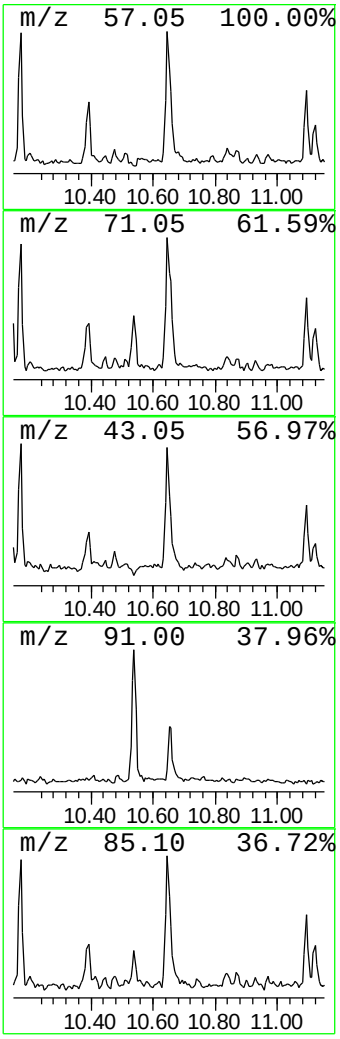
**********

Peak Number 9 Tridecane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.65 | 7.88 ng | 371542 | Phenanthrene-d10 | 11.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 95 |
| 2 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 90 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 5 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 86 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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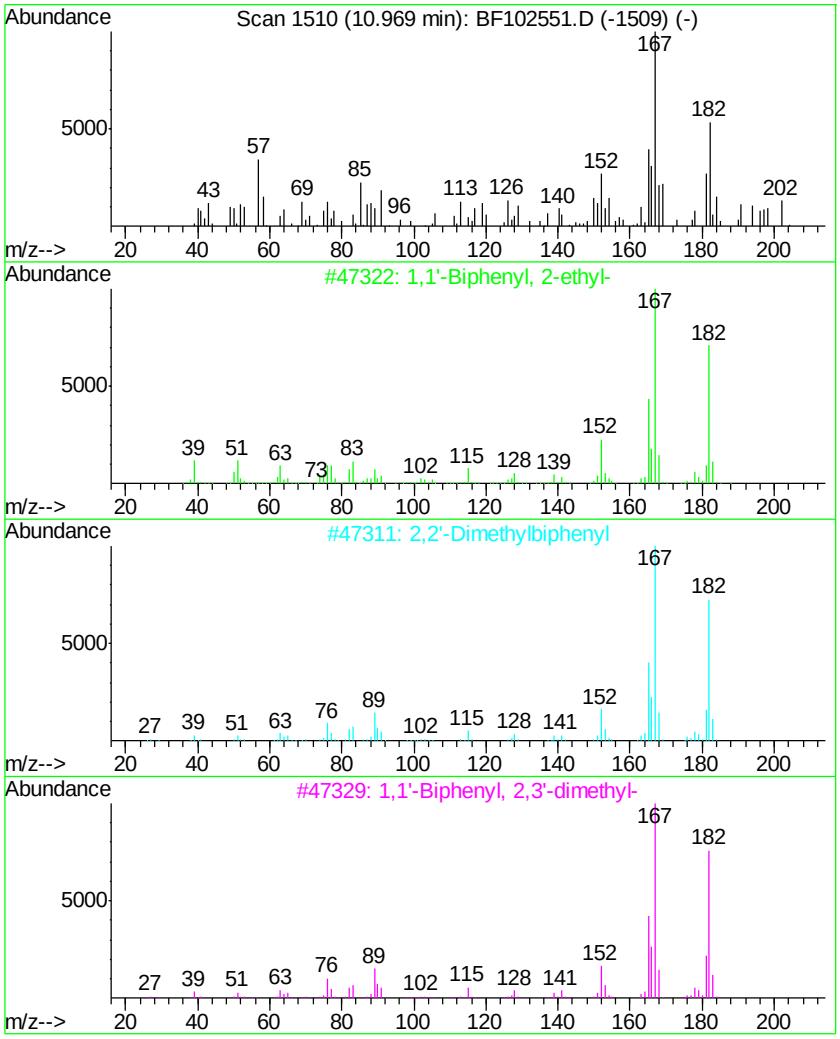
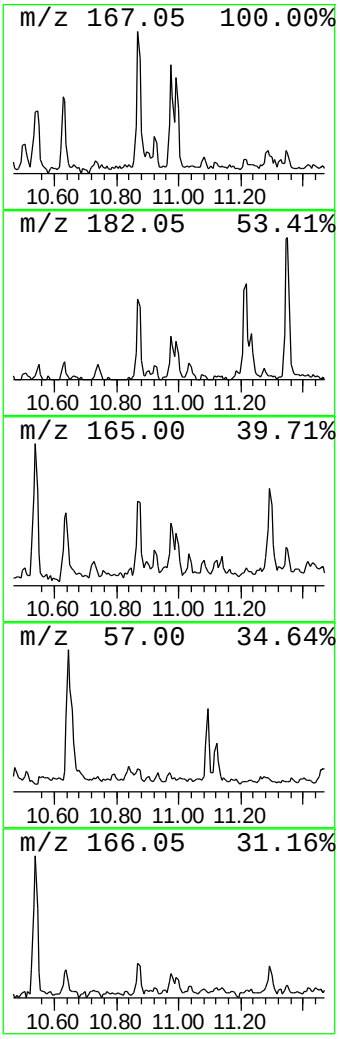
Peak Number 10 1,1'-Biphenyl, 2-ethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.97 | 2.23 ng | 105147 | Phenanthrene-d10 | 11.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2-ethyl- | 182 | C14H14 | 001812-51-7 | 90 |
| 2 | 2,2'-Dimethylbiphenyl | 182 | C14H14 | 000605-39-0 | 81 |
| 3 | 1,1'-Biphenyl, 2,3'-dimethyl- | 182 | C14H14 | 000611-43-8 | 76 |
| 4 | Benzene, 1-methyl-4-(phenylmethyl)- | 182 | C14H14 | 000620-83-7 | 76 |
| 5 | Benzene, 1-methyl-3-(phenylmethyl)- | 182 | C14H14 | 000620-47-3 | 76 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

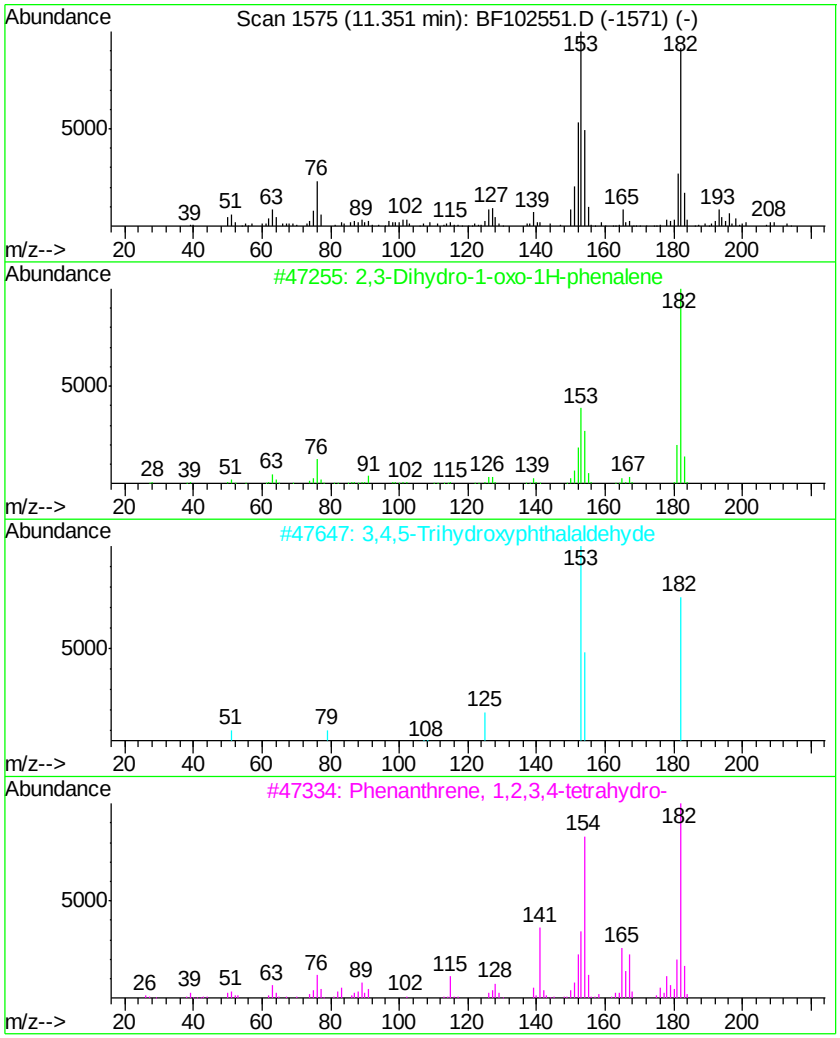
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

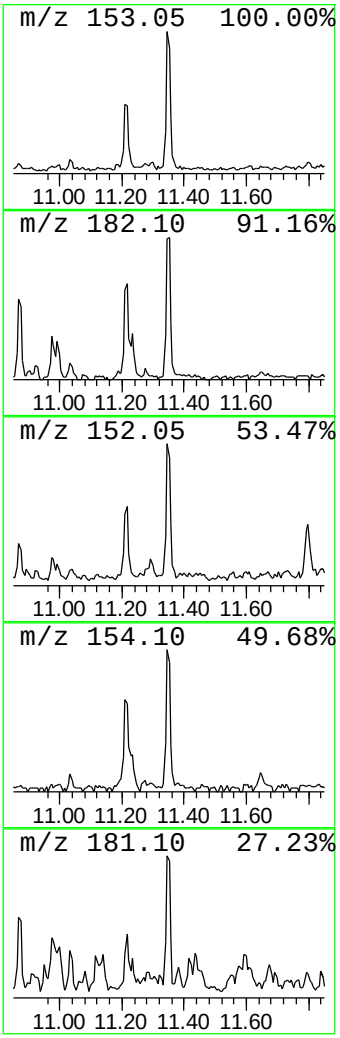
**********

Peak Number 11 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.35 | 3.42 ng | 160951 | Phenanthrene-d10 | 11.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,3-Dihydro-1-oxo-1H-phenalene | 182 | C13H10O | 000518-85-4 | 91 |
| 2 | 3,4,5-Trihydroxyphthalaldehyde | 182 | C8H6O5 | 016790-41-3 | 50 |
| 3 | Phenanthrene, 1,2,3,4-tetrahydro- | 182 | C14H14 | 001013-08-7 | 47 |
| 4 | 9H-Pyrido[3,4-b]indole, 1-methyl- | 182 | C12H10N2 | 000486-84-0 | 45 |
| 5 | 4-Ethoxy-3-methoxybenzyl alcohol | 182 | C10H14O3 | 061813-58-9 | 43 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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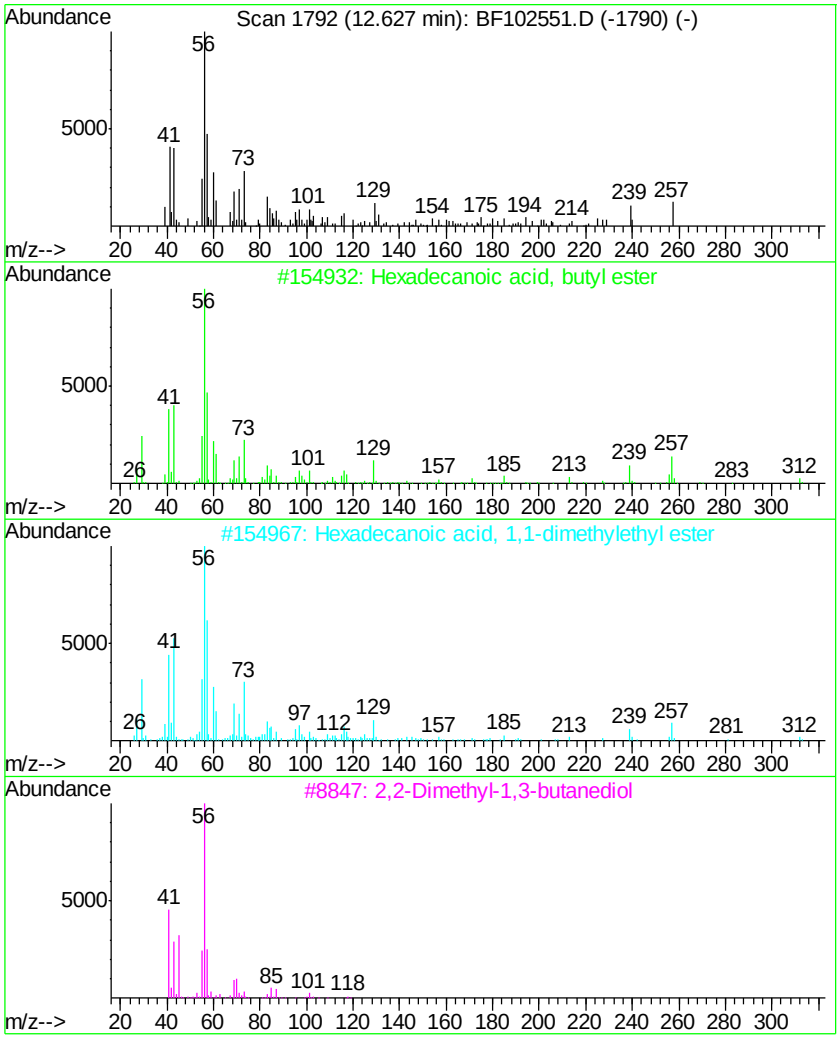
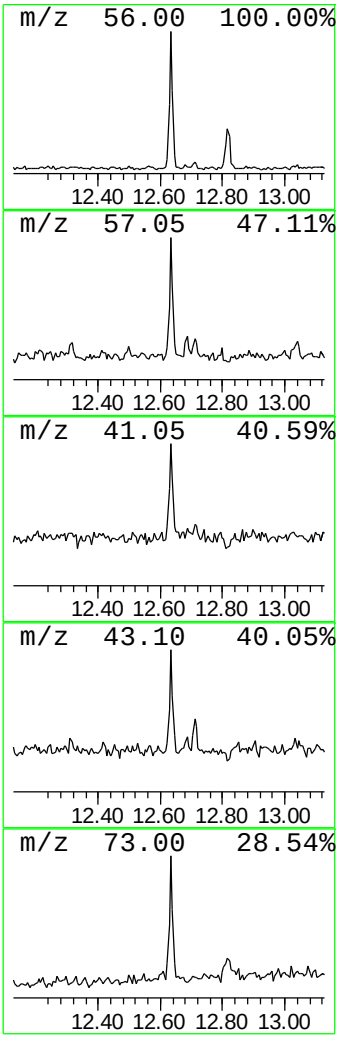
Peak Number 12 Hexadecanoic acid, butyl ester Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.63 | 3.02 ng | 130363 | Chrysene-d12 | 13.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, butyl ester | 312 | C20H40O2 | 000111-06-8 | 91 |
| 2 | Hexadecanoic acid, 1,1-dimethyle... | 312 | C20H40O2 | 031158-91-5 | 91 |
| 3 | 2,2-Dimethyl-1,3-butanediol | 118 | C6H14O2 | 000076-35-7 | 38 |
| 4 | Cyclopentanecarboxylic acid, 2-a... | 129 | C6H11NO2 | 037910-65-9 | 35 |
| 5 | Cyclobutane, 1-hexyl-2,3-dimethyl- | 168 | C12H24 | 055170-84-8 | 35 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

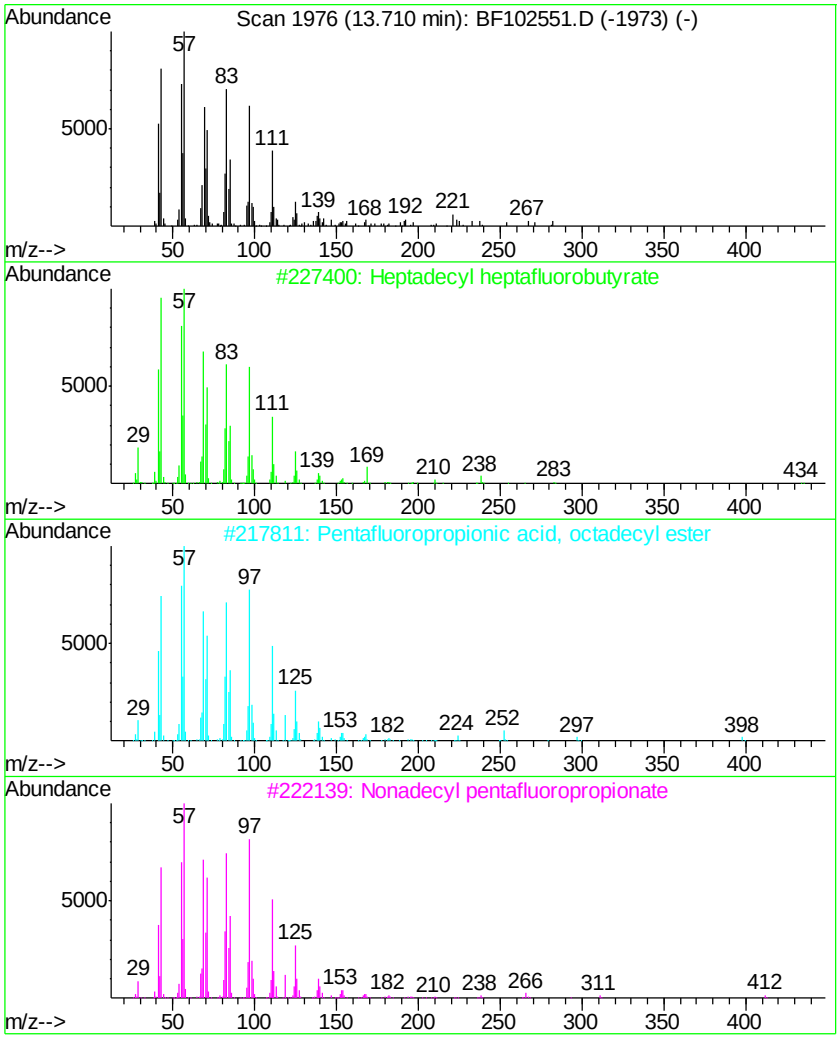
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

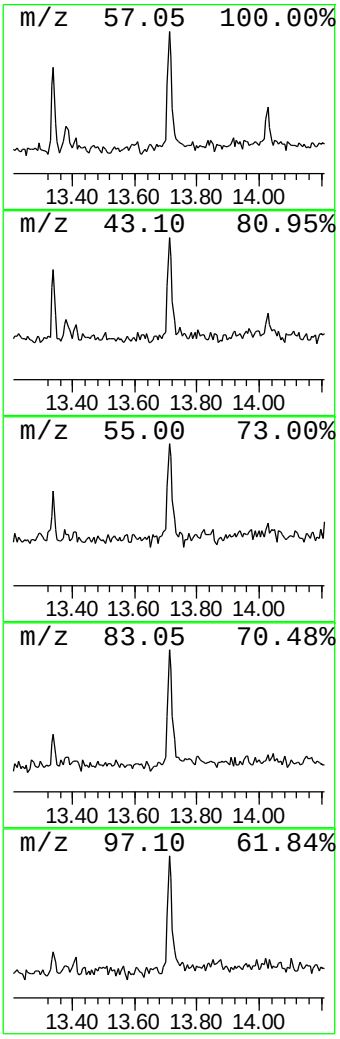
**********

Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.71 | 3.22 ng | 138951 | Chrysene-d12 | 13.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 93 |
| 2 | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7 | 91 |
| 3 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91 |
| 4 | Octadecyl trifluoroacetate | 366 | C20H37F3O2 | 079392-43-1 | 90 |
| 5 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102551.D
Acq On : 28 Jan 2018 10:37
Operator : SJ/JU
Sample : J1321-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OWL-C6-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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 |
| unknown6.49 | 6.49 | 71.4 | ng | 3482950 | 1 | 6.71 | 975763 | 20.0 |
| Cyclopentasiloxan... | 7.46 | 2.2 | ng | 121478 | 2 | 7.99 | 1106540 | 20.0 |
| 1H-Inden-1-one, 2... | 8.99 | 4.4 | ng | 295290 | 3 | 9.75 | 1332650 | 20.0 |
| unknown9.87 | 9.87 | 2.6 | ng | 175679 | 3 | 9.75 | 1332650 | 20.0 |
| Naphth[1,2-b]oxir... | 10.11 | 2.4 | ng | 157193 | 3 | 9.75 | 1332650 | 20.0 |
| Bacchotricuneatin c | 10.17 | 2.4 | ng | 160651 | 3 | 9.75 | 1332650 | 20.0 |
| Naphthalene, 1-(2... | 10.36 | 2.1 | ng | 141428 | 3 | 9.75 | 1332650 | 20.0 |
| Tridecane | 10.65 | 7.9 | ng | 371542 | 4 | 11.23 | 942599 | 20.0 |
| 1,1'-Biphenyl, 2-... | 10.97 | 2.2 | ng | 105147 | 4 | 11.23 | 942599 | 20.0 |
| 2,3-Dihydro-1-oxo... | 11.35 | 3.4 | ng | 160951 | 4 | 11.23 | 942599 | 20.0 |
| Hexadecanoic acid... | 12.63 | 3.0 | ng | 130363 | 5 | 13.87 | 862027 | 20.0 |
| Heptadecyl heptaf... | 13.71 | 3.2 | ng | 138951 | 5 | 13.87 | 862027 | 20.0 |