LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

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-BF043015.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 | 1.324 | 10 | 12 | 15 | rBV | 4276584 | 5208479 | 36.16% | 13.322% |
| 2 | 1.473 | 21 | 25 | 27 | rBV | 7036435 | 14402123 | 100.00% | 36.836% |
| 3 | 1.621 | 32 | 38 | 41 | rVB2 | 176840 | 361676 | 2.51% | 0.925% |
| 4 | 1.793 | 51 | 53 | 62 | rVB | 305828 | 546050 | 3.79% | 1.397% |
| 5 | 2.055 | 74 | 76 | 92 | rVB | 116628 | 243105 | 1.69% | 0.622% |
| 6 | 4.947 | 327 | 329 | 336 | rBV | 266043 | 405775 | 2.82% | 1.038% |
| 7 | 5.473 | 372 | 375 | 377 | rBV | 1020080 | 1391053 | 9.66% | 3.558% |
| 8 | 6.753 | 484 | 487 | 489 | rBV | 991489 | 1413806 | 9.82% | 3.616% |
| 9 | 6.890 | 496 | 499 | 501 | rBV | 1616115 | 1521512 | 10.56% | 3.892% |
| 10 | 7.176 | 522 | 524 | 527 | rBV | 502374 | 454046 | 3.15% | 1.161% |
| 11 | 7.359 | 538 | 540 | 543 | rVB | 1066878 | 1137439 | 7.90% | 2.909% |
| 12 | 7.873 | 582 | 585 | 587 | rBV | 944620 | 932189 | 6.47% | 2.384% |
| 13 | 8.753 | 660 | 662 | 664 | rBV | 685167 | 612903 | 4.26% | 1.568% |
| 14 | 10.102 | 778 | 780 | 782 | rBV | 1884804 | 1643519 | 11.41% | 4.204% |
| 15 | 10.925 | 850 | 852 | 854 | rBV | 710269 | 644488 | 4.47% | 1.648% |
| 16 | 11.908 | 935 | 938 | 940 | rBV | 936732 | 1078023 | 7.49% | 2.757% |
| 17 | 12.765 | 1010 | 1013 | 1015 | rBV | 707845 | 728660 | 5.06% | 1.864% |
| 18 | 13.657 | 1087 | 1091 | 1092 | rBV2 | 88786 | 168145 | 1.17% | 0.430% |
| 19 | 13.759 | 1098 | 1100 | 1102 | rVB2 | 153515 | 157298 | 1.09% | 0.402% |
| 20 | 13.965 | 1115 | 1118 | 1123 | rVB2 | 184476 | 322648 | 2.24% | 0.825% |
| 21 | 14.068 | 1123 | 1127 | 1129 | rBV3 | 84699 | 190662 | 1.32% | 0.488% |
| 22 | 14.274 | 1143 | 1145 | 1147 | rVB | 189862 | 204846 | 1.42% | 0.524% |
| 23 | 14.342 | 1149 | 1151 | 1154 | rVB | 734107 | 810790 | 5.63% | 2.074% |
| 24 | 14.548 | 1167 | 1169 | 1171 | rVB | 201950 | 227659 | 1.58% | 0.582% |
| 25 | 14.765 | 1185 | 1188 | 1190 | rVV | 1289287 | 1406648 | 9.77% | 3.598% |
| 26 | 14.925 | 1199 | 1202 | 1204 | rBV | 108108 | 155087 | 1.08% | 0.397% |
| 27 | 15.943 | 1289 | 1291 | 1297 | rBV2 | 163280 | 345322 | 2.40% | 0.883% |
| 28 | 16.057 | 1297 | 1301 | 1302 | rVV2 | 579633 | 908434 | 6.31% | 2.323% |
| 29 | 16.080 | 1302 | 1303 | 1309 | rVB2 | 97620 | 214547 | 1.49% | 0.549% |
| 30 | 17.211 | 1400 | 1402 | 1408 | rVB2 | 96313 | 165840 | 1.15% | 0.424% |
| 31 | 17.337 | 1411 | 1413 | 1418 | rBV | 92564 | 183909 | 1.28% | 0.470% |
| 32 | 17.783 | 1449 | 1452 | 1455 | rBV | 601497 | 752435 | 5.22% | 1.924% |
| 33 | 18.320 | 1497 | 1499 | 1504 | rVB2 | 58489 | 158692 | 1.10% | 0.406% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

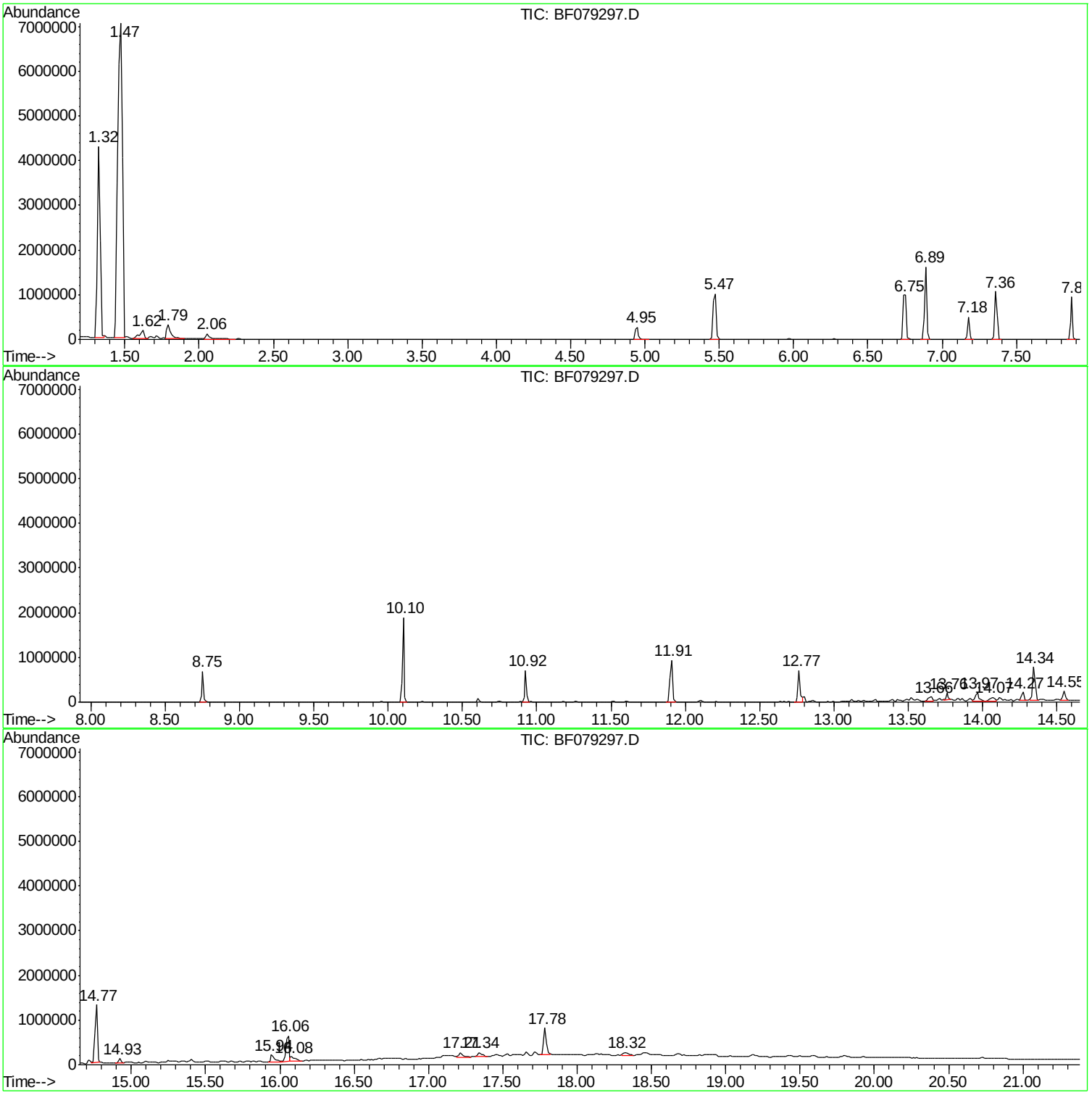
Sum of corrected areas: 39097808

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

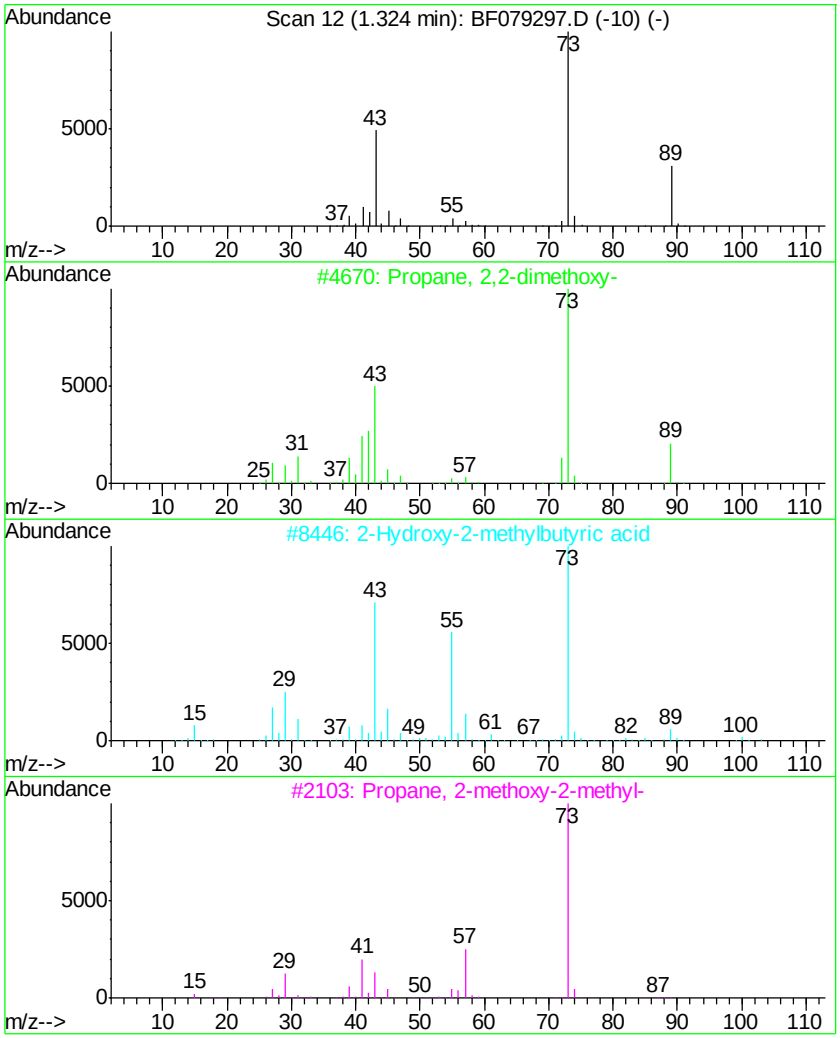
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

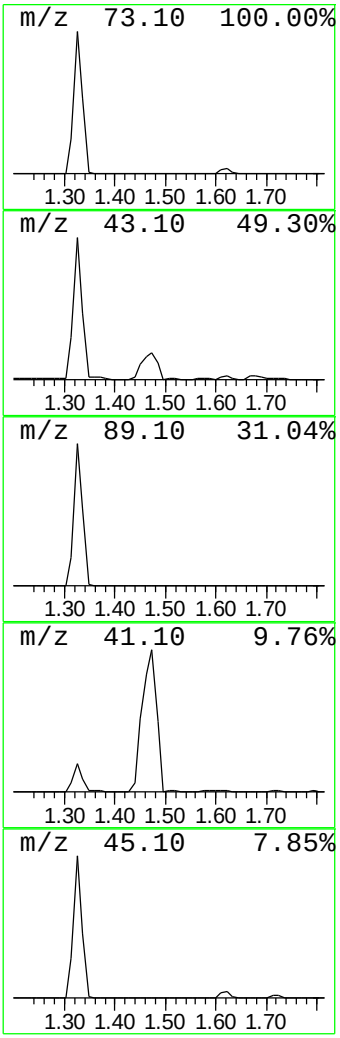
**********

Peak Number 1 unknown1.32 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.32 | 229.43 ng | 5208480 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 2,2-dimethoxy- | 104 | C5H12O2 | 000077-76-9 | 38 |
| 2 | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 9 |
| 3 | Propane, 2-methoxy-2-methyl- | 88 | C5H12O | 001634-04-4 | 9 |
| 4 | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5 | 9 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 5 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

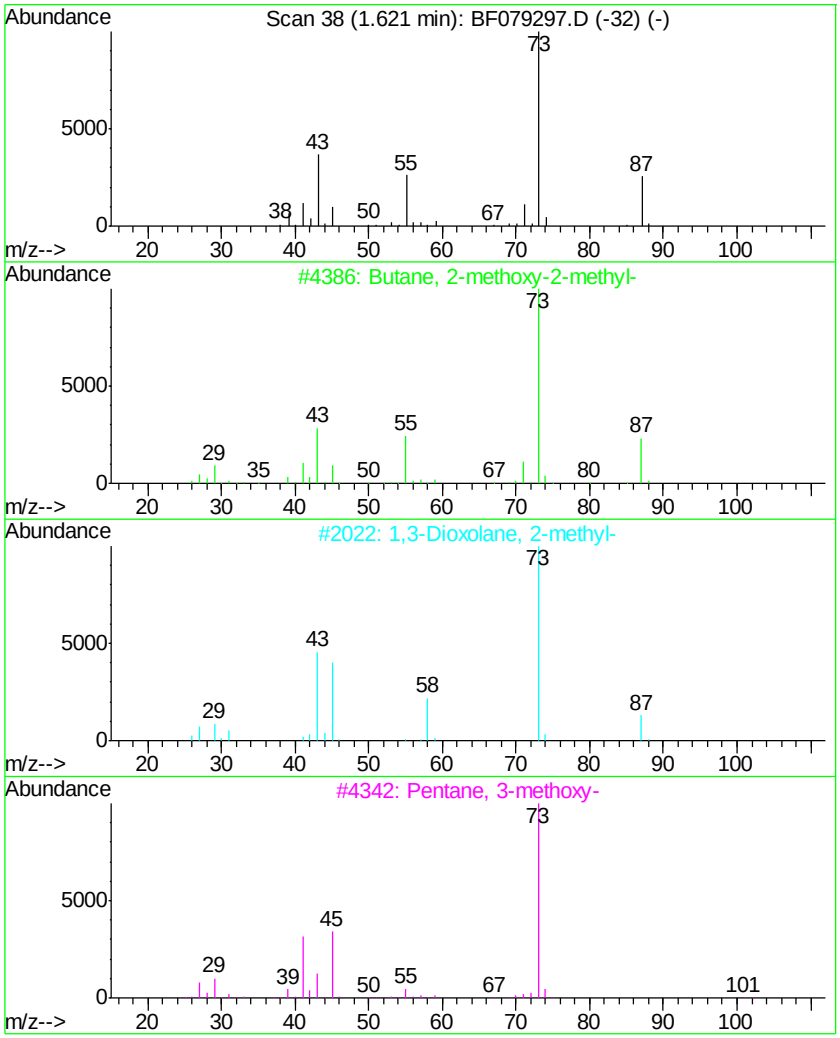
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

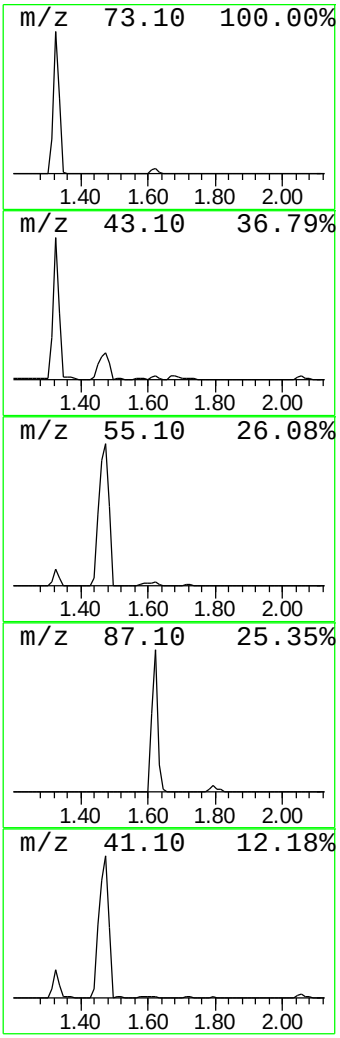
**********

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.62 | 15.93 ng | 361676 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 3 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |
| 4 | 3-Hexanol, 2-methyl- | 116 | C7H16O | 000617-29-8 | 17 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 12 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

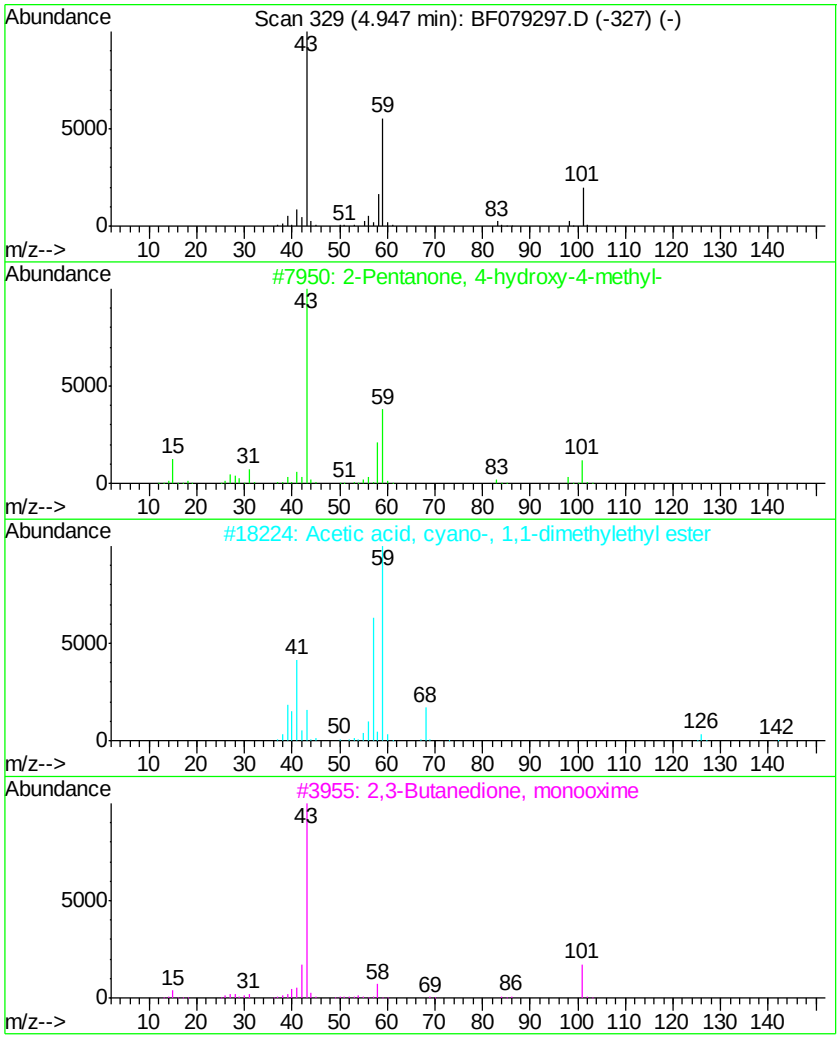
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

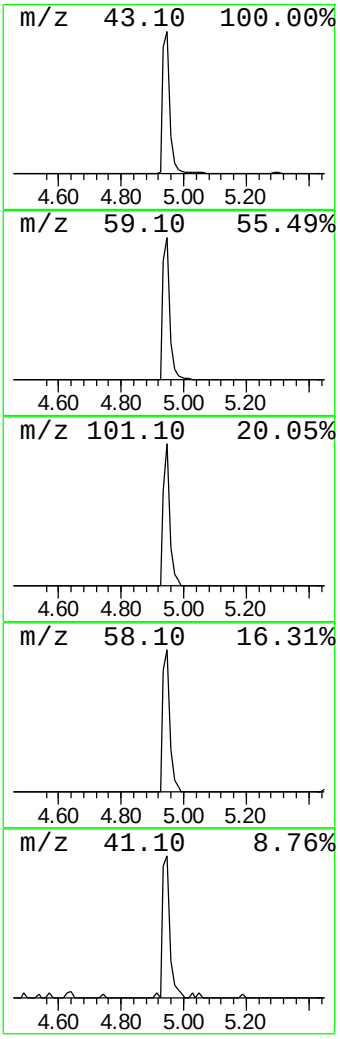
**********

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.95 | 17.87 ng | 405775 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 2-Propanone, 1-(1-methylethoxy)- | 116 | C6H12O2 | 042781-12-4 | 9 |
| 5 | 3-Hydroxy-3-methyl-2-butanone | 102 | C5H10O2 | 000115-22-0 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

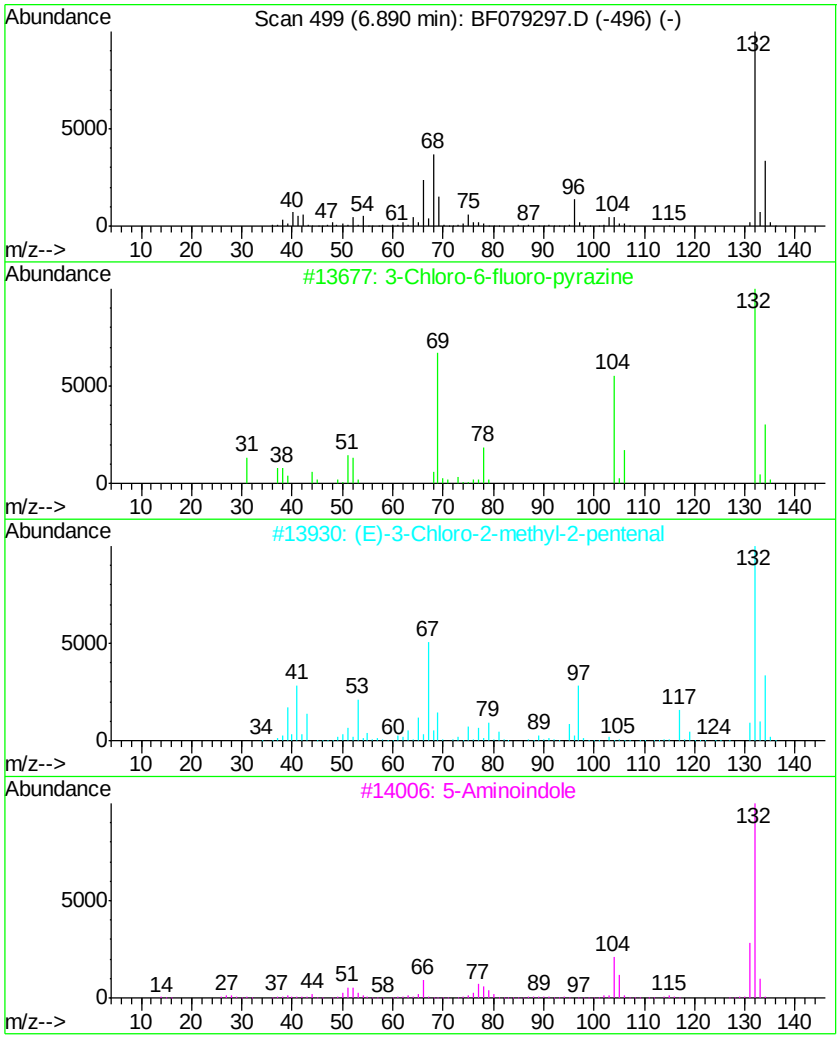
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

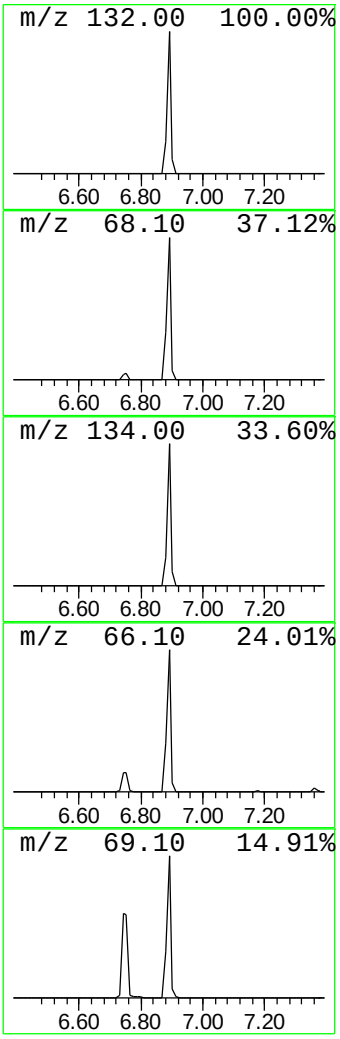
**********

Peak Number 7 unknown6.89 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.89 | 67.02 ng | 1521510 | 1,4-Dichlorobenzene-d4 | 7.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 35 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 35 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |
| 5 | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2 | 064608-59-9 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

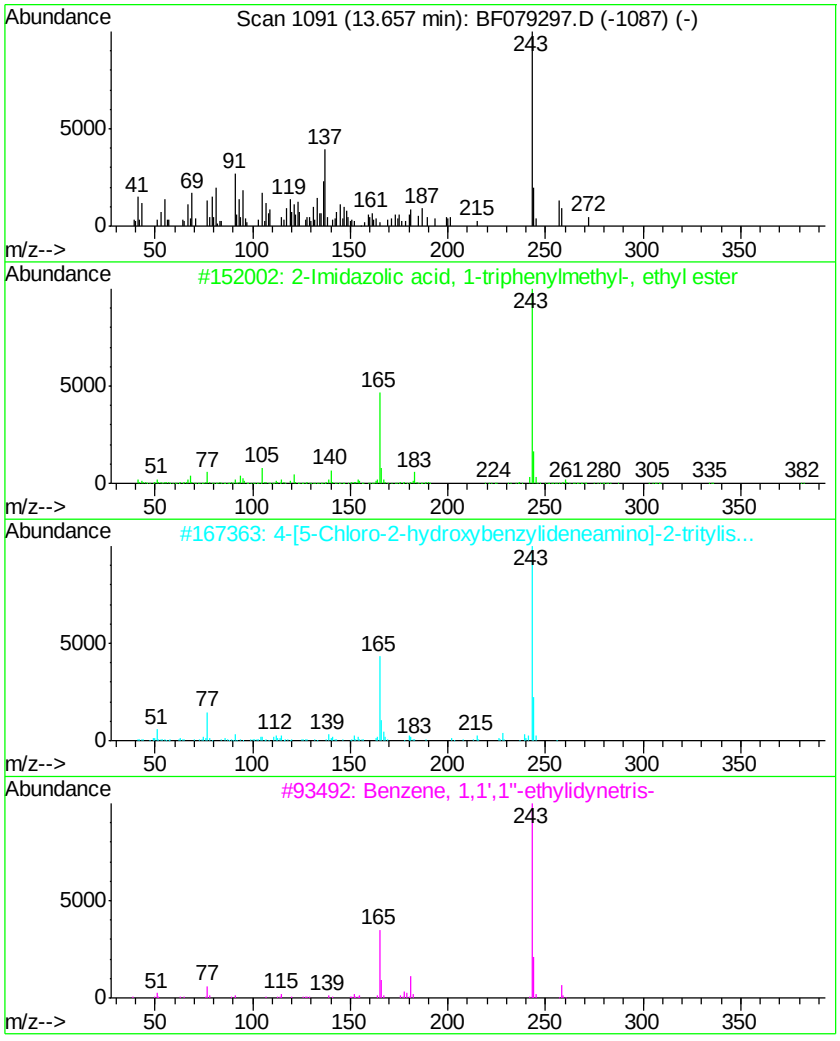
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

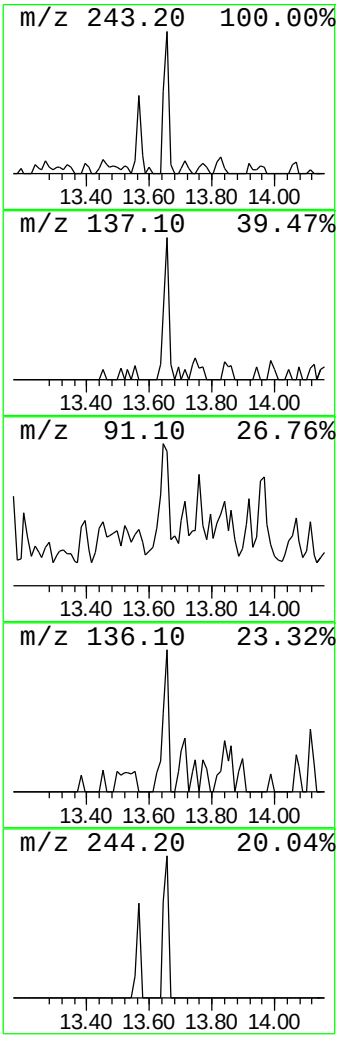
**********

Peak Number 9 unknown13.66 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.66 | 4.62 ng | 168145 | Phenanthrene-d10 | 12.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Imidazolic acid, 1-triphenylme... | 382 | C25H22N2O2 | 067478-49-3 | 38 |
| 2 | 4-[5-Chloro-2-hydroxybenzylidene... | 482 | C29H23ClN2O3 | 016561-89-0 | 38 |
| 3 | Benzene, 1,1',1''-ethylidynetris- | 258 | C20H18 | 005271-39-6 | 38 |
| 4 | 1,1,1-triphenyl-2-decanone | 384 | C28H32O | 072152-27-3 | 38 |
| 5 | 7-Acetyl-6-ethyl-1,1,4,4-tetrame... | 258 | C18H26O | 000088-29-9 | 35 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

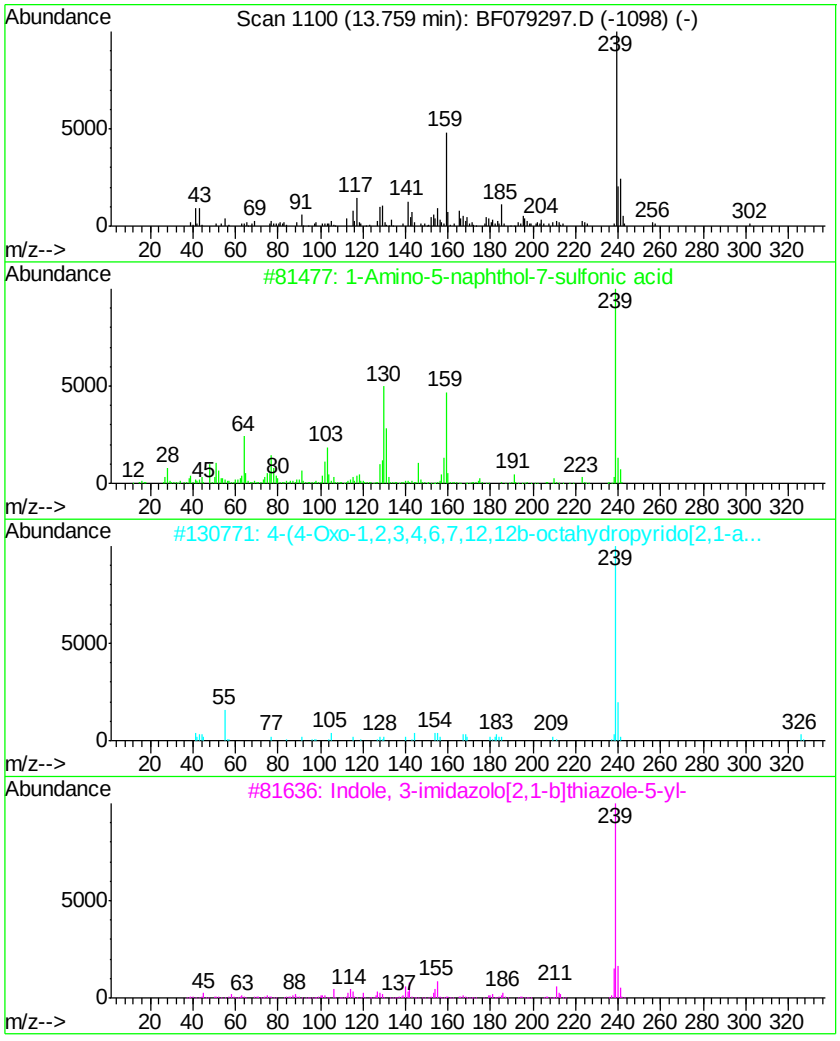
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

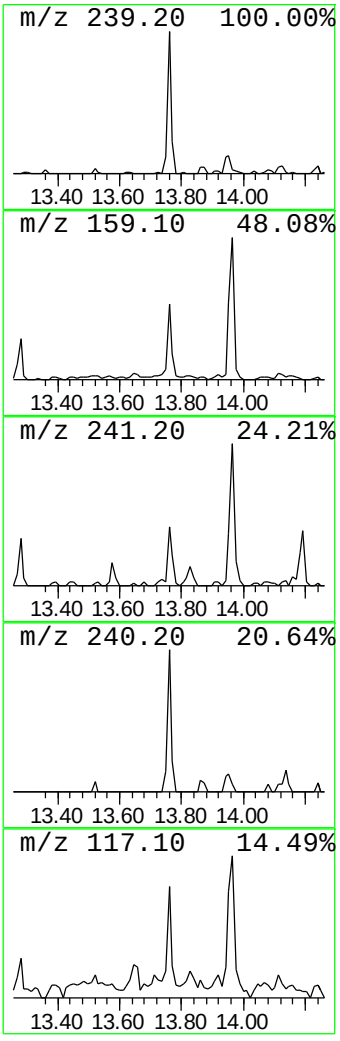
**********

Peak Number 10 unknown13.76 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.76 | 4.32 ng | 157298 | Phenanthrene-d10 | 12.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Amino-5-naphthol-7-sulfonic acid | 239 | C10H9NO4S | 000489-78-1 | 42 |
| 2 | 4-(4-Oxo-1,2,3,4,6,7,12,12b-octa... | 326 | C19H22N2O3 | 1000137-91-1 | 38 |
| 3 | Indole, 3-imidazolo[2,1-b]thiazo... | 239 | C13H9N3S | 292855-05-1 | 32 |
| 4 | 9-Oxo-9,10-dihydroacridine-2-car... | 239 | C14H9NO3 | 042946-36-1 | 32 |
| 5 | 3-[1-Naphthyl]-5-hydroxyiminomet... | 239 | C13H9N3O2 | 103499-04-3 | 32 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

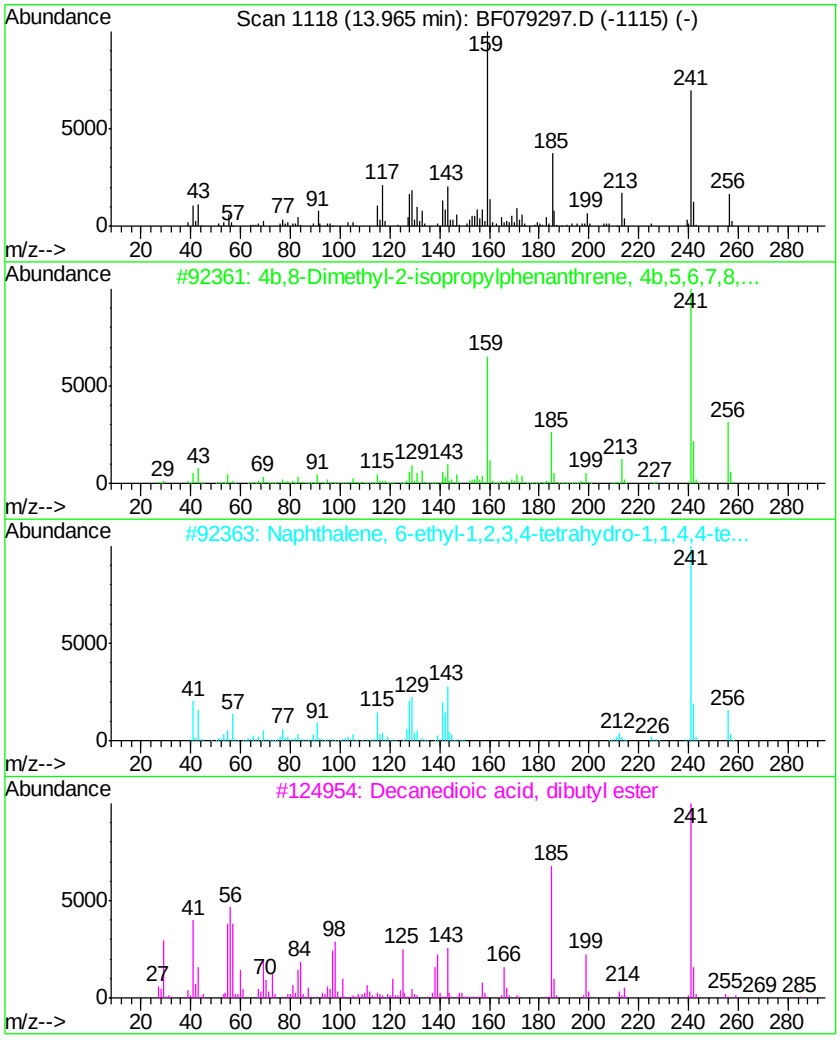
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

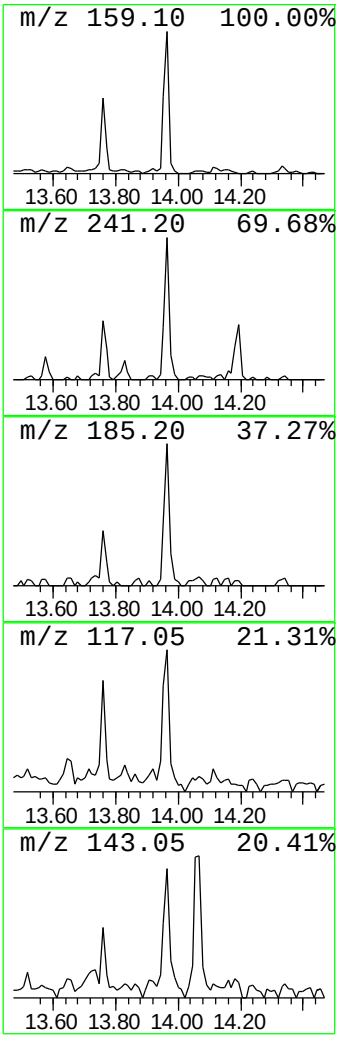
**********

Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.97 | 8.86 ng | 322648 | Phenanthrene-d10 | 12.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4b,8-Dimethyl-2-isopropylphenant... | 256 | C19H28 | 1000197-14-1 | 98 |
| 2 | Naphthalene, 6-ethyl-1,2,3,4-tet... | 256 | C19H28 | 301643-35-6 | 93 |
| 3 | Decanedioic acid, dibutyl ester | 314 | C18H34O4 | 000109-43-3 | 35 |
| 4 | s-Indacen-1(2H)-one, 3,5,6,7-tet... | 256 | C18H24O | 038754-94-8 | 30 |
| 5 | 2(1H)-Quinolinone, hydrazone | 159 | C9H9N3 | 015793-77-8 | 27 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

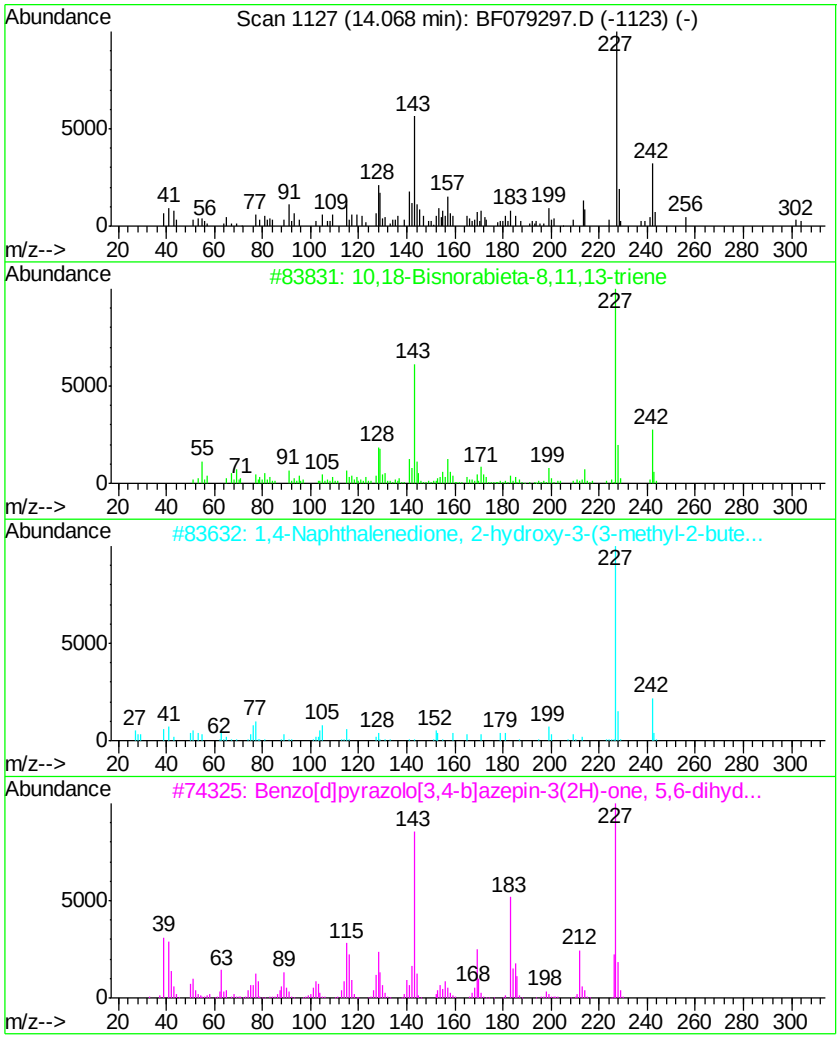
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

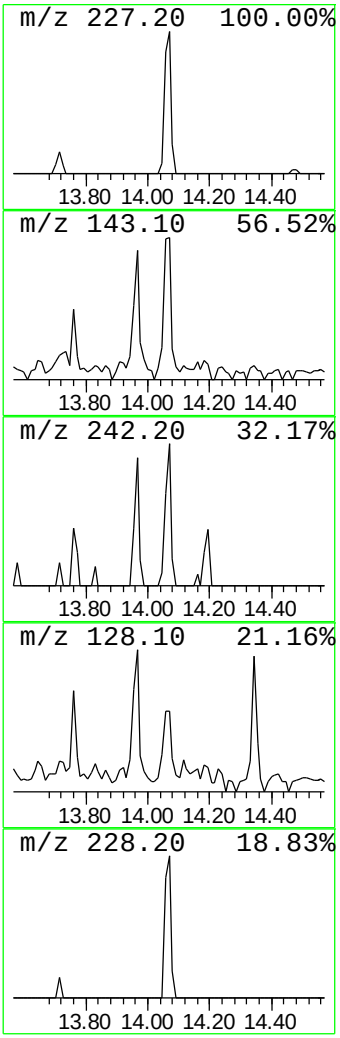
**********

Peak Number 12 10,18-Bisnorabieta-8,11,13-... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.07 | 5.23 ng | 190662 | Phenanthrene-d10 | 12.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10,18-Bisnorabieta-8,11,13-triene | 242 | C18H26 | 032624-67-2 | 98 |
| 2 | 1,4-Naphthalenedione, 2-hydroxy-... | 242 | C15H14O3 | 000084-79-7 | 60 |
| 3 | Benzo[d]pyrazolo[3,4-b]azepin-3(... | 227 | C13H13N3O | 263550-89-6 | 58 |
| 4 | 3-(6-Oxo-1-cyclohexen-1-yl)-2-in... | 227 | C14H13NO2 | 076325-86-5 | 46 |
| 5 | Benzocyclopentene, 4,6,7-triethy... | 242 | C18H26 | 1000156-41-5 | 46 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

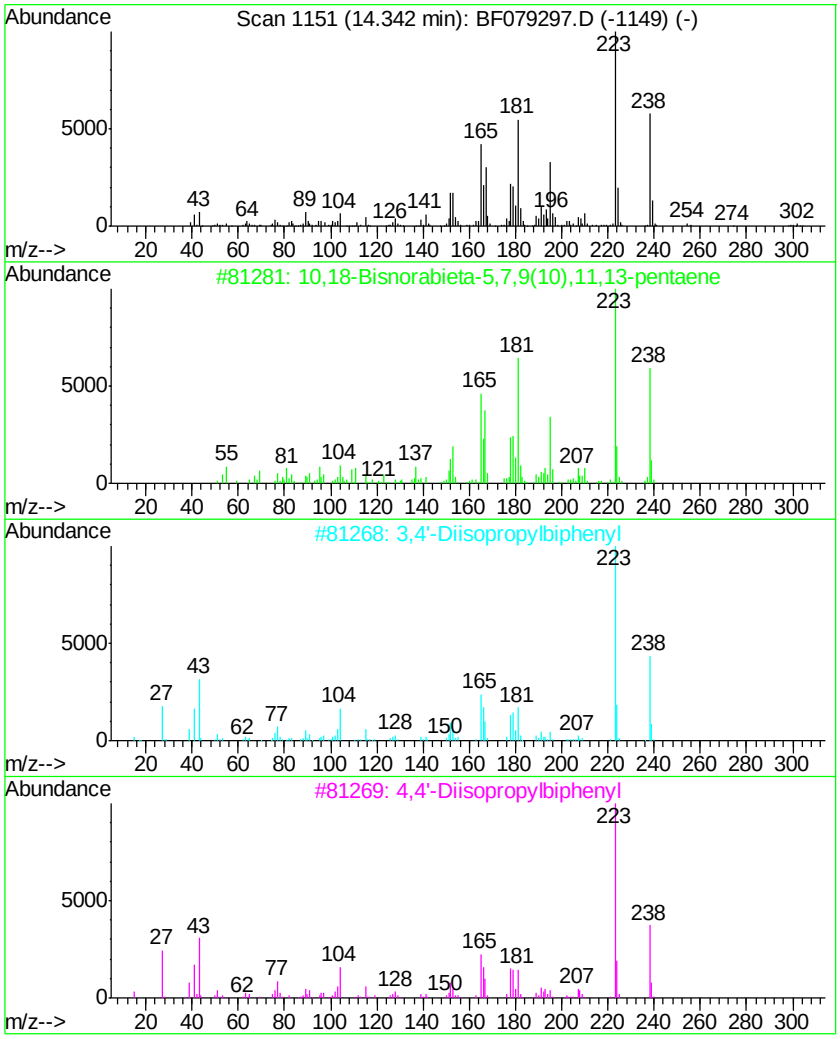
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

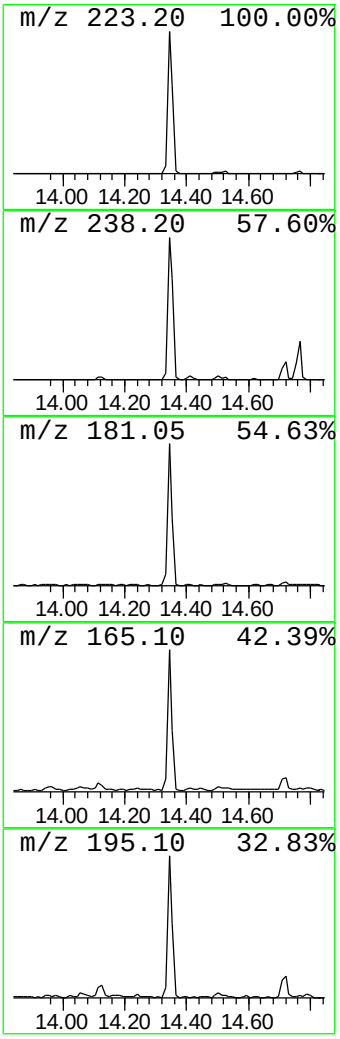
**********

Peak Number 13 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.34 | 22.25 ng | 810790 | Phenanthrene-d10 | 12.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22 | 006566-19-4 | 99 |
| 2 | 3,4'-Diisopropylbiphenyl | 238 | C18H22 | 061434-46-6 | 62 |
| 3 | 4,4'-Diisopropylbiphenyl | 238 | C18H22 | 018970-30-4 | 58 |
| 4 | 3-(N,N-Diethylamino)carbazole | 238 | C16H18N2 | 054994-31-9 | 46 |
| 5 | Anthracene, 1,4-dimethoxy- | 238 | C16H14O2 | 013076-29-4 | 43 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

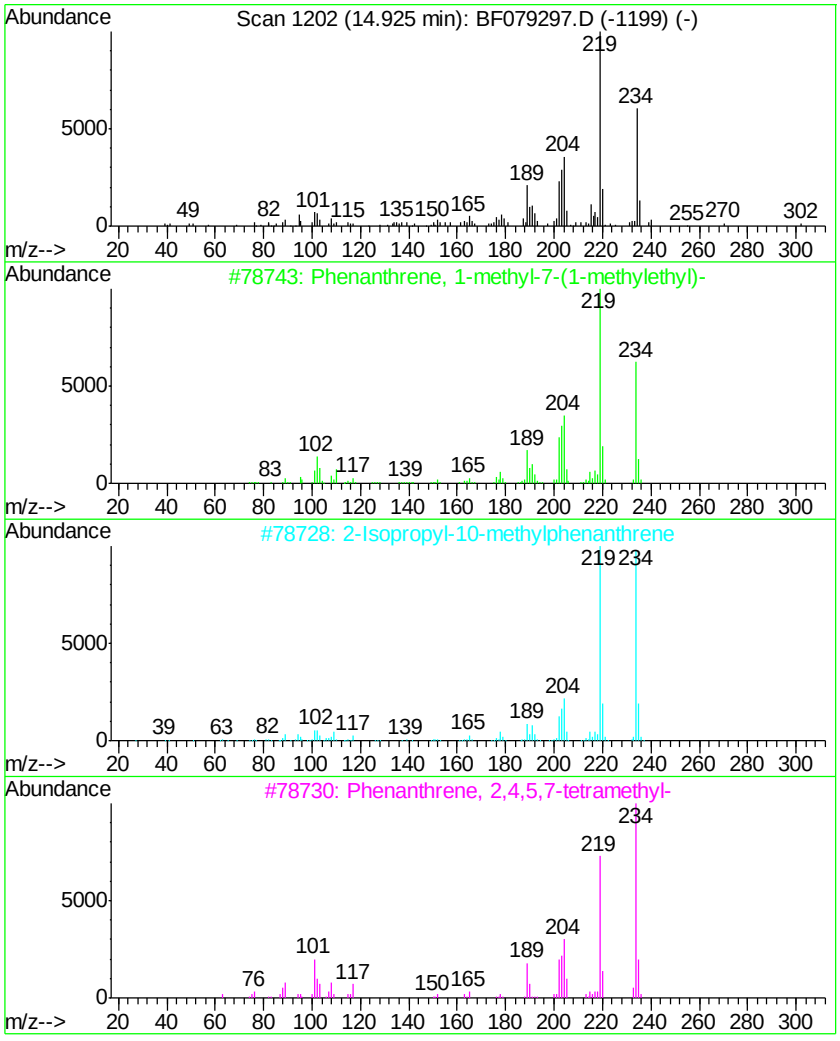
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

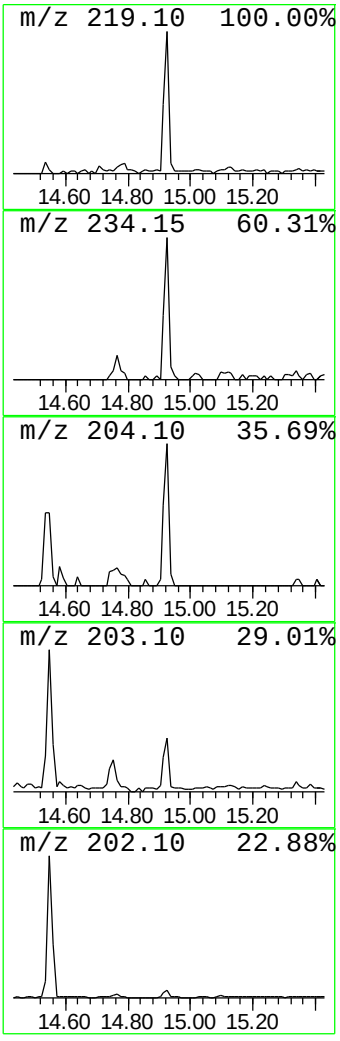
**********

Peak Number 14 Phenanthrene, 1-methyl-7-(1... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.93 | 3.41 ng | 155087 | Chrysene-d12 | 16.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl-7-(1-meth... | 234 | C18H18 | 000483-65-8 | 97 |
| 2 | 2-Isopropyl-10-methylphenanthrene | 234 | C18H18 | 066552-97-4 | 94 |
| 3 | Phenanthrene, 2,4,5,7-tetramethyl- | 234 | C18H18 | 007396-38-5 | 59 |
| 4 | Anthracene, 2-(1,1-dimethylethyl)- | 234 | C18H18 | 018801-00-8 | 58 |
| 5 | Phenanthrene, 3,4,5,6-tetramethyl- | 234 | C18H18 | 007343-06-8 | 47 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

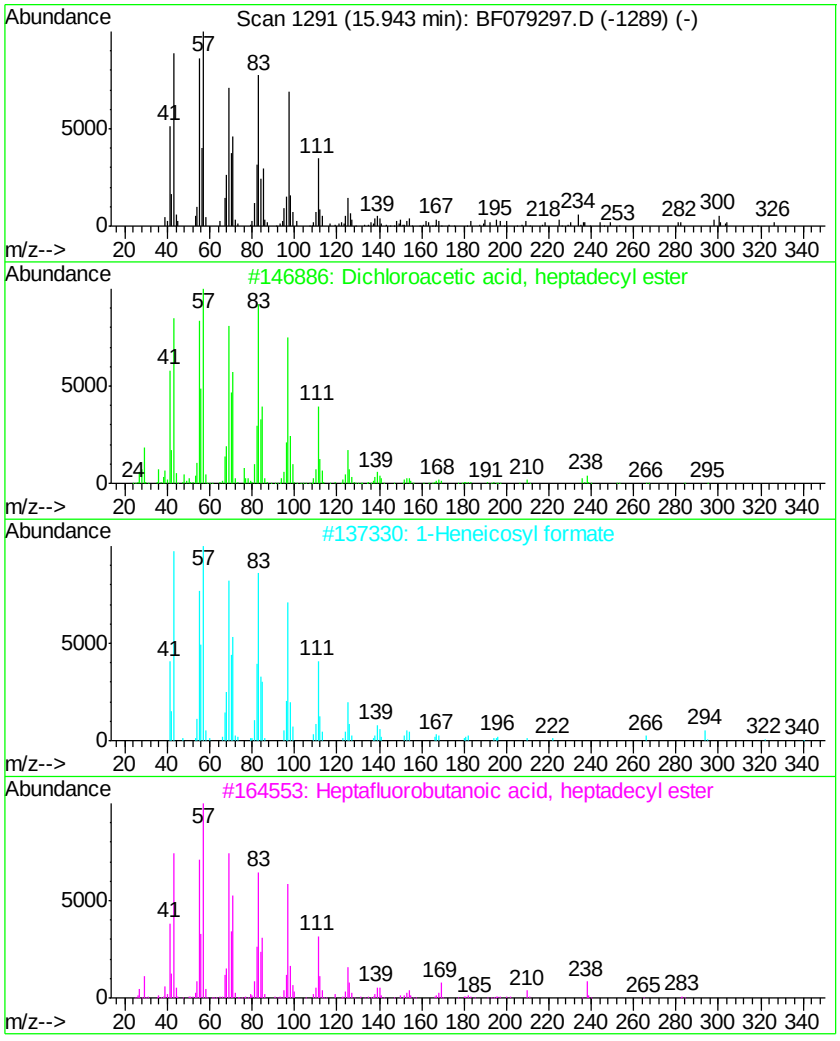
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

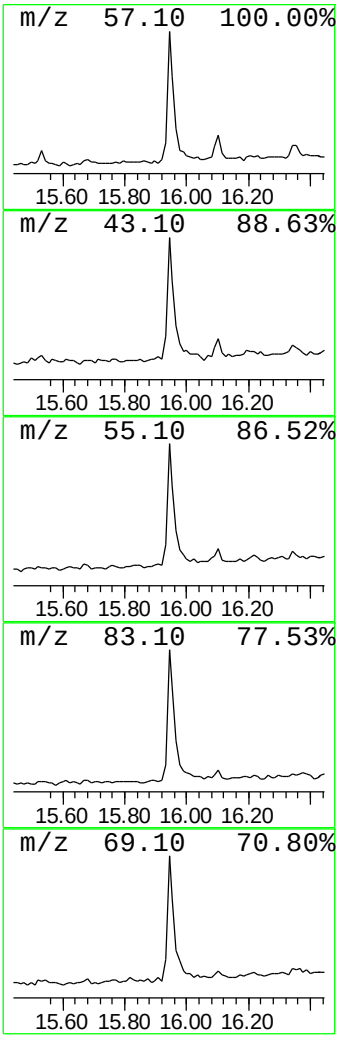
**********

Peak Number 15 Dichloroacetic acid, heptad... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.94 | 7.60 ng | 345322 | Chrysene-d12 | 16.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |
| 2 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 3 | Heptafluorobutanoic acid, heptad... | 452 | C21H35F7O2 | 1000282-97-3 | 94 |
| 4 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 91 |
| 5 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 91 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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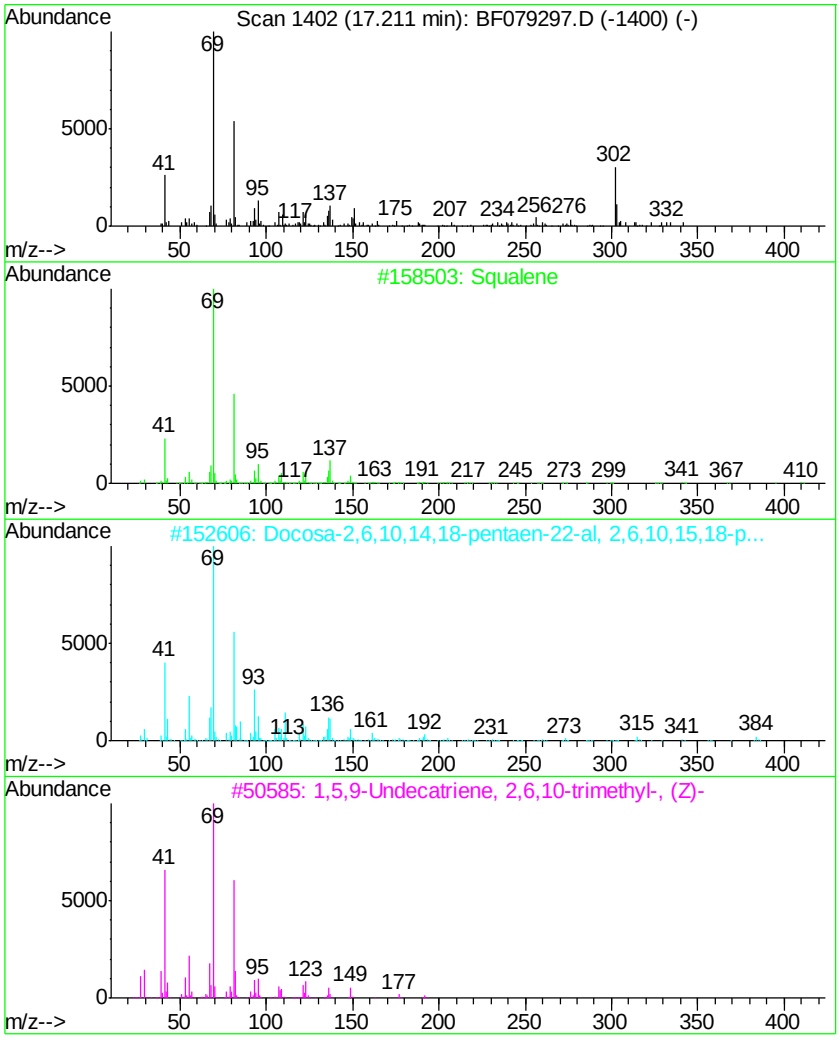
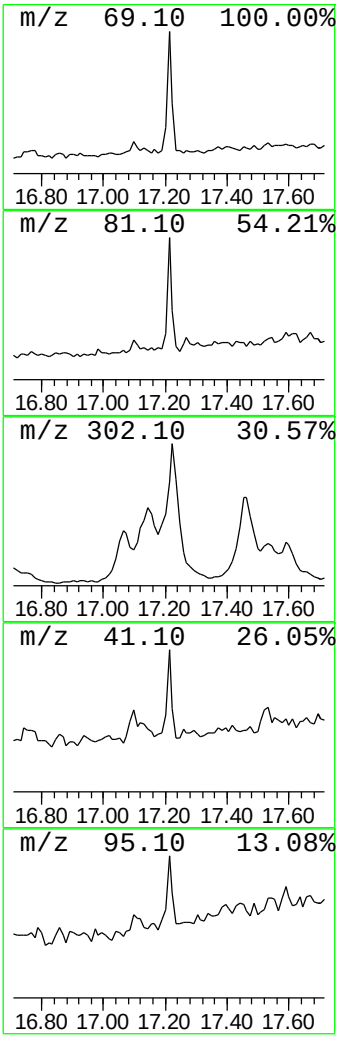
Peak Number 16 Squalene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.21 | 4.41 ng | 165840 | Perylene-d12 | 17.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 007683-64-9 | 58 |
| 2 | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O | 1000163-04-7 | 50 |
| 3 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 47 |
| 4 | 4-Methyl-1,5-Heptadiene | 110 | C8H14 | 000998-94-7 | 47 |
| 5 | 4,8,12-Tetradecatrienenitrile, 5... | 245 | C17H27N | 005981-31-7 | 47 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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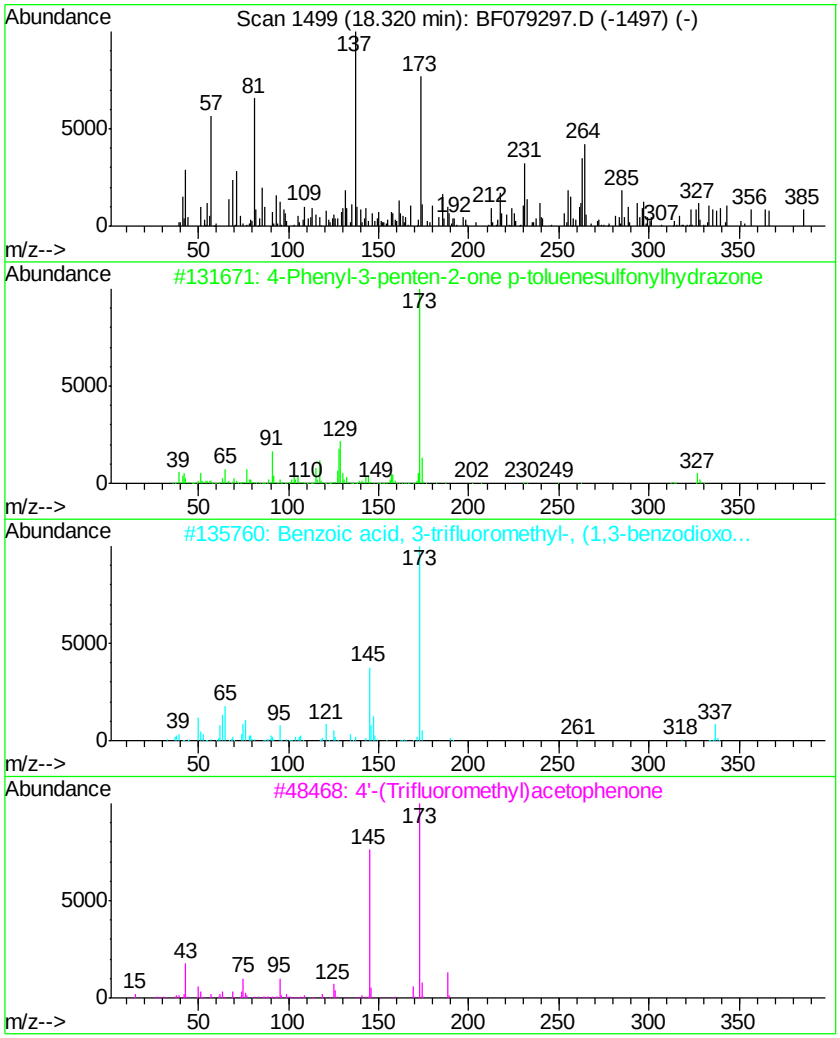
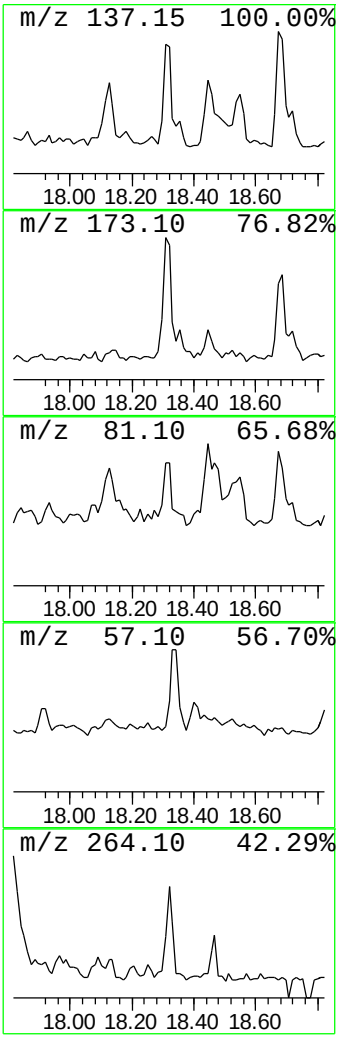
Peak Number 17 unknown18.32 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.32 | 4.22 ng | 158692 | Perylene-d12 | 17.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Phenyl-3-penten-2-one p-toluen... | 328 | C18H20N2O2S | 1000211-12-1 | 18 |
| 2 | Benzoic acid, 3-trifluoromethyl-... | 337 | C16H10F3NO4 | 351061-10-4 | 18 |
| 3 | 4'-(Trifluoromethyl)acetophenone | 188 | C9H7F3O | 000709-63-7 | 15 |
| 4 | Decyl sulfide | 314 | C20H42S | 000693-83-4 | 15 |
| 5 | 2H-Isoindole, 4,5,6,7-tetramethyl- | 173 | C12H15N | 070187-61-0 | 15 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079297.D
Acq On : 16 May 2015 6:45
Operator : TP/IZ
Sample : G2215-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-37D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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 |
| unknown1.32 | 1.32 | 229.4 | ng | 5208480 | 1 | 7.18 | 454046 | 20.0 |
| Butane, 2-methoxy... | 1.62 | 15.9 | ng | 361676 | 1 | 7.18 | 454046 | 20.0 |
| 2-Pentanone, 4-hy... | 4.95 | 17.9 | ng | 405775 | 1 | 7.18 | 454046 | 20.0 |
| unknown6.89 | 6.89 | 67.0 | ng | 1521510 | 1 | 7.18 | 454046 | 20.0 |
| unknown13.66 | 13.66 | 4.6 | ng | 168145 | 4 | 12.77 | 728660 | 20.0 |
| unknown13.76 | 13.76 | 4.3 | ng | 157298 | 4 | 12.77 | 728660 | 20.0 |
| 4b,8-Dimethyl-2-i... | 13.97 | 8.9 | ng | 322648 | 4 | 12.77 | 728660 | 20.0 |
| 10,18-Bisnorabiet... | 14.07 | 5.2 | ng | 190662 | 4 | 12.77 | 728660 | 20.0 |
| 10,18-Bisnorabiet... | 14.34 | 22.3 | ng | 810790 | 4 | 12.77 | 728660 | 20.0 |
| Phenanthrene, 1-m... | 14.93 | 3.4 | ng | 155087 | 5 | 16.06 | 908434 | 20.0 |
| Dichloroacetic ac... | 15.94 | 7.6 | ng | 345322 | 5 | 16.06 | 908434 | 20.0 |
| Squalene | 17.21 | 4.4 | ng | 165840 | 6 | 17.78 | 752435 | 20.0 |
| unknown18.32 | 18.32 | 4.2 | ng | 158692 | 6 | 17.78 | 752435 | 20.0 |