LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

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-BF090115.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 | 1.213 | 8 | 11 | 14 | rVB | 989567 | 1019833 | 20.86% | 6.019% |
| 2 | 1.281 | 16 | 17 | 29 | rVB2 | 22275 | 66773 | 1.37% | 0.394% |
| 3 | 1.430 | 29 | 30 | 36 | rBV | 156740 | 406821 | 8.32% | 2.401% |
| 4 | 1.521 | 36 | 38 | 80 | rVB | 1327383 | 4888918 | 100.00% | 28.854% |
| 5 | 4.413 | 287 | 291 | 313 | rBV | 208145 | 602136 | 12.32% | 3.554% |
| 6 | 5.304 | 366 | 369 | 388 | rBV | 443327 | 1015774 | 20.78% | 5.995% |
| 7 | 7.579 | 565 | 568 | 572 | rBV | 581062 | 1028274 | 21.03% | 6.069% |
| 8 | 7.659 | 572 | 575 | 583 | rVB | 651211 | 1149883 | 23.52% | 6.787% |
| 9 | 8.139 | 614 | 617 | 623 | rBB | 129986 | 235022 | 4.81% | 1.387% |
| 10 | 8.459 | 641 | 645 | 655 | rBB | 466865 | 759149 | 15.53% | 4.480% |
| 11 | 9.442 | 727 | 731 | 747 | rBV | 383790 | 699580 | 14.31% | 4.129% |
| 12 | 11.031 | 867 | 870 | 873 | rBV | 184564 | 291666 | 5.97% | 1.721% |
| 13 | 13.671 | 1098 | 1101 | 1105 | rBV | 570931 | 1050935 | 21.50% | 6.203% |
| 14 | 14.734 | 1191 | 1194 | 1201 | rVB | 140577 | 223940 | 4.58% | 1.322% |
| 15 | 15.157 | 1228 | 1231 | 1235 | rBV2 | 161235 | 297158 | 6.08% | 1.754% |
| 16 | 17.066 | 1394 | 1398 | 1409 | rBV | 370453 | 666130 | 13.63% | 3.931% |
| 17 | 17.706 | 1450 | 1454 | 1460 | rBV | 22902 | 70733 | 1.45% | 0.417% |
| 18 | 18.666 | 1534 | 1538 | 1541 | rBV | 165479 | 279779 | 5.72% | 1.651% |
| 19 | 19.626 | 1616 | 1622 | 1626 | rBV | 31541 | 58828 | 1.20% | 0.347% |
| 20 | 20.426 | 1689 | 1692 | 1700 | rBV | 36958 | 81356 | 1.66% | 0.480% |
| 21 | 22.049 | 1831 | 1834 | 1837 | rBV | 679311 | 761319 | 15.57% | 4.493% |
| 22 | 23.295 | 1939 | 1943 | 1944 | rBV2 | 82350 | 103661 | 2.12% | 0.612% |
| 23 | 23.329 | 1944 | 1946 | 1948 | rVV | 216526 | 251998 | 5.15% | 1.487% |
| 24 | 24.586 | 2053 | 2056 | 2062 | rBV2 | 43910 | 92009 | 1.88% | 0.543% |
| 25 | 24.769 | 2070 | 2072 | 2075 | rBV | 174992 | 184472 | 3.77% | 1.089% |
| 26 | 25.158 | 2103 | 2106 | 2108 | rBV | 48783 | 68505 | 1.40% | 0.404% |
| 27 | 25.798 | 2155 | 2162 | 2165 | rBV4 | 18807 | 60477 | 1.24% | 0.357% |
| 28 | 25.889 | 2165 | 2170 | 2172 | rVV | 26428 | 61432 | 1.26% | 0.363% |
| 29 | 25.981 | 2176 | 2178 | 2184 | rVB5 | 27655 | 77603 | 1.59% | 0.458% |
| 30 | 26.164 | 2187 | 2194 | 2198 | rBV2 | 46927 | 113262 | 2.32% | 0.668% |
| 31 | 26.438 | 2214 | 2218 | 2221 | rBV2 | 23755 | 61092 | 1.25% | 0.361% |
| 32 | 27.489 | 2306 | 2310 | 2316 | rVB3 | 24153 | 62247 | 1.27% | 0.367% |
| 33 | 27.752 | 2328 | 2333 | 2338 | rVB | 56023 | 152779 | 3.13% | 0.902% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TRENCH-2-2

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16943544

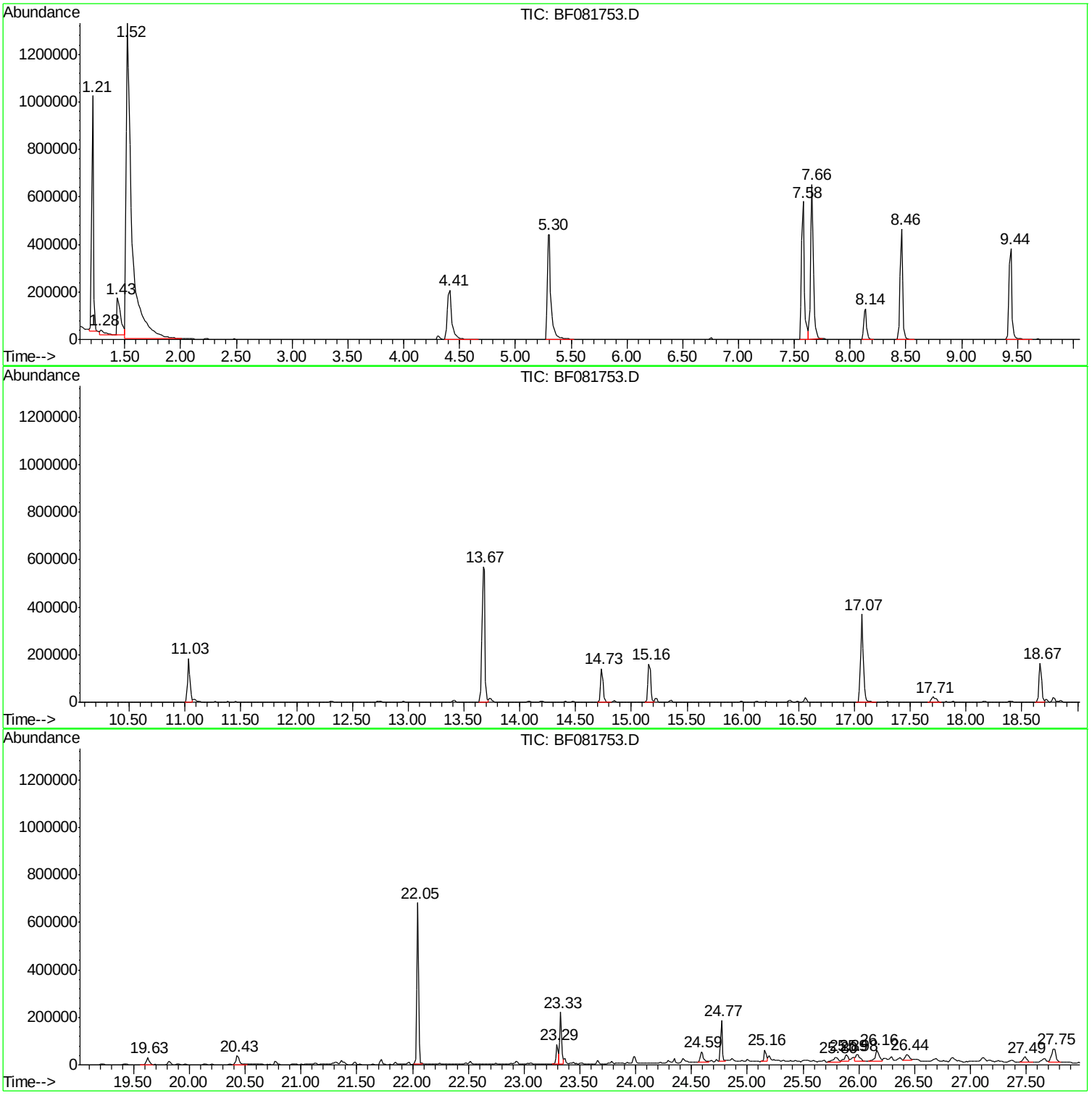
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

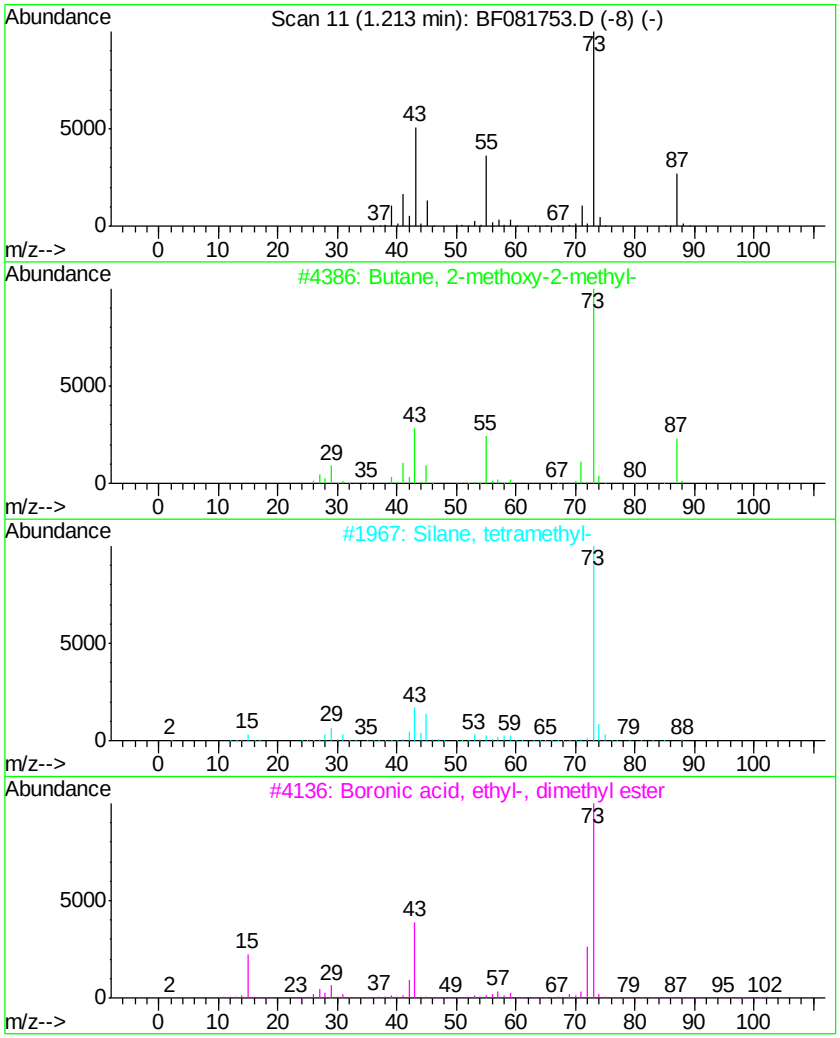
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

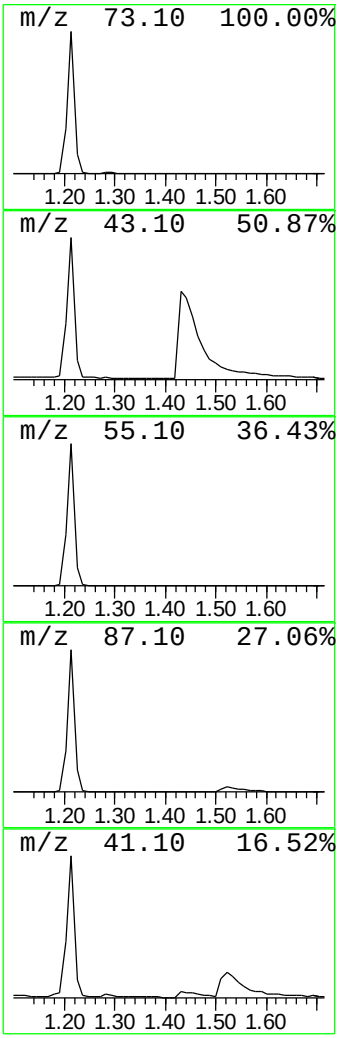
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.21 | 86.79 ng | 1019830 | 1,4-Dichlorobenzene-d4 | 8.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |
| 3 | Boronic acid, ethyl-, dimethyl e... | 102 | C4H11BO2 | 007318-82-3 | 10 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

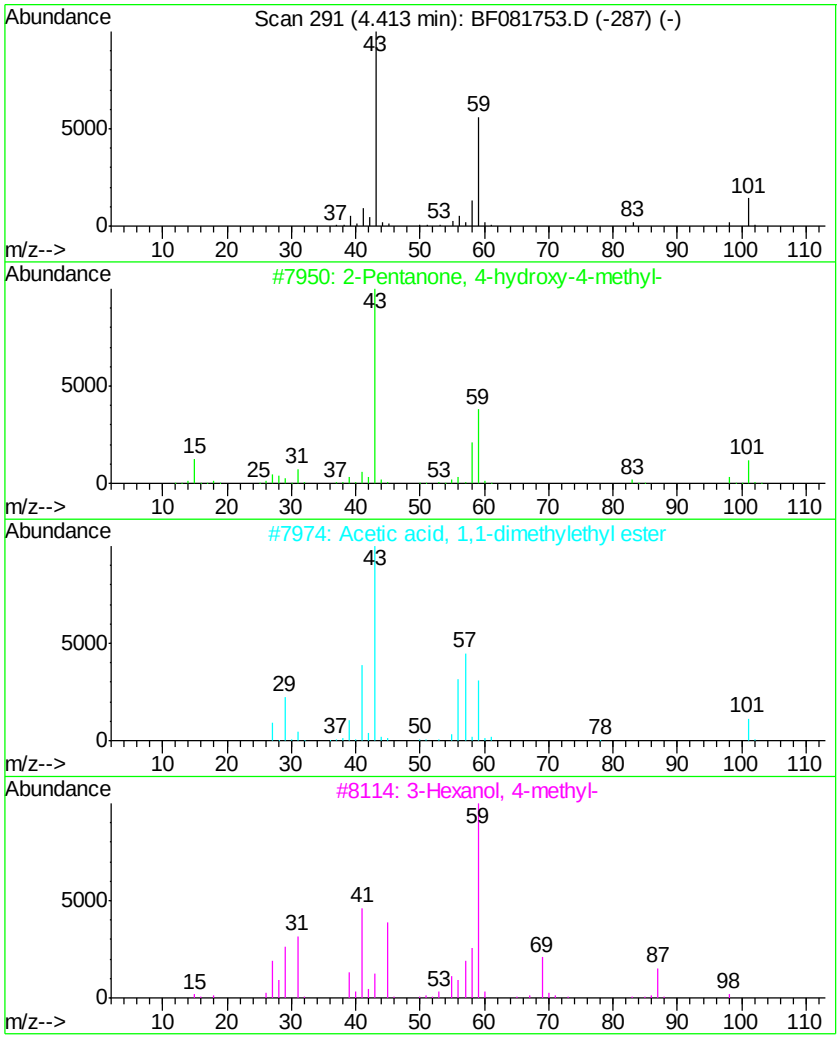
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

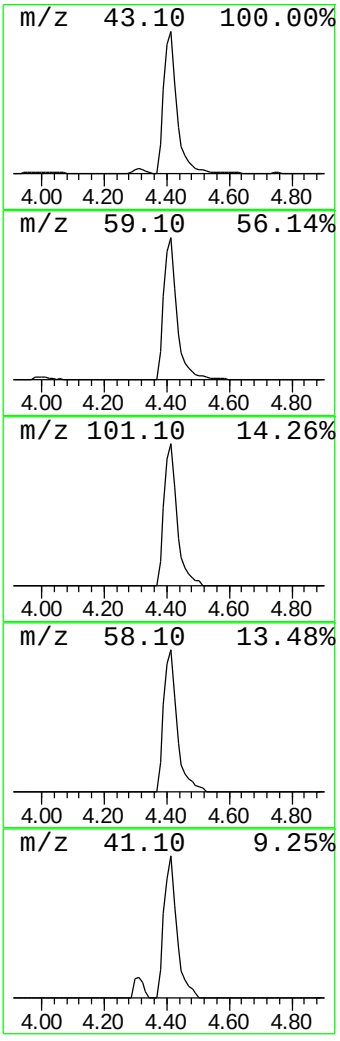
**********

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.41 | 51.24 ng | 602136 | 1,4-Dichlorobenzene-d4 | 8.14 |

| 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, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 33 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

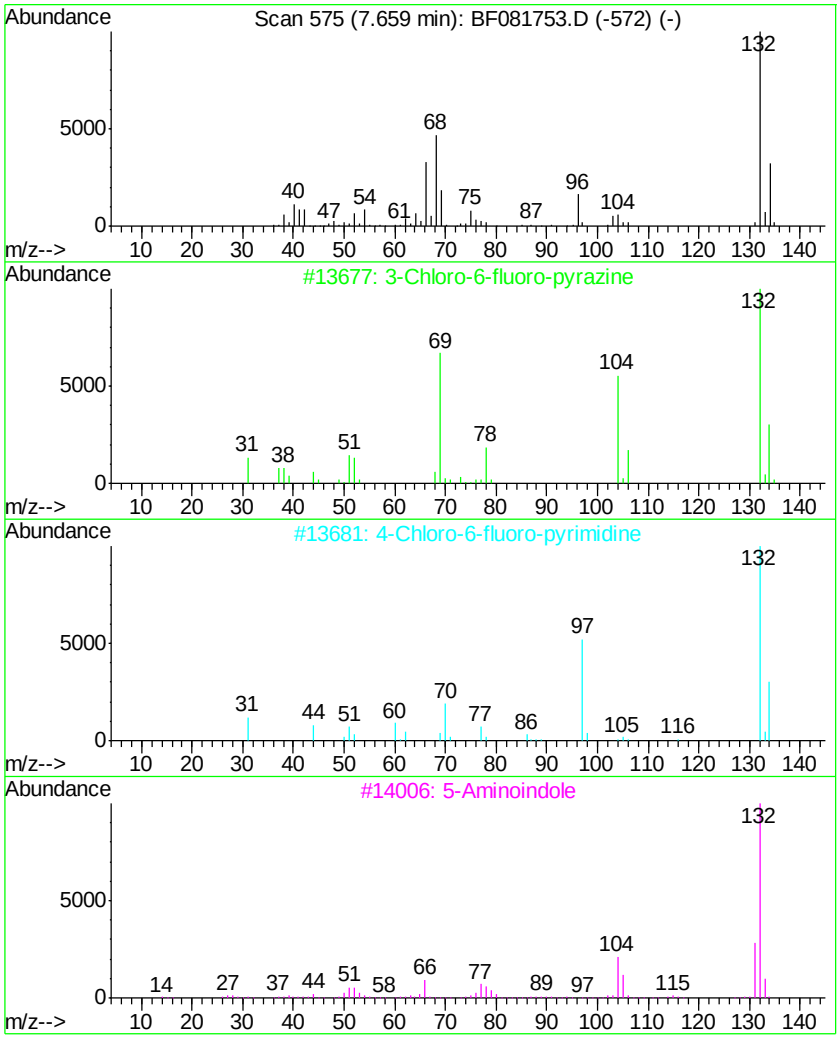
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

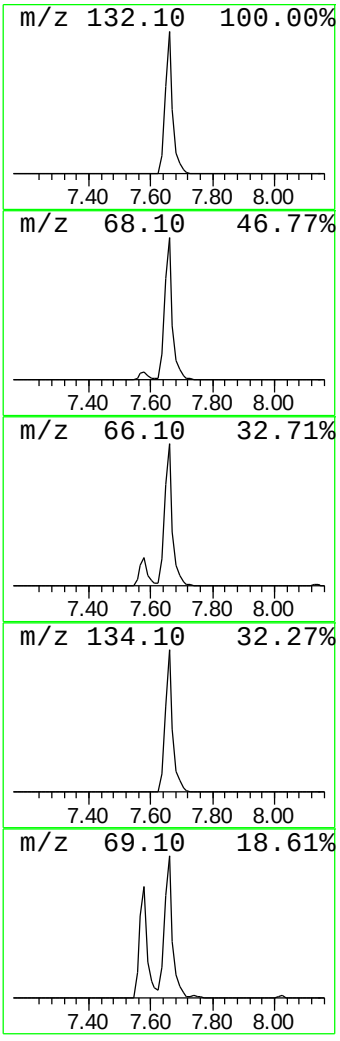
**********

Peak Number 6 unknown7.66 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.66 | 97.85 ng | 1149880 | 1,4-Dichlorobenzene-d4 | 8.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 27 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 22 |
| 4 | 1H-Benzimidazole, 2-methyl- | 132 | C8H8N2 | 000615-15-6 | 22 |
| 5 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 12 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

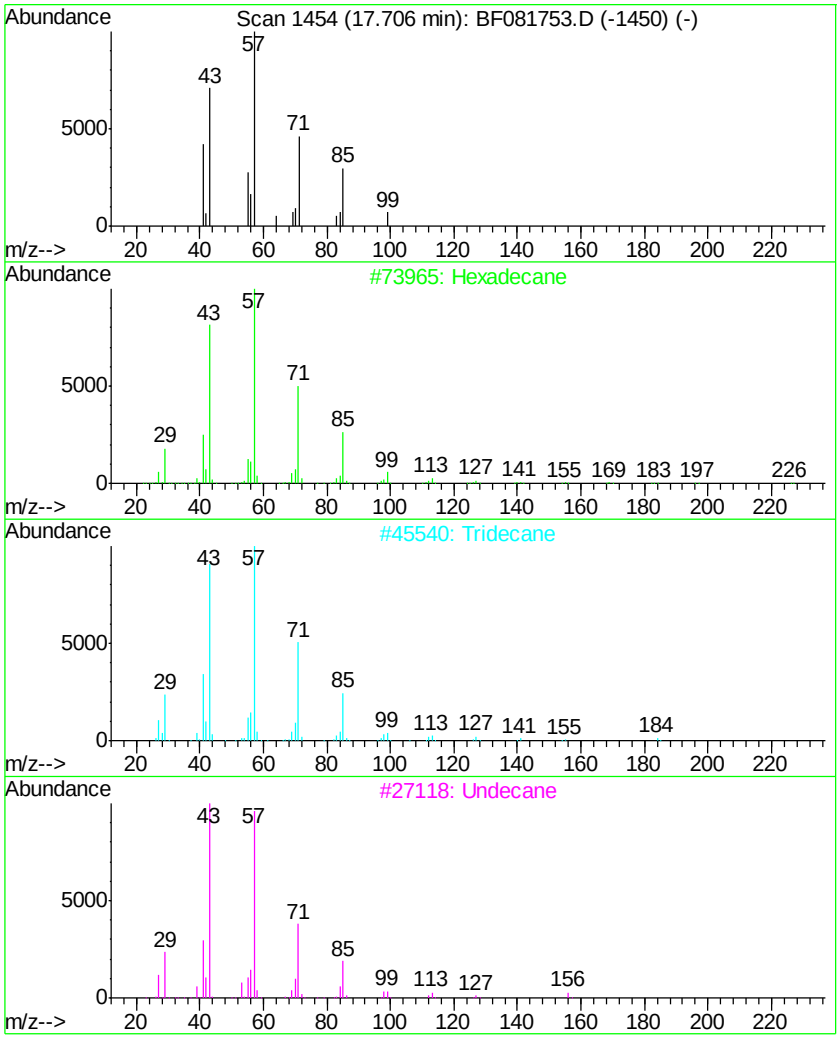
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

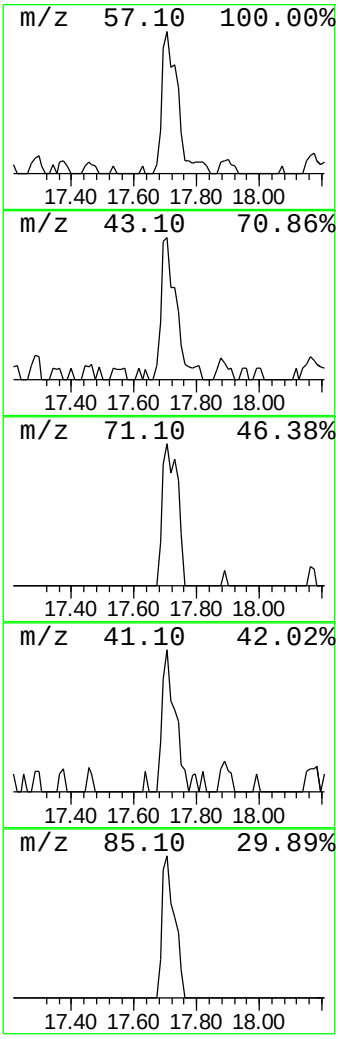
**********

Peak Number 8 Hexadecane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.71 | 5.06 ng | 70733 | Phenanthrene-d10 | 18.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 78 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |
| 3 | Undecane | 156 | C11H24 | 001120-21-4 | 64 |
| 4 | Octane, 2,4,6-trimethyl- | 156 | C11H24 | 062016-37-9 | 59 |
| 5 | Decane, 2,5,9-trimethyl- | 184 | C13H28 | 062108-22-9 | 53 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

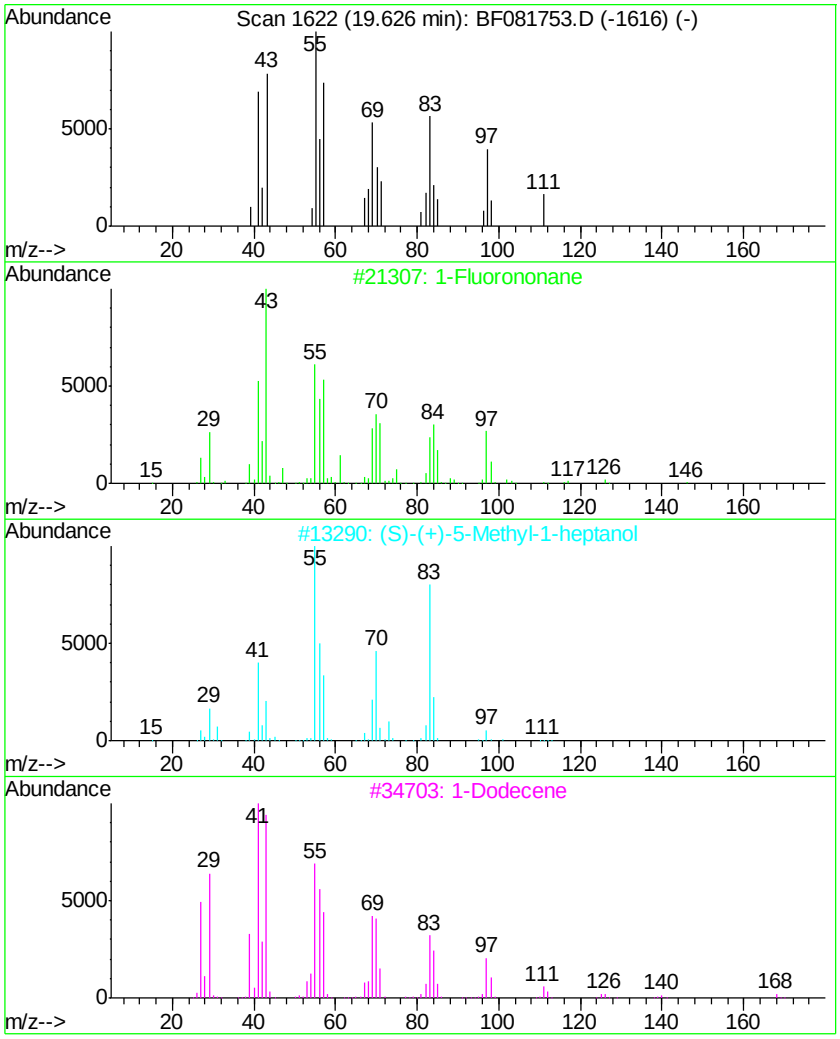
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

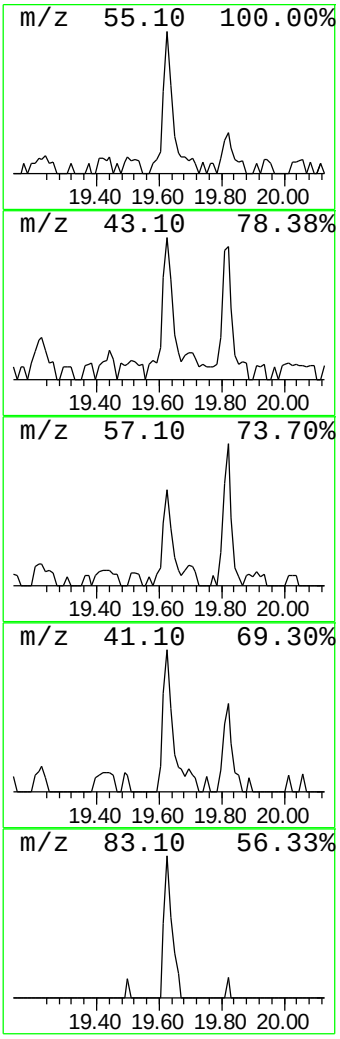
**********

Peak Number 9 unknown19.63 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.63 | 4.21 ng | 58828 | Phenanthrene-d10 | 18.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Fluorononane | 146 | C9H19F | 000463-18-3 | 47 |
| 2 | (S)-(+)-5-Methyl-1-heptanol | 130 | C8H18O | 057803-73-3 | 47 |
| 3 | 1-Dodecene | 168 | C12H24 | 000112-41-4 | 47 |
| 4 | Cyclopentane, butyl- | 126 | C9H18 | 002040-95-1 | 43 |
| 5 | 1-Heptadecanamine | 255 | C17H37N | 004200-95-7 | 42 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

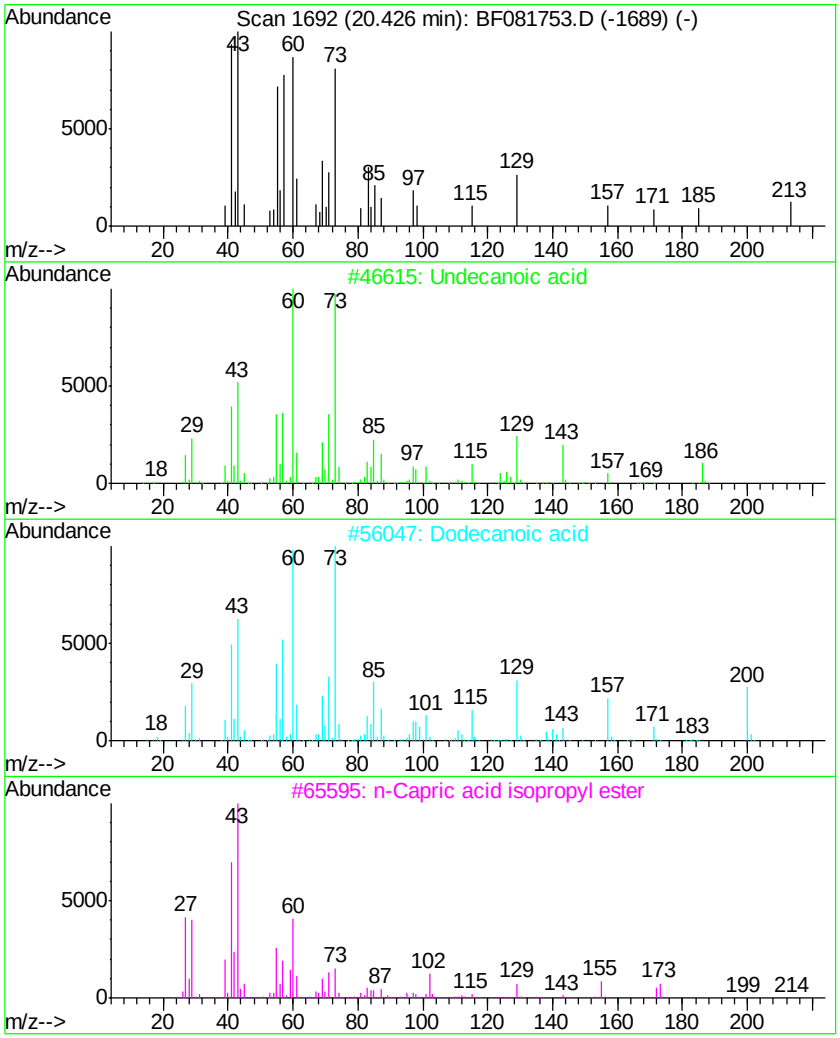
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

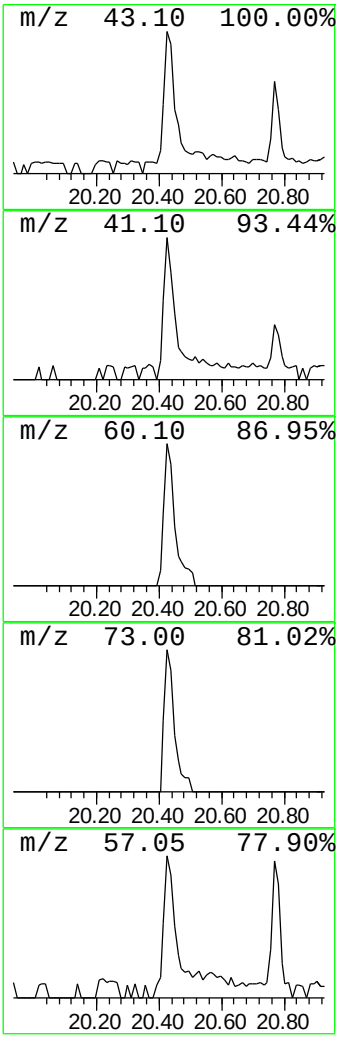
**********

Peak Number 10 Undecanoic acid Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.43 | 5.82 ng | 81356 | Phenanthrene-d10 | 18.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 64 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 59 |
| 3 | n-Capric acid isopropyl ester | 214 | C13H26O2 | 002311-59-3 | 50 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 50 |
| 5 | .beta.-D-Glucopyranoside, methyl... | 292 | C14H28O6 | 1000157-04-9 | 42 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

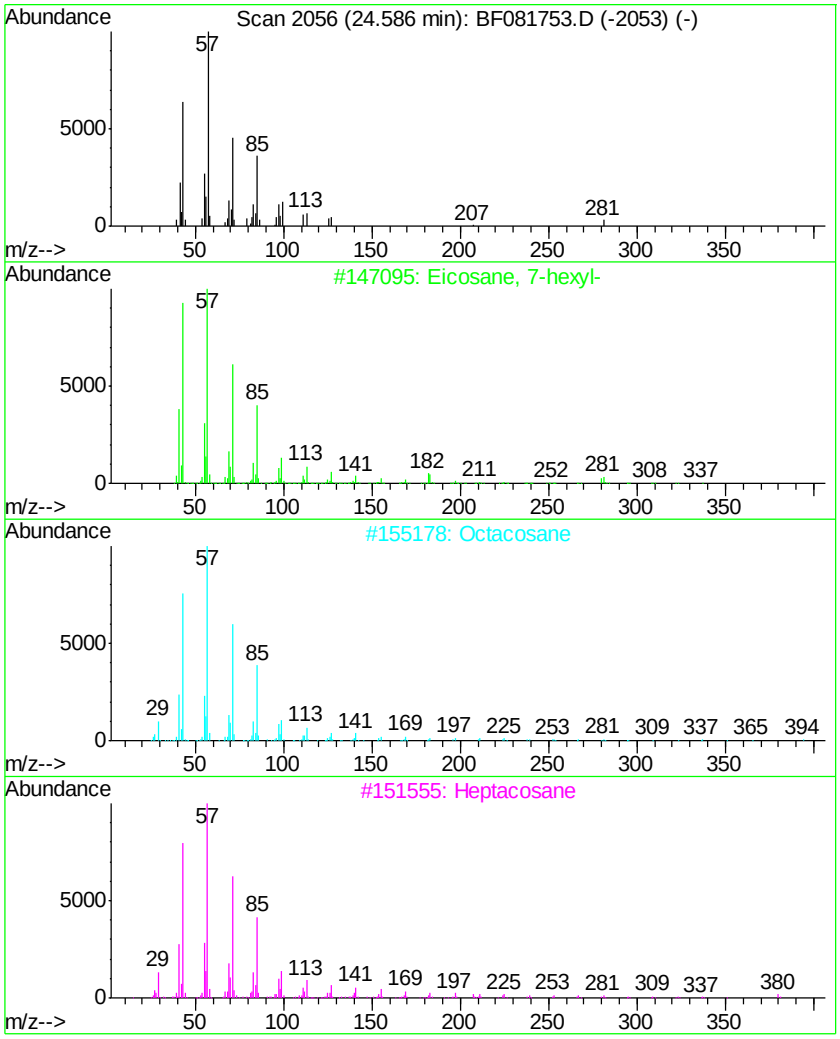
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

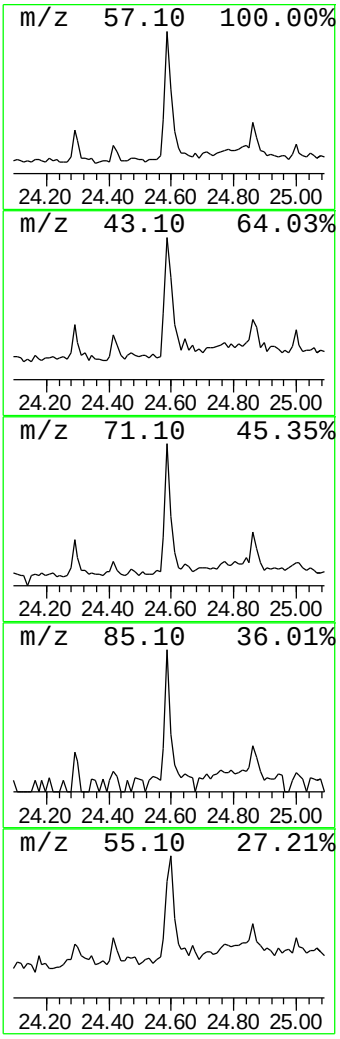
**********

Peak Number 11 Eicosane, 7-hexyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.59 | 9.98 ng | 92009 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 4 | Tetratriacontane | 479 | C34H70 | 014167-59-0 | 87 |
| 5 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 87 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

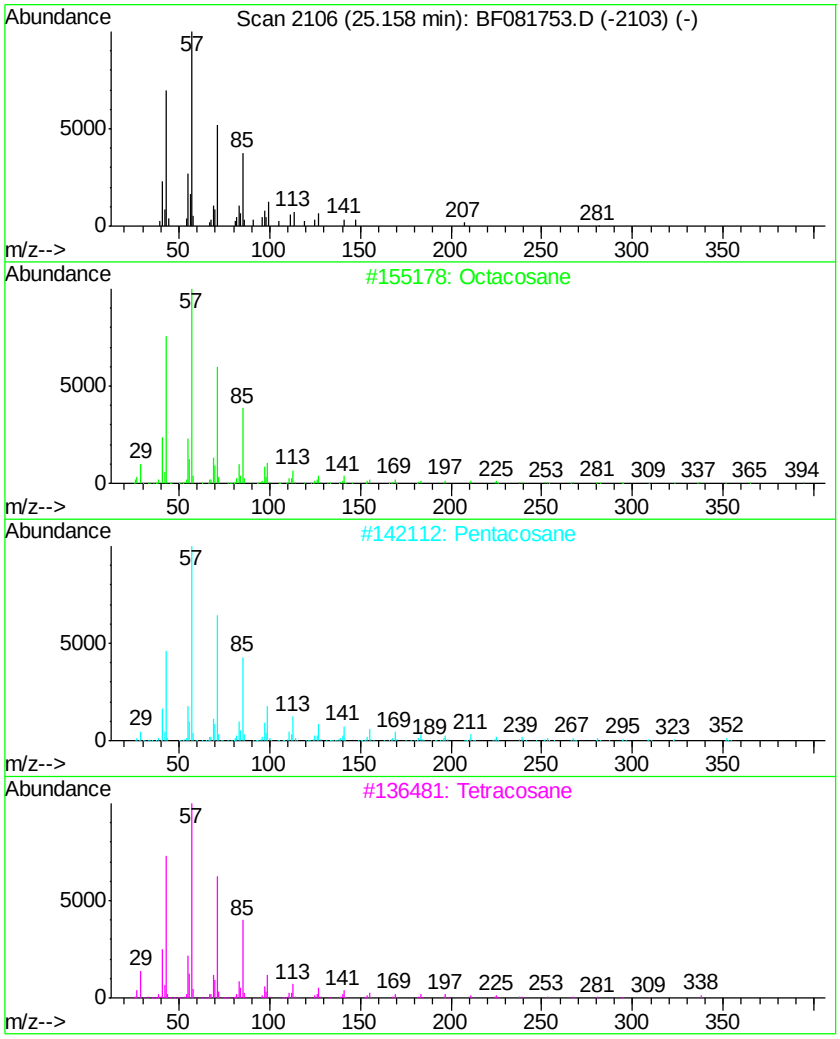
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

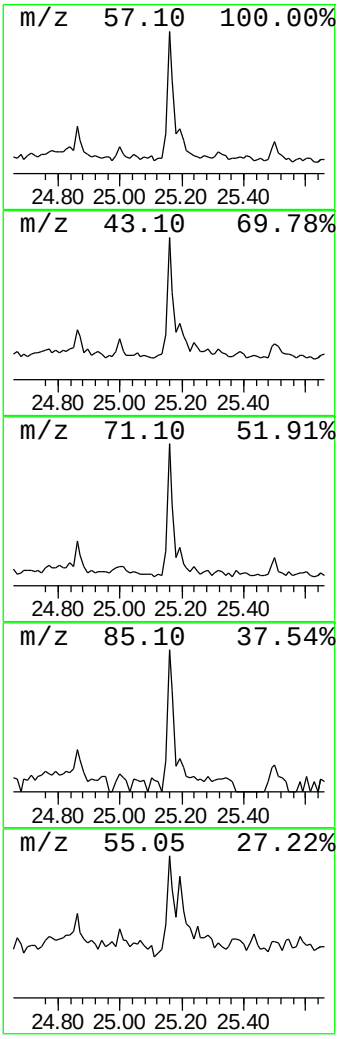
**********

Peak Number 12 Octacosane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.16 | 7.43 ng | 68505 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 4 | Nonacosane | 408 | C29H60 | 000630-03-5 | 90 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

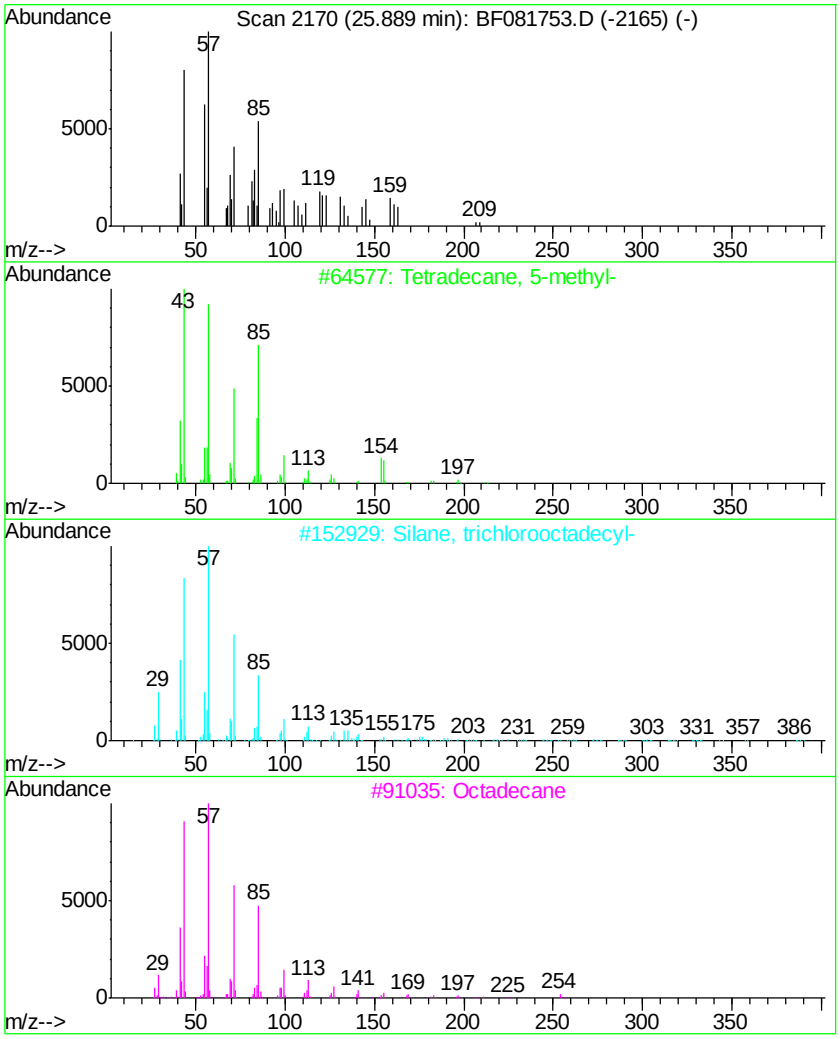
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

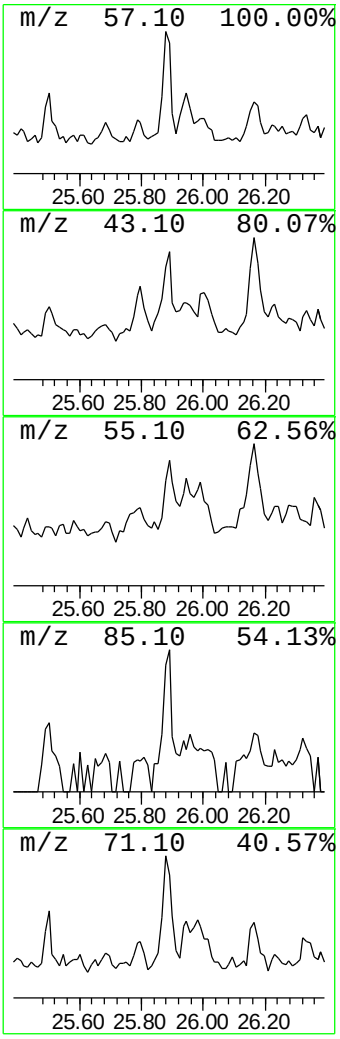
**********

Peak Number 14 unknown25.89 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.89 | 6.66 ng | 61432 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 5-methyl- | 212 | C15H32 | 025117-32-2 | 38 |
| 2 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 27 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 22 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 22 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 22 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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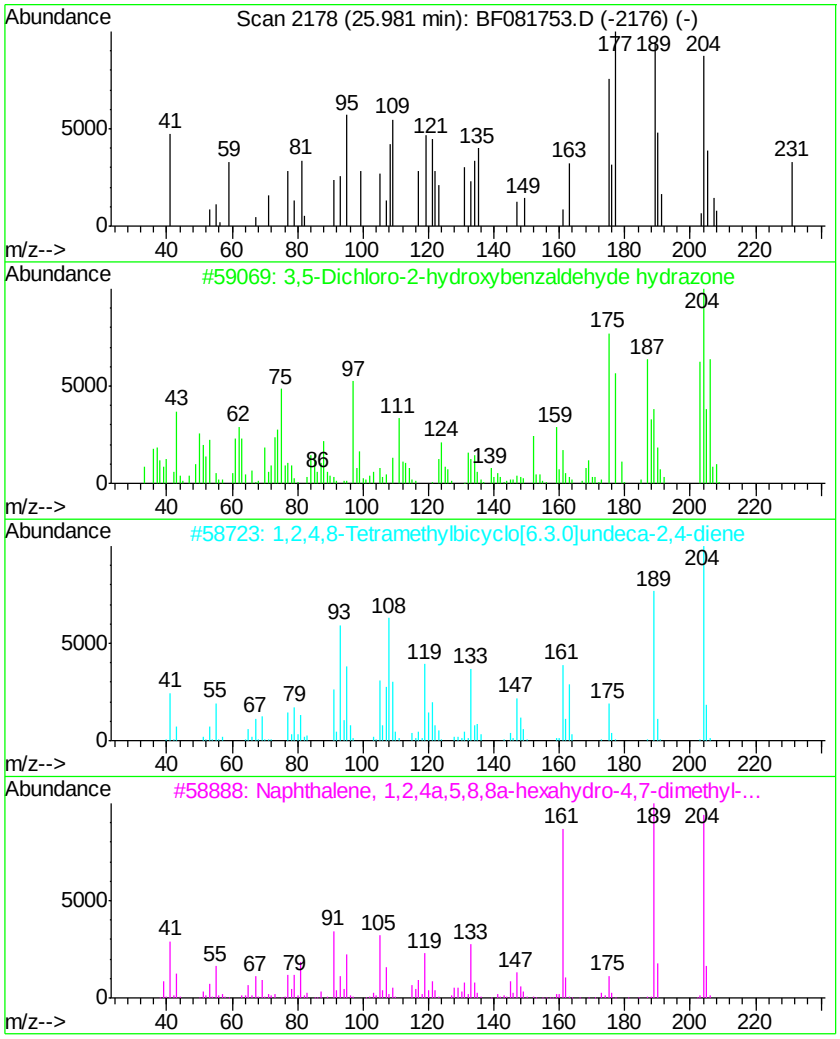
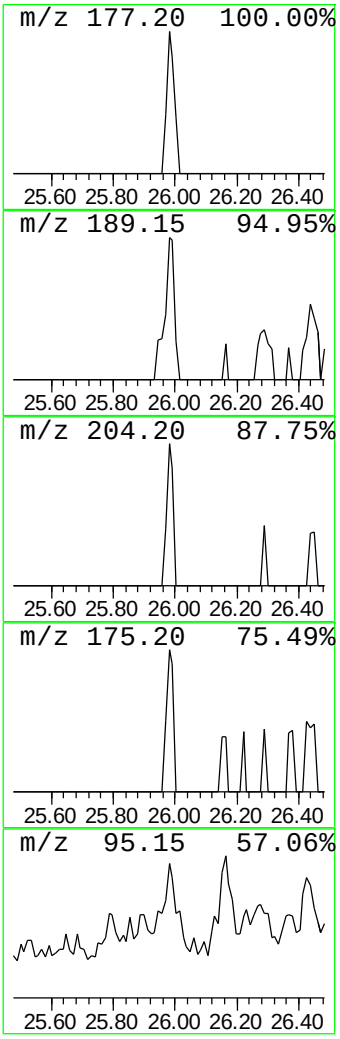
Peak Number 15 unknown25.98 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.98 | 8.41 ng | 77603 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-Dichloro-2-hydroxybenzaldehy... | 204 | C7H6Cl2N2O | 043002-22-8 | 27 |
| 2 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 25 |
| 3 | Naphthalene, 1,2,4a,5,8,8a-hexah... | 204 | C15H24 | 005951-61-1 | 25 |
| 4 | 4-Pyridinol 3,5-dichloro-2-ethyl... | 205 | C8H9Cl2NO | 1000253-55-0 | 25 |
| 5 | Naphthalene, 2,3,4,4a,5,6-hexahy... | 204 | C15H24 | 000473-14-3 | 22 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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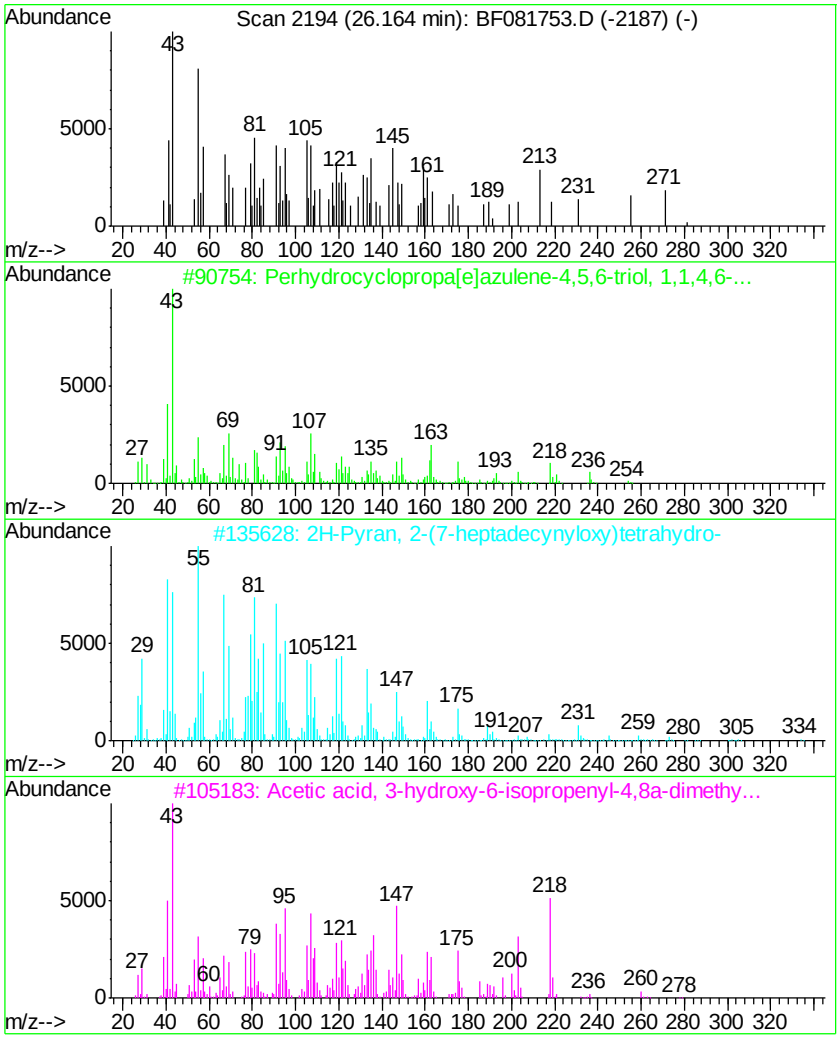
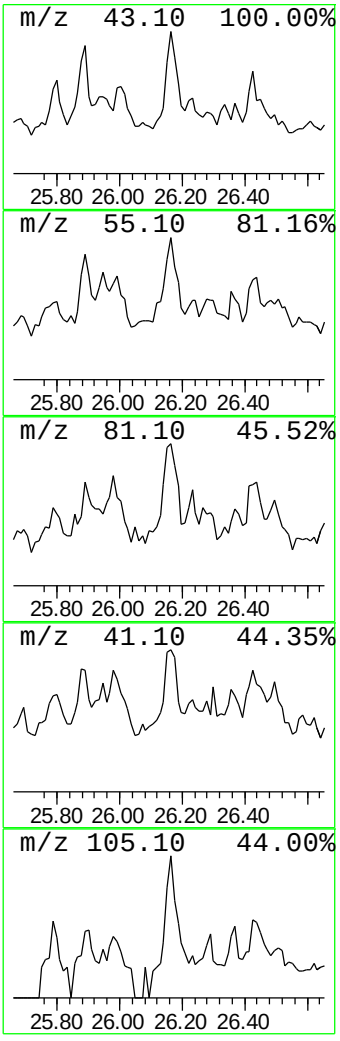
Peak Number 16 unknown26.16 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.16 | 12.28 ng | 113262 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perhydrocyclopropa[e]azulene-4,5... | 254 | C15H26O3 | 1000197-87-8 | 32 |
| 2 | 2H-Pyran, 2-(7-heptadecynyloxy)t... | 336 | C22H40O2 | 056599-50-9 | 30 |
| 3 | Acetic acid, 3-hydroxy-6-isoprop... | 278 | C17H26O3 | 1000185-44-8 | 22 |
| 4 | 4-Hydroxy-4-(4,6-dimethylcyclohe... | 196 | C12H20O2 | 002316-79-2 | 22 |
| 5 | 7-Oxabicyclo[4.1.0]heptane, 1-me... | 168 | C10H16O2 | 000096-08-2 | 14 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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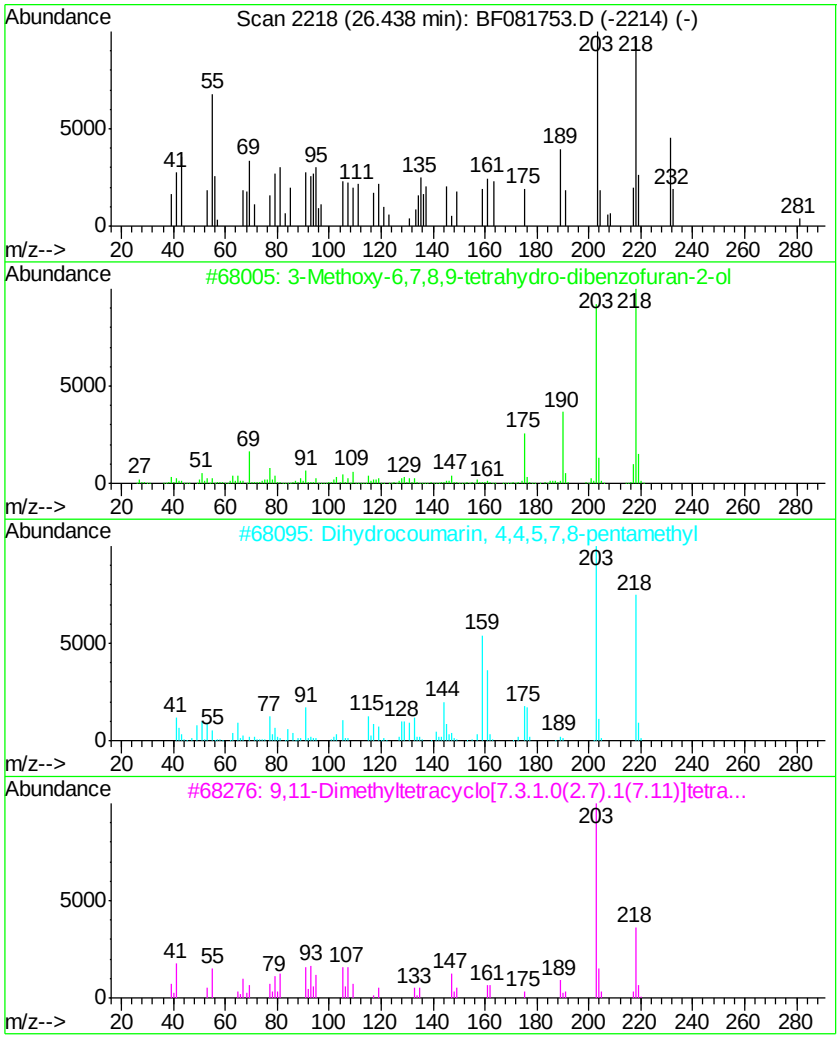
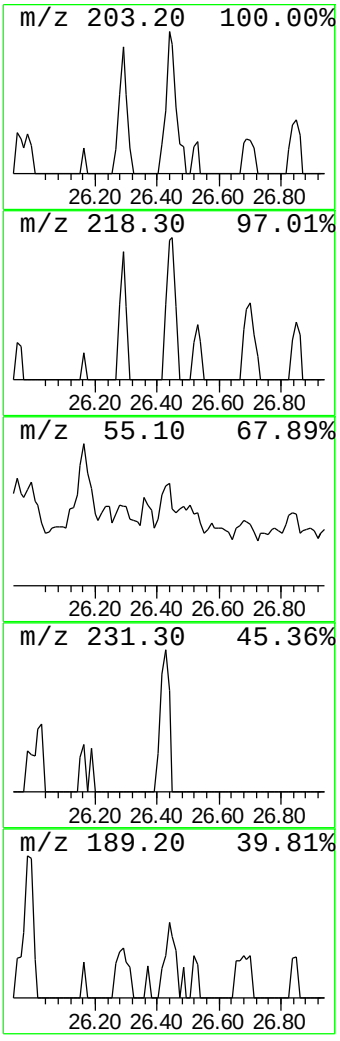
Peak Number 17 unknown26.44 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.44 | 6.62 ng | 61092 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methoxy-6,7,8,9-tetrahydro-dib... | 218 | C13H14O3 | 1000186-57-9 | 43 |
| 2 | Dihydrocoumarin, 4,4,5,7,8-penta... | 218 | C14H18O2 | 039170-97-3 | 43 |
| 3 | 9,11-Dimethyltetracyclo[7.3.1.0(... | 218 | C16H26 | 053263-99-3 | 43 |
| 4 | Pyrrolidino[3,2-b]benzo[e]-2H-1,... | 218 | C11H10N2OS | 017163-68-7 | 38 |
| 5 | 8-Amino-6,7-dimethoxy-4-methylqu... | 218 | C12H14N2O2 | 1000213-07-2 | 38 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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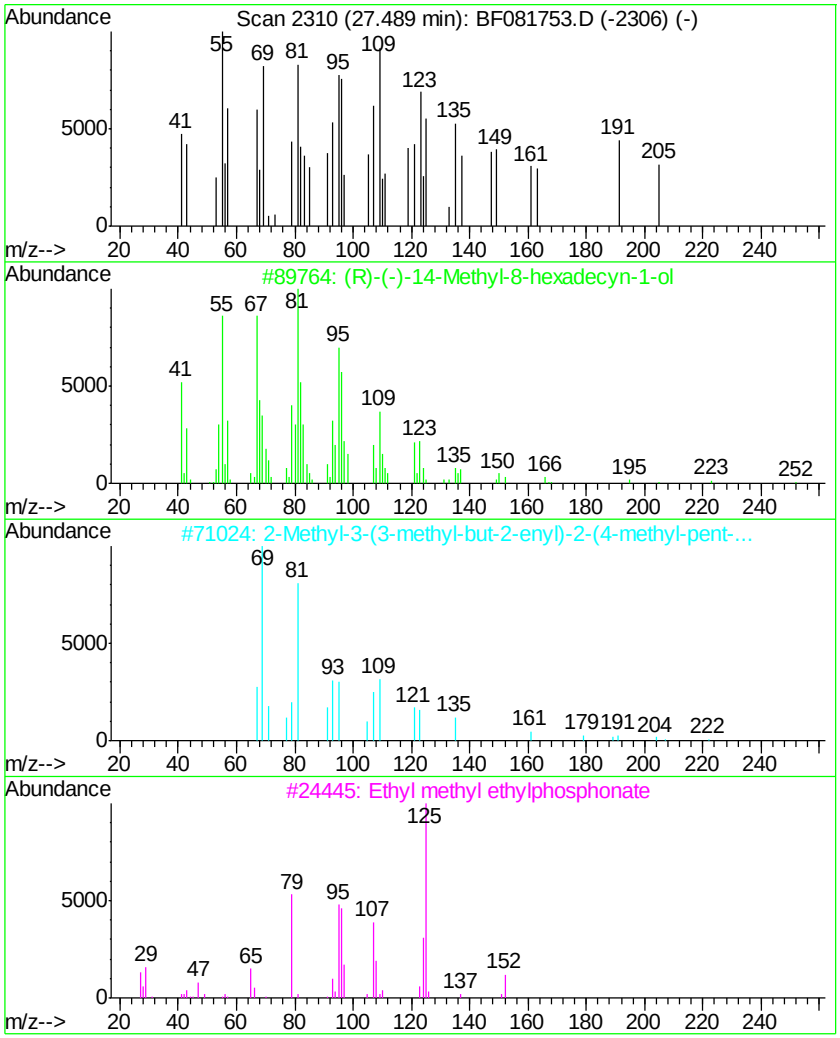
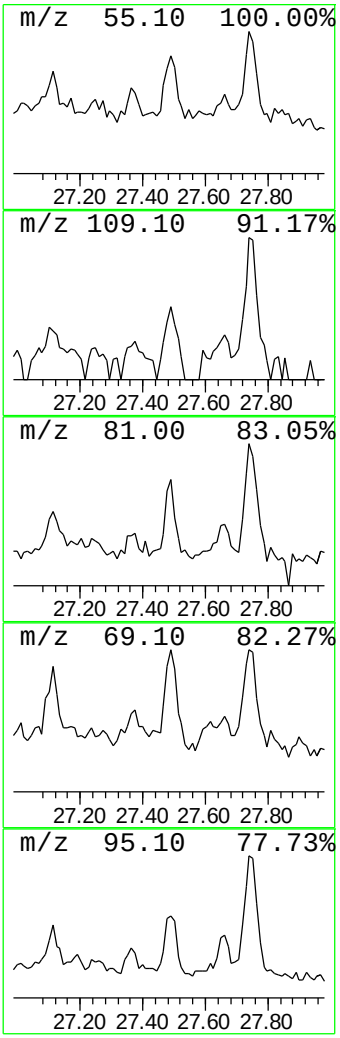
Peak Number 18 unknown27.49 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.49 | 6.75 ng | 62247 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (R)-(-)-14-Methyl-8-hexadecyn-1-ol | 252 | C17H32O | 064566-18-3 | 35 |
| 2 | 2-Methyl-3-(3-methyl-but-2-enyl)... | 222 | C15H26O | 1000144-10-2 | 27 |
| 3 | Ethyl methyl ethylphosphonate | 152 | C5H13O3P | 005301-65-5 | 27 |
| 4 | Cyclopentanecarboxaldehyde, 2-me... | 124 | C8H12O | 1000154-24-0 | 25 |
| 5 | 4-Tetradecyne | 194 | C14H26 | 060212-33-1 | 22 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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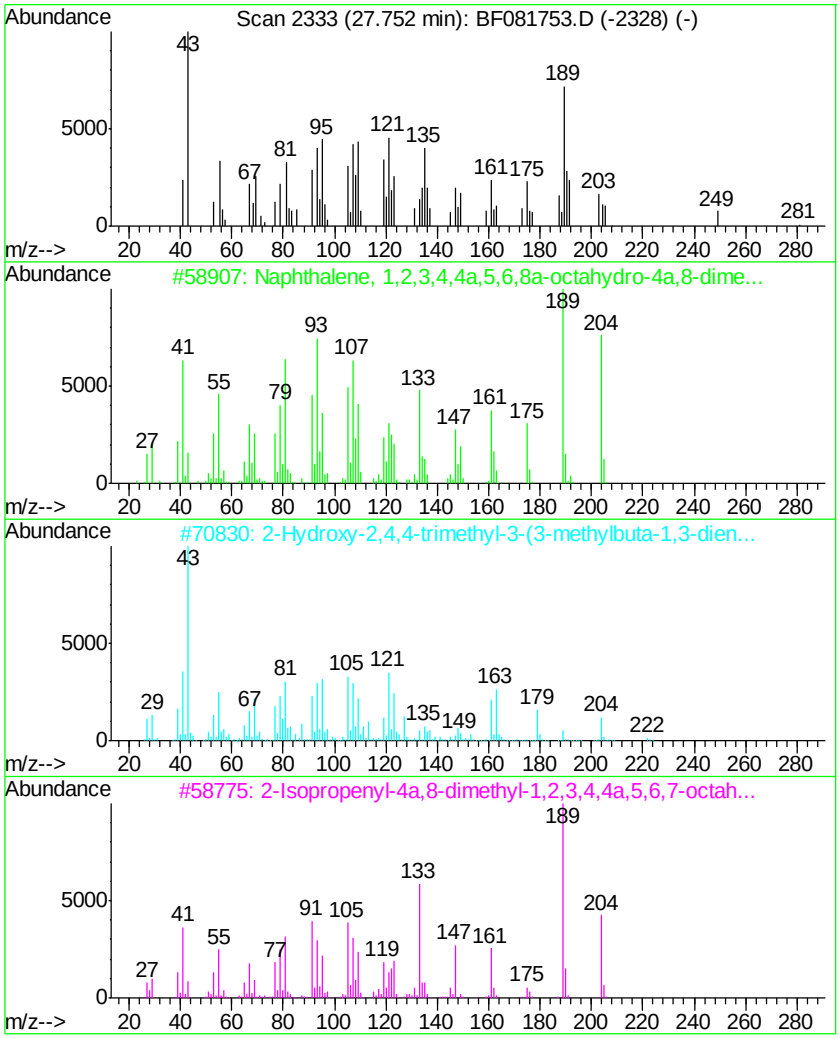
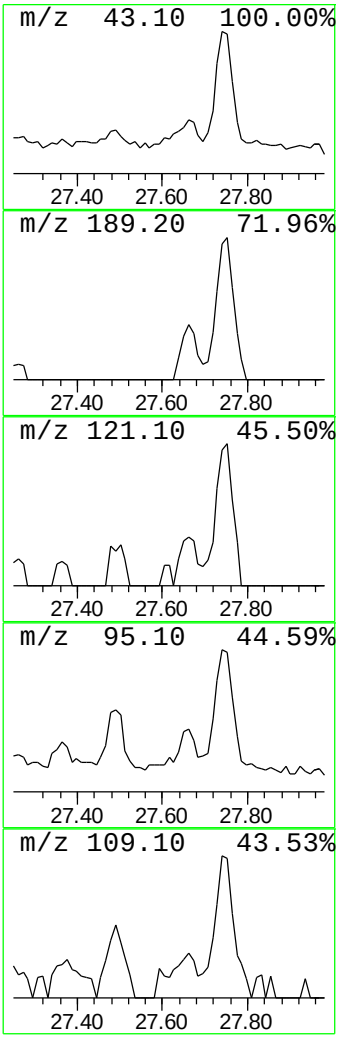
Peak Number 19 unknown27.75 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.75 | 16.56 ng | 152779 | Perylene-d12 | 24.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4,4a,5,6,8a-o... | 204 | C15H24 | 000473-13-2 | 46 |
| 2 | 2-Hydroxy-2,4,4-trimethyl-3-(3-m... | 222 | C14H22O2 | 1000191-17-4 | 27 |
| 3 | 2-Isopropenyl-4a,8-dimethyl-1,2,... | 204 | C15H24 | 1000192-43-5 | 22 |
| 4 | Globulol | 222 | C15H26O | 051371-47-2 | 22 |
| 5 | 1H-Cycloprop[e]azulen-4-ol, deca... | 222 | C15H26O | 000552-02-3 | 22 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081753.D
Acq On : 22 Sep 2015 23:05
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRENCH-2-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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 |
| Butane, 2-methoxy... | 1.21 | 86.8 | ng | 1019830 | 1 | 8.14 | 235022 | 20.0 |
| 2-Pentanone, 4-hy... | 4.41 | 51.2 | ng | 602136 | 1 | 8.14 | 235022 | 20.0 |
| unknown7.66 | 7.66 | 97.8 | ng | 1149880 | 1 | 8.14 | 235022 | 20.0 |
| Hexadecane | 17.71 | 5.1 | ng | 70733 | 4 | 18.67 | 279779 | 20.0 |
| unknown19.63 | 19.63 | 4.2 | ng | 58828 | 4 | 18.67 | 279779 | 20.0 |
| Undecanoic acid | 20.43 | 5.8 | ng | 81356 | 4 | 18.67 | 279779 | 20.0 |
| Eicosane, 7-hexyl- | 24.59 | 10.0 | ng | 92009 | 6 | 24.77 | 184472 | 20.0 |
| Octacosane | 25.16 | 7.4 | ng | 68505 | 6 | 24.77 | 184472 | 20.0 |
| unknown25.89 | 25.89 | 6.7 | ng | 61432 | 6 | 24.77 | 184472 | 20.0 |
| unknown25.98 | 25.98 | 8.4 | ng | 77603 | 6 | 24.77 | 184472 | 20.0 |
| unknown26.16 | 26.16 | 12.3 | ng | 113262 | 6 | 24.77 | 184472 | 20.0 |
| unknown26.44 | 26.44 | 6.6 | ng | 61092 | 6 | 24.77 | 184472 | 20.0 |
| unknown27.49 | 27.49 | 6.8 | ng | 62247 | 6 | 24.77 | 184472 | 20.0 |
| unknown27.75 | 27.75 | 16.6 | ng | 152779 | 6 | 24.77 | 184472 | 20.0 |