LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122679.D
Acq On : 12 Dec 2020 15:37
Operator : JU/CG
Sample : L5042-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** KENS-B6-121020-13-15

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122679.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.140 | 6 | 9 | 24 | rVB | 64568 | 115835 | 2.40% | 0.380% |
| 2 | 3.346 | 211 | 214 | 231 | rBV | 49775 | 103163 | 2.14% | 0.339% |
| 3 | 5.463 | 569 | 574 | 577 | rBV | 3646215 | 3649565 | 75.65% | 11.981% |
| 4 | 6.469 | 740 | 745 | 768 | rBV | 3257611 | 4001105 | 82.93% | 13.136% |
| 5 | 6.669 | 776 | 779 | 791 | rBV | 45487 | 62720 | 1.30% | 0.206% |
| 6 | 6.834 | 804 | 807 | 811 | rBV | 1047595 | 825400 | 17.11% | 2.710% |
| 7 | 7.398 | 898 | 903 | 906 | rBV | 2418655 | 2463319 | 51.06% | 8.087% |
| 8 | 8.116 | 1021 | 1025 | 1042 | rVB | 1066547 | 1093317 | 22.66% | 3.589% |
| 9 | 9.198 | 1203 | 1209 | 1212 | rBV | 4633113 | 4563094 | 94.58% | 14.981% |
| 10 | 9.586 | 1271 | 1275 | 1284 | rBV | 242899 | 226585 | 4.70% | 0.744% |
| 11 | 9.875 | 1319 | 1324 | 1327 | rBV | 1438685 | 1268678 | 26.30% | 4.165% |
| 12 | 10.663 | 1453 | 1458 | 1472 | rBV | 2836853 | 2663188 | 55.20% | 8.743% |
| 13 | 11.357 | 1572 | 1576 | 1584 | rBV | 1354029 | 1307587 | 27.10% | 4.293% |
| 14 | 11.886 | 1662 | 1666 | 1671 | rBV | 66566 | 91111 | 1.89% | 0.299% |
| 15 | 12.675 | 1795 | 1800 | 1811 | rBV | 178397 | 269626 | 5.59% | 0.885% |
| 16 | 12.951 | 1841 | 1847 | 1850 | rBV | 4795245 | 4824401 | 100.00% | 15.838% |
| 17 | 13.863 | 1996 | 2002 | 2021 | rBV2 | 208700 | 680112 | 14.10% | 2.233% |
| 18 | 13.998 | 2021 | 2025 | 2033 | rVB | 1281532 | 1165931 | 24.17% | 3.828% |
| 19 | 15.463 | 2268 | 2274 | 2287 | rBV | 766810 | 997942 | 20.69% | 3.276% |
| 20 | 16.039 | 2363 | 2372 | 2376 | rBV8 | 28149 | 87486 | 1.81% | 0.287% |

Sum of corrected areas: 30460165

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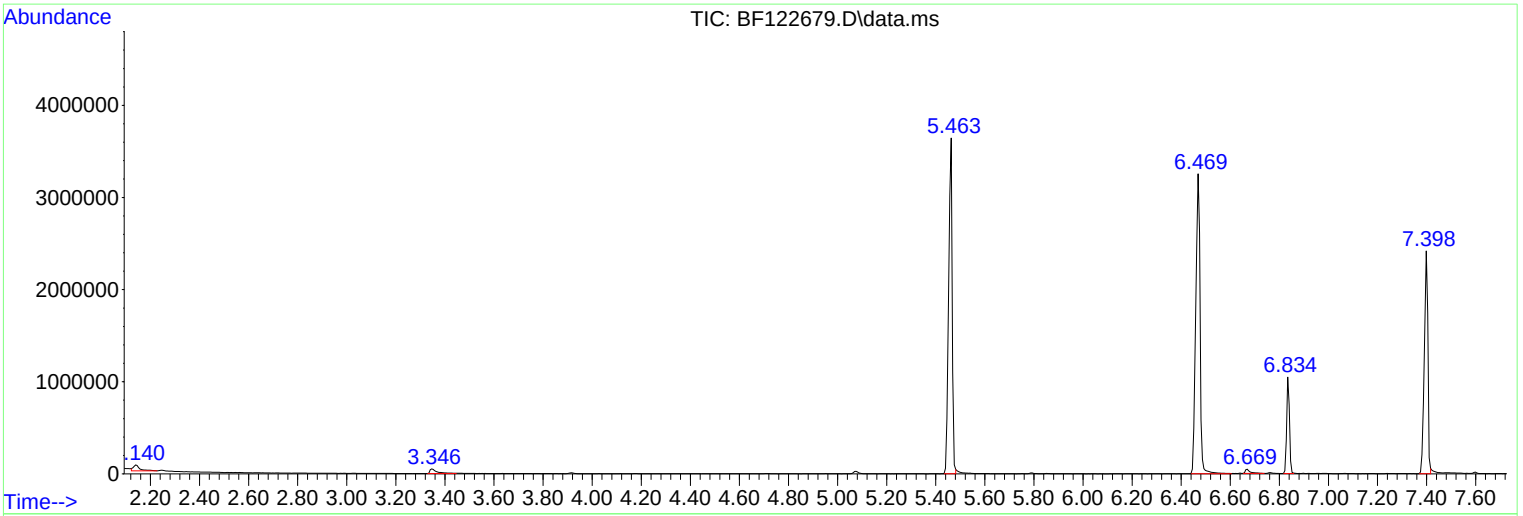
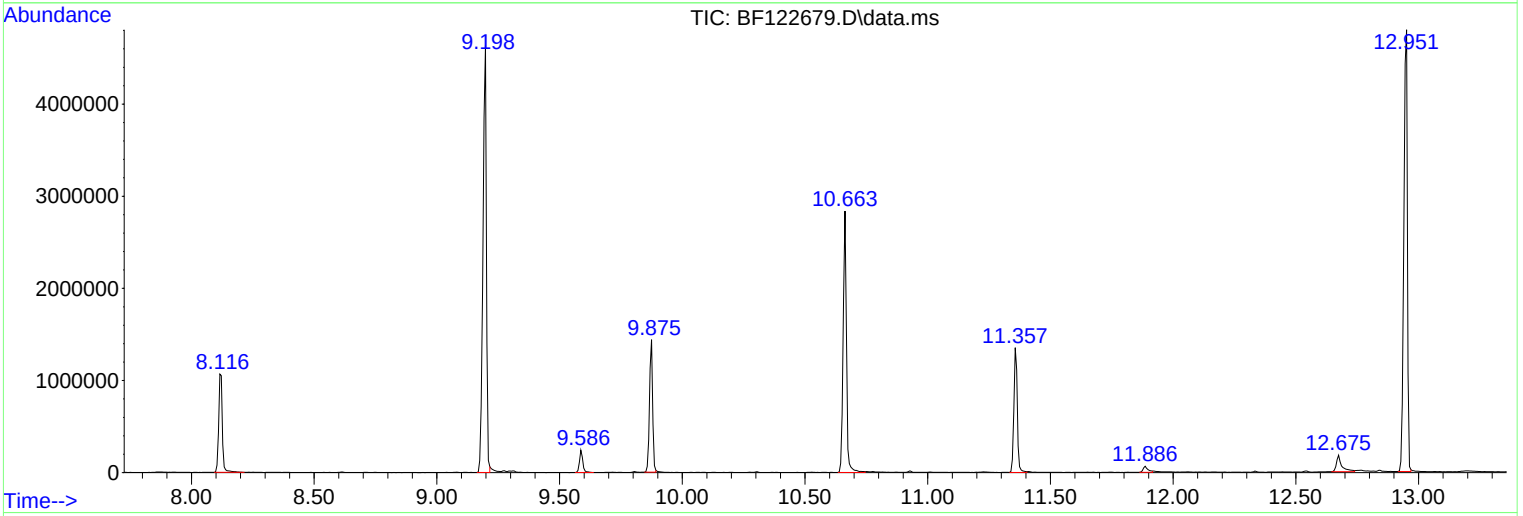
Misc :
ALS Vial : 7 Sample Multiplier: 1

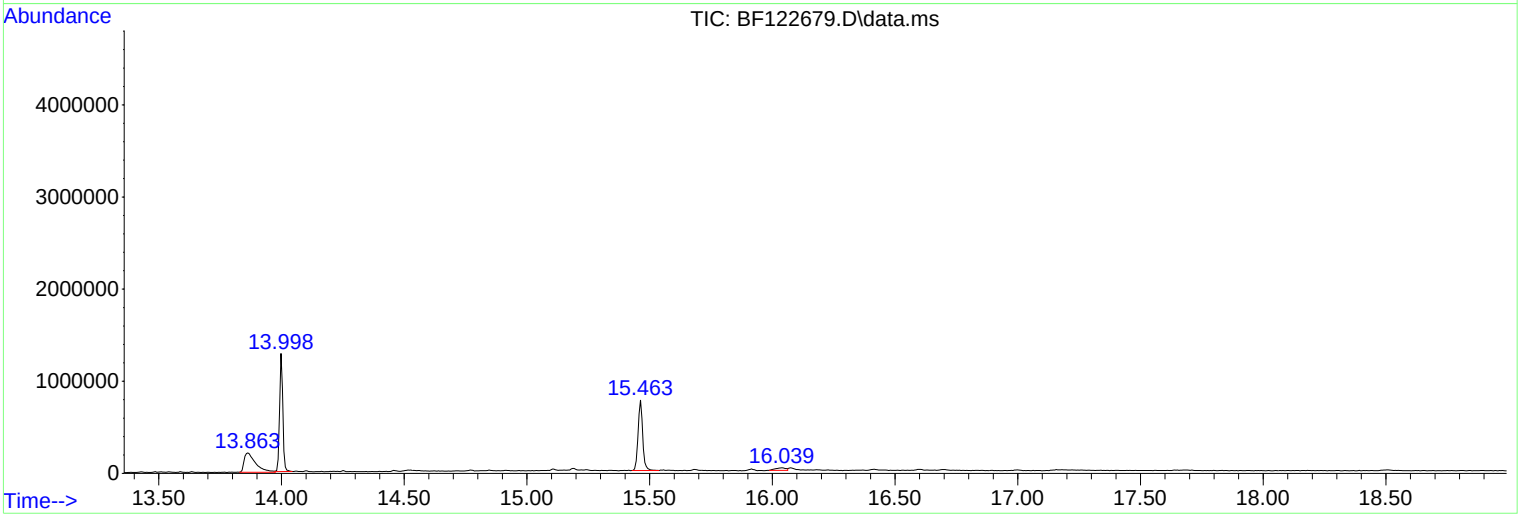
**Instrument :**
BNA_F
**ClientSampleId :**
KENS-B6-121020-13-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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Data File : BF122679.D
Acq On : 12 Dec 2020 15:37
Operator : JU/CG
Sample : L5042-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
KENS-B6-121020-13-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

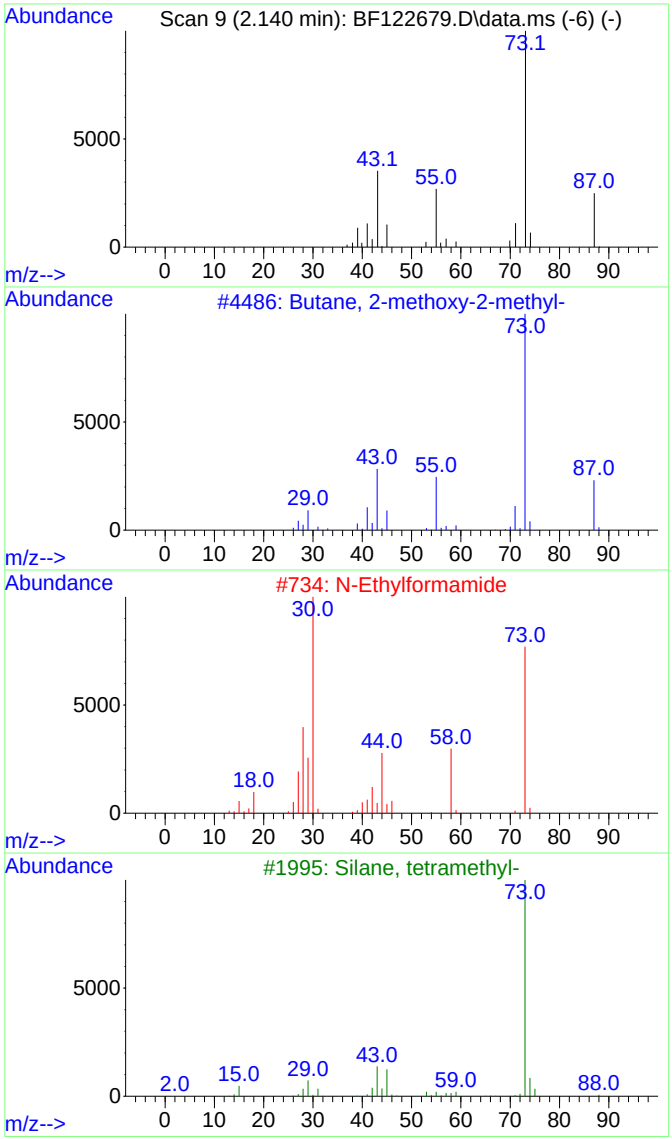
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

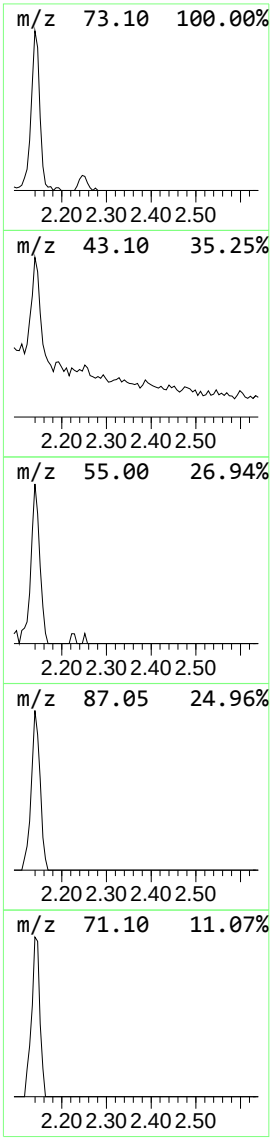
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.140 | 2.81 ng | 115835 | 1,4-Dichlorobenzene-d4 | 6.834 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 9 |
| 5 | 1,4-Butanediamine | 88 | C4H12N2 | 000110-60-1 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122679.D
Acq On : 12 Dec 2020 15:37
Operator : JU/CG
Sample : L5042-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** KENS-B6-121020-13-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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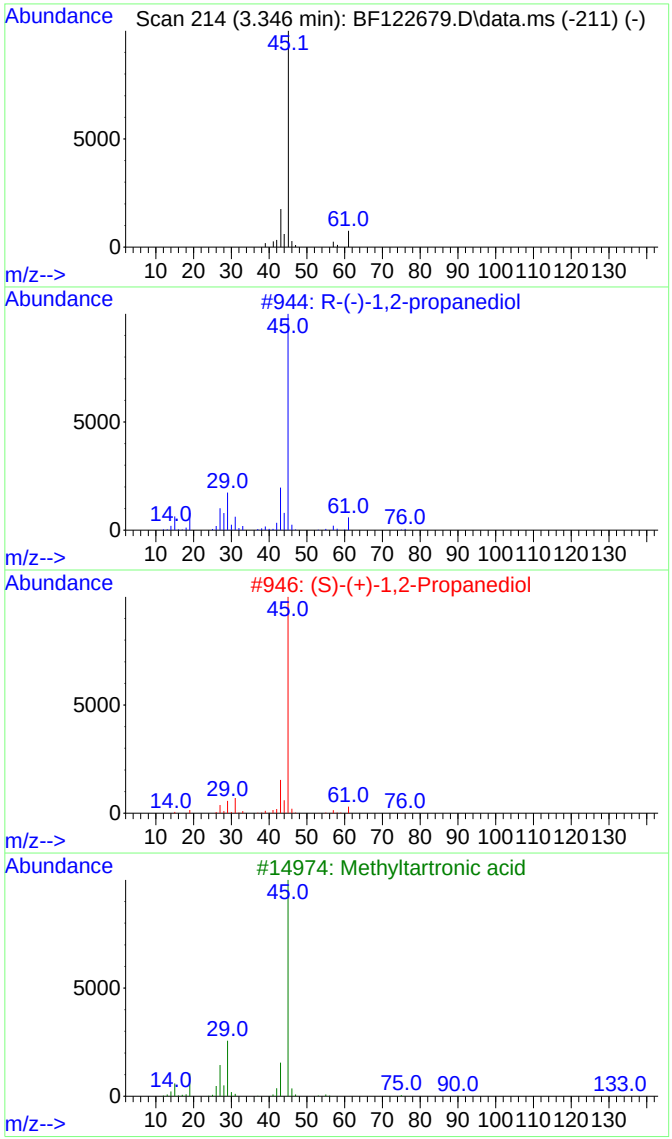
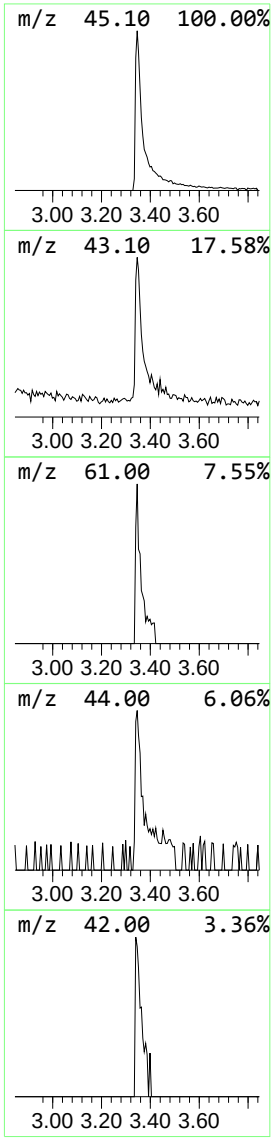
Peak Number 2 R-(-)-1,2-propanediol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.346 | 2.50 ng | 103163 | 1,4-Dichlorobenzene-d4 | 6.834 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 64 |
| 2 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 43 |
| 3 | Methyltartronic acid | 134 | C4H6O5 | 000595-98-2 | 9 |
| 4 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 9 |
| 5 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122679.D
Acq On : 12 Dec 2020 15:37
Operator : JU/CG
Sample : L5042-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** KENS-B6-121020-13-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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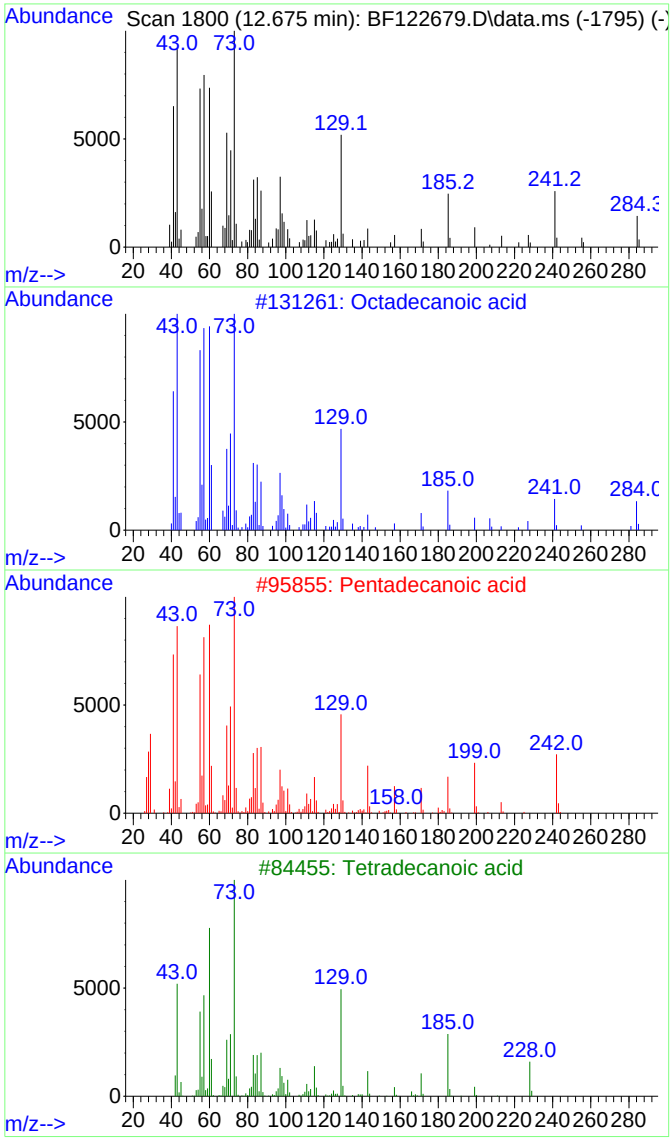
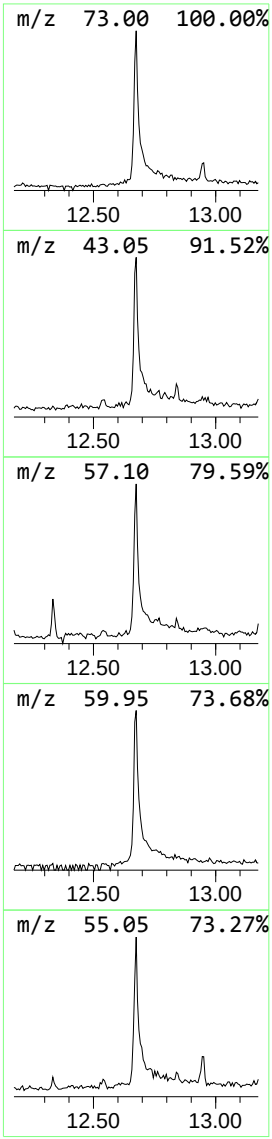
Peak Number 3 Octadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.675 | 4.12 ng | 269626 | Phenanthrene-d10 | 11.357 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 72 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 68 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 58 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122679.D
Acq On : 12 Dec 2020 15:37
Operator : JU/CG
Sample : L5042-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** KENS-B6-121020-13-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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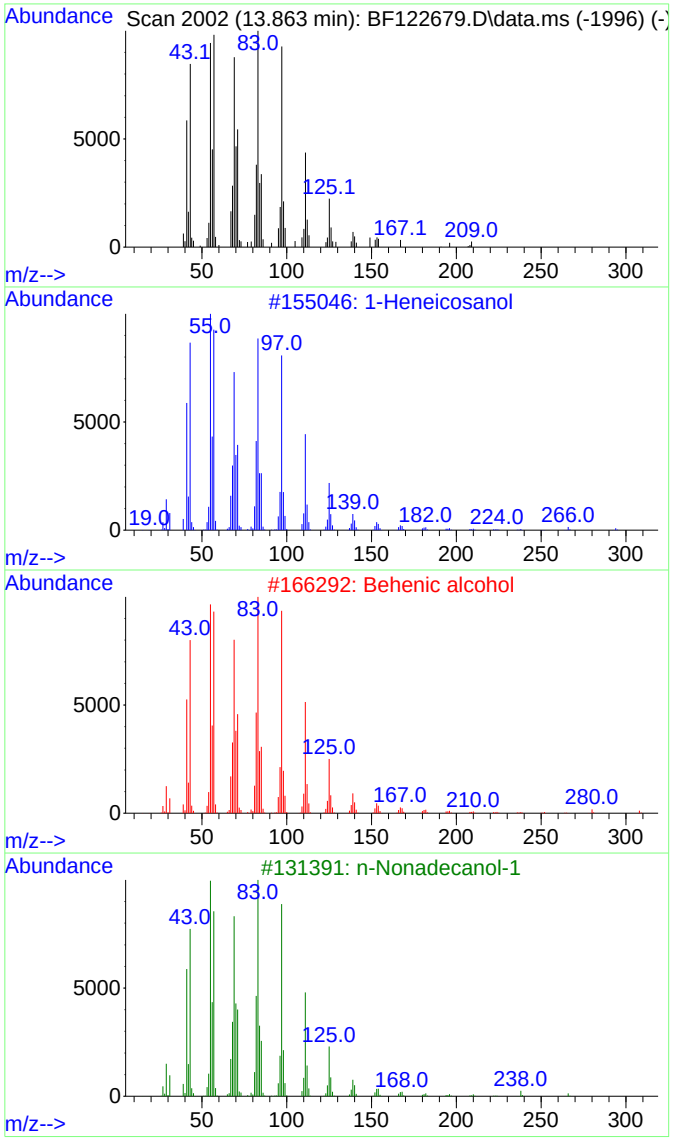
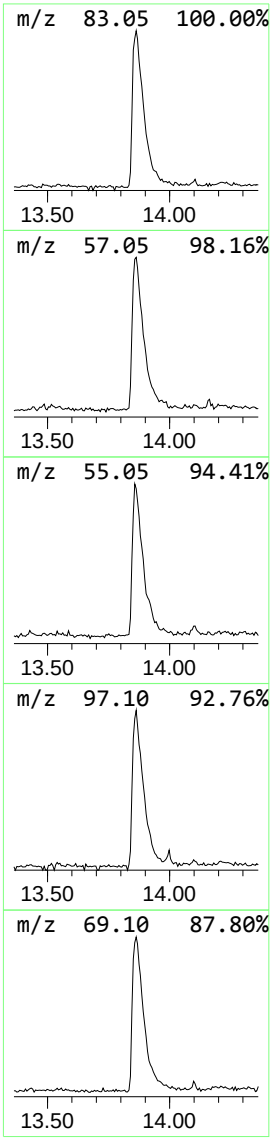
Peak Number 4 1-Heneicosanol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.863 | 11.67 ng | 680112 | Chrysene-d12 | 13.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 95 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 95 |
| 4 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122679.D
Acq On : 12 Dec 2020 15:37
Operator : JU/CG
Sample : L5042-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** KENS-B6-121020-13-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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 |
| Butane, 2-metho... | 2.140 | 2.8 | ng | 115835 | 1 | 6.834 | 825400 | 20.0 |
| R-(-)-1,2-propa... | 3.346 | 2.5 | ng | 103163 | 1 | 6.834 | 825400 | 20.0 |
| Octadecanoic acid | 12.675 | 4.1 | ng | 269626 | 4 | 11.357 | 1307590 | 20.0 |
| 1-Heneicosanol | 13.863 | 11.7 | ng | 680112 | 5 | 13.998 | 1165930 | 20.0 |