LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138868.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.898 | 302 | 307 | 317 | rBB | 18796 | 29585 | 1.68% | 0.337% |
| 2 | 5.051 | 499 | 503 | 515 | rVB | 18603 | 27200 | 1.54% | 0.310% |
| 3 | 5.469 | 569 | 574 | 593 | rBV | 356596 | 534207 | 30.26% | 6.093% |
| 4 | 5.798 | 623 | 630 | 654 | rBV | 605927 | 942392 | 53.38% | 10.748% |
| 5 | 6.481 | 741 | 746 | 768 | rVB | 237898 | 335615 | 19.01% | 3.828% |
| 6 | 6.839 | 802 | 807 | 813 | rBB | 180948 | 223757 | 12.67% | 2.552% |
| 7 | 7.404 | 897 | 903 | 917 | rBV | 722928 | 987011 | 55.90% | 11.257% |
| 8 | 8.116 | 1019 | 1024 | 1043 | rBB | 230814 | 295806 | 16.75% | 3.374% |
| 9 | 8.333 | 1057 | 1061 | 1063 | rBV | 83042 | 103351 | 5.85% | 1.179% |
| 10 | 8.363 | 1063 | 1066 | 1077 | rVB | 91571 | 135981 | 7.70% | 1.551% |
| 11 | 9.192 | 1201 | 1207 | 1212 | rBV | 1391497 | 1765554 | 100.00% | 20.137% |
| 12 | 9.869 | 1317 | 1322 | 1330 | rBV | 264336 | 322908 | 18.29% | 3.683% |
| 13 | 10.663 | 1452 | 1457 | 1489 | rBV | 703541 | 925186 | 52.40% | 10.552% |
| 14 | 11.357 | 1570 | 1575 | 1584 | rBV | 255470 | 314823 | 17.83% | 3.591% |
| 15 | 12.939 | 1838 | 1844 | 1849 | rBV | 1173835 | 1486476 | 84.19% | 16.954% |
| 16 | 13.998 | 2019 | 2024 | 2032 | rVB | 132730 | 178185 | 10.09% | 2.032% |
| 17 | 15.457 | 2266 | 2272 | 2286 | rBV2 | 94558 | 159634 | 9.04% | 1.821% |

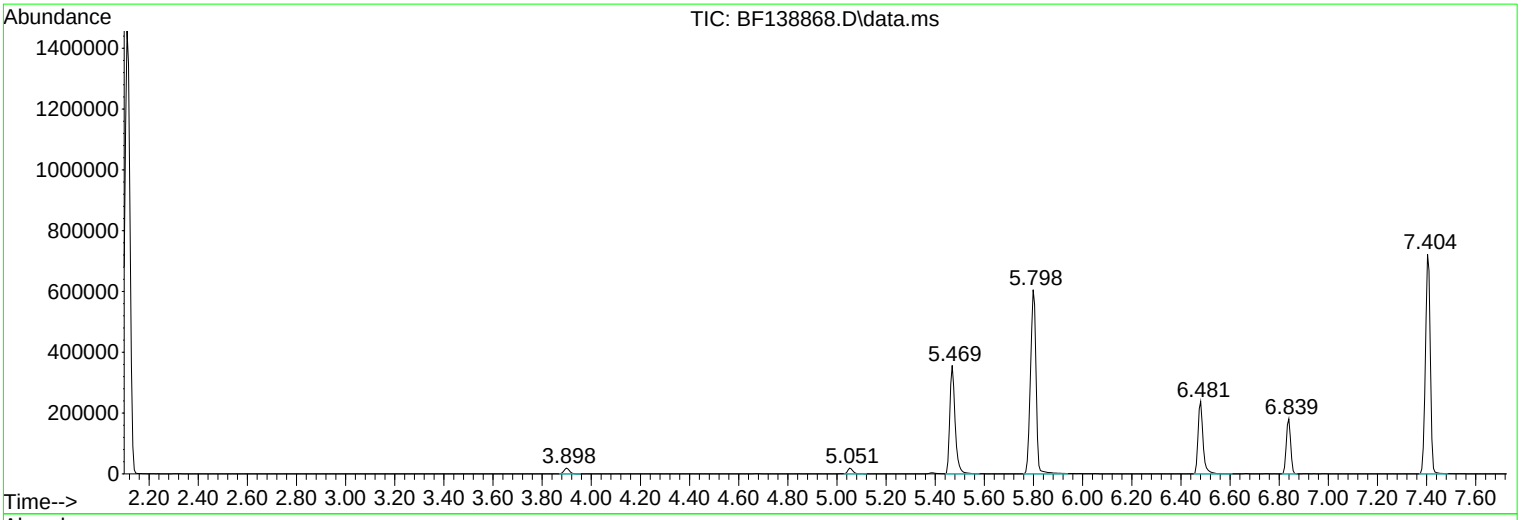
Sum of corrected areas: 8767671

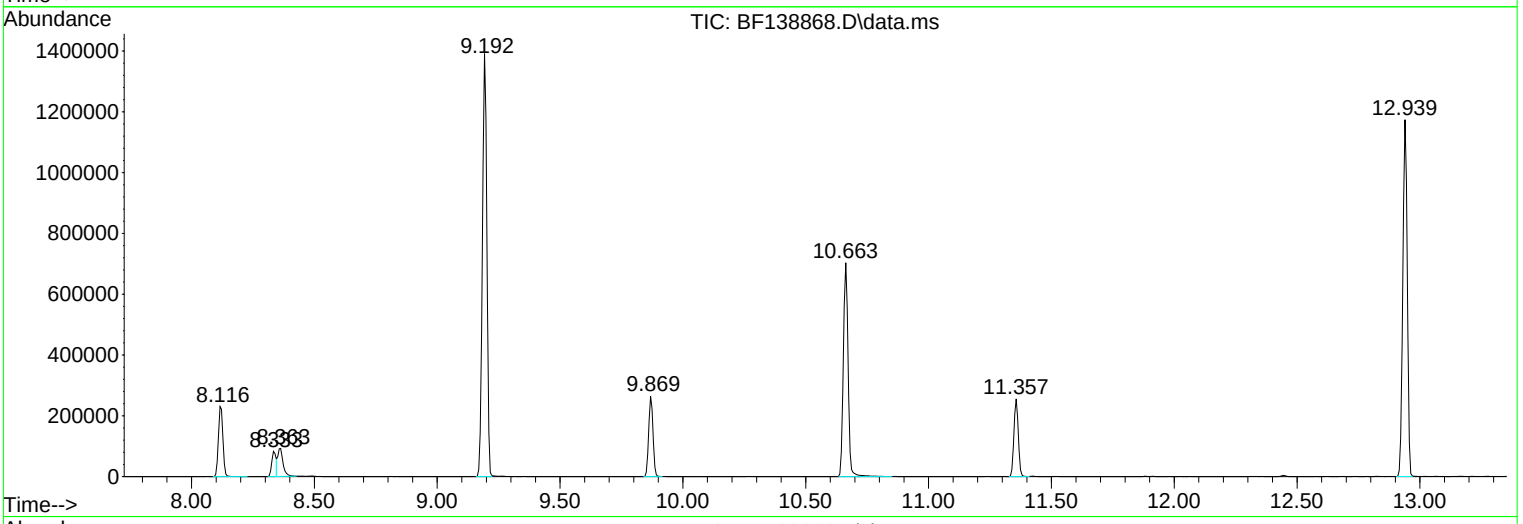
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

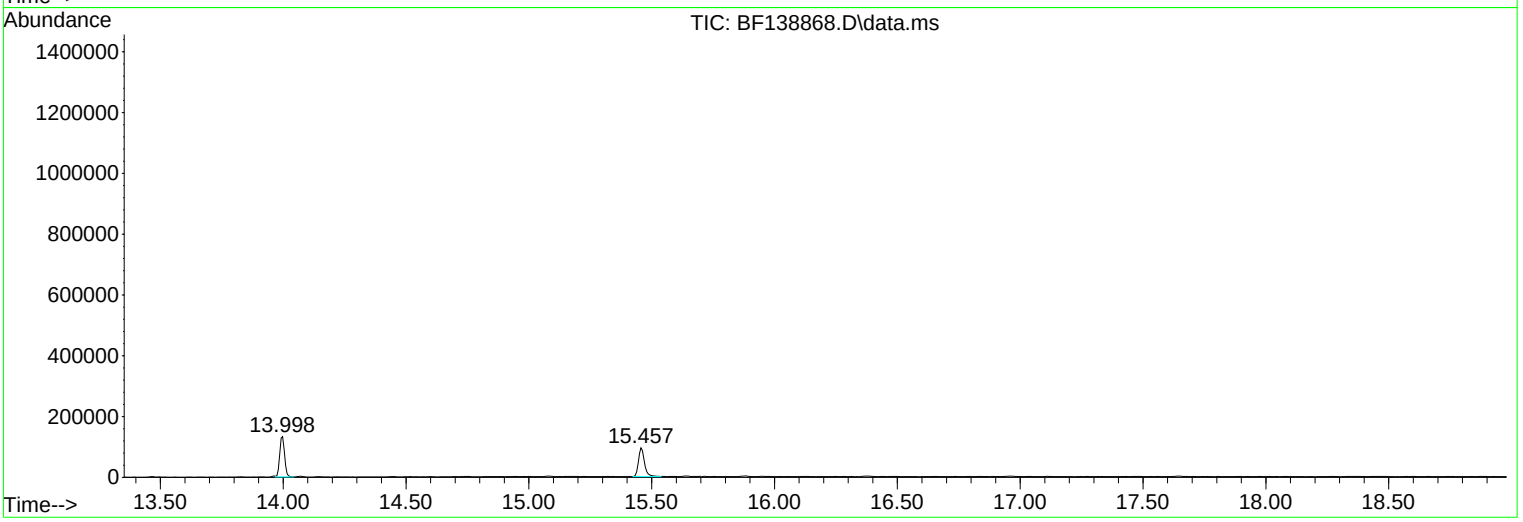
**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

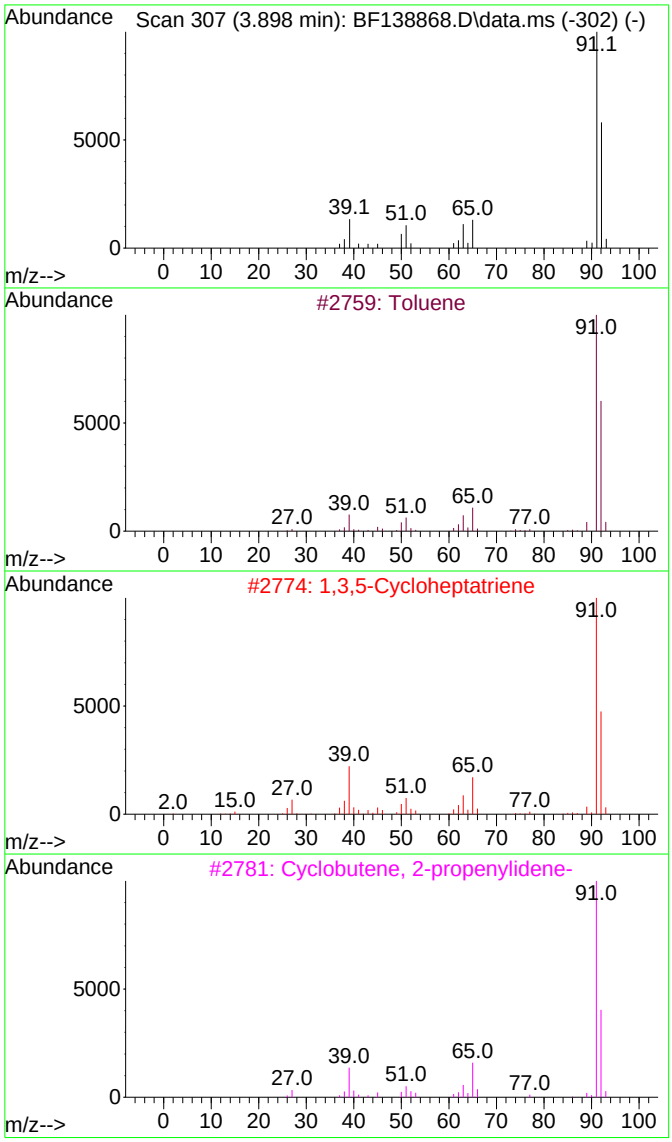
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

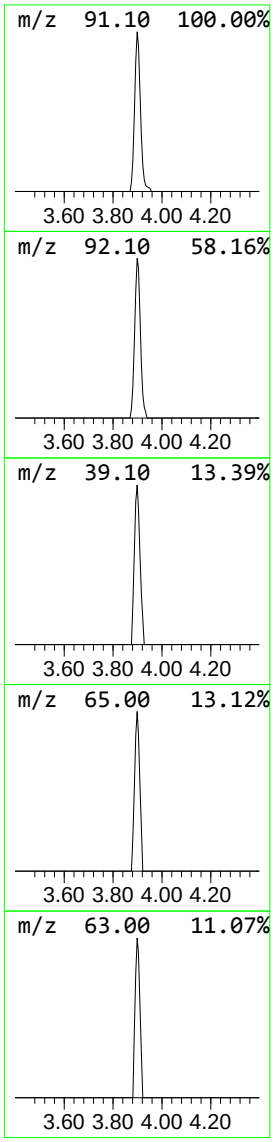
**********

Peak Number 1 Toluene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.898 | 2.64 ng | 29585 | 1,4-Dichlorobenzene-d4 | 6.839 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 2 | 1,3,5-Cycloheptatriene | 92 | C7H8 | 000544-25-2 | 86 |
| 3 | Cyclobutene, 2-propenylidene- | 92 | C7H8 | 052097-85-5 | 80 |
| 4 | 1,5-Heptadien-3-yne | 92 | C7H8 | 003511-27-1 | 72 |
| 5 | Molybdenum, di-.mu.-chlorobis[(1... | 532 | C20H26Cl2Mo2 | 035625-66-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

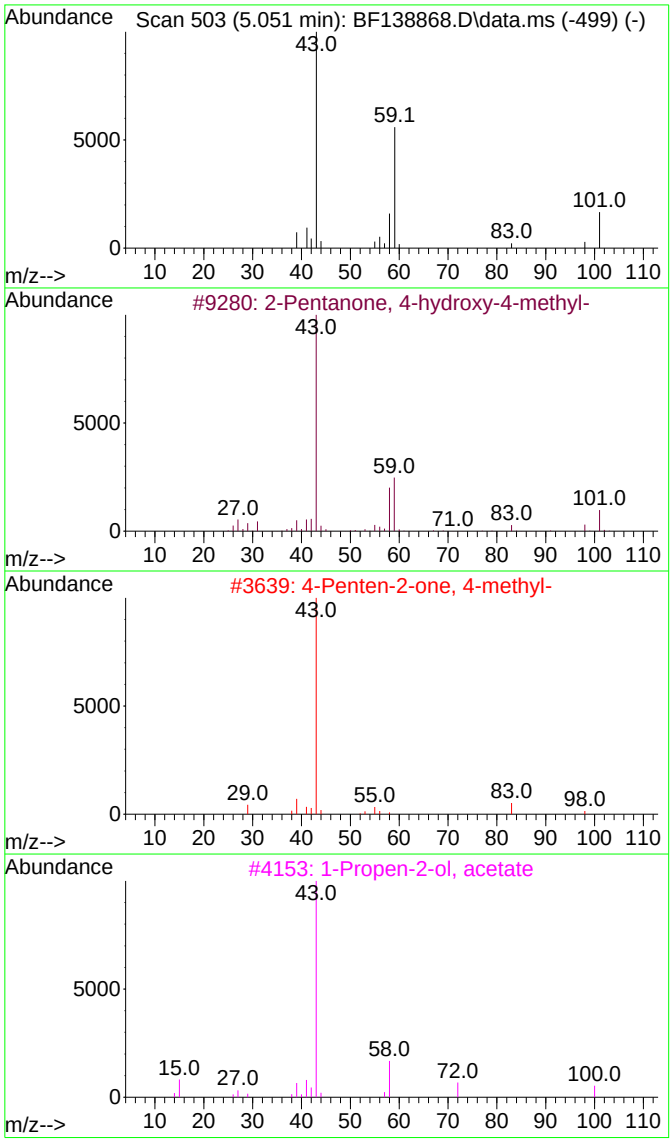
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

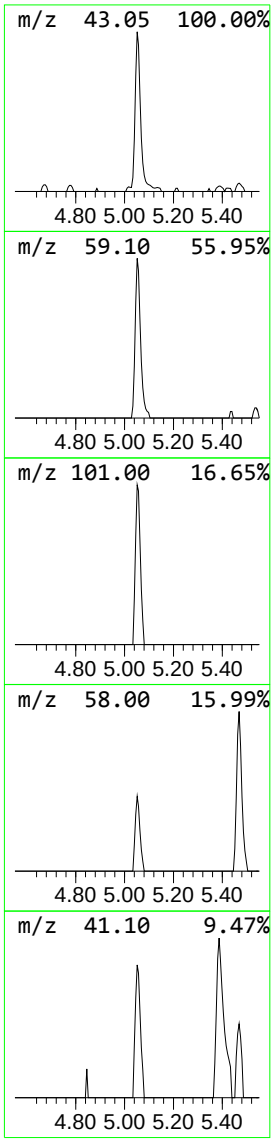
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.051 | 2.43 ng | 27200 | 1,4-Dichlorobenzene-d4 | 6.839 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | 4-Penten-2-one, 4-methyl- | 98 | C6H10O | 003744-02-3 | 9 |
| 3 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 9 |
| 4 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 9 |
| 5 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

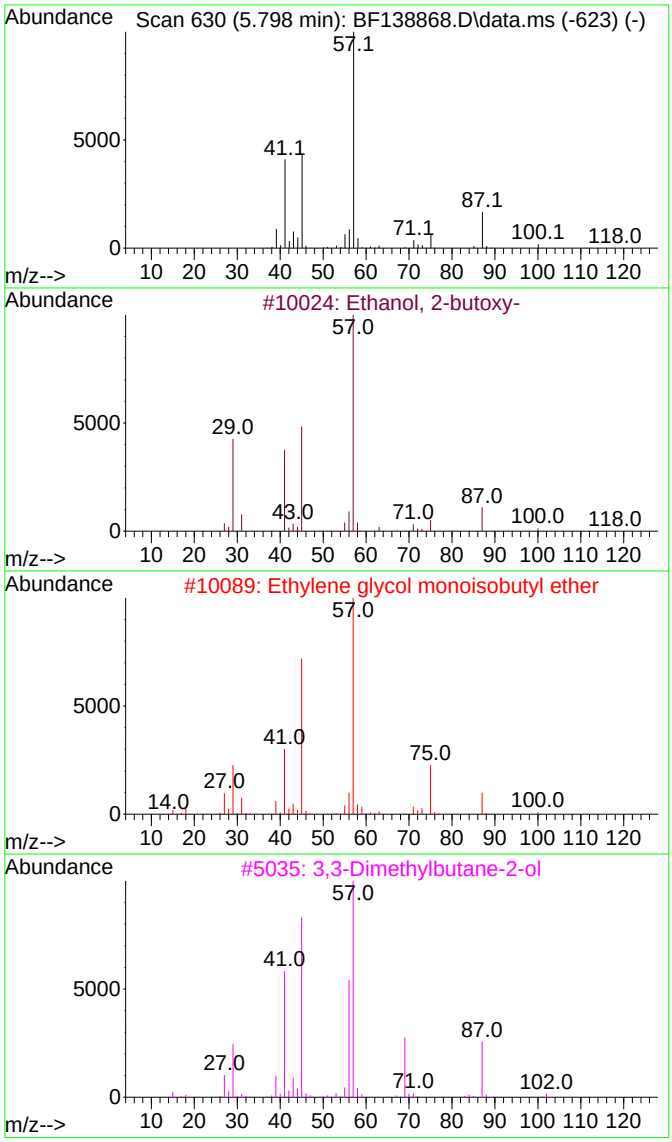
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

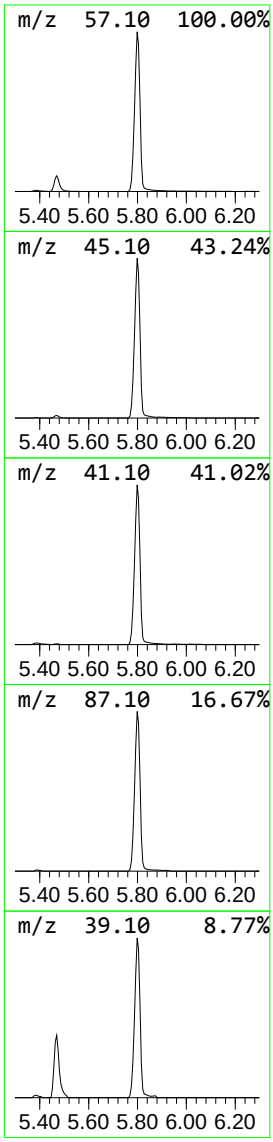
**********

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.798 | 84.23 ng | 942392 | 1,4-Dichlorobenzene-d4 | 6.839 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 83 |
| 2 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 72 |
| 3 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 42 |
| 4 | Propanoic acid, 2,2-dimethyl- | 102 | C5H10O2 | 000075-98-9 | 25 |
| 5 | 1,3-Propanediol, 2-methyl-, dipr... | 202 | C10H18O4 | 054932-83-1 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

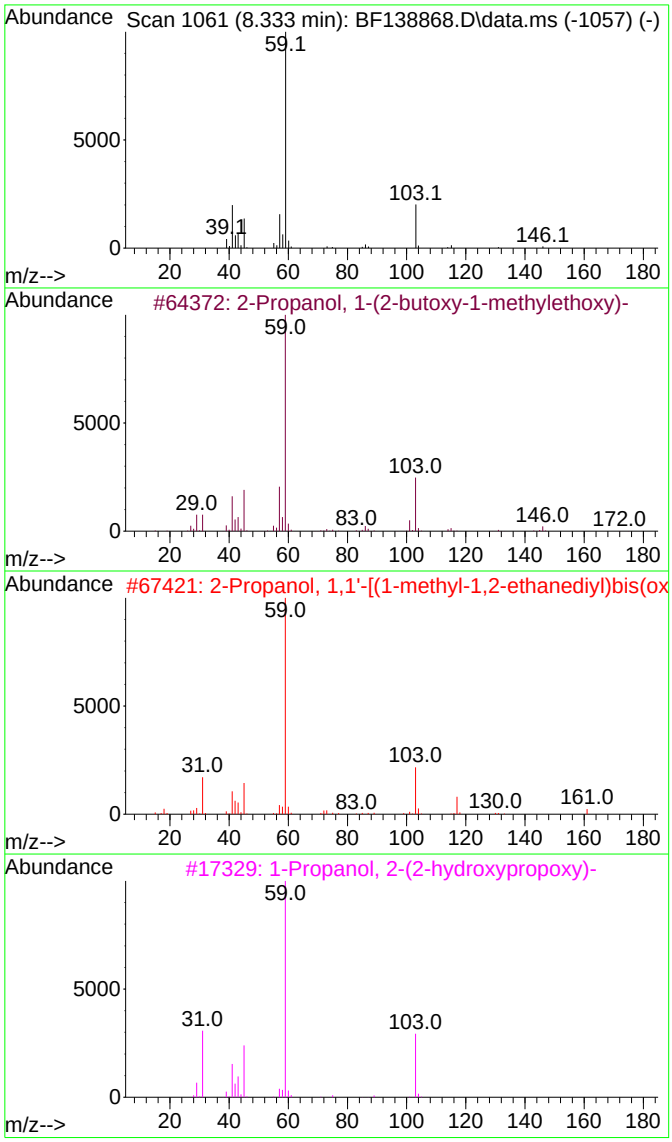
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

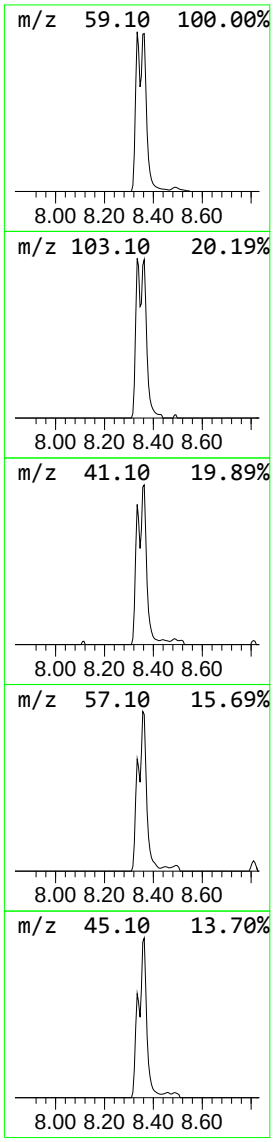
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.333 | 6.99 ng | 103351 | Naphthalene-d8 | 8.116 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-butoxy-1-methyl... | 190 | C10H22O3 | 029911-28-2 | 83 |
| 2 | 2-Propanol, 1,1'-[(1-methyl-1,2-... | 192 | C9H20O4 | 001638-16-0 | 78 |
| 3 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 78 |
| 4 | 2-Propanol, 1-[1-methyl-2-(2-pro... | 174 | C9H18O3 | 055956-25-7 | 74 |
| 5 | Tetraglyme | 222 | C10H22O5 | 000143-24-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

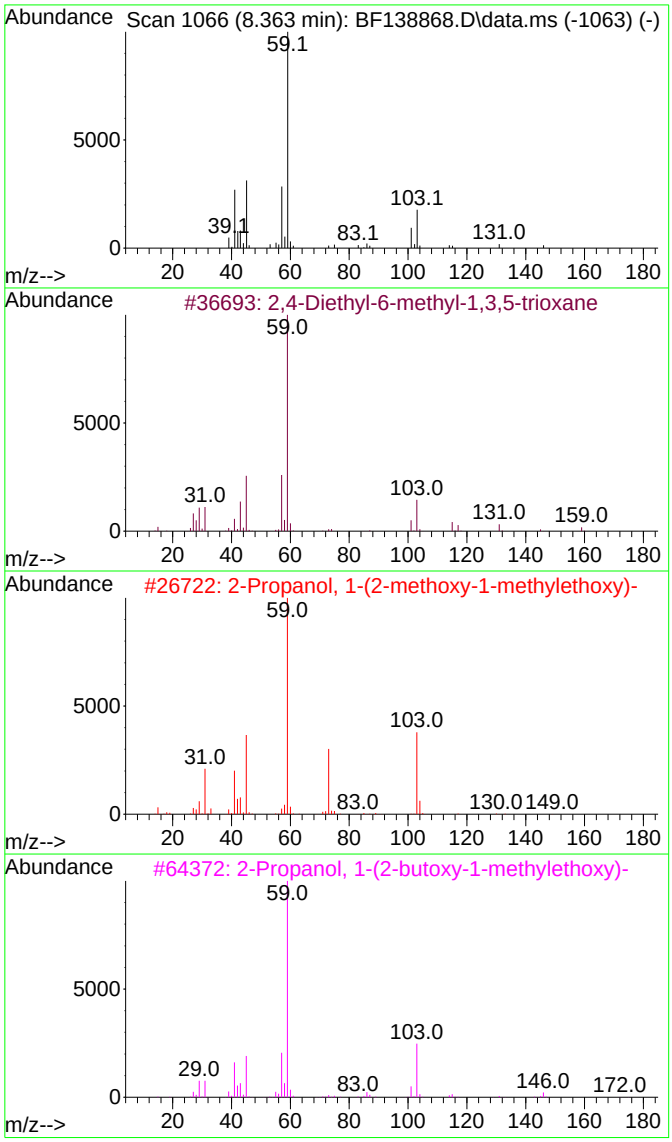
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

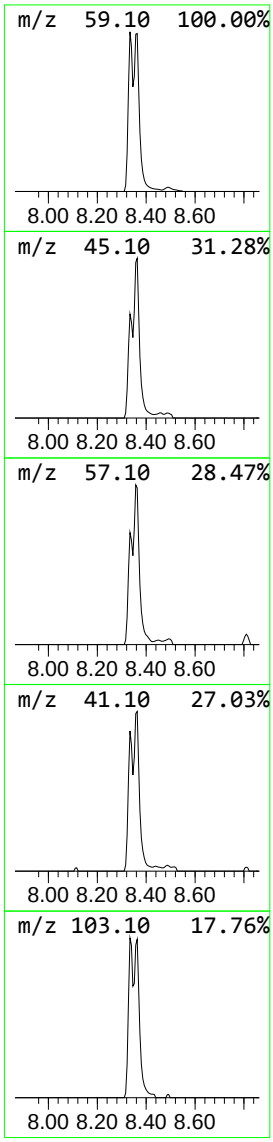
**********

Peak Number 5 2,4-Diethyl-6-methyl-1,3,5-... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.363 | 9.19 ng | 135981 | Naphthalene-d8 | 8.116 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Diethyl-6-methyl-1,3,5-trioxane | 160 | C8H16O3 | 117888-04-7 | 72 |
| 2 | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3 | 020324-32-7 | 64 |
| 3 | 2-Propanol, 1-(2-butoxy-1-methyl... | 190 | C10H22O3 | 029911-28-2 | 64 |
| 4 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 59 |
| 5 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 59 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138868.D
Acq On : 08 Aug 2024 16:28
Operator : RC/JU
Sample : P3416-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MLS-15-106-121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Toluene | 3.898 | 2.6 | ng | 29585 | 1 | 6.839 | 223757 | 20.0 |
| 2-Pentanone, 4-... | 5.051 | 2.4 | ng | 27200 | 1 | 6.839 | 223757 | 20.0 |
| Ethanol, 2-butoxy- | 5.798 | 84.2 | ng | 942392 | 1 | 6.839 | 223757 | 20.0 |
| 2-Propanol, 1-(... | 8.333 | 7.0 | ng | 103351 | 2 | 8.116 | 295806 | 20.0 |
| 2,4-Diethyl-6-m... | 8.363 | 9.2 | ng | 135981 | 2 | 8.116 | 295806 | 20.0 |