LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139559.D
Acq On : 26 Sep 2024 21:24
Operator : RC/JU
Sample : P4190-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-T

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139559.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.157 | 4 | 11 | 19 | rVB | 1489542 | 2292812 | 100.00% | 16.314% |
| 2 | 3.375 | 213 | 218 | 235 | rBV | 23442 | 60027 | 2.62% | 0.427% |
| 3 | 5.087 | 499 | 509 | 516 | rBV | 75643 | 116714 | 5.09% | 0.830% |
| 4 | 5.493 | 572 | 578 | 584 | rBV | 1136211 | 1485165 | 64.77% | 10.568% |
| 5 | 6.504 | 744 | 750 | 755 | rBV | 1214144 | 1571742 | 68.55% | 11.184% |
| 6 | 6.704 | 779 | 784 | 793 | rBV | 18161 | 26910 | 1.17% | 0.191% |
| 7 | 6.875 | 808 | 813 | 818 | rBV | 354061 | 421853 | 18.40% | 3.002% |
| 8 | 7.434 | 900 | 908 | 913 | rBV | 756275 | 989875 | 43.17% | 7.043% |
| 9 | 8.157 | 1026 | 1031 | 1046 | rVB | 441316 | 543398 | 23.70% | 3.866% |
| 10 | 8.469 | 1079 | 1084 | 1098 | rVB | 44984 | 65176 | 2.84% | 0.464% |
| 11 | 9.233 | 1208 | 1214 | 1223 | rBV | 1355429 | 1760496 | 76.78% | 12.527% |
| 12 | 9.910 | 1324 | 1329 | 1334 | rBV | 483820 | 587839 | 25.64% | 4.183% |
| 13 | 10.004 | 1340 | 1345 | 1353 | rVB | 37875 | 56517 | 2.46% | 0.402% |
| 14 | 10.698 | 1458 | 1463 | 1478 | rBV | 780063 | 997622 | 43.51% | 7.098% |
| 15 | 11.398 | 1577 | 1582 | 1590 | rBV | 488277 | 631424 | 27.54% | 4.493% |
| 16 | 11.922 | 1664 | 1671 | 1679 | rBV3 | 20037 | 40155 | 1.75% | 0.286% |
| 17 | 12.610 | 1783 | 1788 | 1794 | rVB | 23372 | 28396 | 1.24% | 0.202% |
| 18 | 12.839 | 1818 | 1827 | 1831 | rBV2 | 19440 | 28829 | 1.26% | 0.205% |
| 19 | 12.980 | 1845 | 1851 | 1856 | rBV | 1276220 | 1581455 | 68.97% | 11.253% |
| 20 | 14.033 | 2025 | 2030 | 2041 | rBV | 288051 | 378605 | 16.51% | 2.694% |
| 21 | 15.510 | 2274 | 2281 | 2293 | rVB | 220412 | 355131 | 15.49% | 2.527% |
| 22 | 17.751 | 2655 | 2662 | 2675 | rVB | 11753 | 33901 | 1.48% | 0.241% |

Sum of corrected areas: 14054042

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ALS Vial : 14 Sample Multiplier: 1

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**ClientSampleId :**
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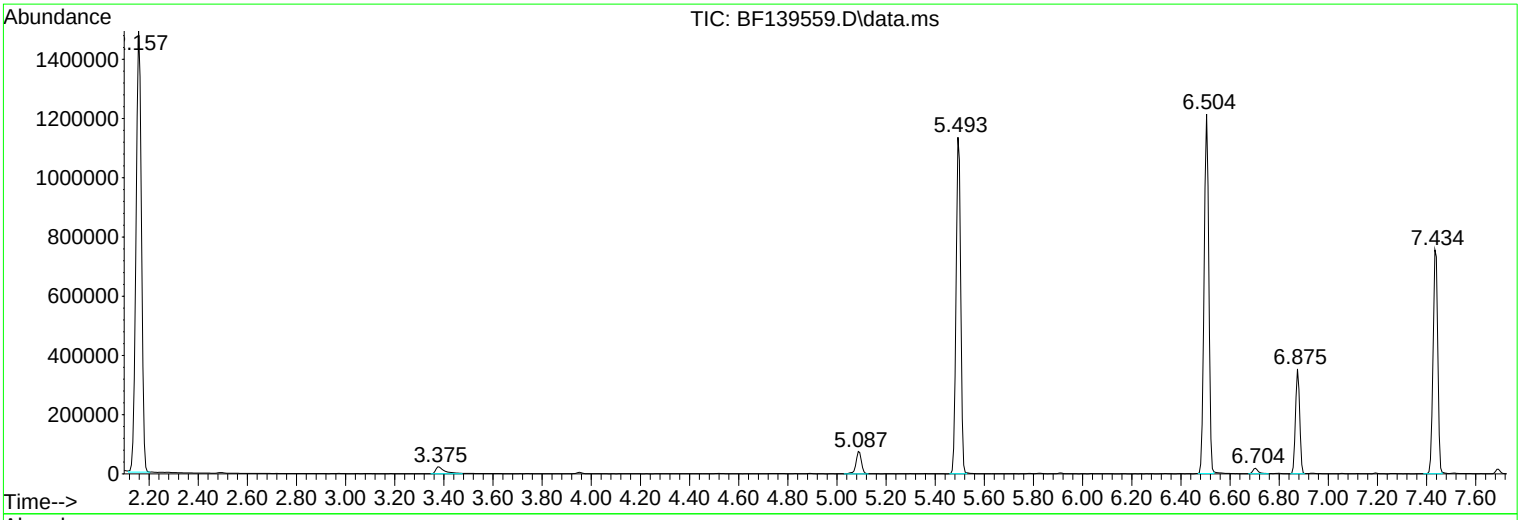
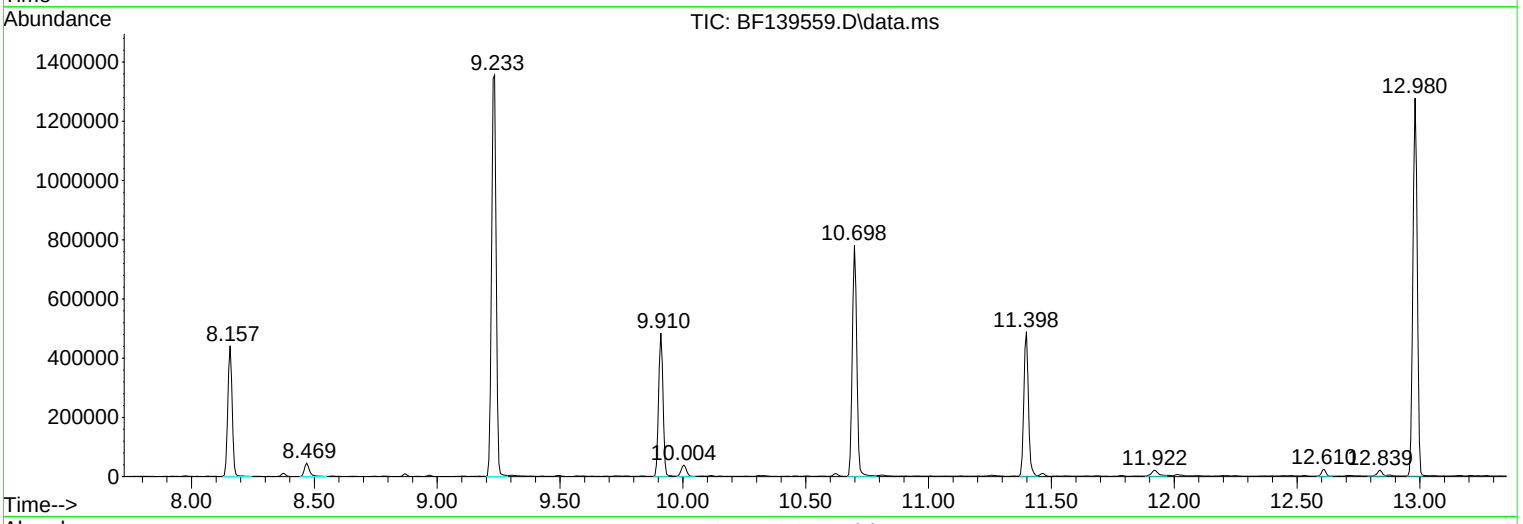
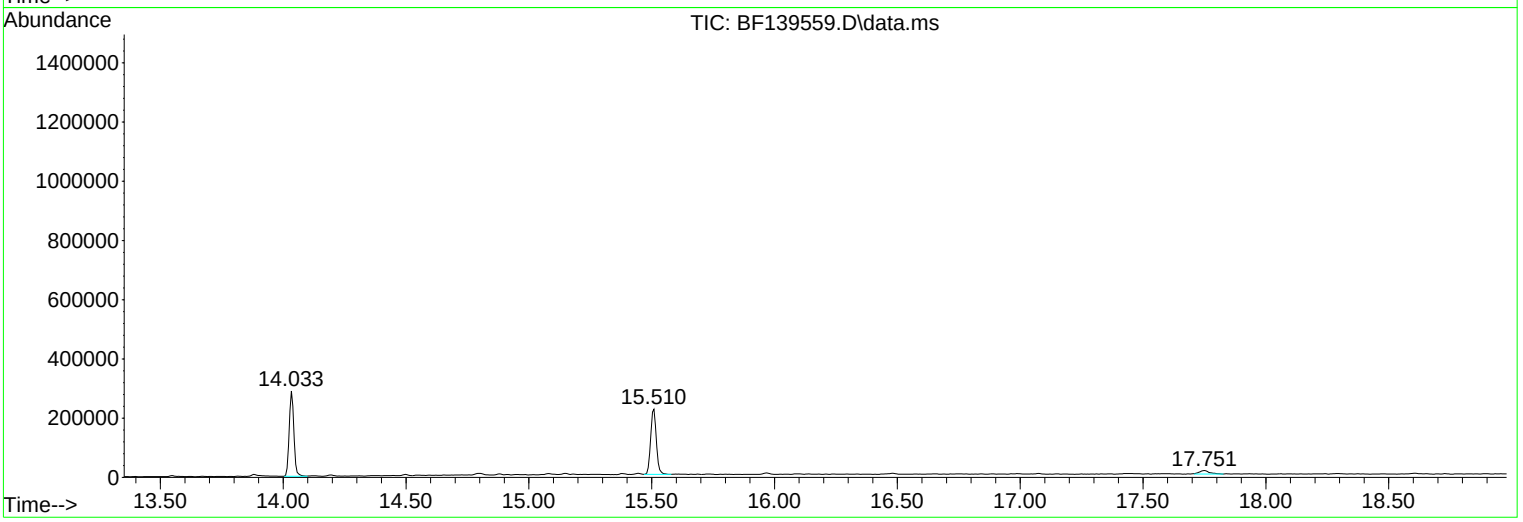
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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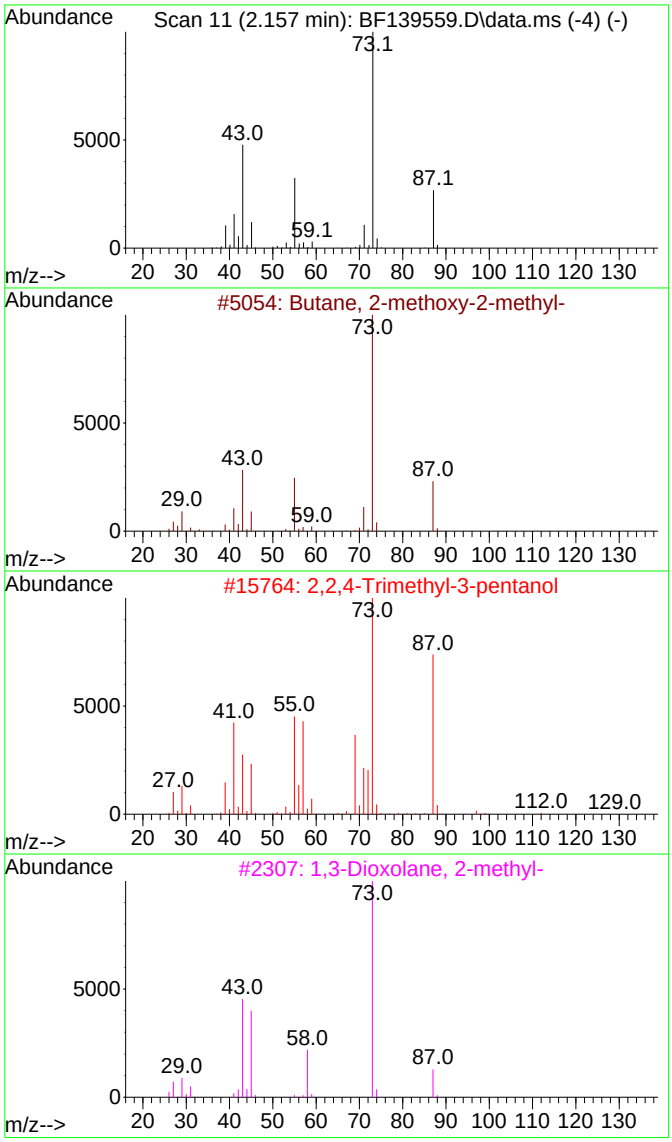
TIC Integration Parameters: LSCINT.P

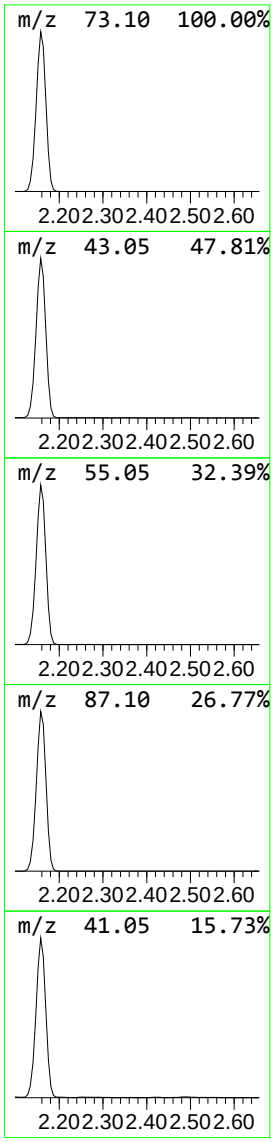
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.157 | 108.70 ng | 2292810 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |
| 5 | Borane, dimethoxy- | 74 | C2H7BO2 | 004542-61-4 | 9 |



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Data File : BF139559.D
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Sample : P4190-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-T

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

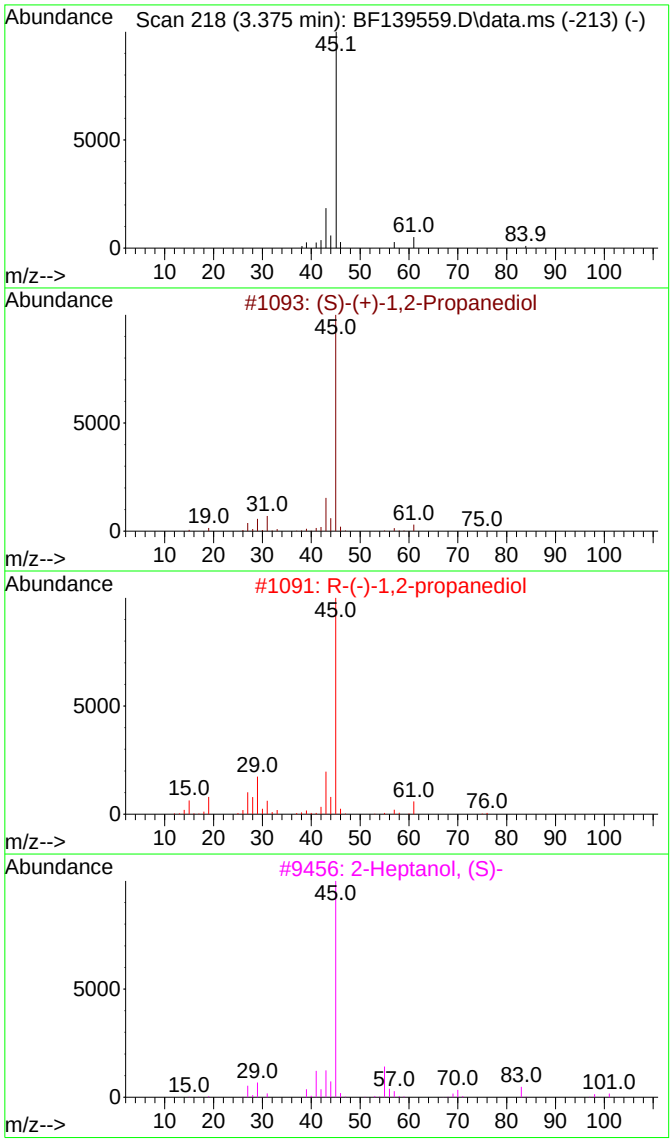
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

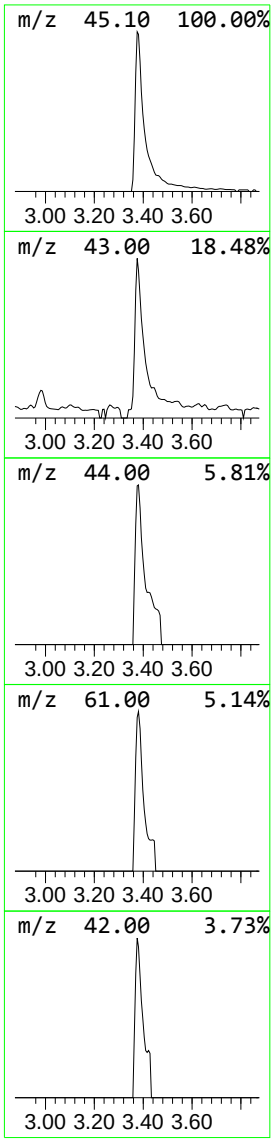
**********

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.375 | 2.85 ng | 60027 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 74 |
| 2 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 64 |
| 3 | 2-Heptanol, (S)- | 116 | C7H16O | 006033-23-4 | 9 |
| 4 | Butanenitrile, 2-(methoxymethoxy) | 129 | C6H11NO2 | 1000196-86-5 | 9 |
| 5 | 2-Pentanol | 88 | C5H12O | 006032-29-7 | 9 |



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Acq On : 26 Sep 2024 21:24
Operator : RC/JU
Sample : P4190-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-T

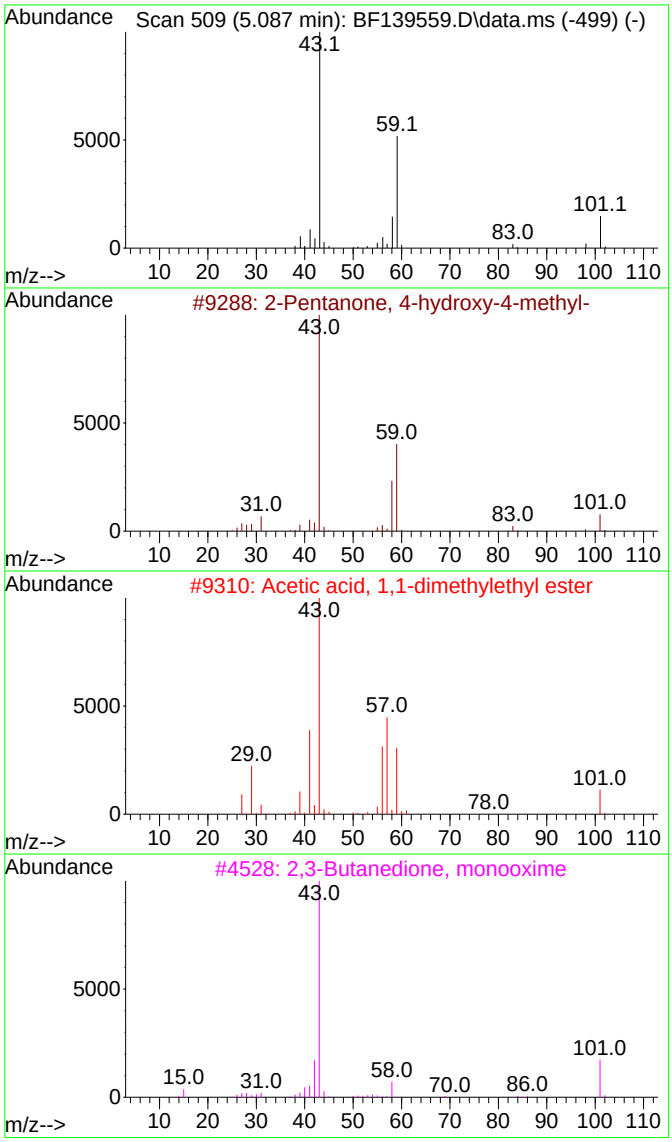
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

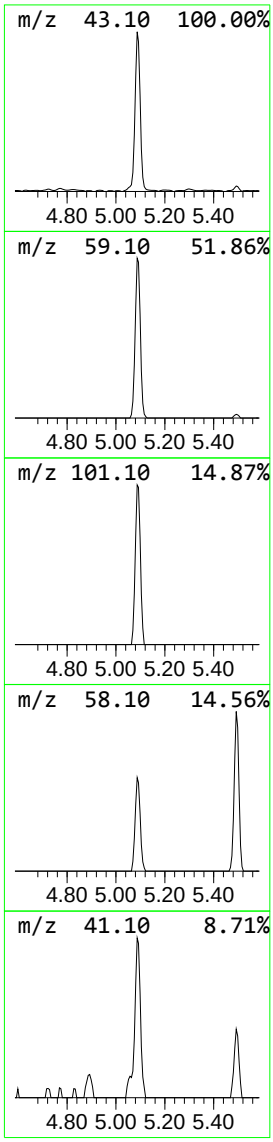
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.087 | 5.53 ng | 116714 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 23 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |
| 5 | 2-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000625-06-9 | 9 |



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Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

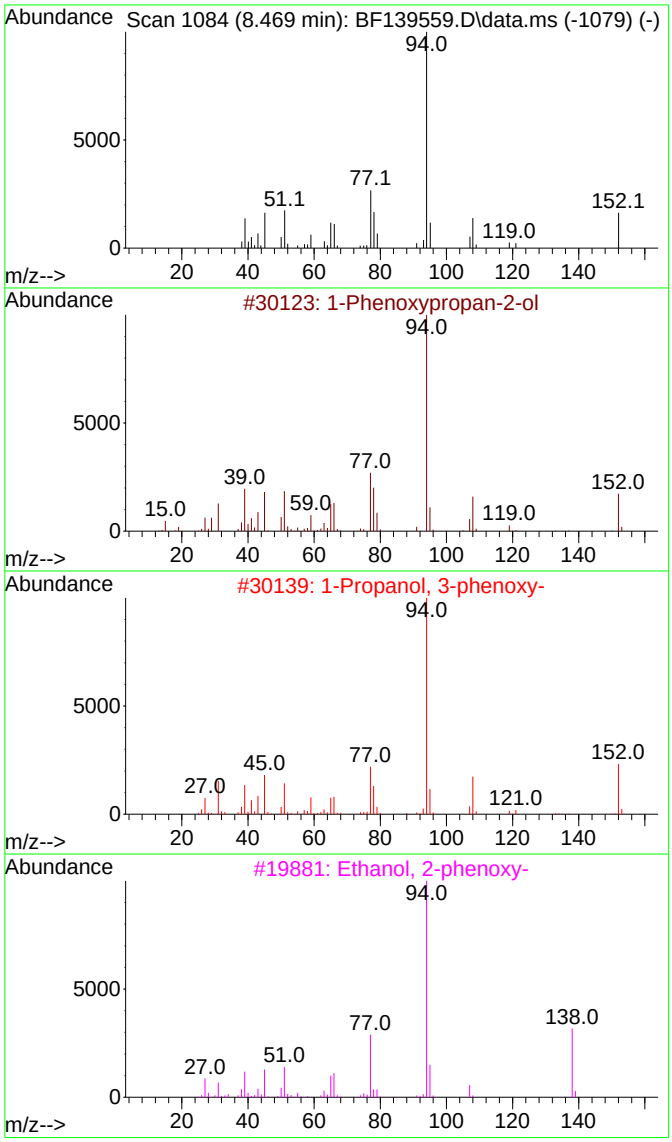
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

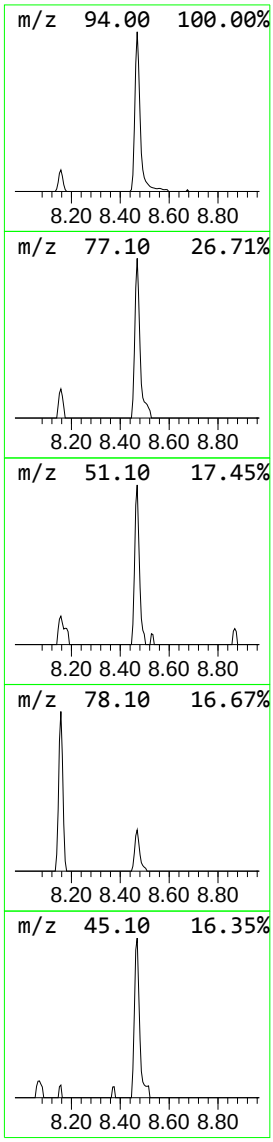
**********

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.469 | 2.40 ng | 65176 | Naphthalene-d8 | 8.157 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 96 |
| 2 | 1-Propanol, 3-phenoxy- | 152 | C9H12O2 | 006180-61-6 | 83 |
| 3 | Ethanol, 2-phenoxy- | 138 | C8H10O2 | 000122-99-6 | 64 |
| 4 | 1-Propanol, 2-phenoxy- | 152 | C9H12O2 | 004169-04-4 | 59 |
| 5 | Benzene, (2-methylpropoxy)- | 150 | C10H14O | 001126-75-6 | 53 |



Tentatively Identified Compound (LSC) summary

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Sample : P4190-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.157 | 108.7 | ng | 2292810 | 1 | 6.875 | 421853 | 20.0 |
| (S)-(+)-1,2-Pro... | 3.375 | 2.9 | ng | 60027 | 1 | 6.875 | 421853 | 20.0 |
| 2-Pentanone, 4-... | 5.087 | 5.5 | ng | 116714 | 1 | 6.875 | 421853 | 20.0 |
| 1-Phenoxypropan... | 8.469 | 2.4 | ng | 65176 | 2 | 8.157 | 543398 | 20.0 |