LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126095.D
Acq On : 9 Nov 2021 22:36
Operator : JU/CG
Sample : M4583-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
VWE-B7-110621-10-20

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-BF110321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126095.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.146 | 3 | 10 | 15 | rBV | 1529265 | 1968335 | 31.78% | 5.120% |
| 2 | 2.246 | 23 | 27 | 33 | rVB | 54324 | 75292 | 1.22% | 0.196% |
| 3 | 5.069 | 504 | 507 | 518 | rVB | 266076 | 355760 | 5.74% | 0.925% |
| 4 | 5.475 | 570 | 576 | 579 | rBV | 4562966 | 4756903 | 76.81% | 12.373% |
| 5 | 6.481 | 741 | 747 | 750 | rBV | 4656316 | 4996221 | 80.68% | 12.996% |
| 6 | 6.681 | 779 | 781 | 791 | rVB2 | 68752 | 81161 | 1.31% | 0.211% |
| 7 | 6.775 | 791 | 797 | 805 | rBV | 79886 | 76304 | 1.23% | 0.198% |
| 8 | 6.851 | 806 | 810 | 813 | rBV | 1612703 | 1190795 | 19.23% | 3.097% |
| 9 | 7.416 | 900 | 906 | 909 | rBV | 3675493 | 3273011 | 52.85% | 8.513% |
| 10 | 7.451 | 909 | 912 | 916 | rVB | 119177 | 99640 | 1.61% | 0.259% |
| 11 | 8.033 | 1008 | 1011 | 1023 | rBV | 466844 | 482143 | 7.79% | 1.254% |
| 12 | 8.133 | 1023 | 1028 | 1031 | rBV | 1861626 | 1534817 | 24.78% | 3.992% |
| 13 | 9.210 | 1206 | 1211 | 1214 | rBV | 7622636 | 6192783 | 100.00% | 16.108% |
| 14 | 9.886 | 1322 | 1326 | 1329 | rBV | 2051982 | 1579119 | 25.50% | 4.107% |
| 15 | 10.674 | 1456 | 1460 | 1463 | rBV | 3551279 | 3243768 | 52.38% | 8.437% |
| 16 | 11.369 | 1574 | 1578 | 1581 | rBV | 1667507 | 1321759 | 21.34% | 3.438% |
| 17 | 11.439 | 1586 | 1590 | 1595 | rVB3 | 68968 | 73377 | 1.18% | 0.191% |
| 18 | 12.580 | 1781 | 1784 | 1789 | rVB | 172774 | 137039 | 2.21% | 0.356% |
| 19 | 12.810 | 1820 | 1823 | 1826 | rVB | 121187 | 97990 | 1.58% | 0.255% |
| 20 | 12.957 | 1844 | 1848 | 1851 | rBV | 5163118 | 4308042 | 69.57% | 11.206% |
| 21 | 13.439 | 1927 | 1930 | 1936 | rBV4 | 55839 | 107537 | 1.74% | 0.280% |
| 22 | 13.862 | 1998 | 2002 | 2011 | rVB2 | 220336 | 291643 | 4.71% | 0.759% |
| 23 | 14.004 | 2021 | 2026 | 2030 | rBV | 1150482 | 1231304 | 19.88% | 3.203% |
| 24 | 14.486 | 2105 | 2108 | 2111 | rBV3 | 50580 | 73975 | 1.19% | 0.192% |
| 25 | 15.474 | 2271 | 2276 | 2280 | rBV | 777511 | 896658 | 14.48% | 2.332% |

Sum of corrected areas: 38445376

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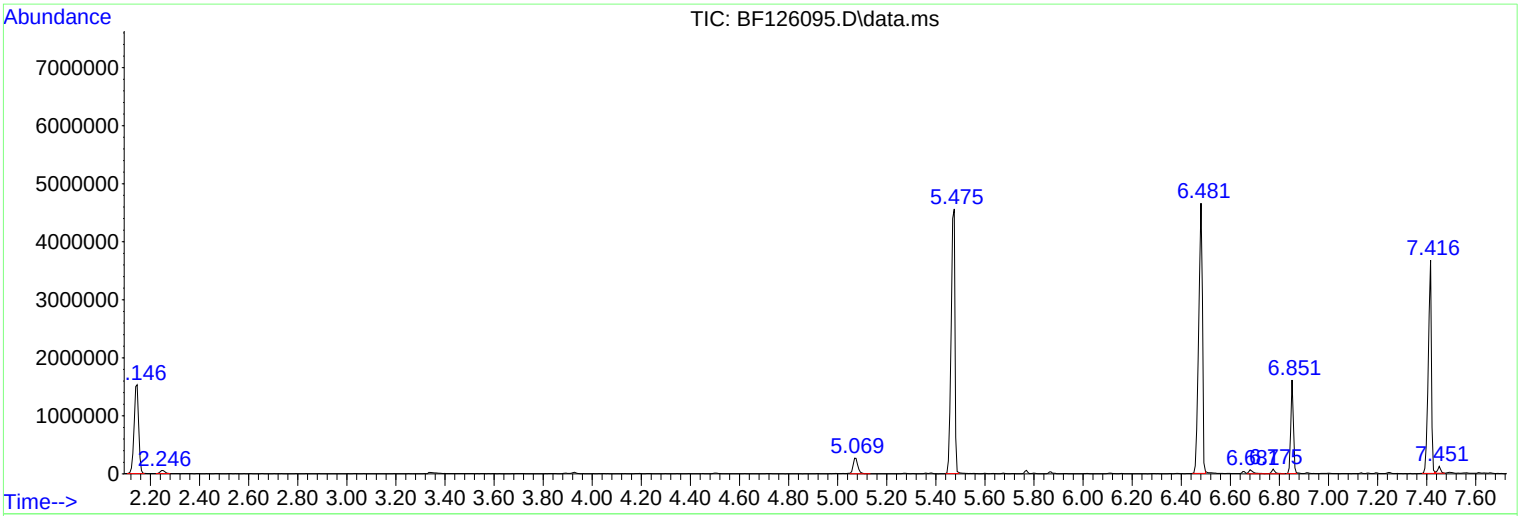
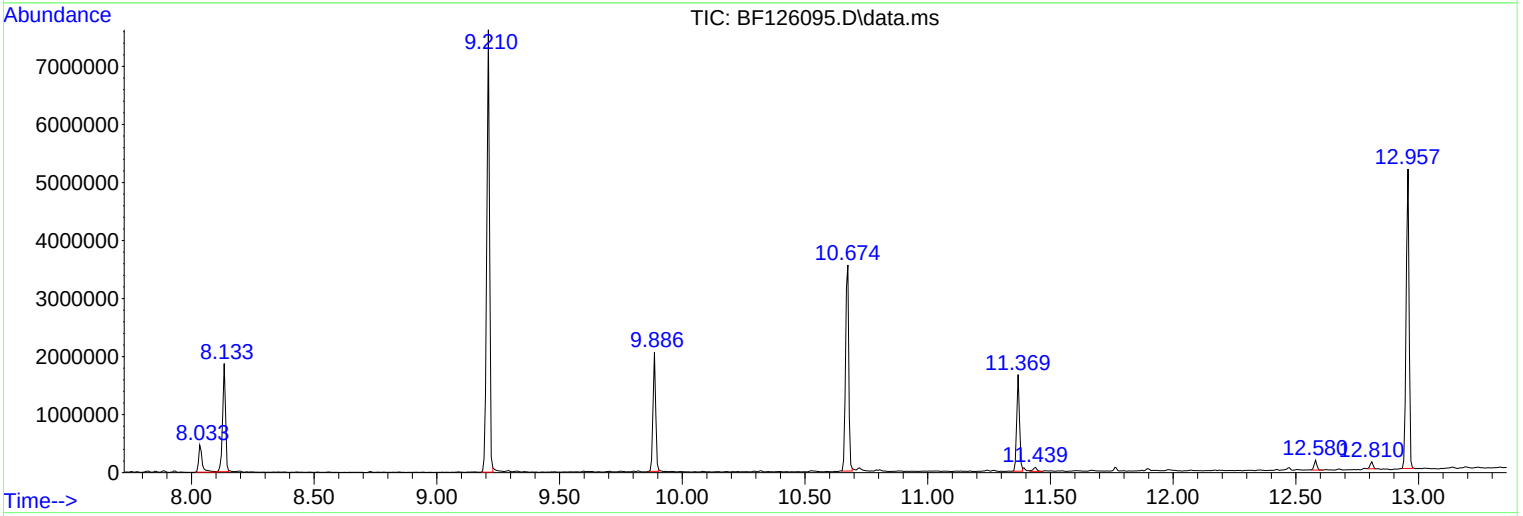
ALS Vial : 14 Sample Multiplier: 1

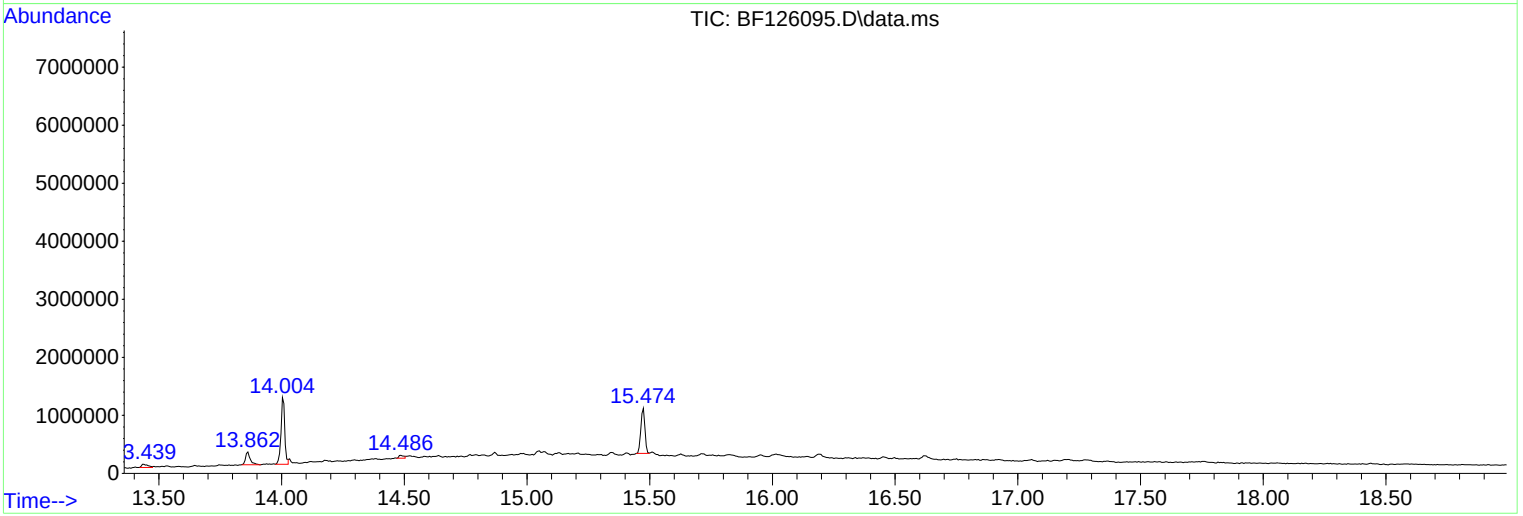
**Instrument :**
BNA_F
**ClientSampleId :**
VWE-B7-110621-10-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.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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Data File : BF126095.D
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**Instrument :**
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VWE-B7-110621-10-20

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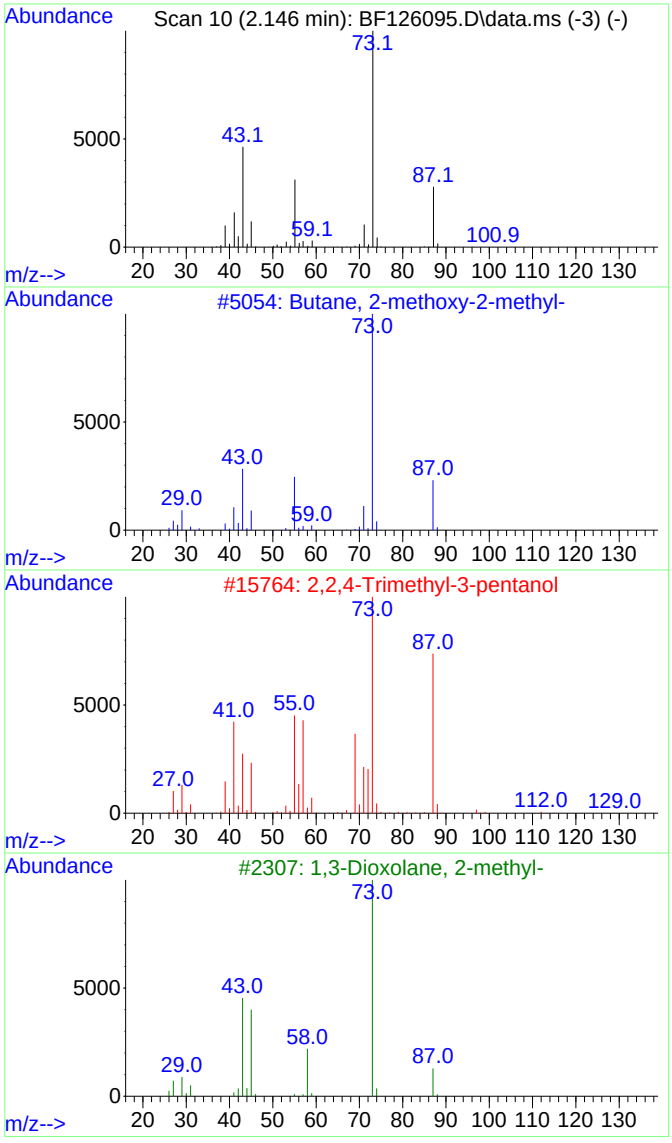
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

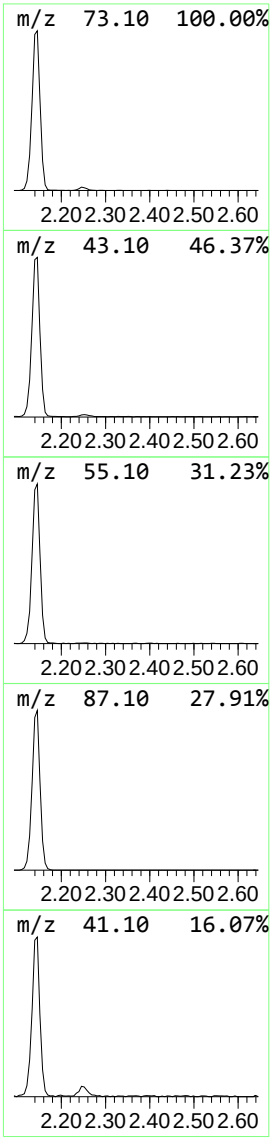
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.146 | 33.06 ng | 1968340 | 1,4-Dichlorobenzene-d4 | 6.851 |

| 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 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |



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Data File : BF126095.D
Acq On : 9 Nov 2021 22:36
Operator : JU/CG
Sample : M4583-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
VWE-B7-110621-10-20

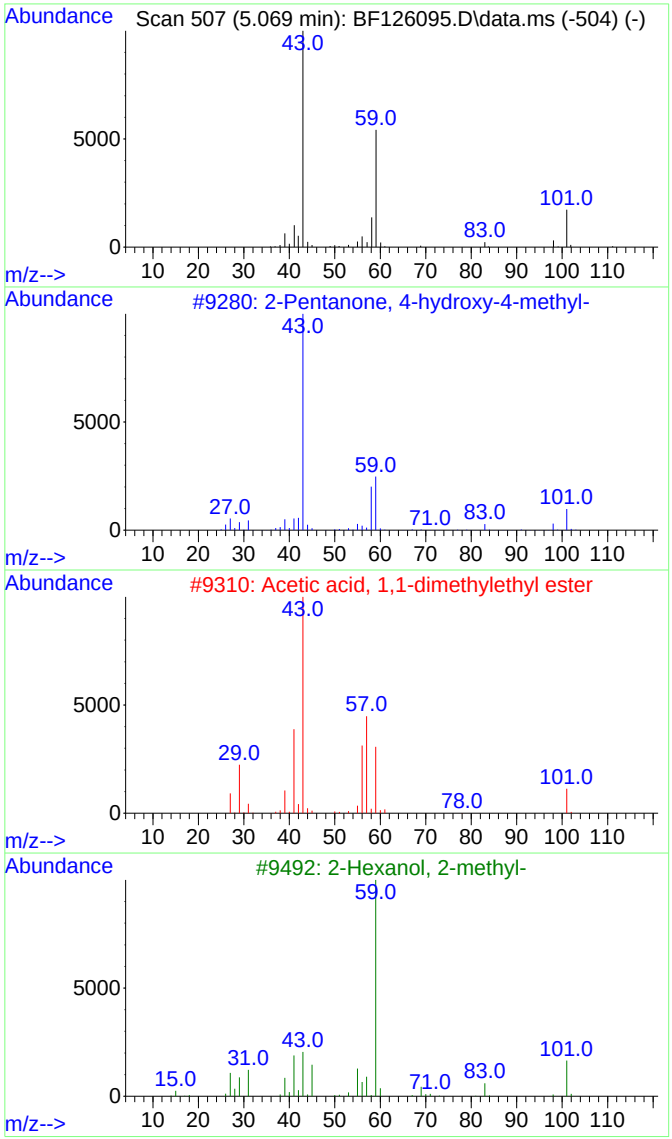
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

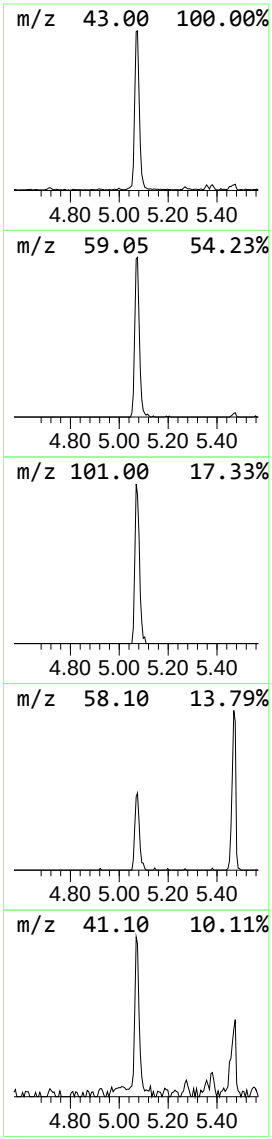
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.069 | 5.98 ng | 355760 | 1,4-Dichlorobenzene-d4 | 6.851 |

| 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 | 28 |
| 3 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |



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Sample : M4583-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
VWE-B7-110621-10-20

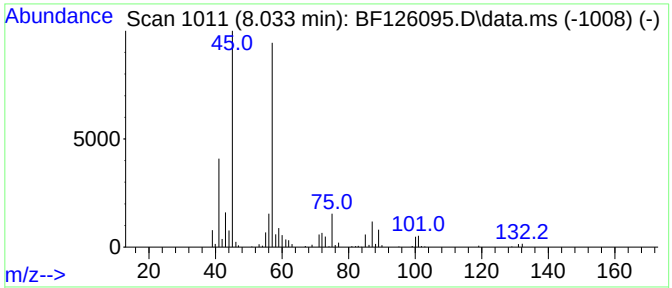
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

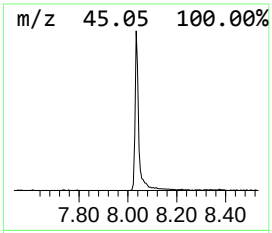
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

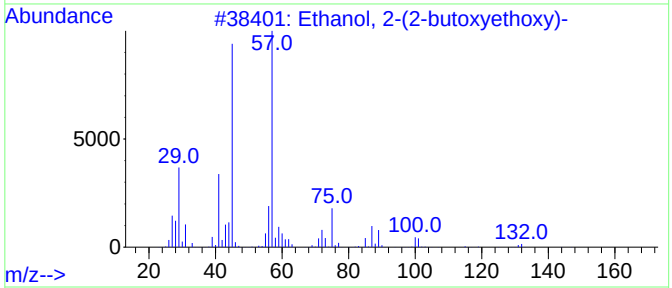
**********
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

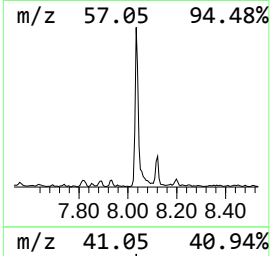
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.033 | 6.28 ng | 482143 | Naphthalene-d8 | 8.133 |

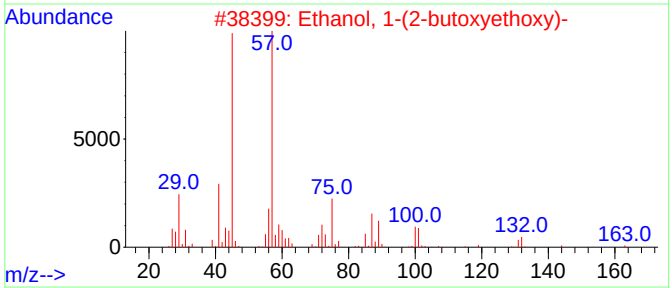
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 3 | Di-sec-Butyl ether | 130 | C8H18O | 006863-58-7 | 59 |
| 4 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 53 |
| 5 | Tetraethylene glycol | 194 | C8H18O5 | 000112-60-7 | 50 |

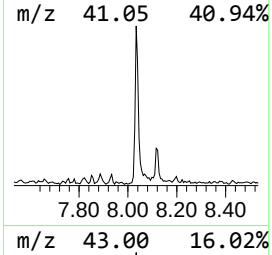


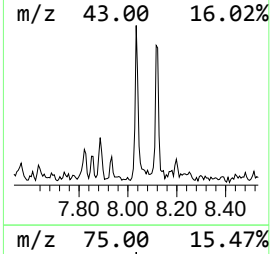



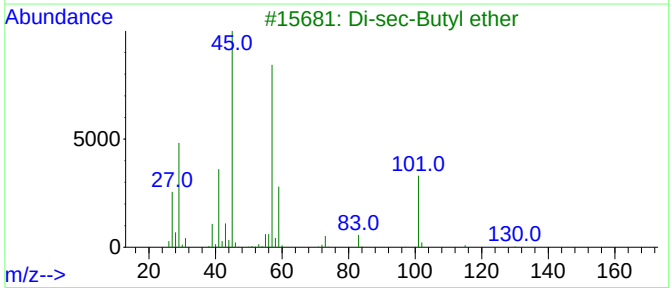



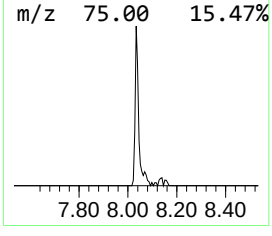



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

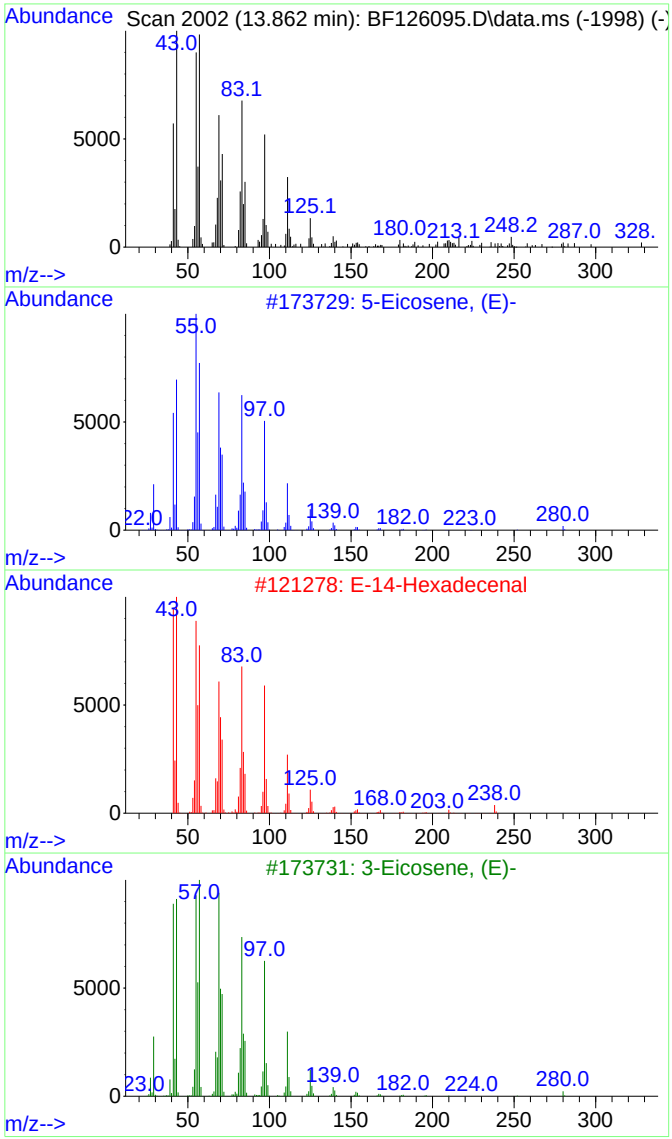
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

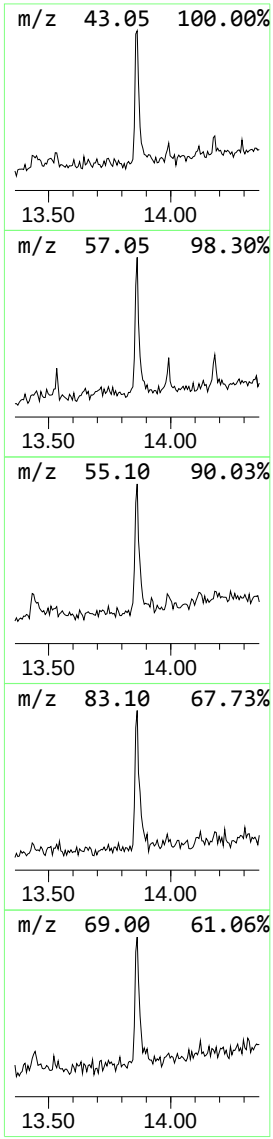
**********

Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.863 | 4.74 ng | 291643 | Chrysene-d12 | 14.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 95 |
| 2 | E-14-Hexadecenal | 238 | C16H30O | 330207-53-9 | 94 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 94 |
| 4 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 93 |
| 5 | 1-Eicosene | 280 | C20H40 | 003452-07-1 | 93 |



Tentatively Identified Compound (LSC) summary

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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 |
| Butane, 2-metho... | 2.146 | 33.1 | ng | 1968340 | 1 | 6.851 | 1190800 | 20.0 |
| 2-Pentanone, 4-... | 5.069 | 6.0 | ng | 355760 | 1 | 6.851 | 1190800 | 20.0 |
| Ethanol, 2-(2-b... | 8.033 | 6.3 | ng | 482143 | 2 | 8.133 | 1534820 | 20.0 |
| 5-Eicosene, (E)- | 13.863 | 4.7 | ng | 291643 | 5 | 14.004 | 1231300 | 20.0 |