LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

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_P\Methods\8270E-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008650.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.081 | 12 | 16 | 22 | rVB | 826345 | 972022 | 2.95% | 0.633% |
| 2 | 5.464 | 414 | 421 | 430 | rBV | 5411520 | 8176827 | 24.79% | 5.326% |
| 3 | 7.052 | 684 | 691 | 707 | rVB | 3332524 | 5412401 | 16.41% | 3.525% |
| 4 | 7.887 | 826 | 833 | 839 | rBV | 2244324 | 3605088 | 10.93% | 2.348% |
| 5 | 9.046 | 1018 | 1030 | 1043 | rBV | 6469666 | 11114305 | 33.69% | 7.239% |
| 6 | 9.987 | 1178 | 1190 | 1203 | rBV | 1002618 | 1703592 | 5.16% | 1.110% |
| 7 | 10.687 | 1300 | 1309 | 1316 | rBV | 2913137 | 4967133 | 15.06% | 3.235% |
| 8 | 12.893 | 1676 | 1684 | 1690 | rBV | 1940626 | 2877780 | 8.72% | 1.874% |
| 9 | 13.146 | 1719 | 1727 | 1737 | rBV | 18396132 | 29090169 | 88.19% | 18.948% |
| 10 | 14.181 | 1897 | 1903 | 1917 | rBV | 556077 | 992326 | 3.01% | 0.646% |
| 11 | 14.516 | 1953 | 1960 | 1968 | rBV | 4371210 | 6731499 | 20.41% | 4.384% |
| 12 | 15.334 | 2094 | 2099 | 2105 | rBV2 | 370376 | 606423 | 1.84% | 0.395% |
| 13 | 16.010 | 2206 | 2214 | 2235 | rBV | 12689340 | 18950736 | 57.45% | 12.343% |
| 14 | 17.269 | 2421 | 2428 | 2439 | rBV | 5068214 | 7543839 | 22.87% | 4.914% |
| 15 | 17.363 | 2439 | 2444 | 2459 | rVV | 343651 | 744686 | 2.26% | 0.485% |
| 16 | 18.157 | 2575 | 2579 | 2587 | rBV | 267521 | 411490 | 1.25% | 0.268% |
| 17 | 19.828 | 2857 | 2863 | 2868 | rBV | 25685786 | 32985843 | 100.00% | 21.485% |
| 18 | 21.063 | 3069 | 3073 | 3080 | rBV | 1035932 | 1293414 | 3.92% | 0.842% |
| 19 | 21.351 | 3117 | 3122 | 3127 | rBV | 5377459 | 7096114 | 21.51% | 4.622% |
| 20 | 21.469 | 3138 | 3142 | 3147 | rBV | 559714 | 811295 | 2.46% | 0.528% |
| 21 | 23.769 | 3526 | 3533 | 3543 | rVB2 | 3549700 | 7442731 | 22.56% | 4.848% |

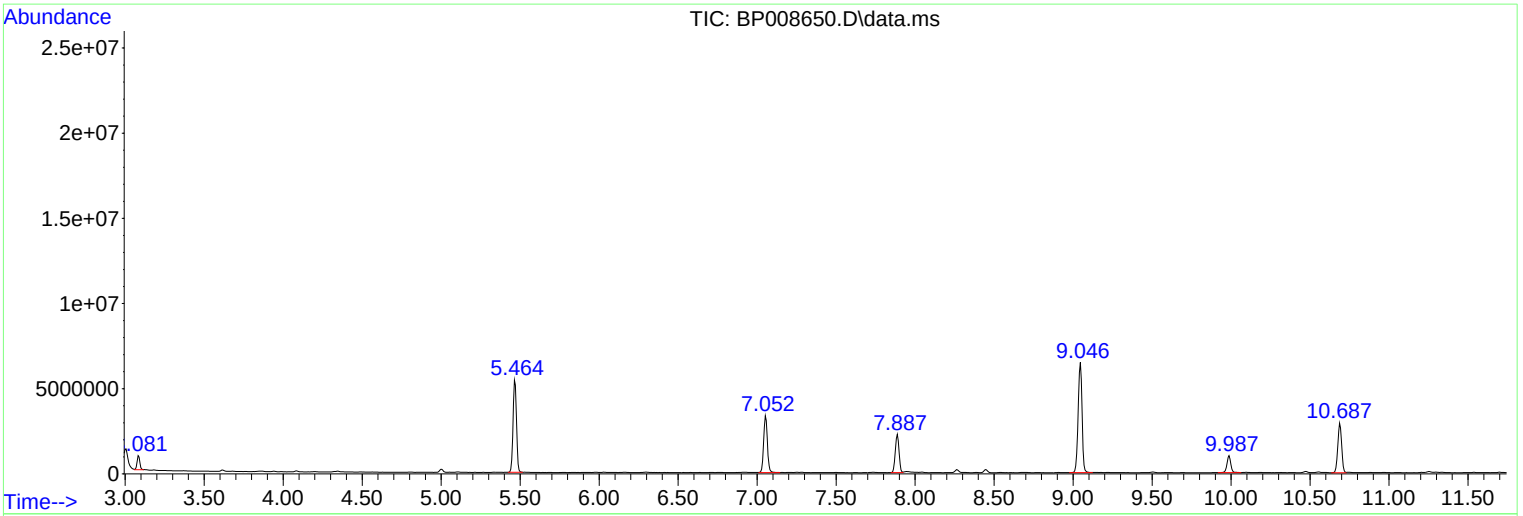
Sum of corrected areas: 153529713

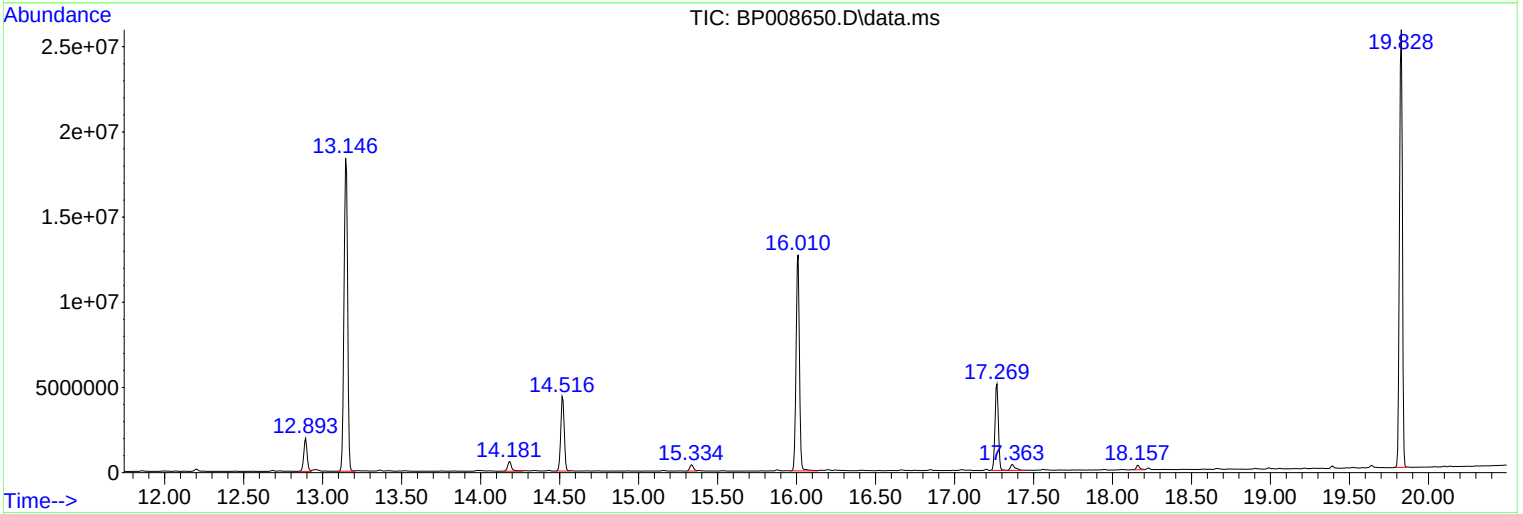
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

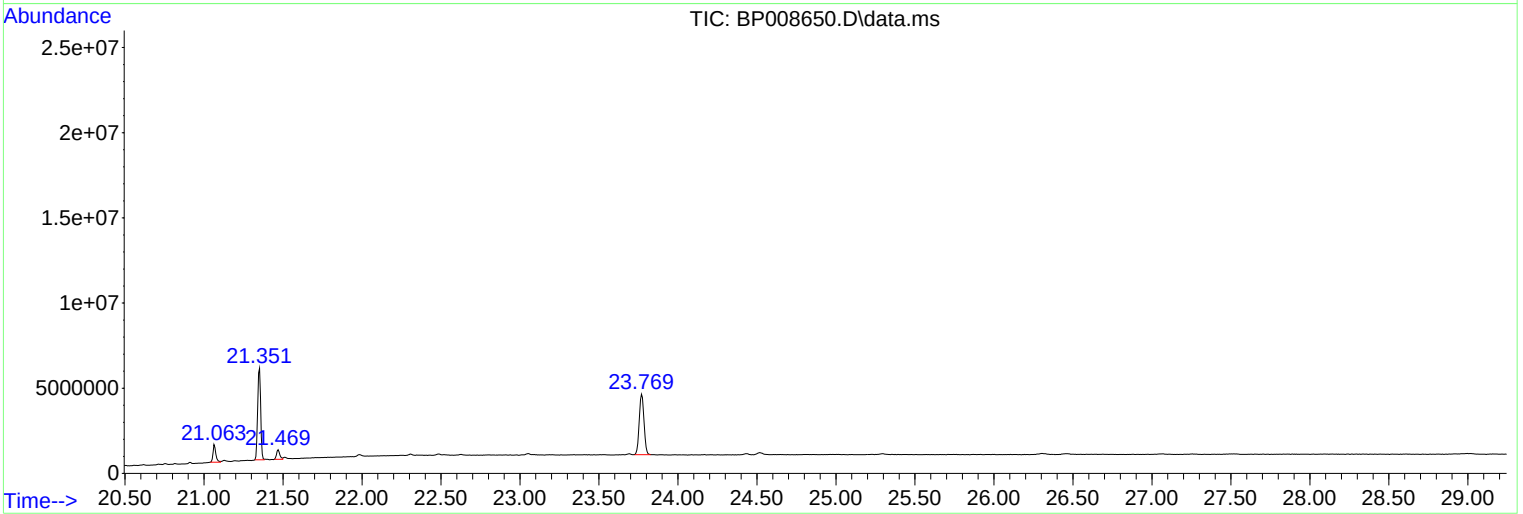
**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

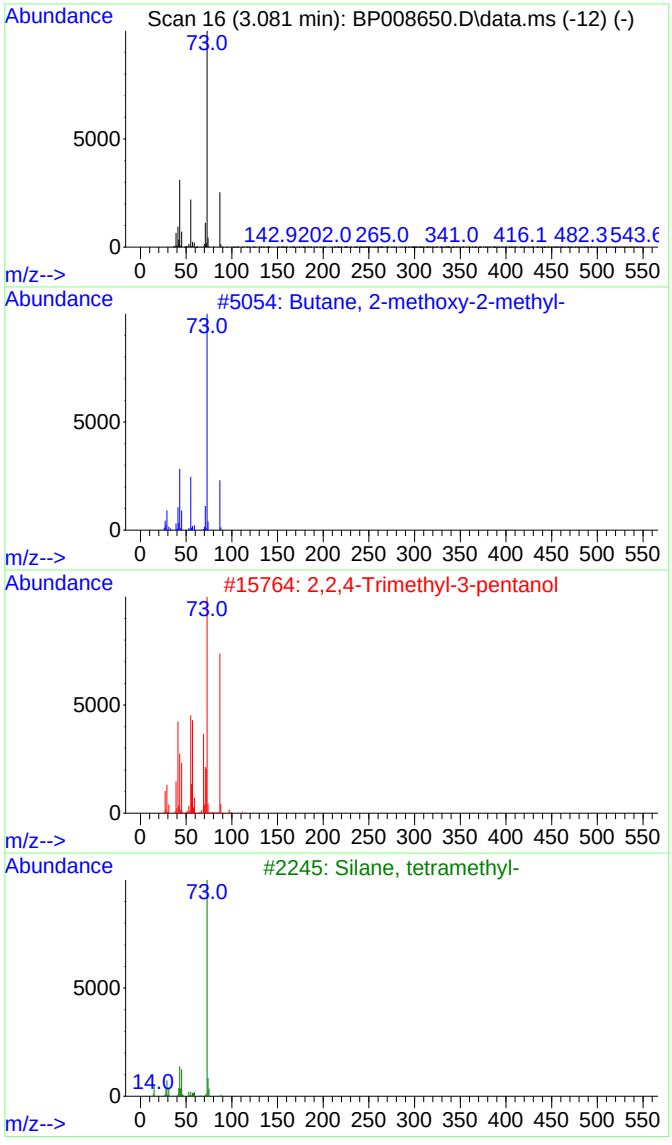
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

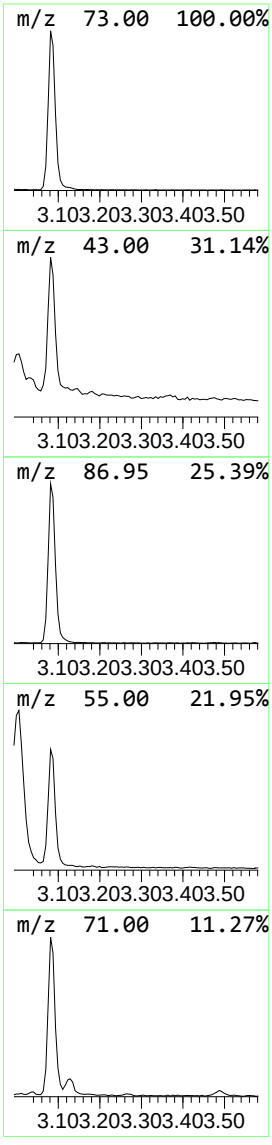
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.081 | 5.39 ng | 972022 | 1,4-Dichlorobenzene-d4 | 7.887 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |
| 4 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

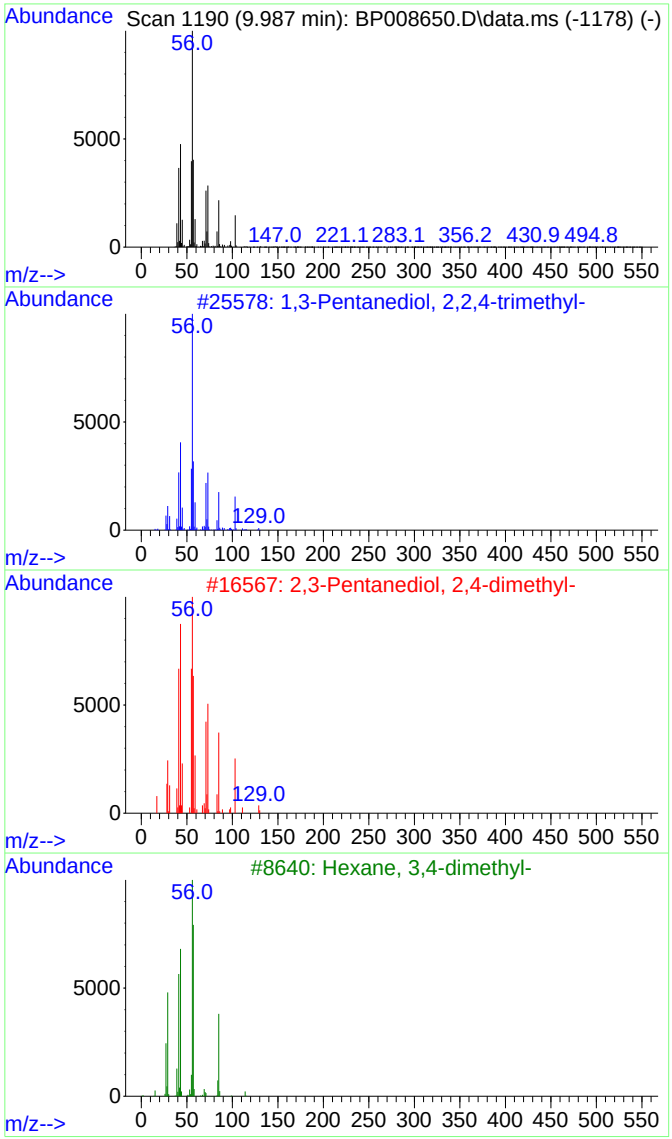
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

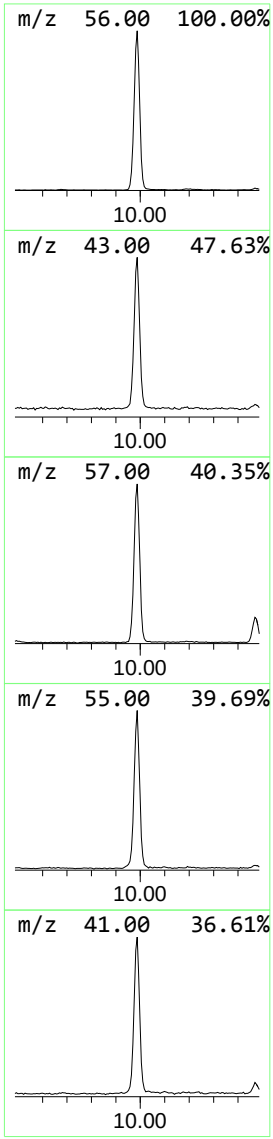
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.987 | 6.86 ng | 1703590 | Naphthalene-d8 | 10.687 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Pentanediol, 2,2,4-trimethyl- | 146 | C8H18O2 | 000144-19-4 | 91 |
| 2 | 2,3-Pentanediol, 2,4-dimethyl- | 132 | C7H16O2 | 066225-53-4 | 59 |
| 3 | Hexane, 3,4-dimethyl- | 114 | C8H18 | 000583-48-2 | 43 |
| 4 | 1,3-Hexanediol, 2-ethyl- | 146 | C8H18O2 | 000094-96-2 | 32 |
| 5 | 2,5-Dimethyl-5-hexen-3-ol | 128 | C8H16O | 067760-91-2 | 28 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

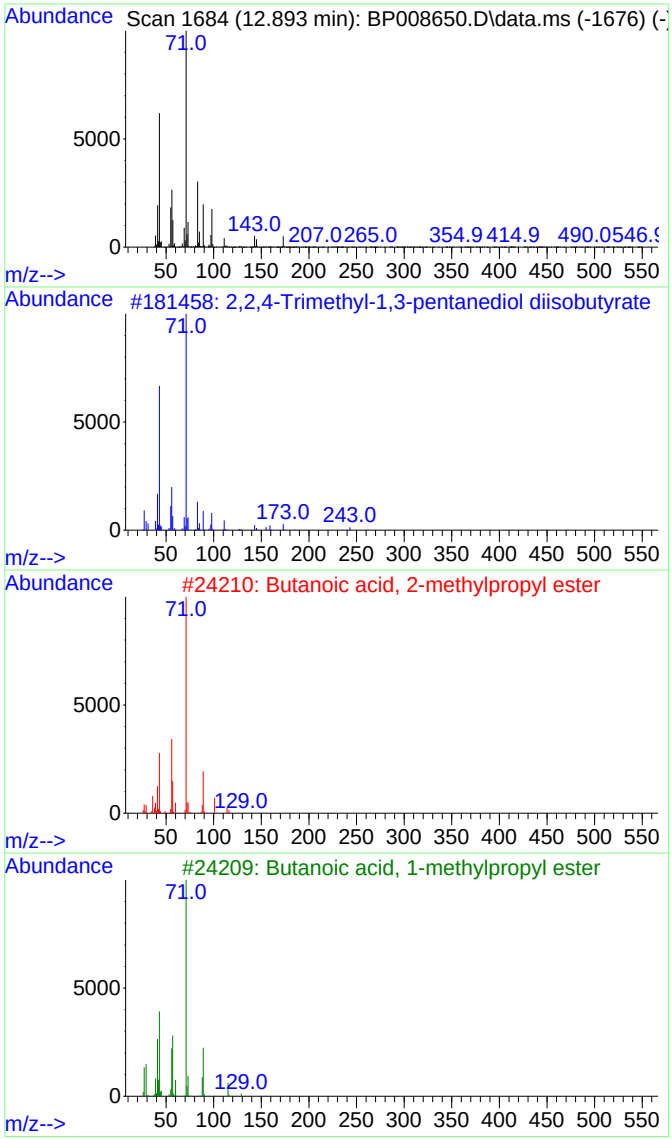
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

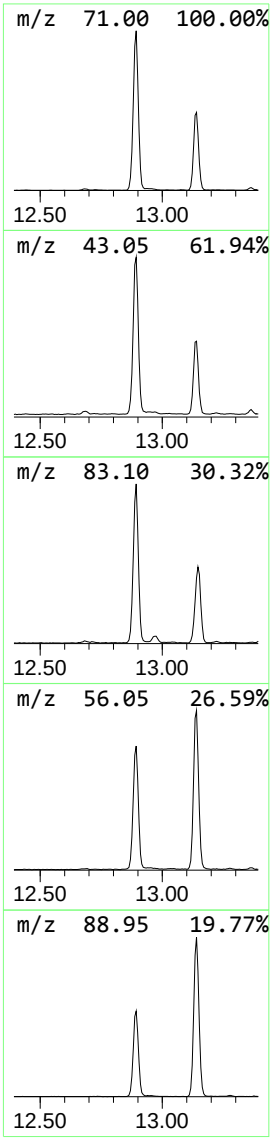
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.893 | 8.55 ng | 2877780 | Acenaphthene-d10 | 14.516 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4 | 006846-50-0 | 64 |
| 2 | Butanoic acid, 2-methylpropyl ester | 144 | C8H16O2 | 000539-90-2 | 42 |
| 3 | Butanoic acid, 1-methylpropyl ester | 144 | C8H16O2 | 000819-97-6 | 42 |
| 4 | Propanoic acid, 2-methyl-, 2-met... | 144 | C8H16O2 | 000097-85-8 | 40 |
| 5 | Sulfurous acid, decyl 2-pentyl e... | 292 | C15H32O3S | 1000309-15-9 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

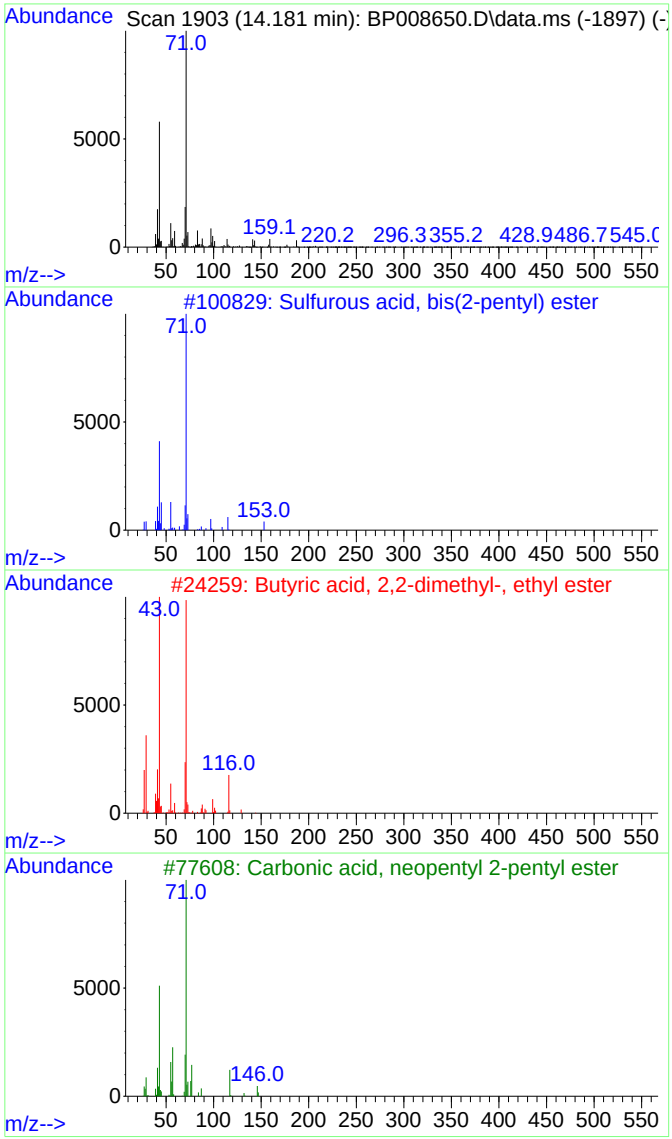
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

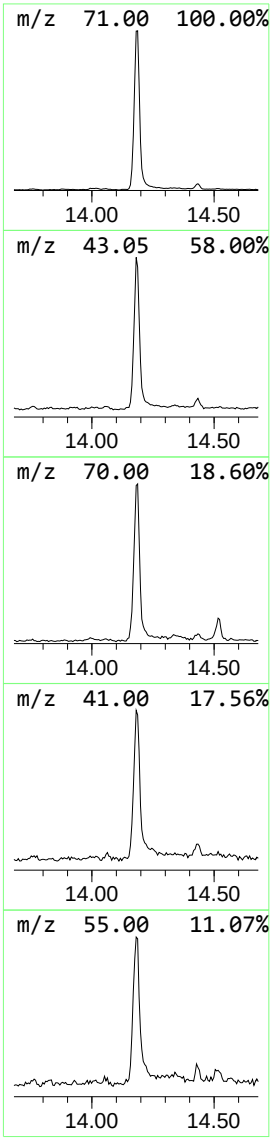
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Sulfurous acid, bis(2-penty... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.181 | 2.95 ng | 992326 | Acenaphthene-d10 | 14.516 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, bis(2-pentyl) ester | 222 | C10H22O3S | 1000309-15-3 | 64 |
| 2 | Butyric acid, 2,2-dimethyl-, eth... | 144 | C8H16O2 | 005129-40-8 | 64 |
| 3 | Carbonic acid, neopentyl 2-penty... | 202 | C11H22O3 | 1000357-85-4 | 59 |
| 4 | Borane, diethyl[1-ethyl-2-(metho... | 196 | C12H25BO | 053670-48-7 | 59 |
| 5 | 4-Hexen-3-ol, 2-methyl- | 114 | C7H14O | 004798-60-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

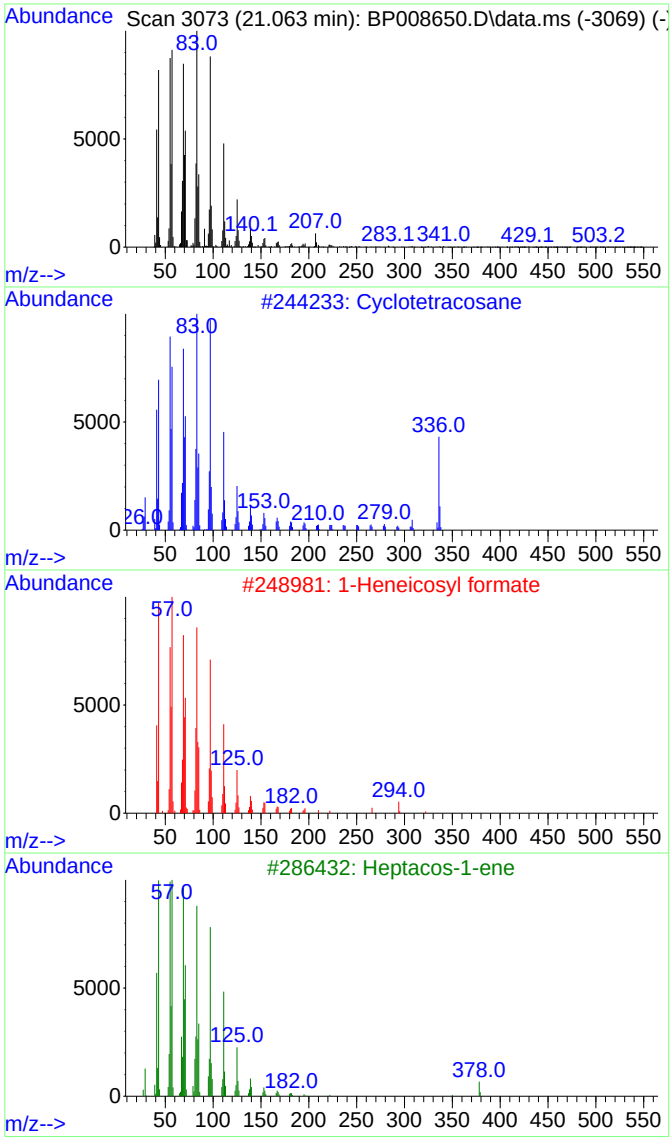
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

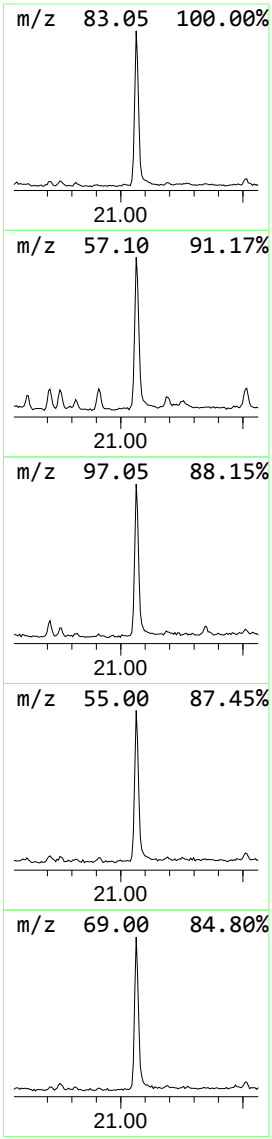
**********

Peak Number 5 Cyclotetracosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.063 | 3.65 ng | 1293410 | Chrysene-d12 | 21.351 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 97 |
| 2 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 96 |
| 3 | Heptacos-1-ene | 378 | C27H54 | 015306-27-1 | 94 |
| 4 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 5 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

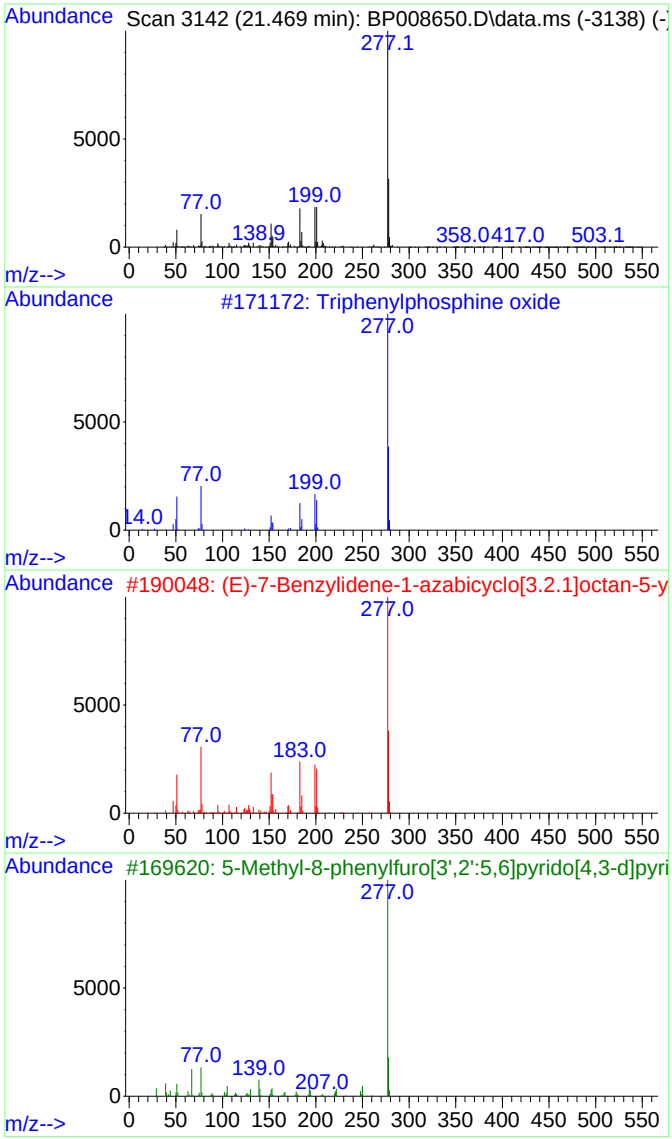
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

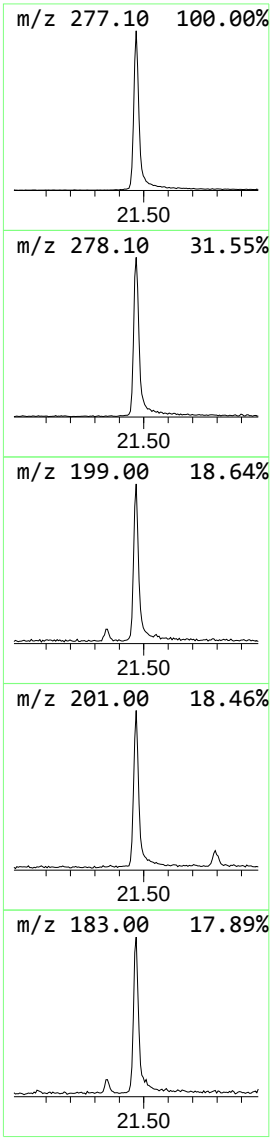
**********

Peak Number 6 Triphenylphosphine oxide Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.469 | 2.29 ng | 811295 | Chrysene-d12 | 21.351 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 94 |
| 2 | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19NO3S | 1000483-83-4 | 91 |
| 3 | 5-Methyl-8-phenylfuro[3',2':5,6]... | 277 | C16H11N3O2 | 1000460-07-9 | 28 |
| 4 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 28 |
| 5 | 2-Oxo-4-phenyl-6-(4-methoxypheny... | 278 | C17H14N2O2 | 024030-09-9 | 10 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008650.D
Acq On : 03 Jan 2022 22:11
Operator : CG/JU
Sample : M5251-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-6S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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 |
| Butane, 2-metho... | 3.081 | 5.4 | ng | 972022 | 1 | 7.887 | 3605090 | 20.0 |
| 1,3-Pentanediol... | 9.987 | 6.9 | ng | 1703590 | 2 | 10.687 | 4967130 | 20.0 |
| 2,2,4-Trimethyl... | 12.893 | 8.6 | ng | 2877780 | 3 | 14.516 | 6731500 | 20.0 |
| Sulfurous acid,... | 14.181 | 3.0 | ng | 992326 | 3 | 14.516 | 6731500 | 20.0 |
| Cyclotetracosane | 21.063 | 3.6 | ng | 1293410 | 5 | 21.351 | 7096110 | 20.0 |
| Triphenylphosph... | 21.469 | 2.3 | ng | 811295 | 5 | 21.351 | 7096110 | 20.0 |