LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008844.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.058 | 7 | 12 | 47 | rVB | 4220778 | 6363785 | 36.22% | 8.874% |
| 2 | 4.375 | 231 | 236 | 247 | rVB | 122729 | 190400 | 1.08% | 0.266% |
| 3 | 4.975 | 331 | 338 | 356 | rBV | 6919936 | 10742908 | 61.15% | 14.981% |
| 4 | 5.440 | 411 | 417 | 436 | rBV | 278684 | 744084 | 4.24% | 1.038% |
| 5 | 7.034 | 678 | 688 | 702 | rBV2 | 138648 | 457684 | 2.61% | 0.638% |
| 6 | 7.152 | 703 | 708 | 723 | rVB2 | 75316 | 187849 | 1.07% | 0.262% |
| 7 | 7.852 | 820 | 827 | 835 | rBV | 698497 | 1172806 | 6.68% | 1.635% |
| 8 | 9.004 | 1015 | 1023 | 1045 | rBV | 2158583 | 3885250 | 22.11% | 5.418% |
| 9 | 10.651 | 1292 | 1303 | 1318 | rBV | 848845 | 1557060 | 8.86% | 2.171% |
| 10 | 12.957 | 1687 | 1695 | 1714 | rBV2 | 75495 | 314397 | 1.79% | 0.438% |
| 11 | 13.110 | 1714 | 1721 | 1744 | rVV | 6898781 | 10615658 | 60.42% | 14.804% |
| 12 | 14.487 | 1944 | 1955 | 1979 | rBV | 1281554 | 2143481 | 12.20% | 2.989% |
| 13 | 15.986 | 2202 | 2210 | 2242 | rBV | 1973782 | 3927646 | 22.36% | 5.477% |
| 14 | 17.245 | 2417 | 2424 | 2438 | rBV | 1777111 | 2690925 | 15.32% | 3.753% |
| 15 | 19.804 | 2854 | 2859 | 2872 | rBV | 13586639 | 17568400 | 100.00% | 24.499% |
| 16 | 21.333 | 3114 | 3119 | 3127 | rBV | 2475549 | 3253338 | 18.52% | 4.537% |
| 17 | 21.451 | 3134 | 3139 | 3155 | rBV | 1493038 | 2503929 | 14.25% | 3.492% |
| 18 | 23.757 | 3524 | 3531 | 3543 | rVB2 | 1592473 | 3390377 | 19.30% | 4.728% |

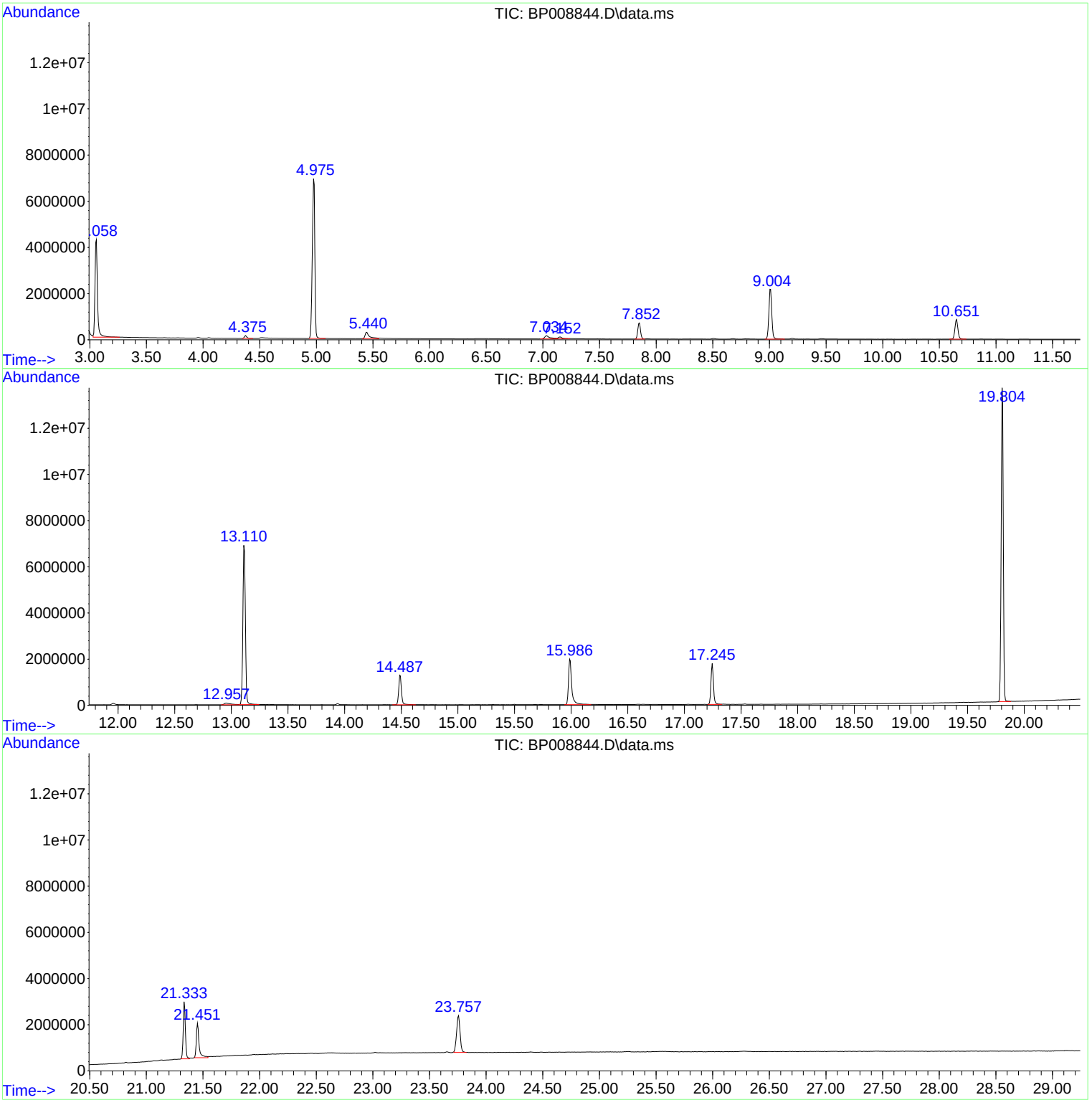
Sum of corrected areas: 71709977

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

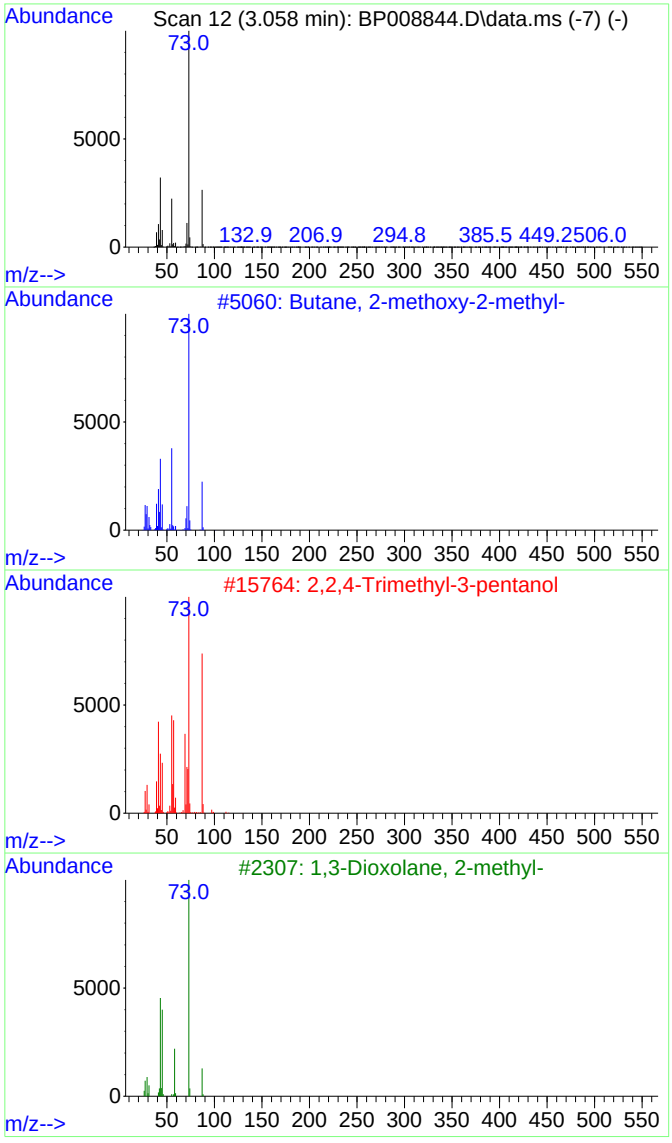
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

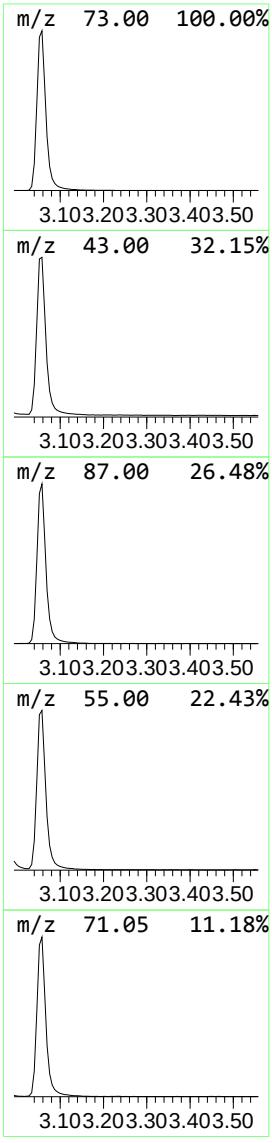
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.058 | 108.52 ng | 6363790 | 1,4-Dichlorobenzene-d4 | 7.852 |

| 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 | 39 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

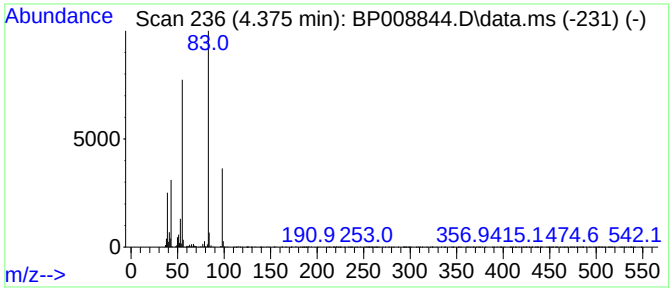
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

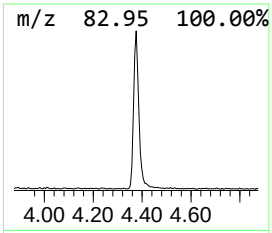
**********

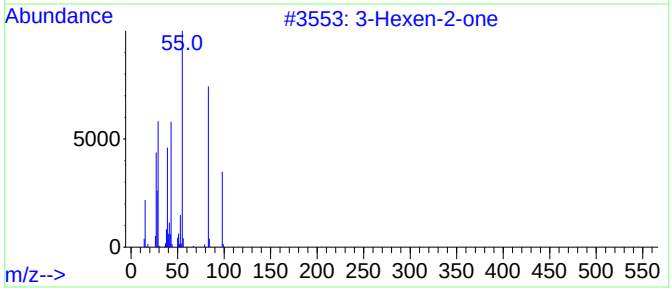
Peak Number 2 3-Hexen-2-one Concentration Rank 4

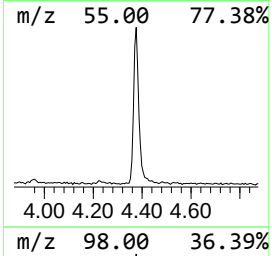
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.375 | 3.25 ng | 190400 | 1,4-Dichlorobenzene-d4 | 7.852 |

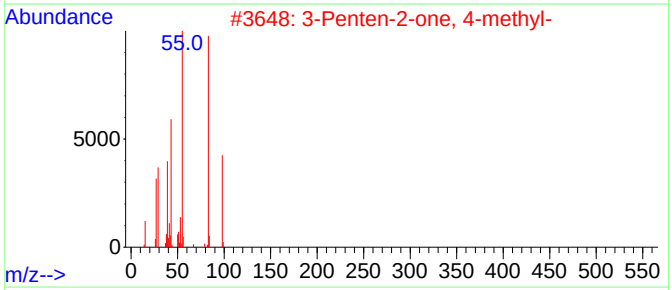
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 91 |
| 2 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 91 |
| 3 | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14 | 004914-91-4 | 86 |
| 4 | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14 | 004914-92-5 | 86 |
| 5 | 2-Pentene, 2,4-dimethyl- | 98 | C7H14 | 000625-65-0 | 86 |

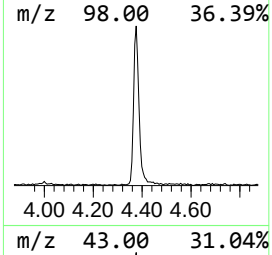


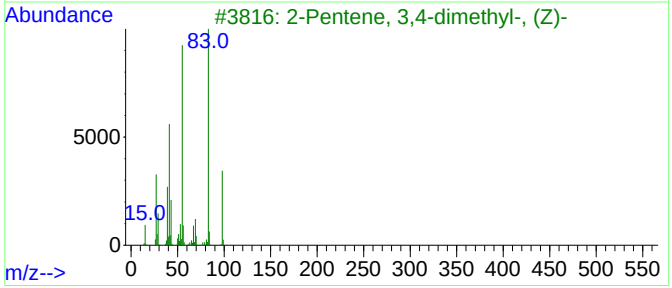



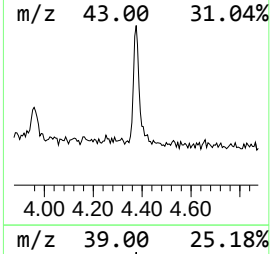



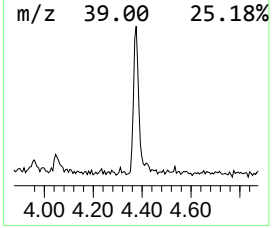



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

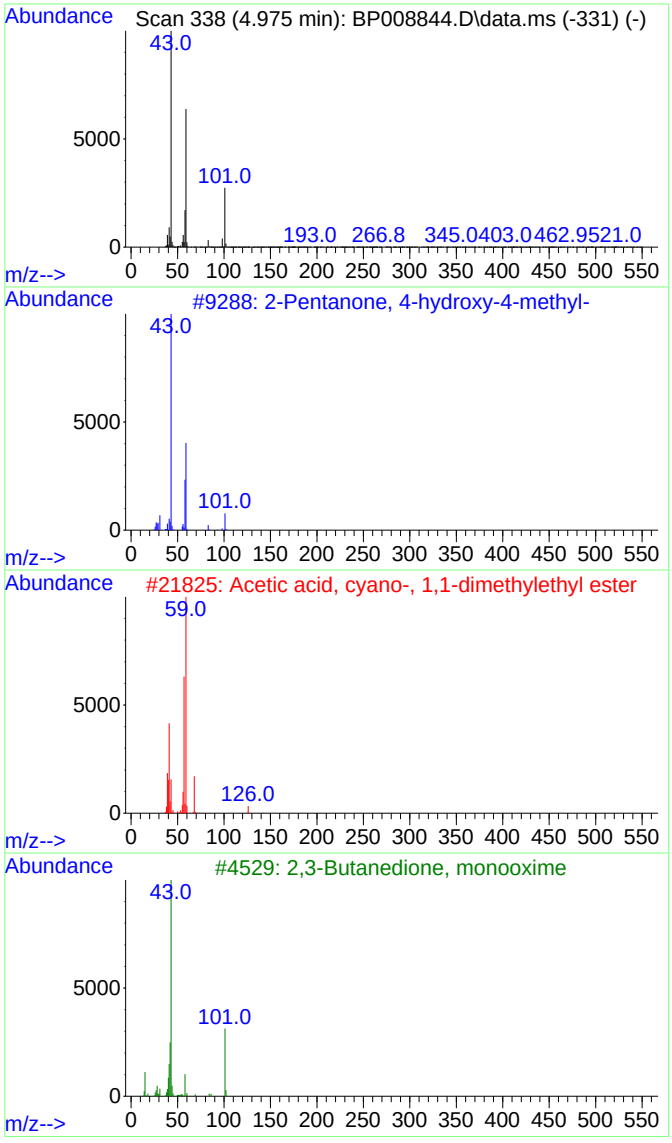
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

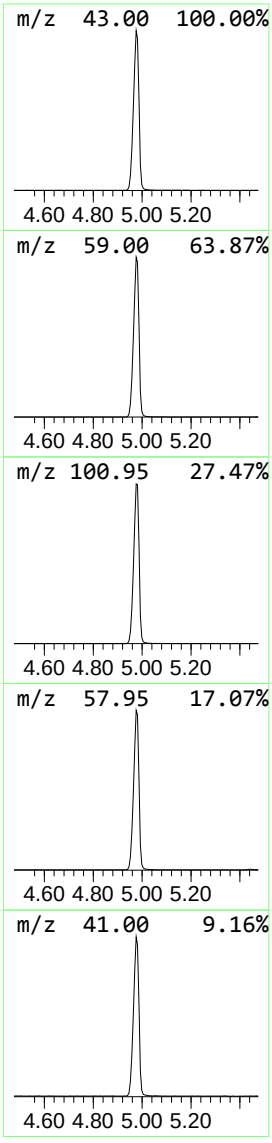
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.975 | 183.20 ng | 10742900 | 1,4-Dichlorobenzene-d4 | 7.852 |

| 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, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 17 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

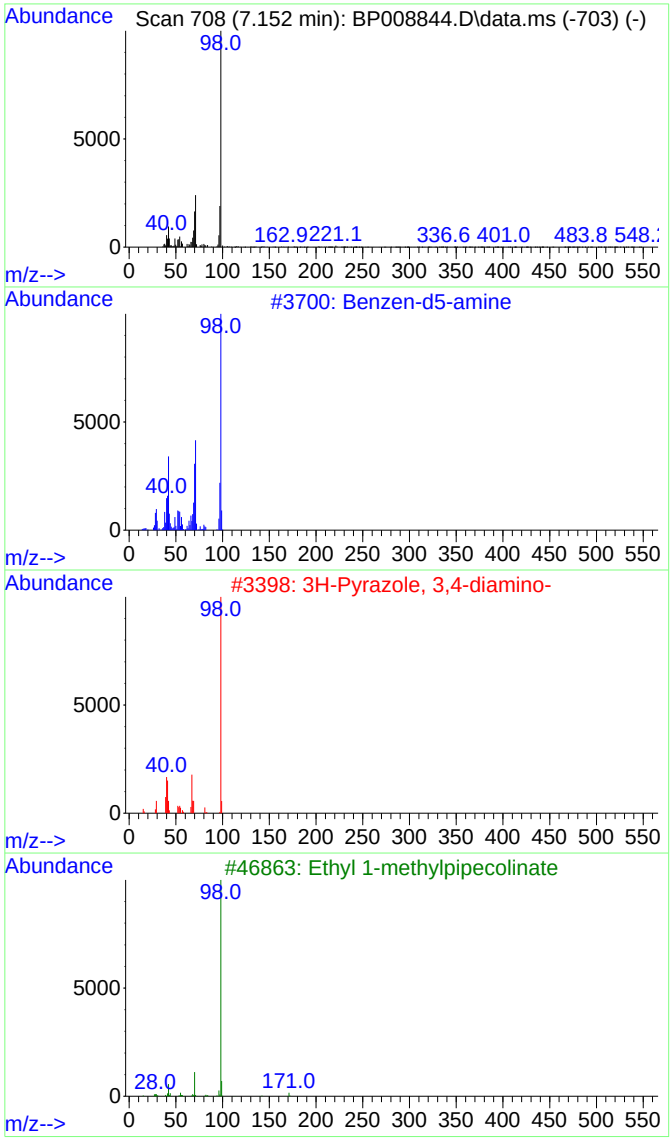
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

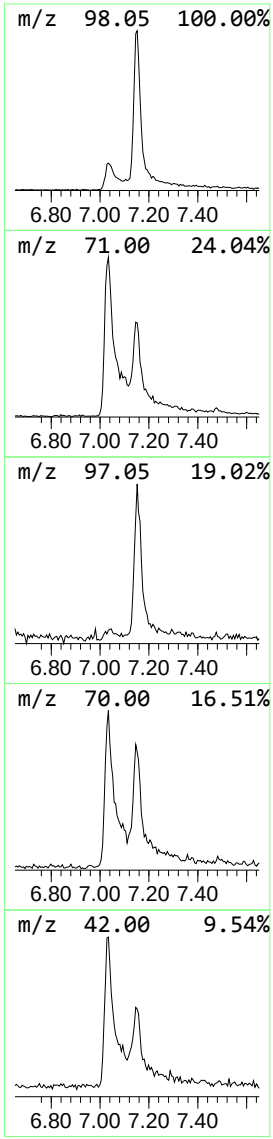
**********

Peak Number 4 Benzen-d5-amine Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.152 | 3.20 ng | 187849 | 1,4-Dichlorobenzene-d4 | 7.852 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzen-d5-amine | 98 | C6H2D5N | 004165-61-1 | 91 |
| 2 | 3H-Pyrazole, 3,4-diamino- | 98 | C3H6N4 | 1000288-40-0 | 43 |
| 3 | Ethyl 1-methylpipecolinate | 171 | C9H17NO2 | 030727-18-5 | 42 |
| 4 | 2,3-2H-4-Methyl-imidazole-2-one | 98 | C4H6N2O | 039799-77-4 | 40 |
| 5 | Cyclohexanone, 2-butyl- | 154 | C10H18O | 001126-18-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

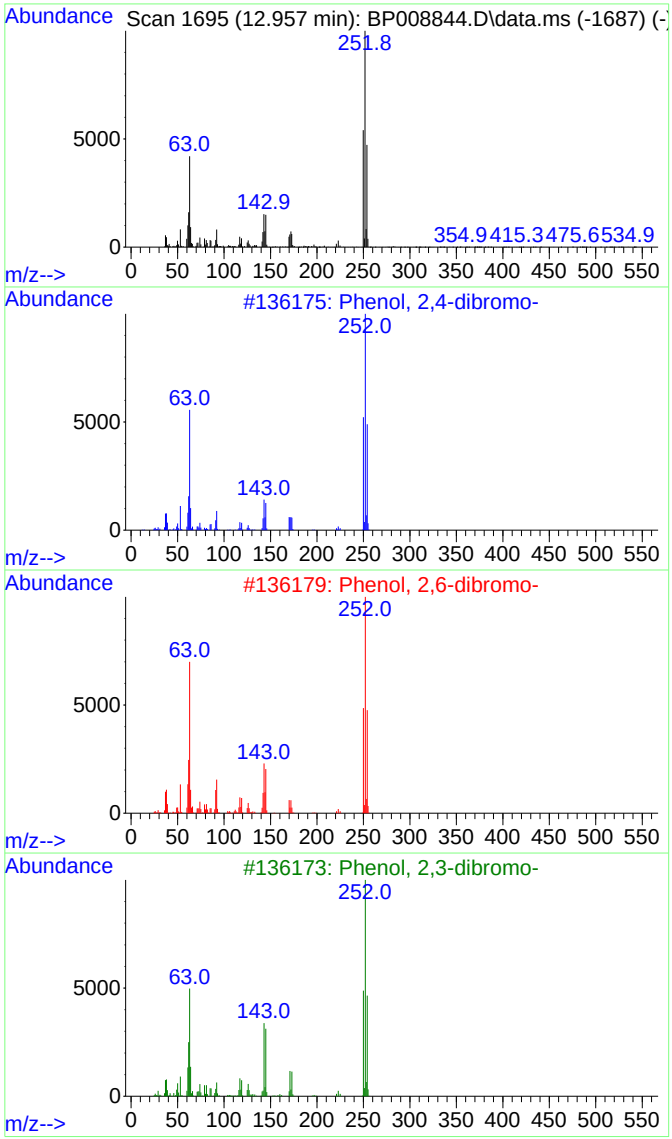
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

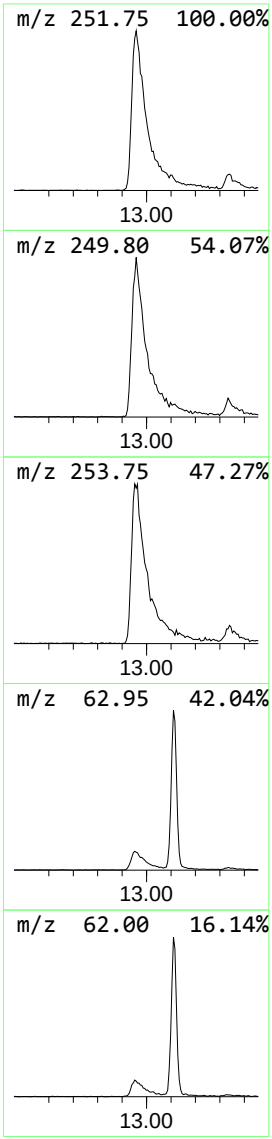
**********

Peak Number 5 Phenol, 2,4-dibromo- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.957 | 2.93 ng | 314397 | Acenaphthene-d10 | 14.486 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4-dibromo- | 250 | C6H4Br2O | 000615-58-7 | 99 |
| 2 | Phenol, 2,6-dibromo- | 250 | C6H4Br2O | 000608-33-3 | 99 |
| 3 | Phenol, 2,3-dibromo- | 250 | C6H4Br2O | 057383-80-9 | 97 |
| 4 | Phenol, 2,5-dibromo- | 250 | C6H4Br2O | 028165-52-8 | 95 |
| 5 | 3,4-Dibromophenol | 250 | C6H4Br2O | 1010487-11-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

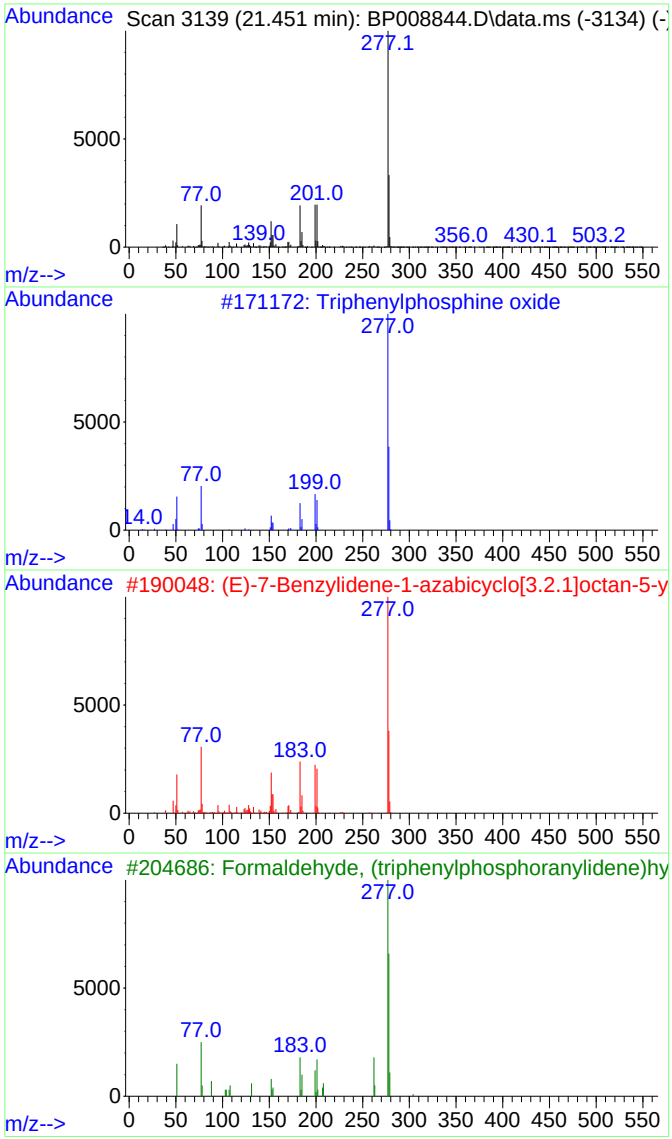
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

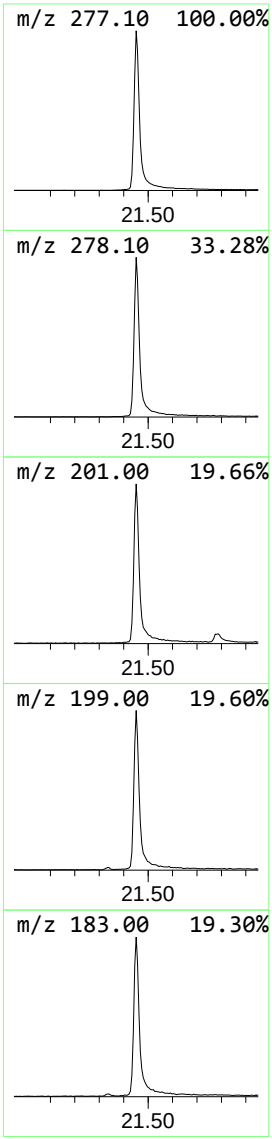
**********

Peak Number 6 Triphenylphosphine oxide Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.451 | 15.39 ng | 2503930 | Chrysene-d12 | 21.333 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 93 |
| 2 | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19NO3S | 1000483-83-4 | 91 |
| 3 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 39 |
| 4 | 3-(3,4-Dichlorophenyl)-2-thioxo-... | 277 | C9H5Cl2NOS2 | 017046-34-3 | 25 |
| 5 | 5-Methyl-8-phenylfuro[3',2':5,6]... | 277 | C16H11N3O2 | 1000460-07-9 | 25 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008844.D
Acq On : 18 Jan 2022 17:44
Operator : CG/JU
Sample : N1154-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220010-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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... | 3.058 | 108.5 | ng | 6363790 | 1 | 7.852 | 1172810 | 20.0 |
| 3-Hexen-2-one | 4.375 | 3.3 | ng | 190400 | 1 | 7.852 | 1172810 | 20.0 |
| 2-Pentanone, 4-... | 4.975 | 183.2 | ng | 10742900 | 1 | 7.852 | 1172810 | 20.0 |
| Benzen-d5-amine | 7.152 | 3.2 | ng | 187849 | 1 | 7.852 | 1172810 | 20.0 |
| Phenol, 2,4-dib... | 12.957 | 2.9 | ng | 314397 | 3 | 14.486 | 2143480 | 20.0 |
| Triphenylphosph... | 21.451 | 15.4 | ng | 2503930 | 5 | 21.333 | 3253340 | 20.0 |