LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005822.D
Acq On : 09 Jun 2021 22:35
Operator : CG/JU
Sample : M2612-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 18-B12(30-34)

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005822.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.123 | 4 | 6 | 16 | rVB | 49576 | 70741 | 1.40% | 0.325% |
| 2 | 5.052 | 328 | 334 | 342 | rBV2 | 63477 | 101508 | 2.01% | 0.466% |
| 3 | 5.516 | 406 | 413 | 429 | rBV | 1497801 | 2158533 | 42.77% | 9.905% |
| 4 | 7.116 | 677 | 685 | 701 | rBV | 1308601 | 2086289 | 41.34% | 9.573% |
| 5 | 7.952 | 820 | 827 | 836 | rBV | 256430 | 399442 | 7.91% | 1.833% |
| 6 | 9.116 | 1016 | 1025 | 1037 | rBV | 773597 | 1288083 | 25.52% | 5.911% |
| 7 | 10.757 | 1297 | 1304 | 1314 | rBV | 287897 | 497577 | 9.86% | 2.283% |
| 8 | 13.034 | 1683 | 1691 | 1713 | rBV | 82212 | 278047 | 5.51% | 1.276% |
| 9 | 13.210 | 1713 | 1721 | 1733 | rVB | 1948084 | 2996048 | 59.36% | 13.748% |
| 10 | 14.034 | 1846 | 1861 | 1874 | rBV | 288042 | 441514 | 8.75% | 2.026% |
| 11 | 14.575 | 1945 | 1953 | 1962 | rBV | 438794 | 656067 | 13.00% | 3.011% |
| 12 | 16.063 | 2199 | 2206 | 2228 | rBV | 1345573 | 2072800 | 41.07% | 9.512% |
| 13 | 17.322 | 2413 | 2420 | 2430 | rBV | 560374 | 813838 | 16.12% | 3.734% |
| 14 | 19.869 | 2847 | 2853 | 2861 | rBV | 3883978 | 5047150 | 100.00% | 23.160% |
| 15 | 21.092 | 3057 | 3061 | 3071 | rBV | 328676 | 500764 | 9.92% | 2.298% |
| 16 | 21.386 | 3106 | 3111 | 3122 | rBV | 877216 | 1107495 | 21.94% | 5.082% |
| 17 | 23.810 | 3516 | 3523 | 3533 | rBV2 | 587176 | 1276540 | 25.29% | 5.858% |

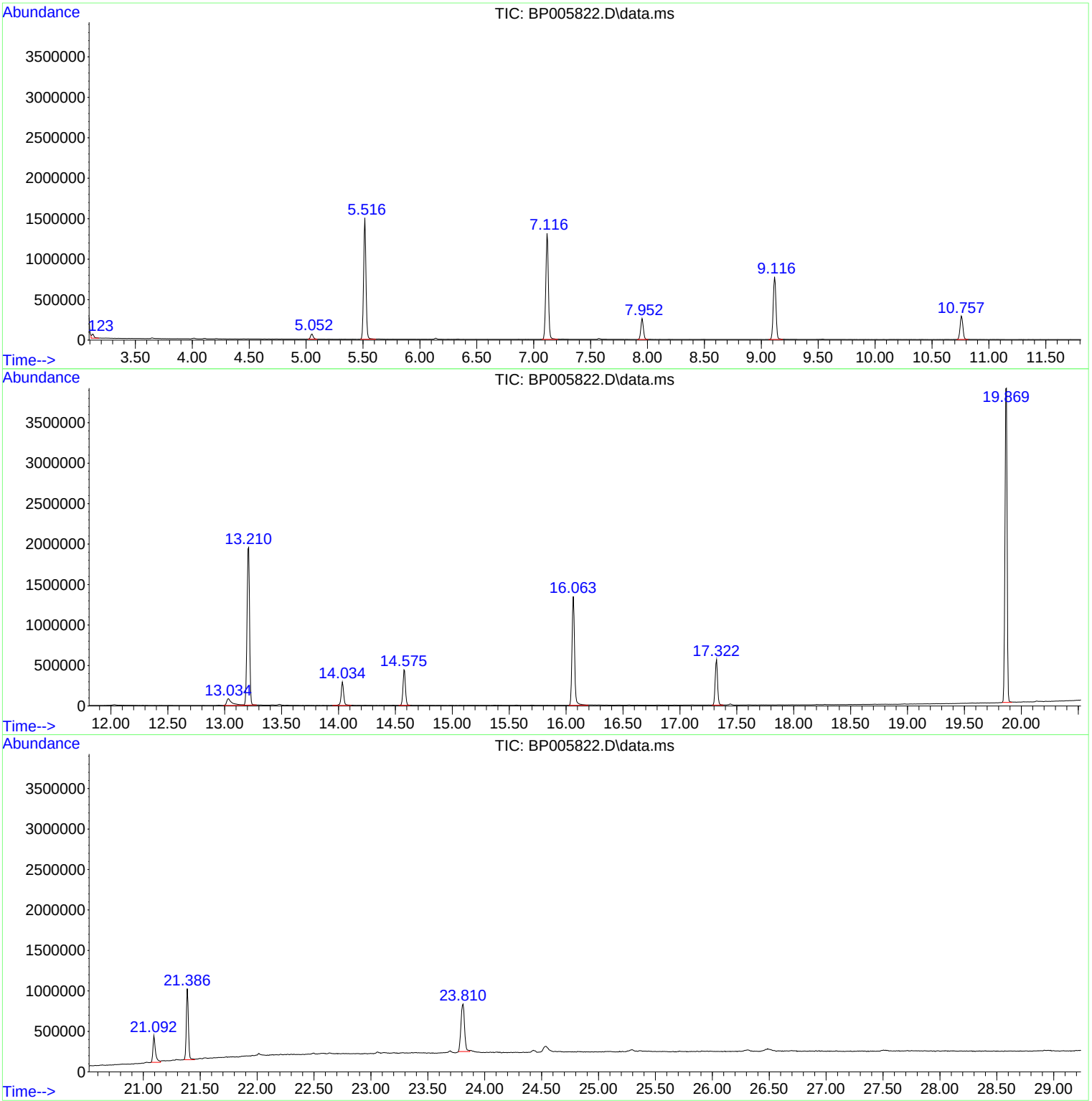
Sum of corrected areas: 21792436

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005822.D
Acq On : 09 Jun 2021 22:35
Operator : CG/JU
Sample : M2612-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(30-34)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005822.D
Acq On : 09 Jun 2021 22:35
Operator : CG/JU
Sample : M2612-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(30-34)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

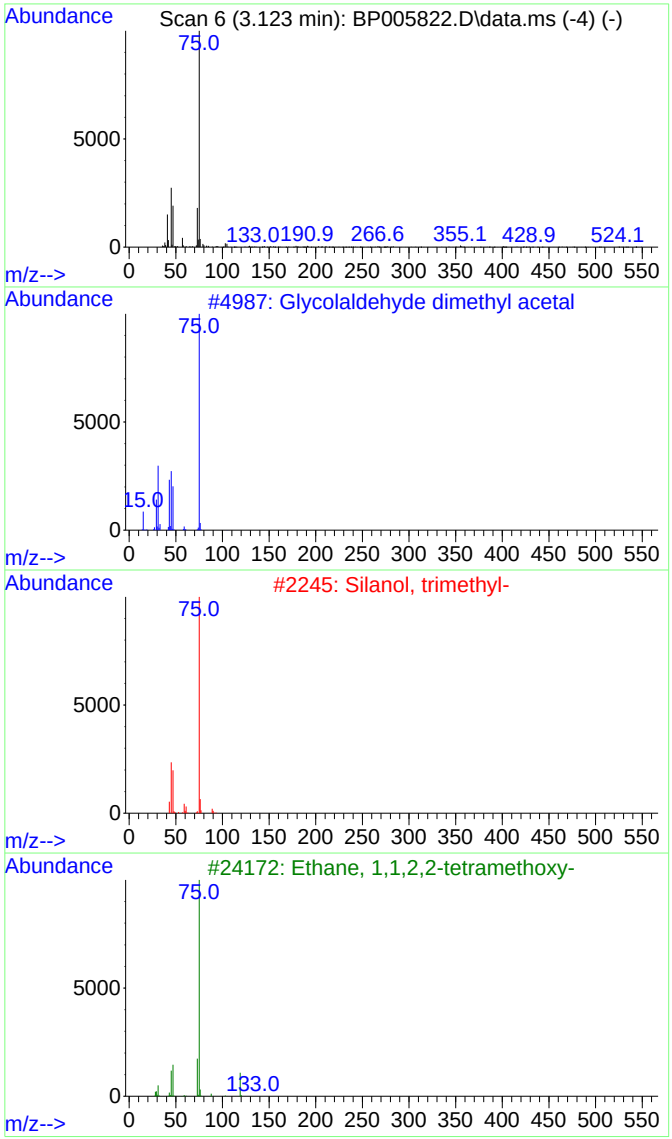
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

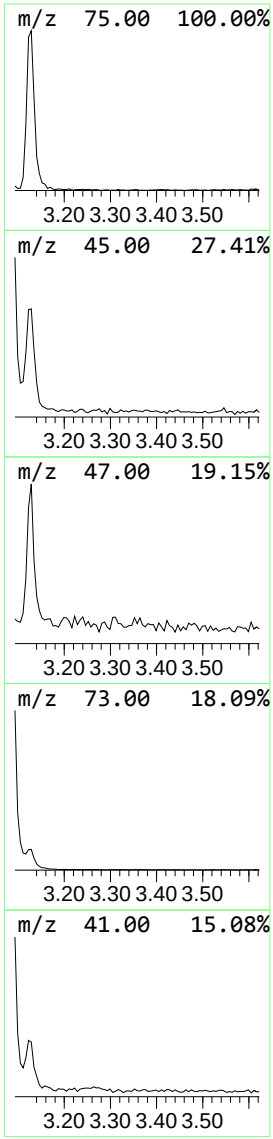
**********

Peak Number 1 unknown3.123 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.123 | 3.54 ng | 70741 | 1,4-Dichlorobenzene-d4 | 7.952 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Glycolaldehyde dimethyl acetal | 106 | C4H10O3 | 030934-97-5 | 40 |
| 2 | Silanol, trimethyl- | 90 | C3H10OSi | 001066-40-6 | 39 |
| 3 | Ethane, 1,1,2,2-tetramethoxy- | 150 | C6H14O4 | 002517-44-4 | 9 |
| 4 | Propane, 1,1-dimethoxy- | 104 | C5H12O2 | 004744-10-9 | 9 |
| 5 | Acetic acid, dimethoxy-, methyl ... | 134 | C5H10O4 | 000089-91-8 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005822.D
Acq On : 09 Jun 2021 22:35
Operator : CG/JU
Sample : M2612-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(30-34)

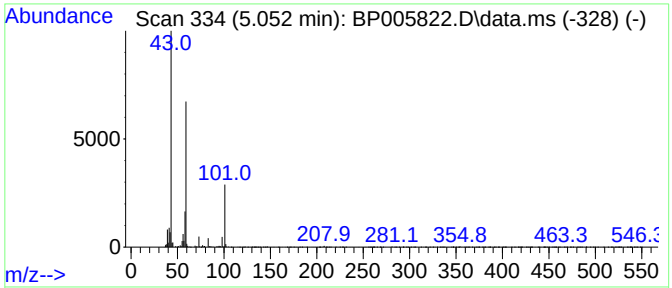
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

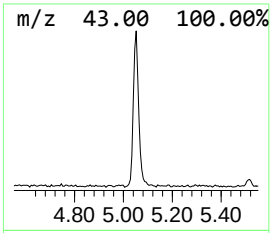
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

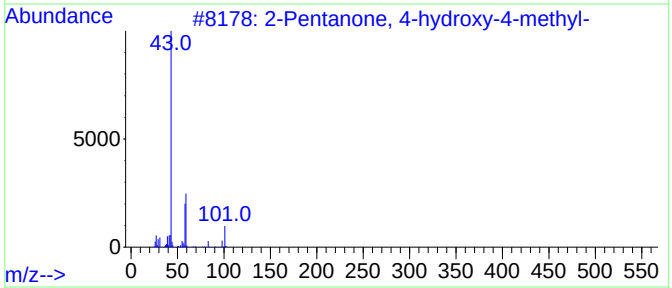
**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

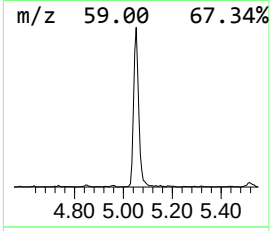
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.052 | 5.08 ng | 101508 | 1,4-Dichlorobenzene-d4 | 7.952 |

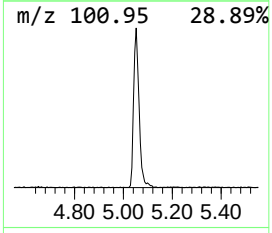
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53 |
| 2 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 40 |
| 3 | Guanidine | 59 | CH5N3 | 000113-00-8 | 9 |
| 4 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |

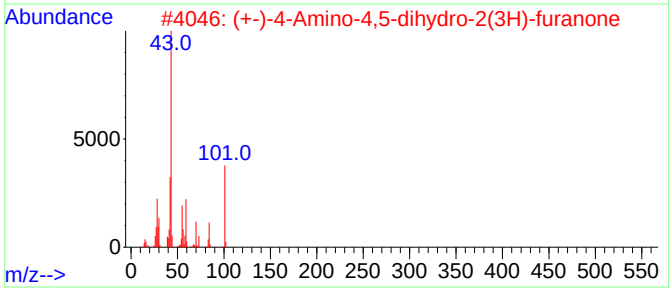


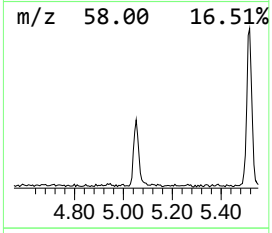



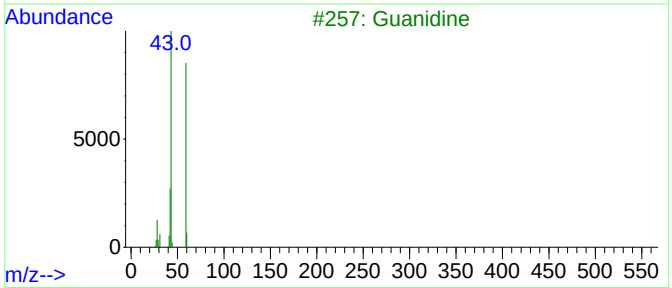



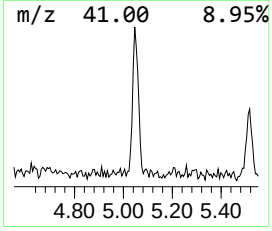



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005822.D
Acq On : 09 Jun 2021 22:35
Operator : CG/JU
Sample : M2612-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(30-34)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

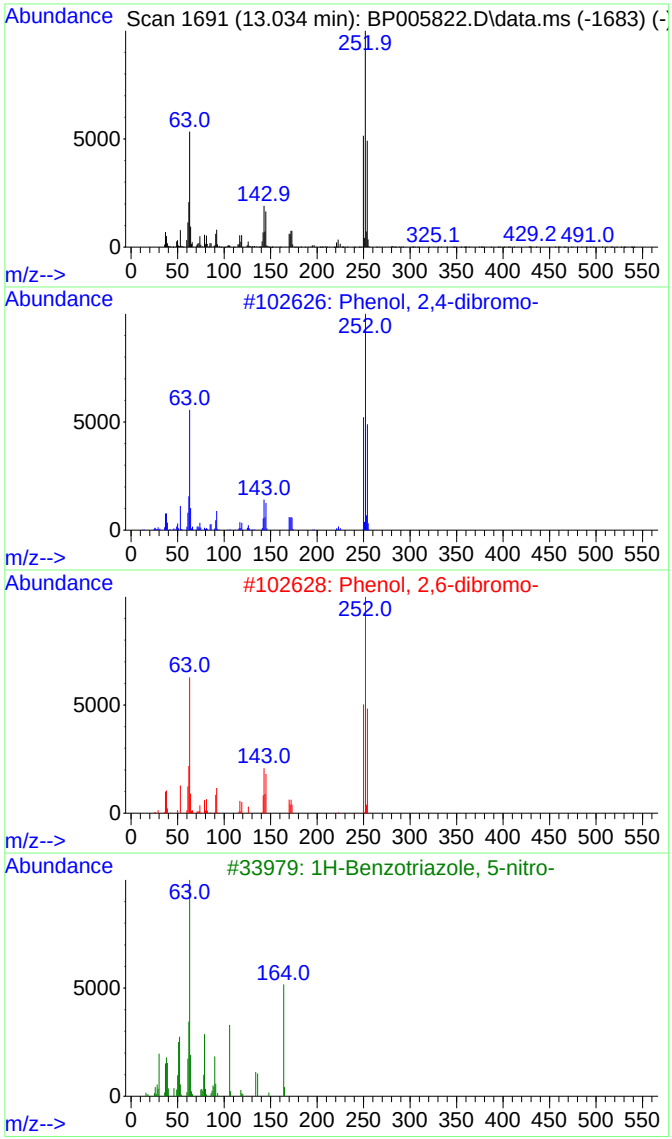
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

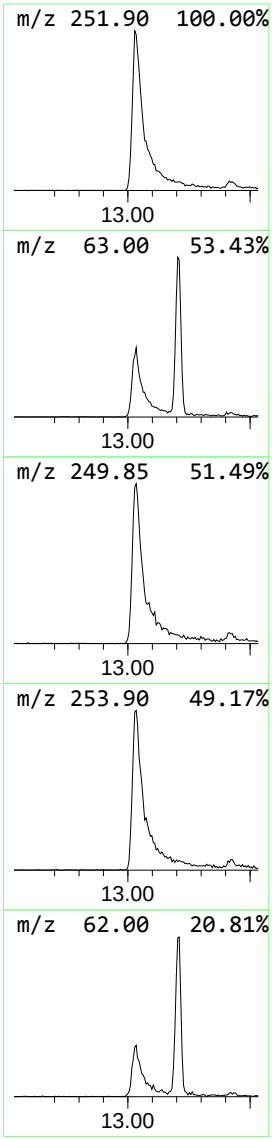
**********

Peak Number 3 Phenol, 2,4-dibromo- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.034 | 8.48 ng | 278047 | Acenaphthene-d10 | 14.575 |

| 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 | 1H-Benzotriazole, 5-nitro- | 164 | C6H4N4O2 | 002338-12-7 | 32 |
| 4 | 2-Pyridinamine, 3,5-dibromo- | 250 | C5H4Br2N2 | 035486-42-1 | 30 |
| 5 | Phenol, 2,4-dibromo-, acetate | 292 | C8H6Br2O2 | 036914-79-1 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005822.D
Acq On : 09 Jun 2021 22:35
Operator : CG/JU
Sample : M2612-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(30-34)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

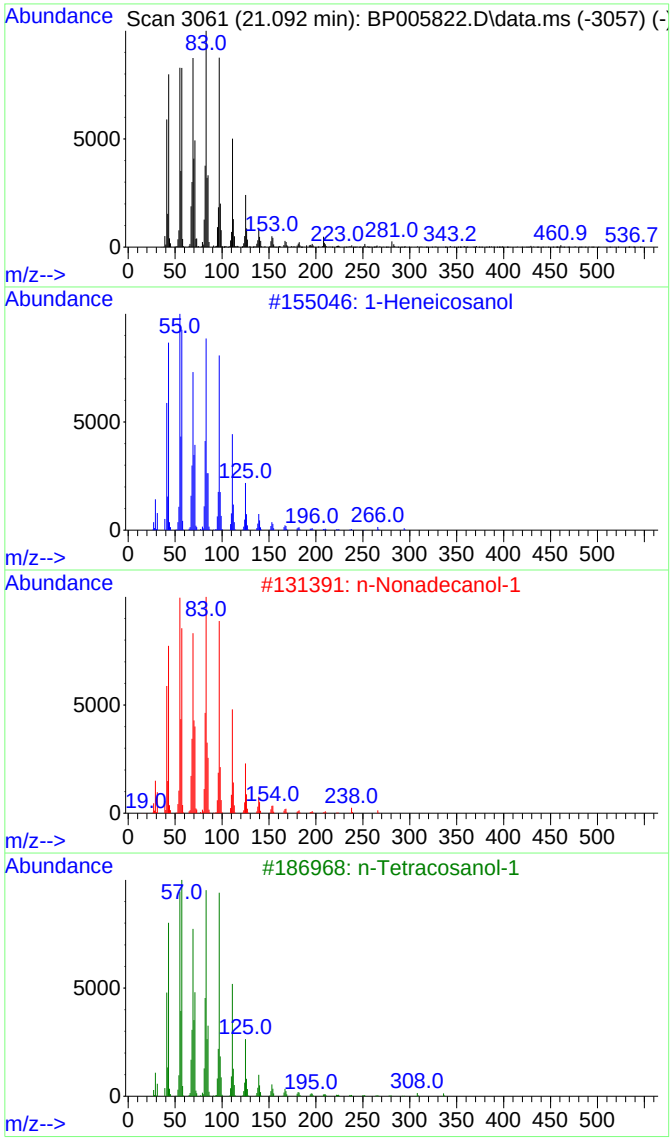
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

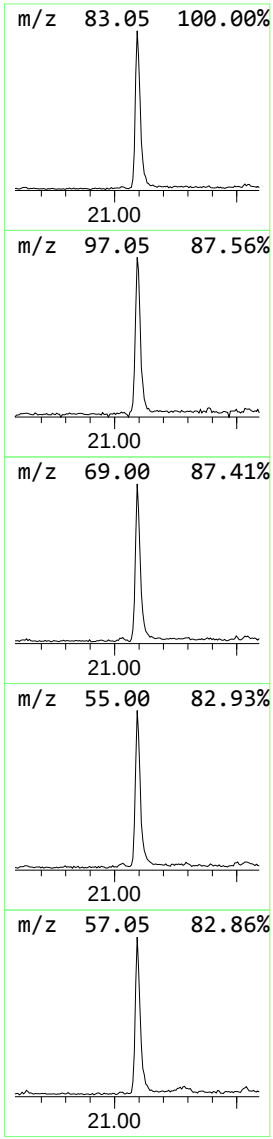
**********

Peak Number 4 1-Heneicosanol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.092 | 9.04 ng | 500764 | Chrysene-d12 | 21.386 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 4 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005822.D
Acq On : 09 Jun 2021 22:35
Operator : CG/JU
Sample : M2612-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(30-34)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown3.123 | 3.123 | 3.5 | ng | 70741 | 1 | 7.952 | 399442 | 20.0 |
| 2-Pentanone, 4-... | 5.052 | 5.1 | ng | 101508 | 1 | 7.952 | 399442 | 20.0 |
| Phenol, 2,4-dib... | 13.034 | 8.5 | ng | 278047 | 3 | 14.575 | 656067 | 20.0 |
| 1-Heneicosanol | 21.092 | 9.0 | ng | 500764 | 5 | 21.386 | 1107500 | 20.0 |