LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 18-B12(22-26)

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: BP005820.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 | 17 | rVB | 51261 | 67643 | 1.57% | 0.340% |
| 2 | 3.270 | 26 | 31 | 35 | rVB | 52660 | 67519 | 1.57% | 0.339% |
| 3 | 5.052 | 328 | 334 | 342 | rVB2 | 61987 | 94666 | 2.20% | 0.475% |
| 4 | 5.517 | 406 | 413 | 423 | rBV | 1287624 | 1878088 | 43.69% | 9.430% |
| 5 | 7.117 | 678 | 685 | 695 | rBV | 1166827 | 1833922 | 42.66% | 9.208% |
| 6 | 7.952 | 821 | 827 | 835 | rBV | 247969 | 386384 | 8.99% | 1.940% |
| 7 | 9.116 | 1016 | 1025 | 1034 | rBV | 686474 | 1122475 | 26.11% | 5.636% |
| 8 | 10.758 | 1297 | 1304 | 1314 | rBV | 273118 | 486462 | 11.32% | 2.442% |
| 9 | 12.028 | 1506 | 1520 | 1527 | rBV | 18204 | 48786 | 1.13% | 0.245% |
| 10 | 13.028 | 1683 | 1690 | 1713 | rBV | 98982 | 259850 | 6.04% | 1.305% |
| 11 | 13.204 | 1713 | 1720 | 1738 | rVB | 1724494 | 2611831 | 60.75% | 13.114% |
| 12 | 14.034 | 1845 | 1861 | 1873 | rBV | 313030 | 490345 | 11.41% | 2.462% |
| 13 | 14.575 | 1947 | 1953 | 1965 | rBV | 420303 | 628867 | 14.63% | 3.157% |
| 14 | 16.063 | 2198 | 2206 | 2224 | rBV | 1340986 | 1938390 | 45.09% | 9.732% |
| 15 | 17.322 | 2413 | 2420 | 2431 | rBV | 533824 | 765081 | 17.80% | 3.841% |
| 16 | 19.863 | 2847 | 2852 | 2859 | rBV | 3560469 | 4299117 | 100.00% | 21.585% |
| 17 | 21.092 | 3057 | 3061 | 3070 | rBV | 408917 | 606517 | 14.11% | 3.045% |
| 18 | 21.386 | 3106 | 3111 | 3117 | rBV | 798585 | 1050331 | 24.43% | 5.274% |
| 19 | 23.804 | 3516 | 3522 | 3532 | rVB2 | 612840 | 1280622 | 29.79% | 6.430% |

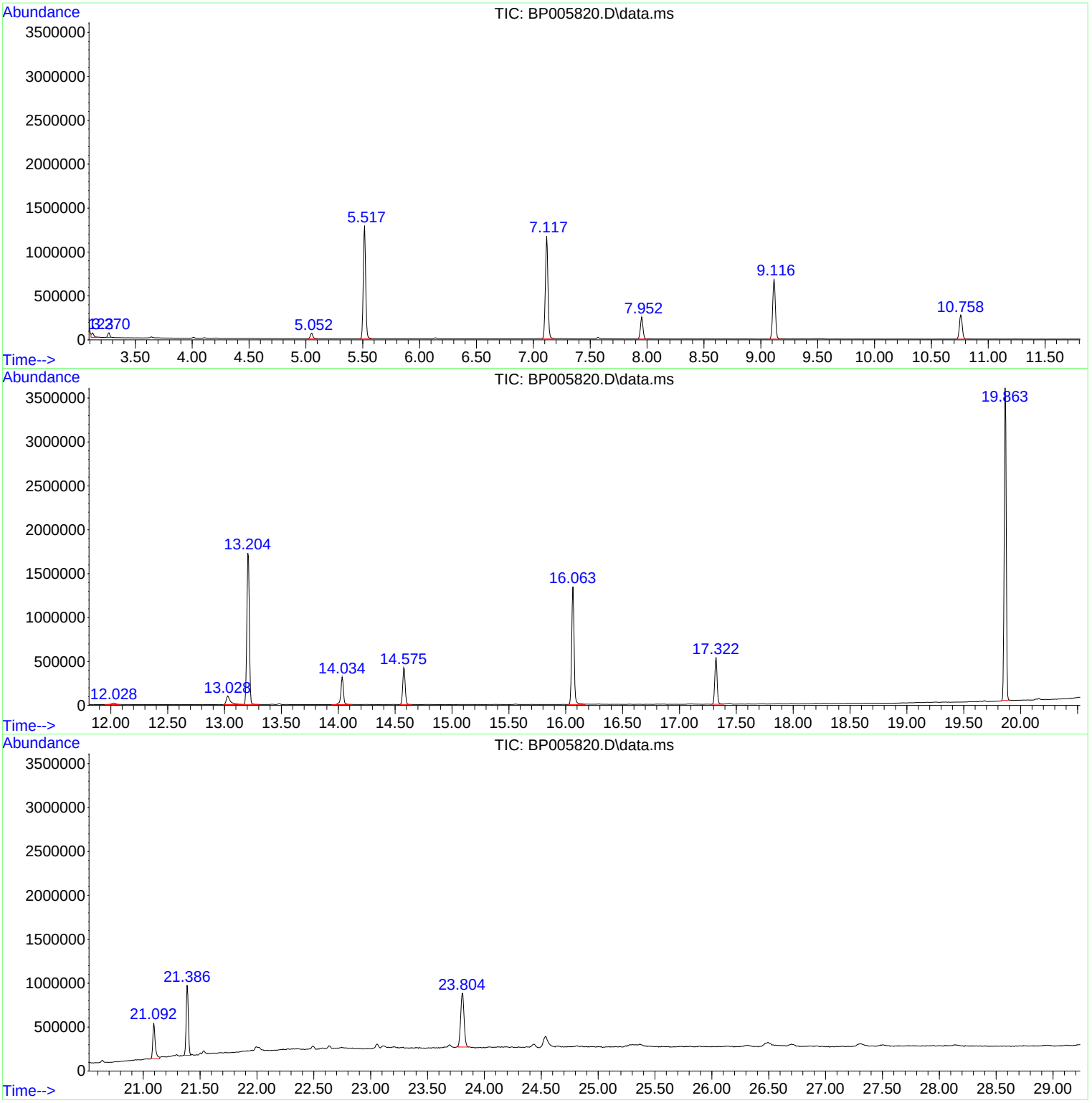
Sum of corrected areas: 19916896

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(22-26)

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 : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(22-26)

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

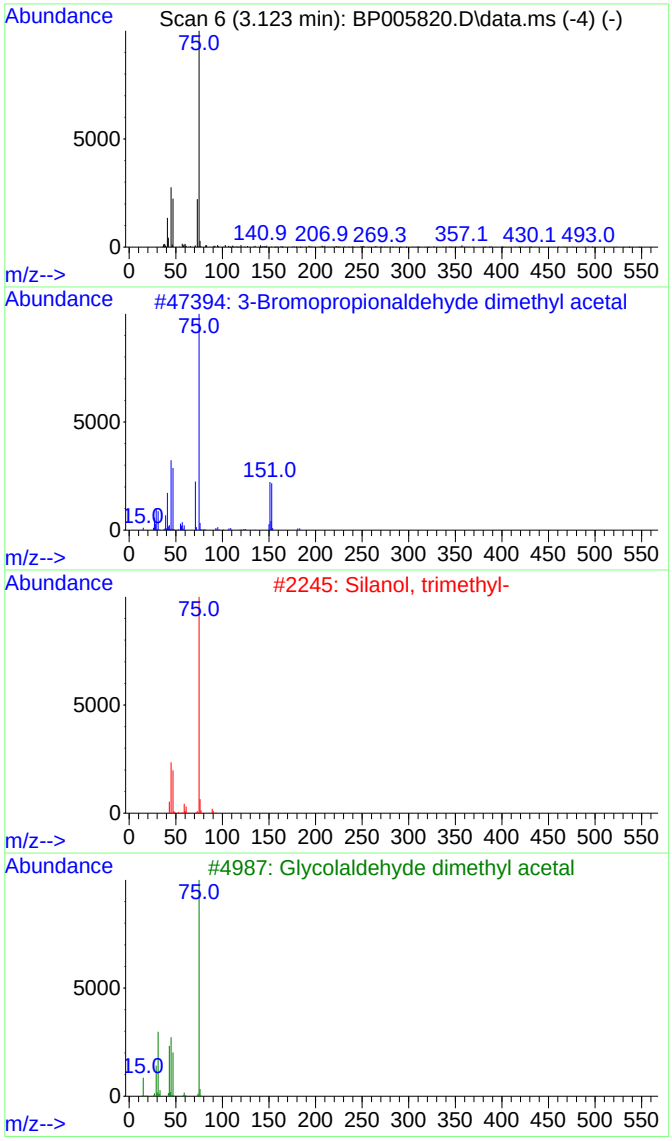
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

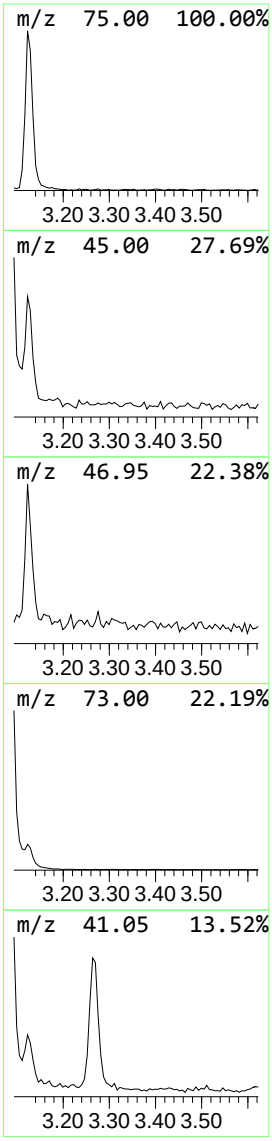
**********

Peak Number 1 unknown3.123 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.123 | 3.50 ng | 67643 | 1,4-Dichlorobenzene-d4 | 7.952 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Bromopropionaldehyde dimethyl ... | 182 | C5H11BrO2 | 036255-44-4 | 38 |
| 2 | Silanol, trimethyl- | 90 | C3H10OSi | 001066-40-6 | 9 |
| 3 | Glycolaldehyde dimethyl acetal | 106 | C4H10O3 | 030934-97-5 | 9 |
| 4 | Propane, 1,1-dimethoxy- | 104 | C5H12O2 | 004744-10-9 | 9 |
| 5 | Ethane, 2-chloro-1,1-dimethoxy- | 124 | C4H9ClO2 | 000097-97-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(22-26)

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

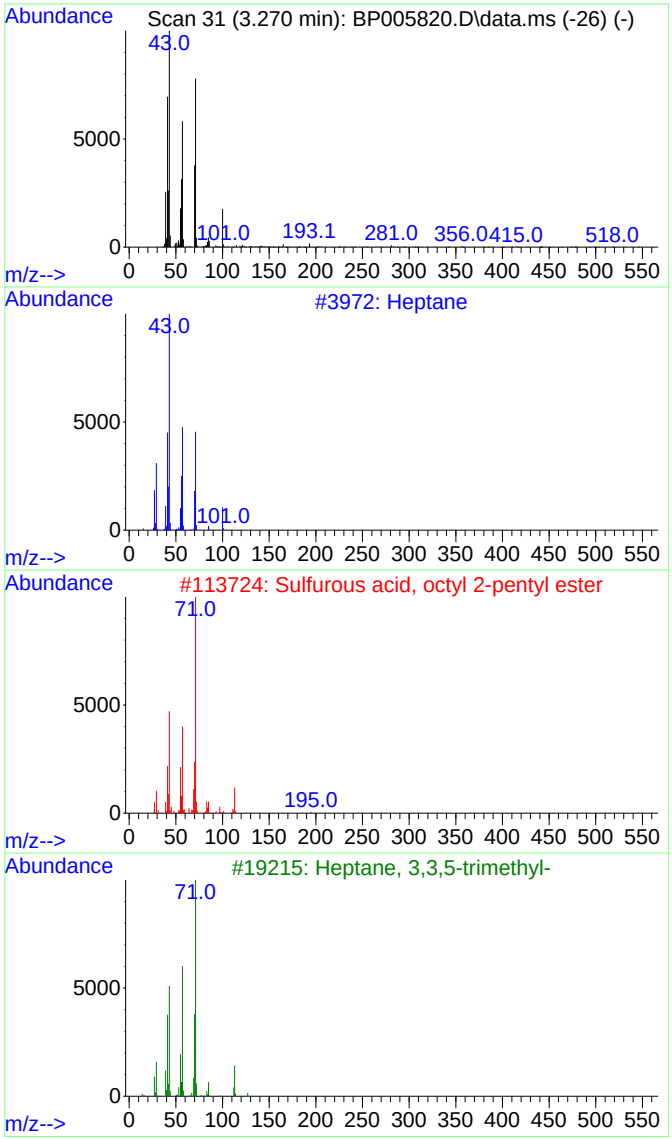
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

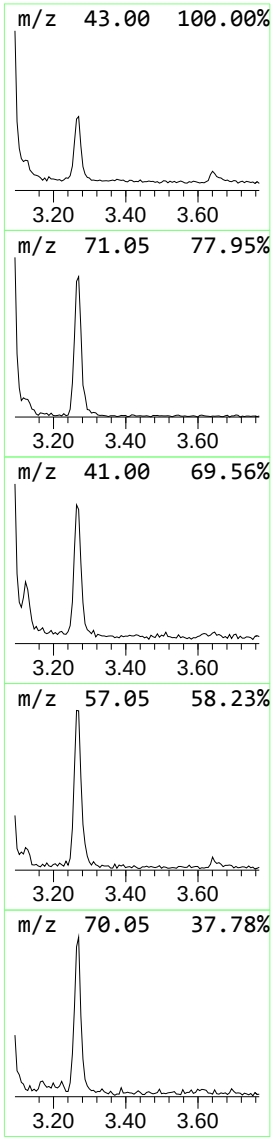
**********

Peak Number 2 Heptane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.270 | 3.49 ng | 67519 | 1,4-Dichlorobenzene-d4 | 7.952 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane | 100 | C7H16 | 000142-82-5 | 91 |
| 2 | Sulfurous acid, octyl 2-pentyl e... | 264 | C13H28O3S | 1000309-15-7 | 72 |
| 3 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 59 |
| 4 | Octane, 3-ethyl- | 142 | C10H22 | 005881-17-4 | 53 |
| 5 | Butane, 2,2-dimethyl- | 86 | C6H14 | 000075-83-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(22-26)

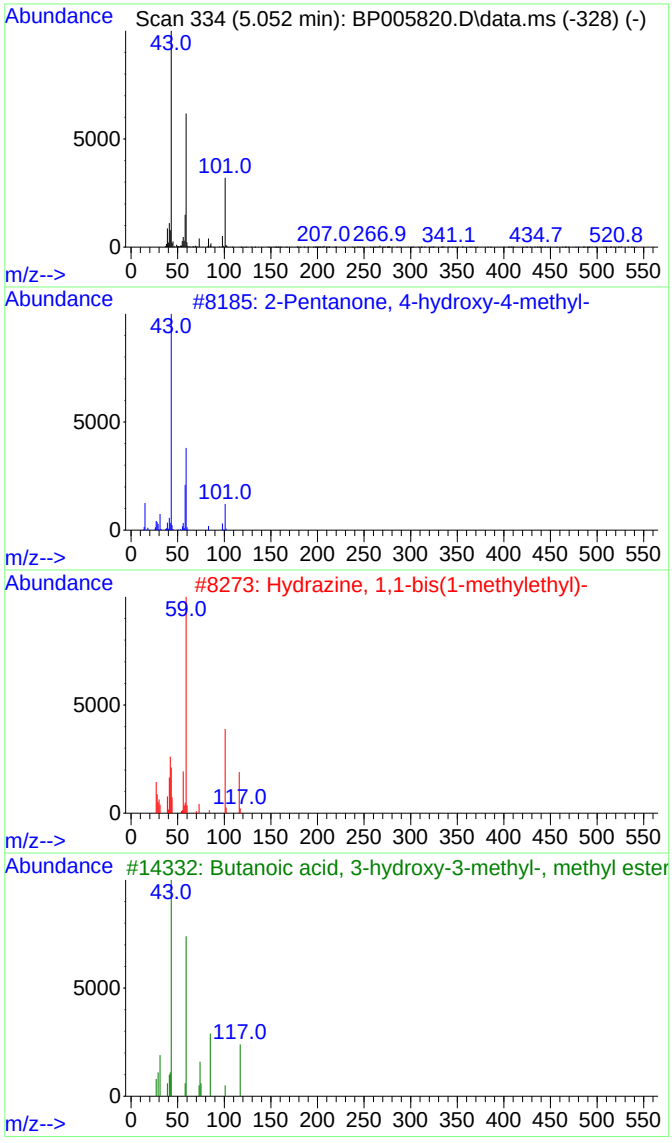
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

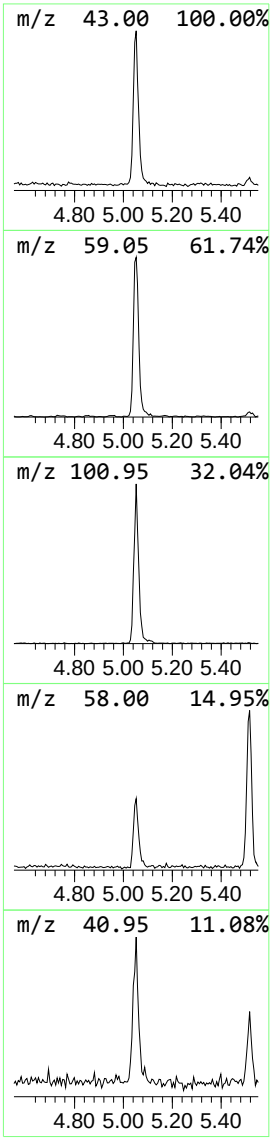
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.052 | 4.90 ng | 94666 | 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 | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 47 |
| 3 | Butanoic acid, 3-hydroxy-3-methy... | 132 | C6H12O3 | 006149-45-7 | 38 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 35 |
| 5 | 4-Ethyl-3-octanol | 158 | C10H22O | 019781-26-1 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(22-26)

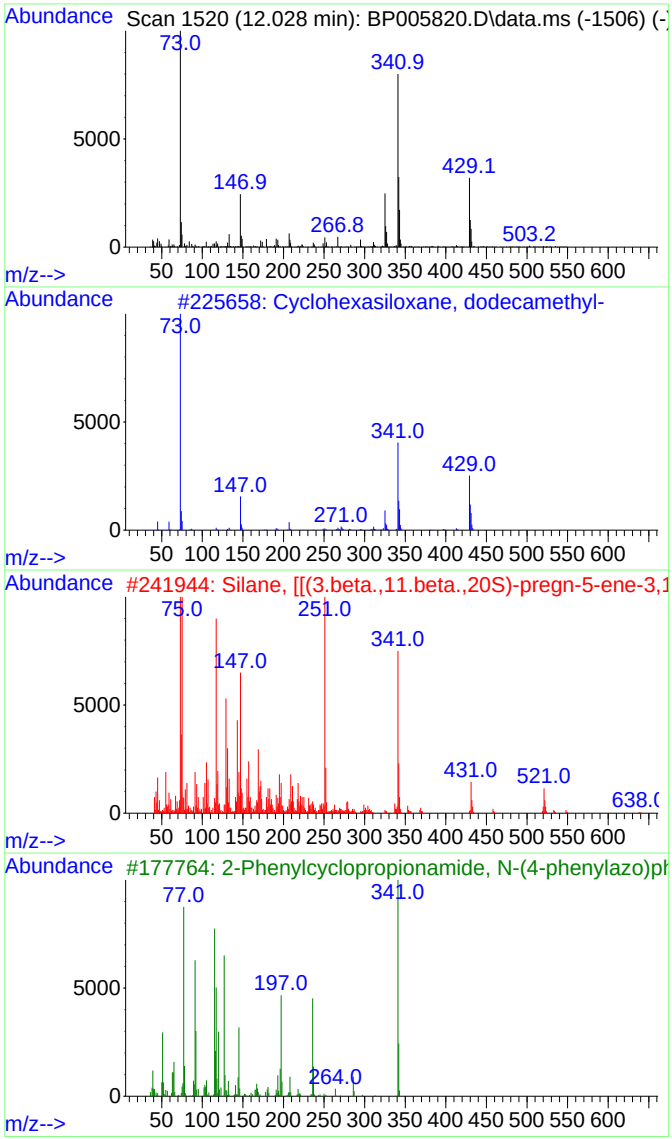
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

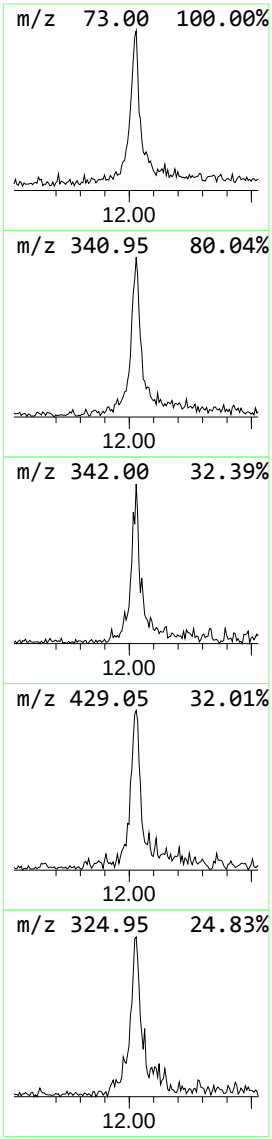
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclohexasiloxane, dodecame... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.028 | 2.01 ng | 48786 | Naphthalene-d8 | 10.758 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexasiloxane, dodecamethyl- | 444 | C12H36O6Si6 | 000540-97-6 | 86 |
| 2 | Silane, [[(3.beta.,11.beta.,20S)... | 638 | C33H66O4Si4 | 032221-72-0 | 38 |
| 3 | 2-Phenylcyclopropionamide, N-(4-... | 341 | C22H19N3O | 303097-62-3 | 25 |
| 4 | Silane, diethyl(trans-4-methylcy... | 370 | C22H46O2Si | 1000363-56-8 | 17 |
| 5 | 4,6-Bis(4-fluoro-3-(trifluoromet... | 452 | C18H8F8N2O3 | 1000332-53-9 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(22-26)

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

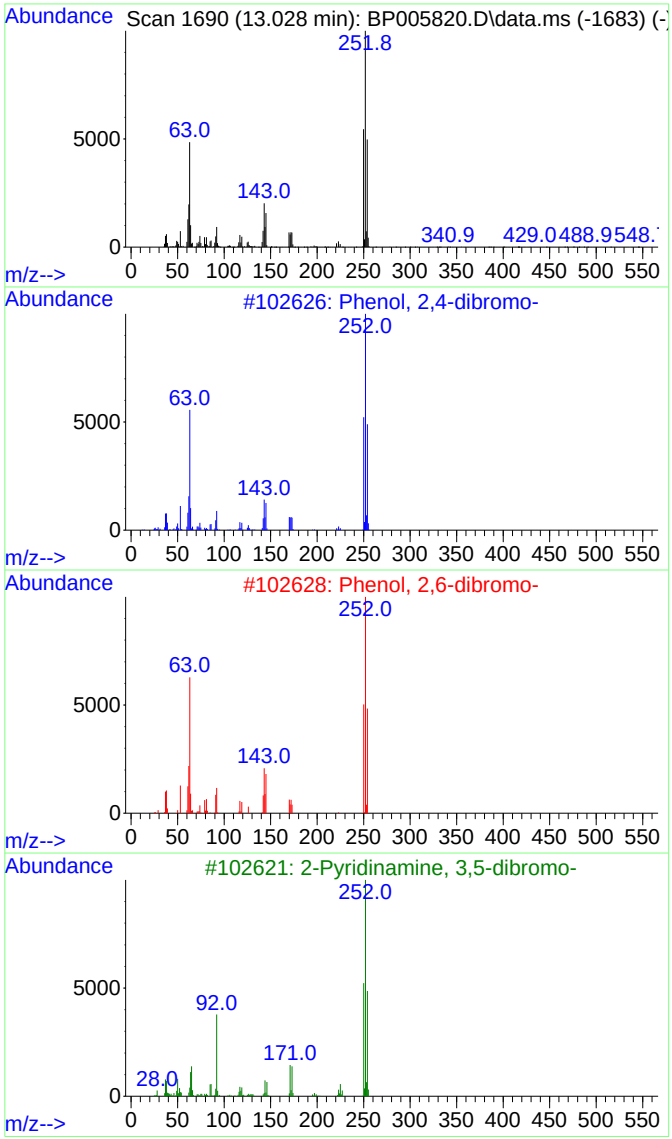
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

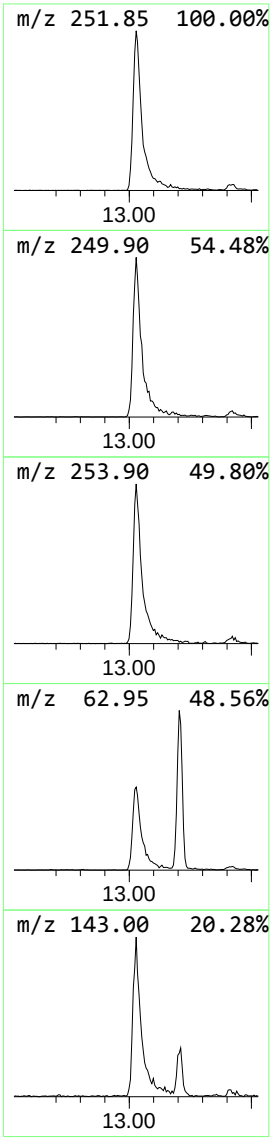
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.028 | 8.26 ng | 259850 | 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 | 97 |
| 3 | 2-Pyridinamine, 3,5-dibromo- | 250 | C5H4Br2N2 | 035486-42-1 | 38 |
| 4 | Mercury, chloromethyl- | 252 | CH3ClHg | 000115-09-3 | 10 |
| 5 | Phenol, 2,4-dibromo-, acetate | 292 | C8H6Br2O2 | 036914-79-1 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(22-26)

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

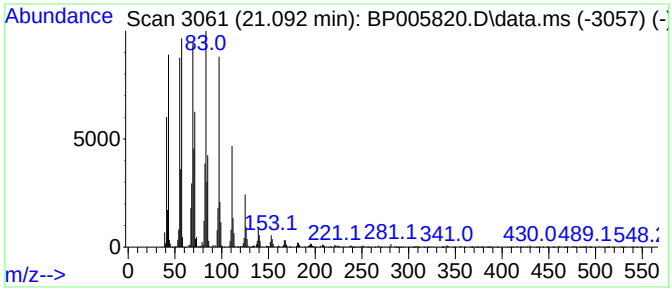
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

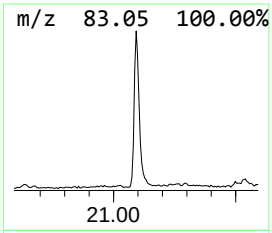
**********

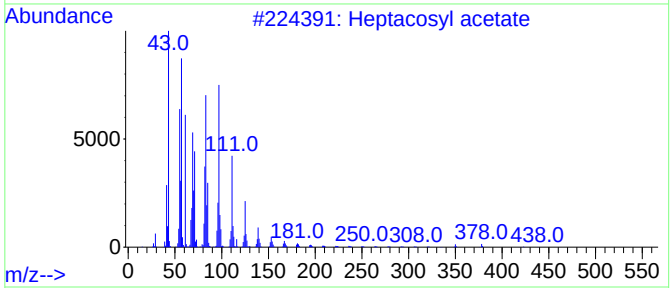
Peak Number 6 Heptacosyl acetate Concentration Rank 1

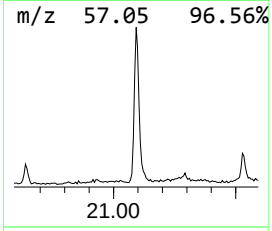
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.092 | 11.55 ng | 606517 | Chrysene-d12 | 21.386 |

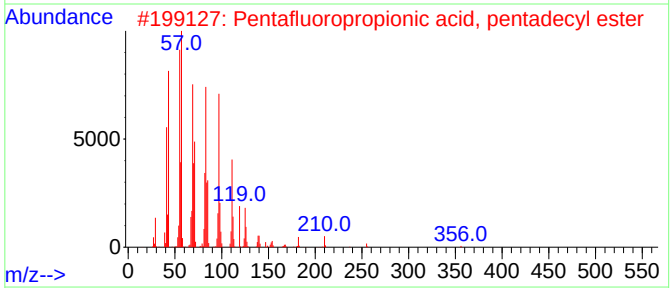
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 95 |
| 2 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 95 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 94 |
| 5 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |

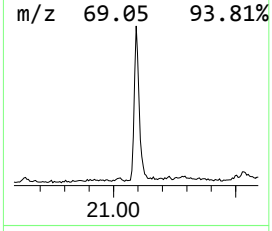


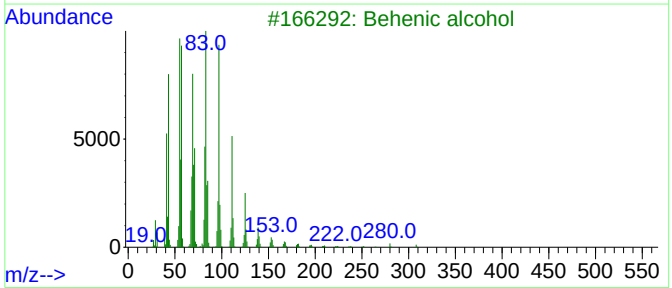



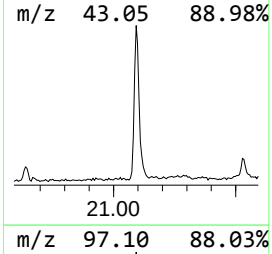



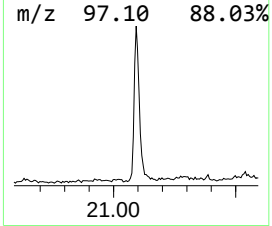



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060921\
Data File : BP005820.D
Acq On : 09 Jun 2021 21:27
Operator : CG/JU
Sample : M2612-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 18-B12(22-26)

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 | 67643 | 1 | 7.952 | 386384 | 20.0 |
| Heptane | 3.270 | 3.5 | ng | 67519 | 1 | 7.952 | 386384 | 20.0 |
| 2-Pentanone, 4-... | 5.052 | 4.9 | ng | 94666 | 1 | 7.952 | 386384 | 20.0 |
| Cyclohexasiloxa... | 12.028 | 2.0 | ng | 48786 | 2 | 10.758 | 486462 | 20.0 |
| Phenol, 2,4-dib... | 13.028 | 8.3 | ng | 259850 | 3 | 14.575 | 628867 | 20.0 |
| Heptacosyl acetate | 21.092 | 11.6 | ng | 606517 | 5 | 21.386 | 1050330 | 20.0 |