LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055697.D
Acq On : 18 Nov 2022 19:35
Operator : CG/JU
Sample : N5698-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BANK-RUN-SOIL-SAMPLE-1

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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055697.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.296 | 337 | 342 | 349 | rBV | 89729 | 140544 | 4.86% | 1.133% |
| 2 | 5.778 | 415 | 424 | 433 | rBV | 563817 | 894723 | 30.95% | 7.216% |
| 3 | 7.394 | 690 | 699 | 709 | rBV | 570984 | 970115 | 33.55% | 7.824% |
| 4 | 8.246 | 838 | 844 | 851 | rBV | 98264 | 164843 | 5.70% | 1.329% |
| 5 | 9.421 | 1035 | 1044 | 1053 | rBV | 327998 | 591033 | 20.44% | 4.766% |
| 6 | 11.078 | 1318 | 1326 | 1337 | rBV | 139305 | 252050 | 8.72% | 2.033% |
| 7 | 13.499 | 1730 | 1738 | 1745 | rBV | 1014628 | 1597870 | 55.27% | 12.886% |
| 8 | 14.868 | 1965 | 1971 | 1980 | rVB | 271391 | 435145 | 15.05% | 3.509% |
| 9 | 16.213 | 2194 | 2200 | 2207 | rBV | 262168 | 370438 | 12.81% | 2.987% |
| 10 | 16.354 | 2217 | 2224 | 2239 | rBV | 1051410 | 1691761 | 58.51% | 13.643% |
| 11 | 16.542 | 2250 | 2256 | 2262 | rBV | 44430 | 67312 | 2.33% | 0.543% |
| 12 | 17.611 | 2431 | 2438 | 2445 | rBV | 434579 | 643243 | 22.25% | 5.187% |
| 13 | 20.202 | 2873 | 2879 | 2885 | rBV | 2159998 | 2891218 | 100.00% | 23.317% |
| 14 | 21.513 | 3097 | 3102 | 3115 | rBV2 | 99911 | 247123 | 8.55% | 1.993% |
| 15 | 21.912 | 3163 | 3170 | 3176 | rBV2 | 370718 | 649589 | 22.47% | 5.239% |
| 16 | 22.083 | 3196 | 3199 | 3203 | rVB2 | 23022 | 32352 | 1.12% | 0.261% |
| 17 | 22.717 | 3304 | 3307 | 3313 | rBV2 | 21906 | 35293 | 1.22% | 0.285% |
| 18 | 25.320 | 3741 | 3750 | 3762 | rVB2 | 245826 | 725225 | 25.08% | 5.849% |

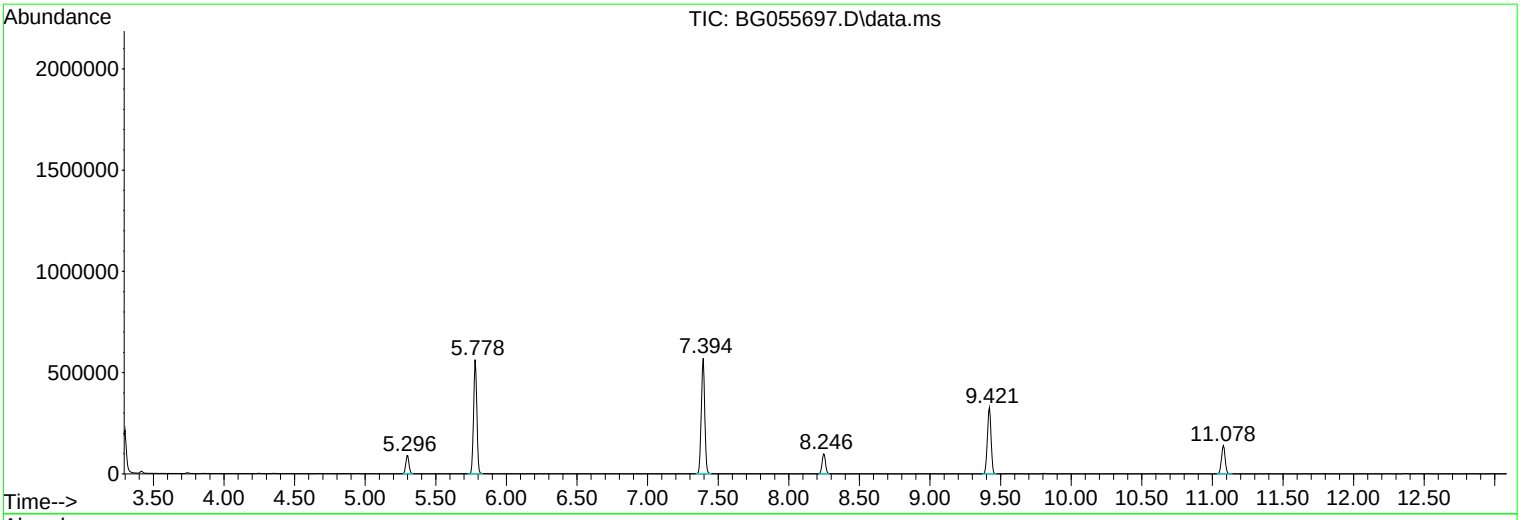
Sum of corrected areas: 12399877

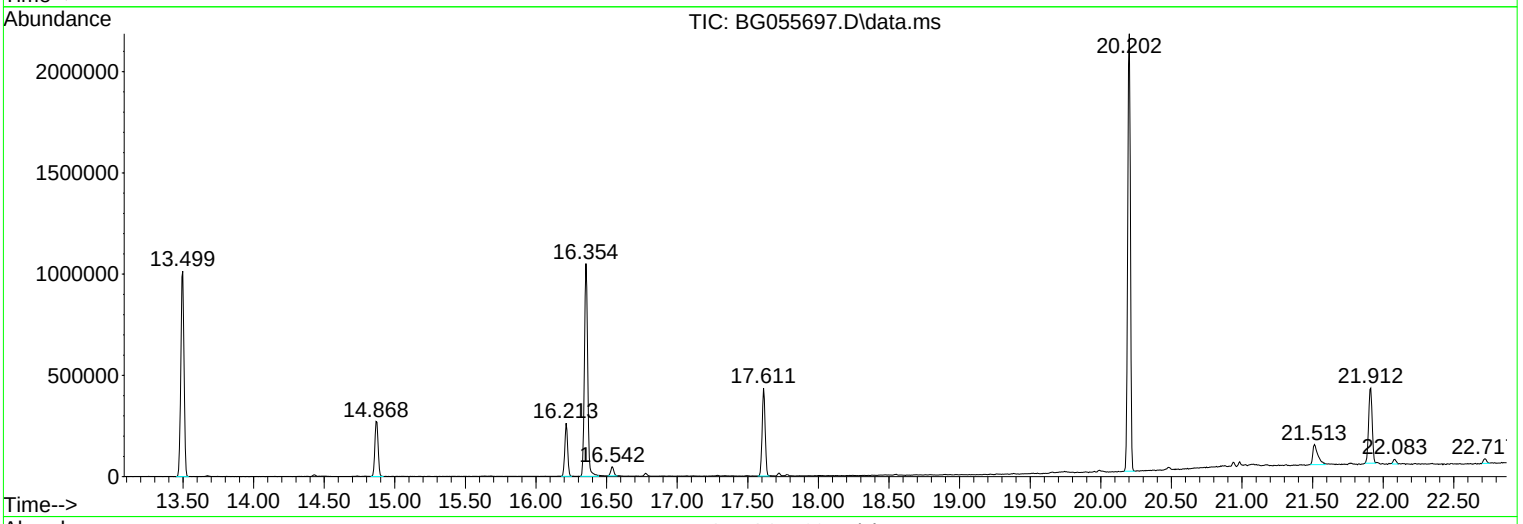
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055697.D
Acq On : 18 Nov 2022 19:35
Operator : CG/JU
Sample : N5698-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

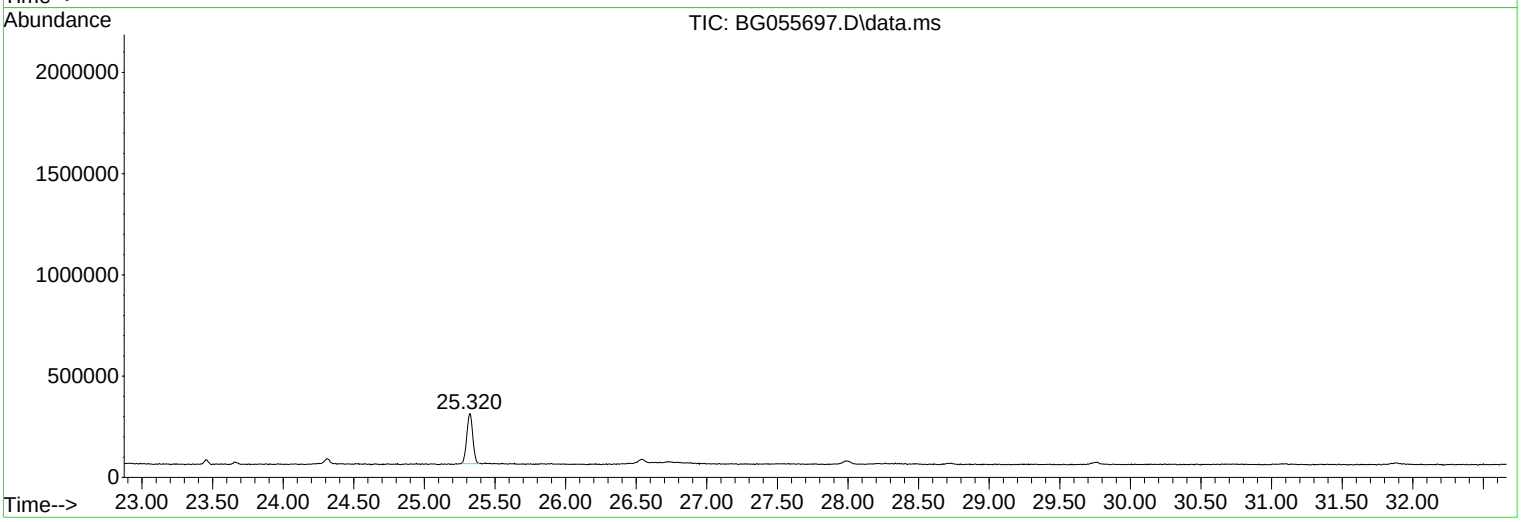
**Instrument :**
BNA_G
**ClientSampleId :**
BANK-RUN-SOIL-SAMPLE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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_G\Data\BG111822\
Data File : BG055697.D
Acq On : 18 Nov 2022 19:35
Operator : CG/JU
Sample : N5698-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BANK-RUN-SOIL-SAMPLE-1

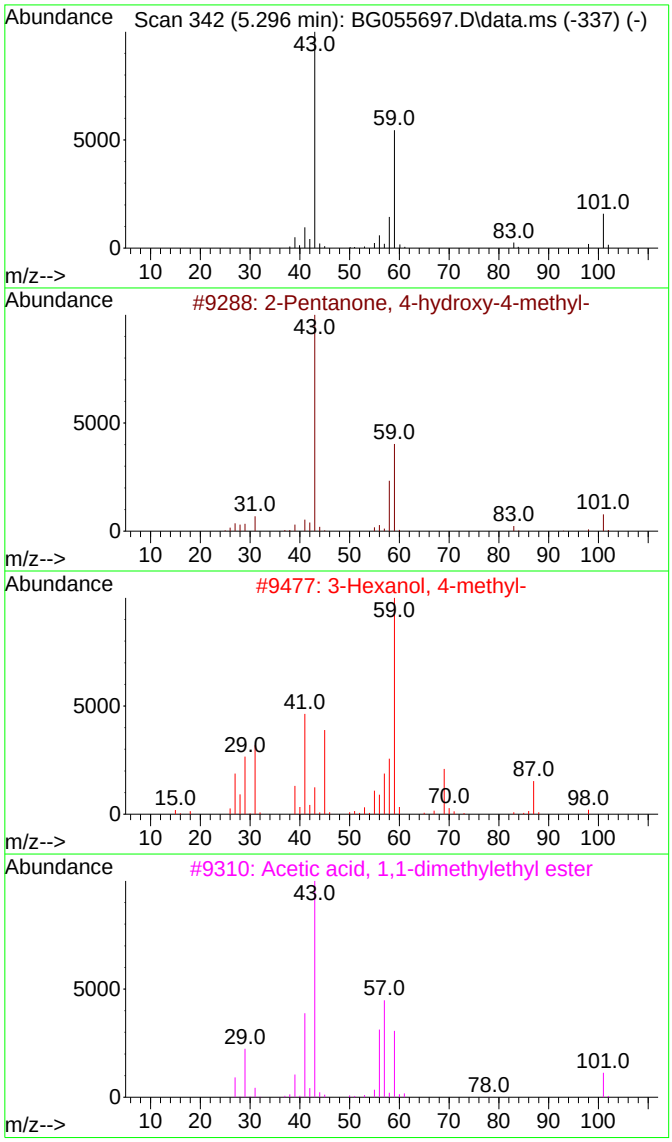
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

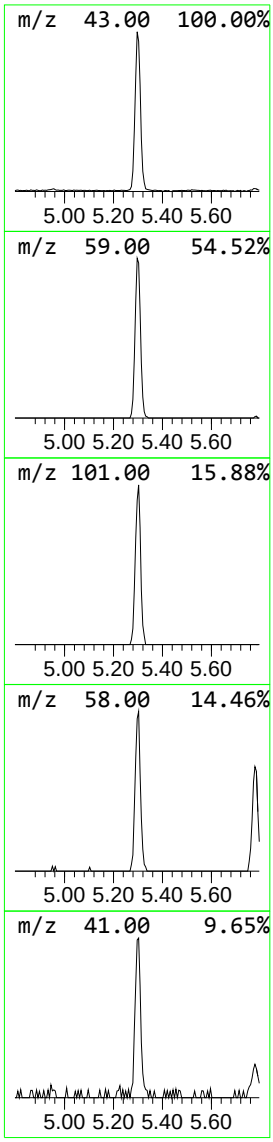
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.296 | 17.05 ng | 140544 | 1,4-Dichlorobenzene-d4 | 8.246 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 3 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 32 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 32 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055697.D
Acq On : 18 Nov 2022 19:35
Operator : CG/JU
Sample : N5698-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BANK-RUN-SOIL-SAMPLE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

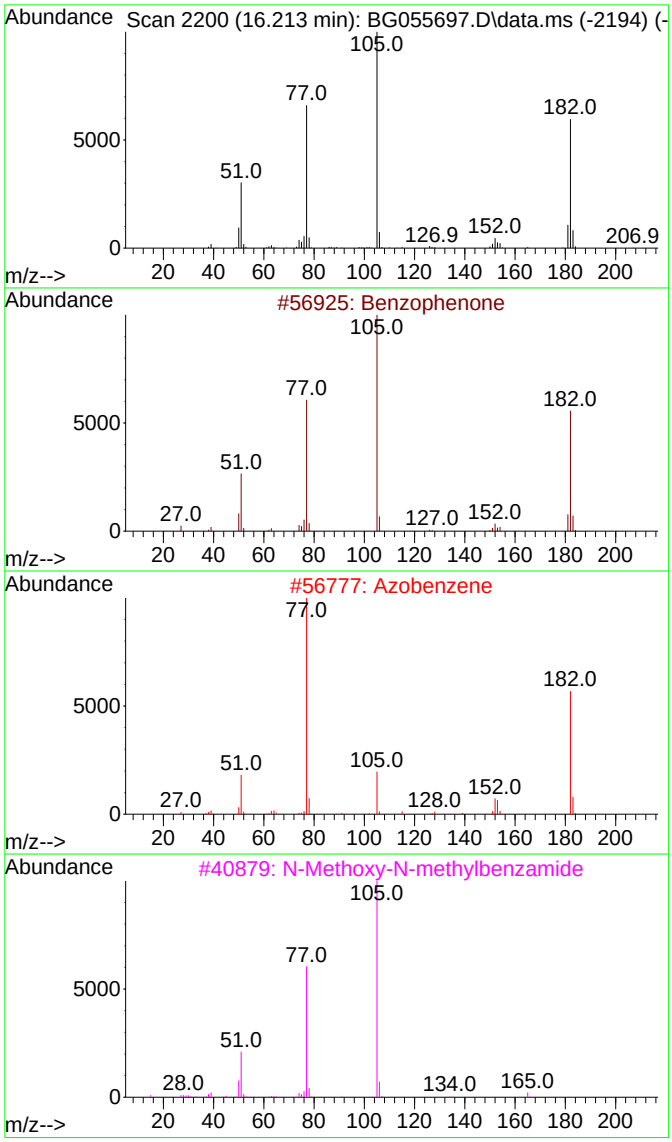
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

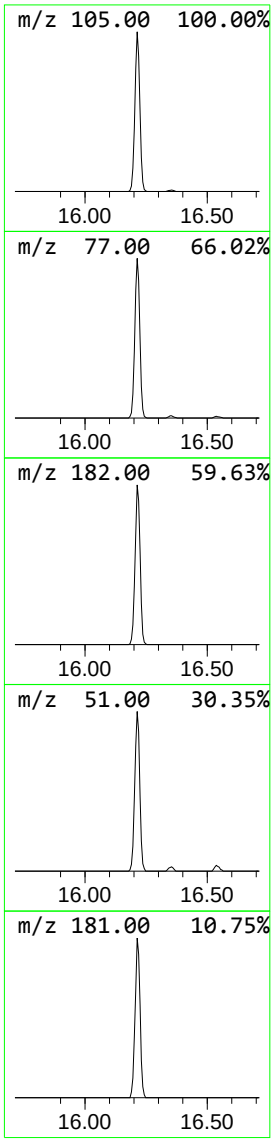
**********

Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.213 | 17.03 ng | 370438 | Acenaphthene-d10 | 14.868 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 52 |
| 3 | N-Methoxy-N-methylbenzamide | 165 | C9H11NO2 | 006919-61-5 | 47 |
| 4 | Ethanedione, diphenyl- | 210 | C14H10O2 | 000134-81-6 | 47 |
| 5 | Pentafluoroethyl phenyl ketone | 224 | C9H5F5O | 000394-52-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055697.D
Acq On : 18 Nov 2022 19:35
Operator : CG/JU
Sample : N5698-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BANK-RUN-SOIL-SAMPLE-1

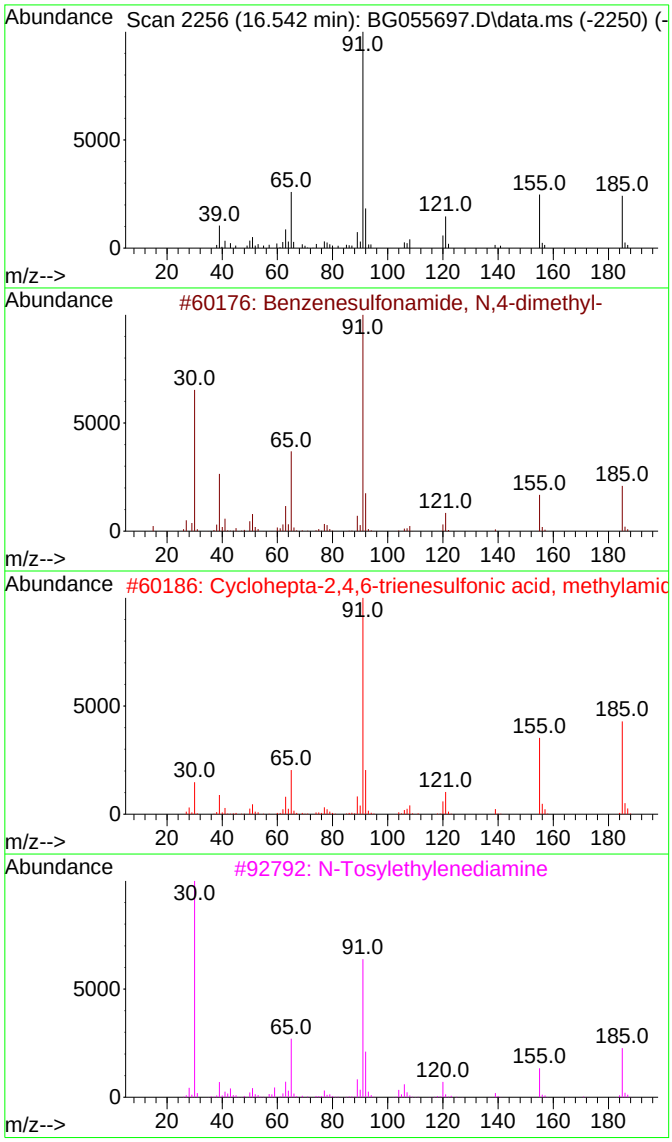
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

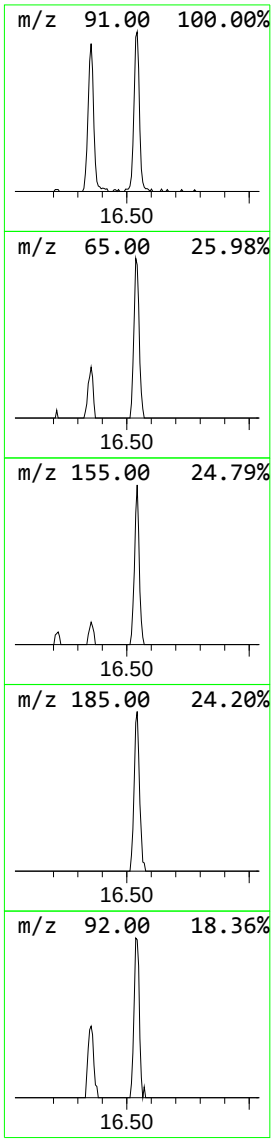
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzenesulfonamide, N,4-dim... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.542 | 2.09 ng | 67312 | Phenanthrene-d10 | 17.611 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N,4-dimethyl- | 185 | C8H11NO2S | 000640-61-9 | 95 |
| 2 | Cyclohepta-2,4,6-trienesulfonic ... | 185 | C8H11NO2S | 1000187-28-7 | 76 |
| 3 | N-Tosylethylenediamine | 214 | C9H14N2O2S | 014316-16-6 | 53 |
| 4 | Ethyl(E/Z)-.alpha.-cyano-4-nitro... | 416 | C19H16N2O7S | 1000287-26-8 | 50 |
| 5 | Pyridine-2-carbonitrile, 3,5,6-t... | 375 | C13H8Cl3N3O2S | 255713-77-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055697.D
Acq On : 18 Nov 2022 19:35
Operator : CG/JU
Sample : N5698-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BANK-RUN-SOIL-SAMPLE-1

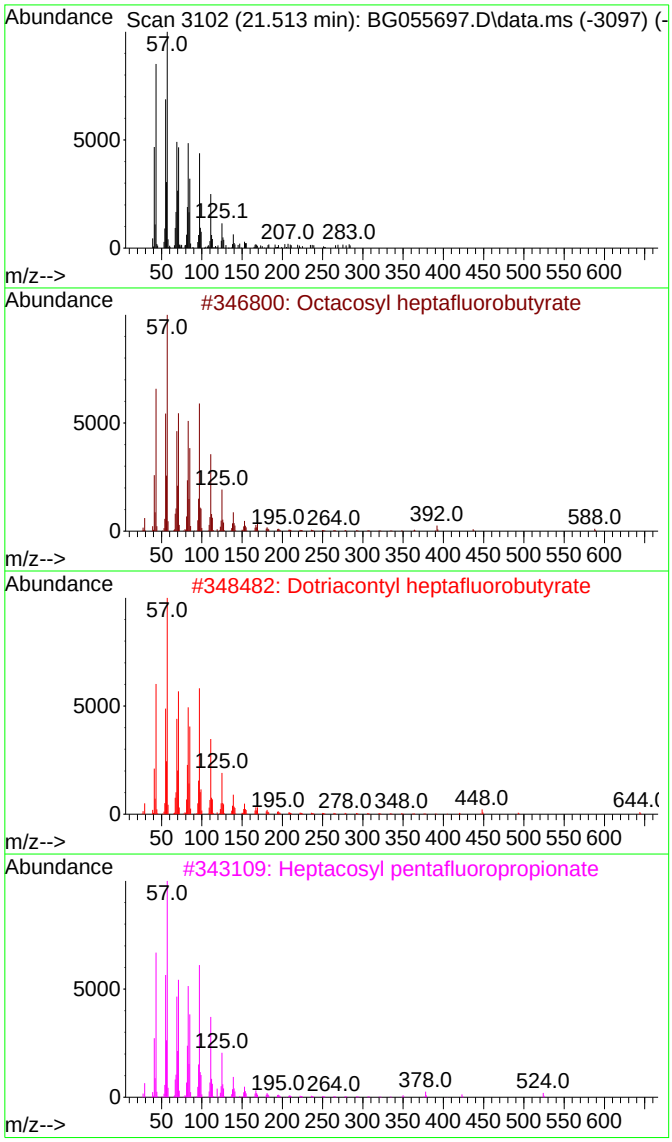
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

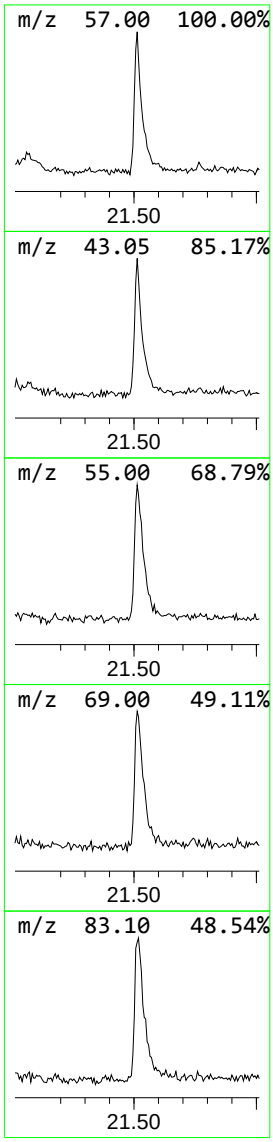
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Octacosyl heptafluorobutyrate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.513 | 7.61 ng | 247123 | Chrysene-d12 | 21.912 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosyl heptafluorobutyrate | 606 | C32H57F7O2 | 1010351-83-6 | 91 |
| 2 | Dotriacontyl heptafluorobutyrate | 662 | C36H65F7O2 | 1000351-84-2 | 91 |
| 3 | Heptacosyl pentafluoropropionate | 542 | C30H55F5O2 | 1000351-81-6 | 91 |
| 4 | Tricosyl pentafluoropropionate | 486 | C26H47F5O2 | 1000351-81-0 | 91 |
| 5 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055697.D
Acq On : 18 Nov 2022 19:35
Operator : CG/JU
Sample : N5698-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BANK-RUN-SOIL-SAMPLE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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 |
| 2-Pentanone, 4-... | 5.296 | 17.1 | ng | 140544 | 1 | 8.246 | 164843 | 20.0 |
| Benzophenone | 16.213 | 17.0 | ng | 370438 | 3 | 14.868 | 435145 | 20.0 |
| Benzenesulfonam... | 16.542 | 2.1 | ng | 67312 | 4 | 17.611 | 643243 | 20.0 |
| Octacosyl hepta... | 21.513 | 7.6 | ng | 247123 | 5 | 21.912 | 649589 | 20.0 |