LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

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_F\Methods\8270-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143618.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.305 | 13 | 19 | 28 | rBV | 48763 | 77826 | 2.24% | 0.323% |
| 2 | 5.122 | 488 | 498 | 509 | rBV | 240359 | 420172 | 12.09% | 1.746% |
| 3 | 5.510 | 557 | 564 | 569 | rBV | 2129108 | 3028017 | 87.10% | 12.581% |
| 4 | 6.510 | 727 | 734 | 739 | rBV | 1997852 | 3028970 | 87.12% | 12.585% |
| 5 | 6.887 | 793 | 798 | 804 | rVB | 476012 | 610511 | 17.56% | 2.537% |
| 6 | 7.451 | 887 | 894 | 899 | rBV | 1442347 | 2001416 | 57.57% | 8.316% |
| 7 | 8.169 | 1011 | 1016 | 1021 | rVB | 660994 | 814341 | 23.42% | 3.384% |
| 8 | 9.245 | 1193 | 1199 | 1204 | rBV | 2653406 | 3476595 | 100.00% | 14.445% |
| 9 | 9.922 | 1309 | 1314 | 1319 | rBV | 765783 | 950346 | 27.34% | 3.949% |
| 10 | 10.639 | 1430 | 1436 | 1442 | rVB | 213955 | 264221 | 7.60% | 1.098% |
| 11 | 10.710 | 1442 | 1448 | 1454 | rBV | 1761918 | 2358470 | 67.84% | 9.799% |
| 12 | 11.410 | 1562 | 1567 | 1572 | rVB | 756817 | 937001 | 26.95% | 3.893% |
| 13 | 11.939 | 1650 | 1657 | 1673 | rBV2 | 480546 | 787318 | 22.65% | 3.271% |
| 14 | 12.269 | 1708 | 1713 | 1718 | rBV | 441707 | 548748 | 15.78% | 2.280% |
| 15 | 12.722 | 1784 | 1790 | 1802 | rBV | 87810 | 151738 | 4.36% | 0.630% |
| 16 | 12.998 | 1831 | 1837 | 1842 | rVB | 2407138 | 3199689 | 92.04% | 13.295% |
| 17 | 13.227 | 1871 | 1876 | 1883 | rBV2 | 25956 | 45938 | 1.32% | 0.191% |
| 18 | 13.821 | 1973 | 1977 | 1986 | rBV2 | 34723 | 76931 | 2.21% | 0.320% |
| 19 | 13.910 | 1986 | 1992 | 2007 | rVV2 | 113686 | 256379 | 7.37% | 1.065% |
| 20 | 14.045 | 2009 | 2015 | 2022 | rVV | 402613 | 515098 | 14.82% | 2.140% |
| 21 | 15.521 | 2260 | 2266 | 2272 | rBV | 343998 | 517791 | 14.89% | 2.151% |

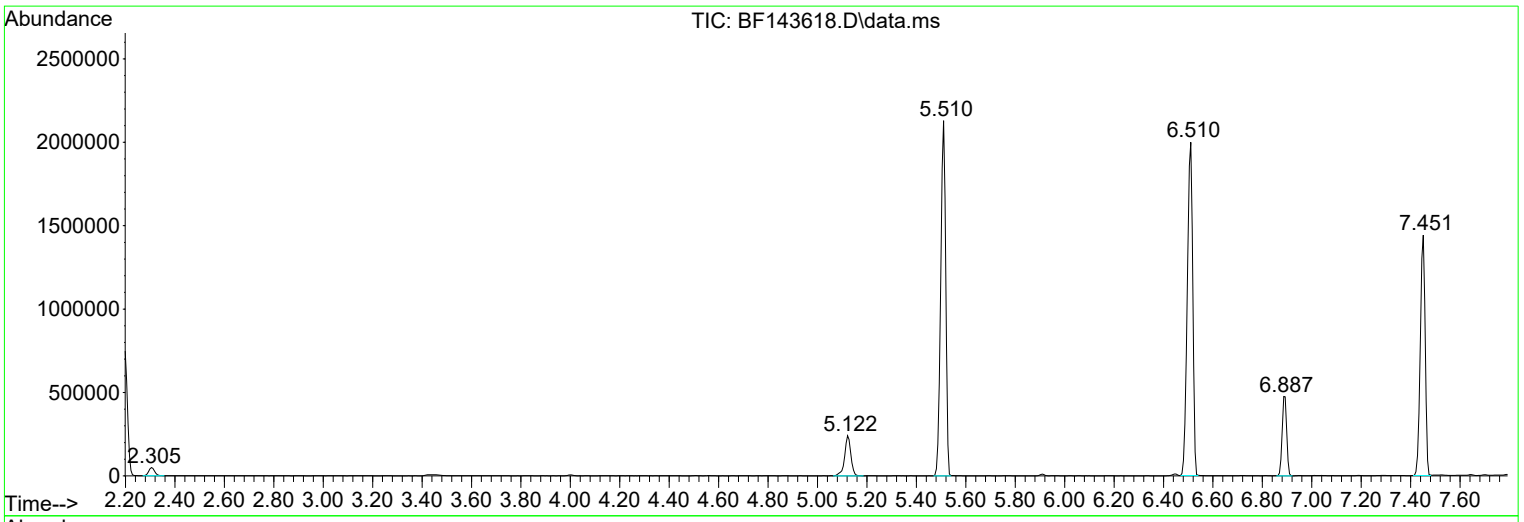
Sum of corrected areas: 24067516

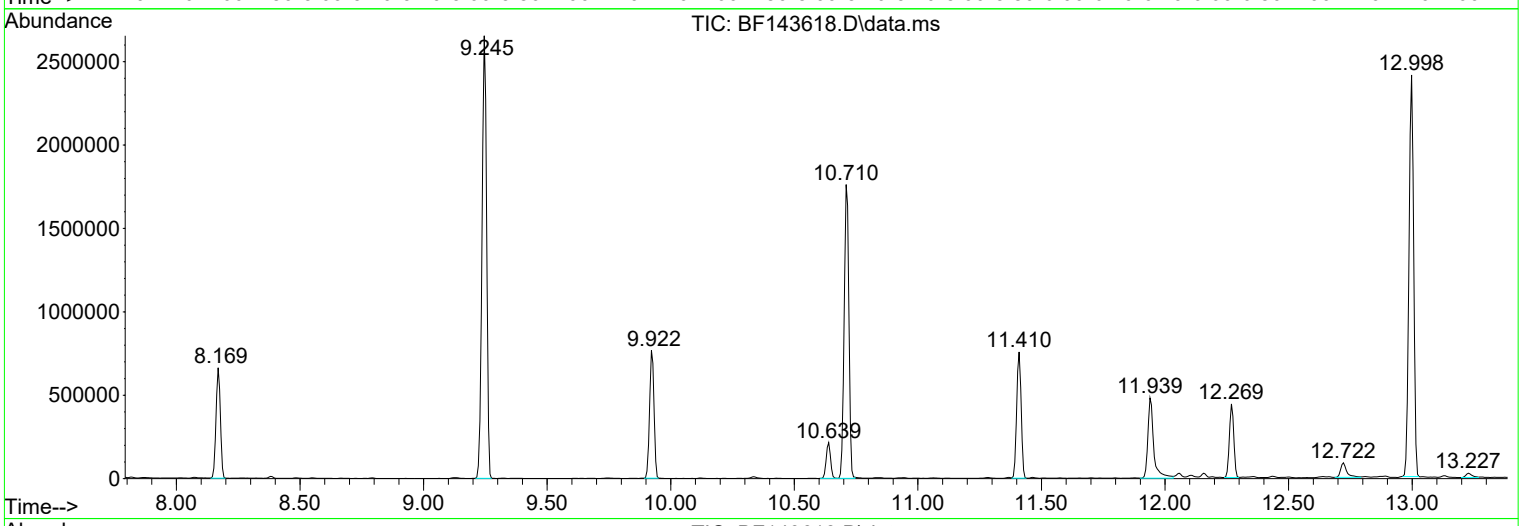
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

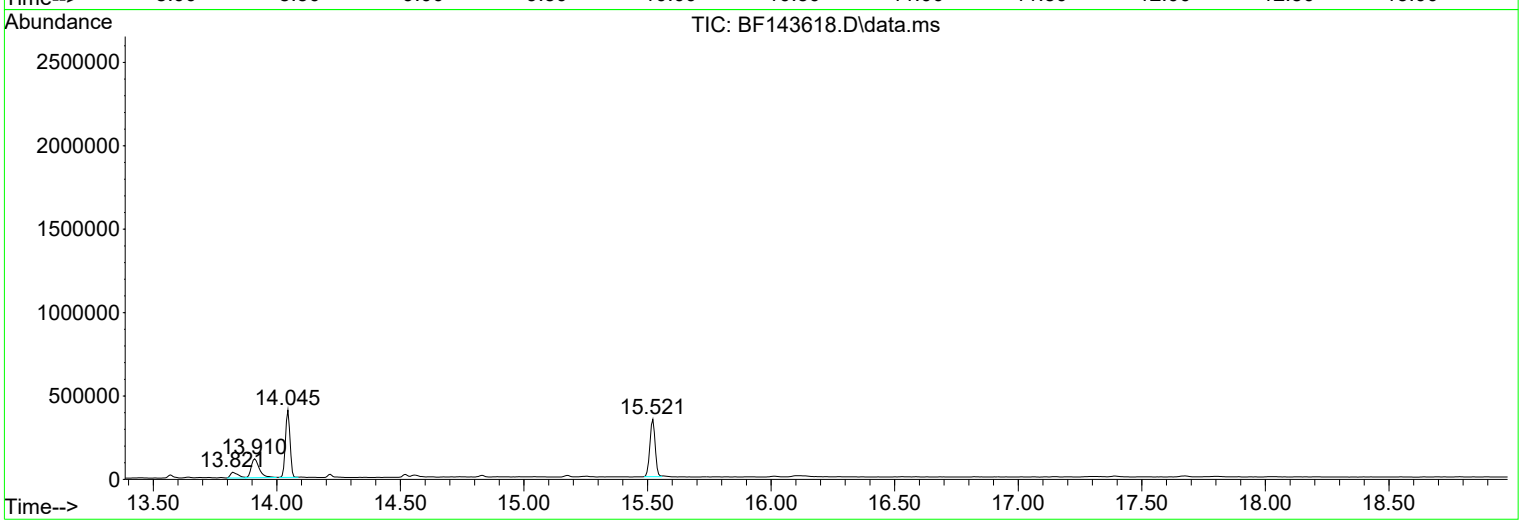
**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

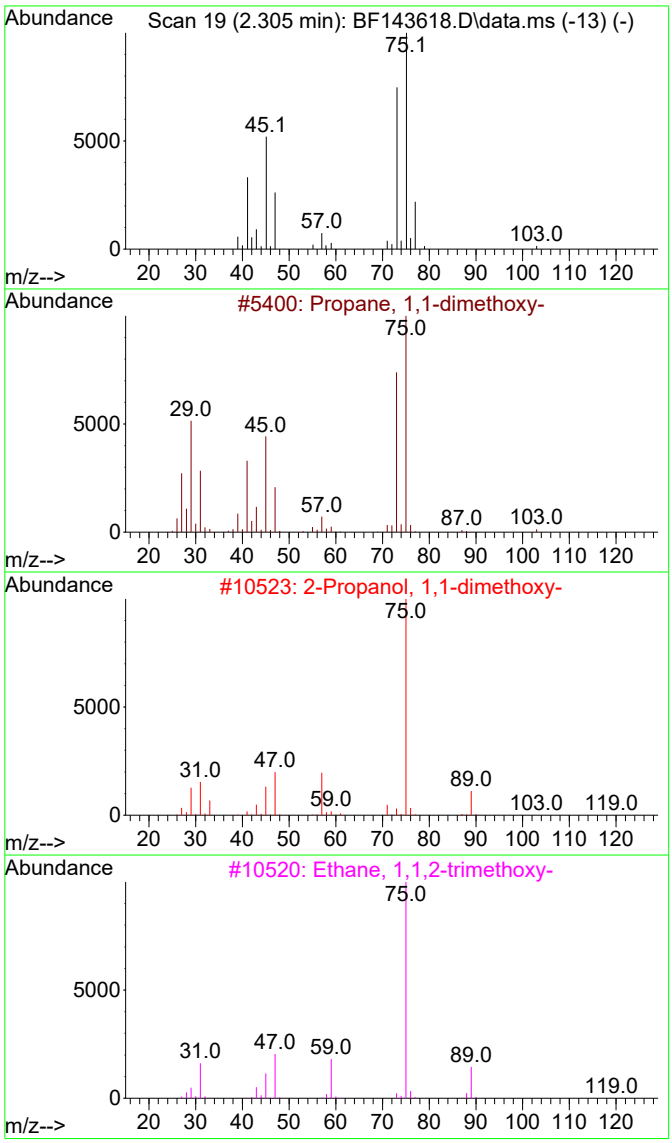
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

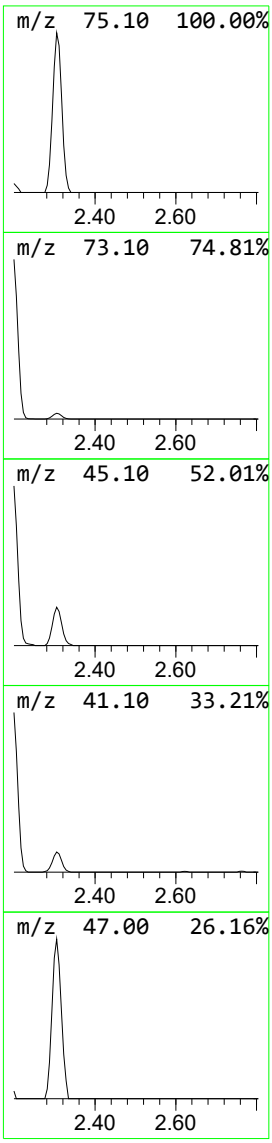
**********

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.305 | 2.55 ng | 77826 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 1,1-dimethoxy- | 104 | C5H12O2 | 004744-10-9 | 72 |
| 2 | 2-Propanol, 1,1-dimethoxy- | 120 | C5H12O3 | 042919-42-6 | 38 |
| 3 | Ethane, 1,1,2-trimethoxy- | 120 | C5H12O3 | 024332-20-5 | 28 |
| 4 | 1,3-Dioxolane, 2-(1-bromoethyl)- | 180 | C5H9BrO2 | 005267-73-2 | 12 |
| 5 | 2,2'-Bi-1,3-dioxolane | 146 | C6H10O4 | 006705-89-1 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

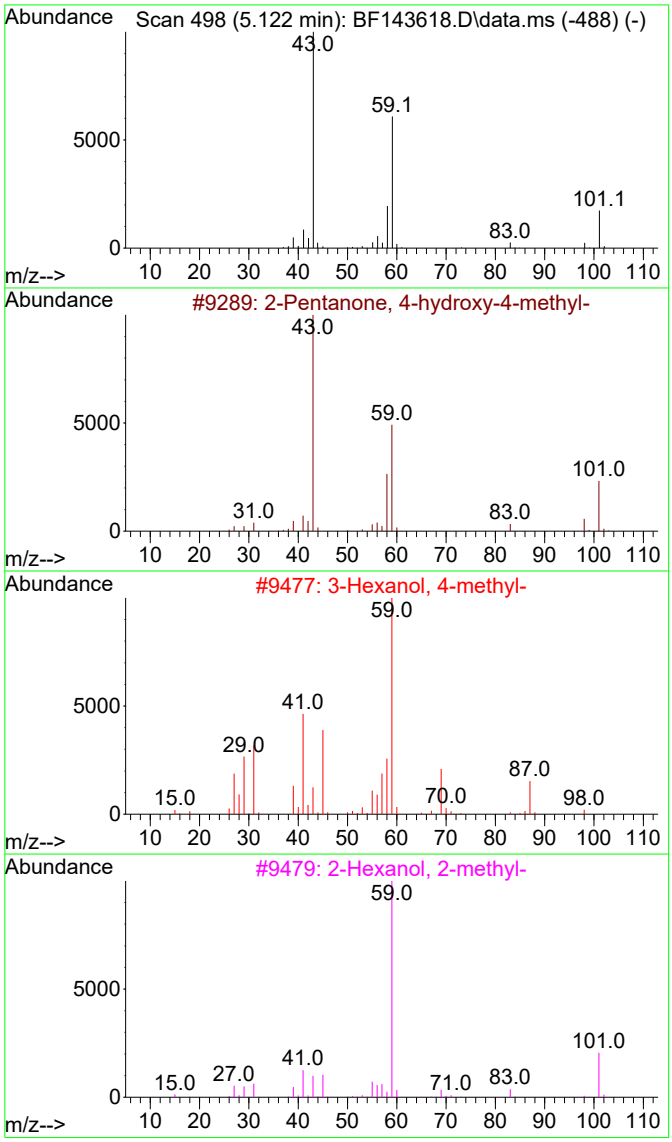
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

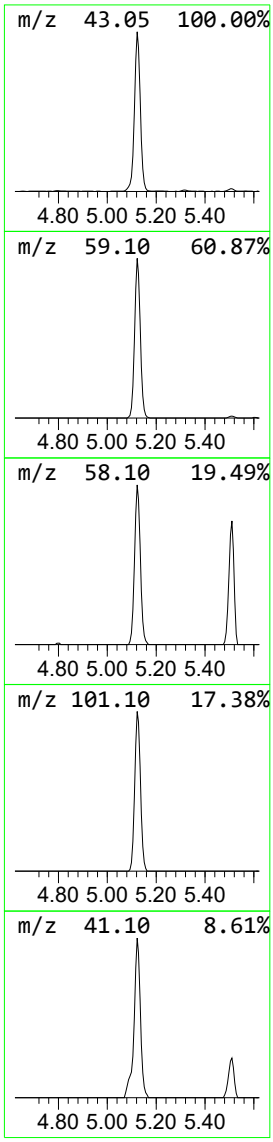
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.122 | 13.76 ng | 420172 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 3 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 25 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

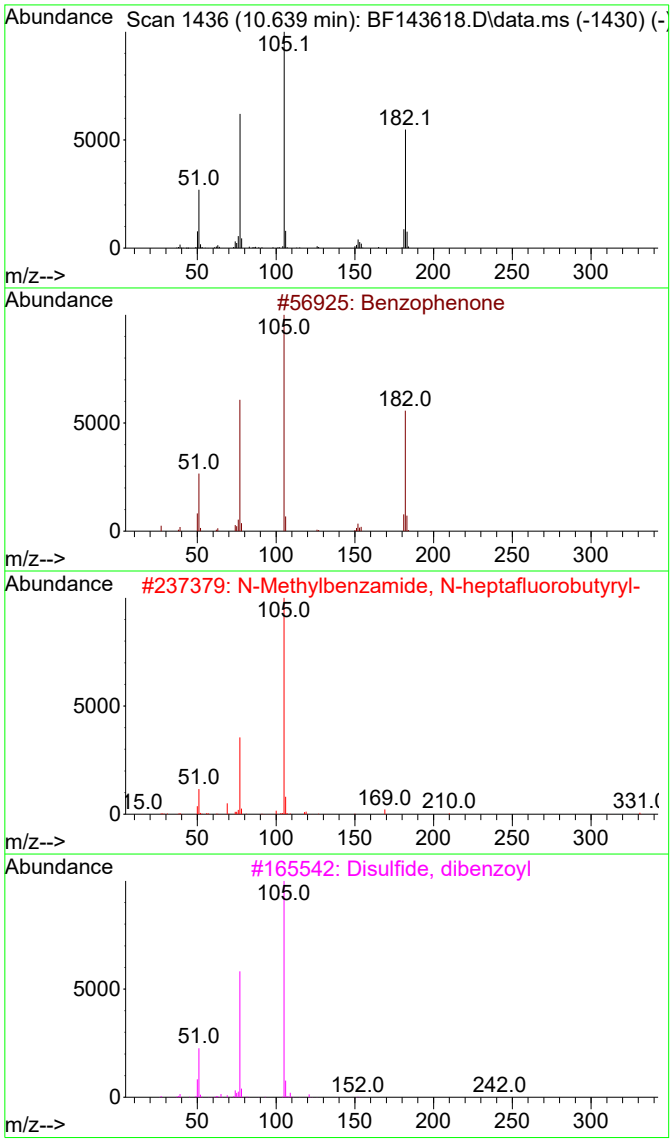
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

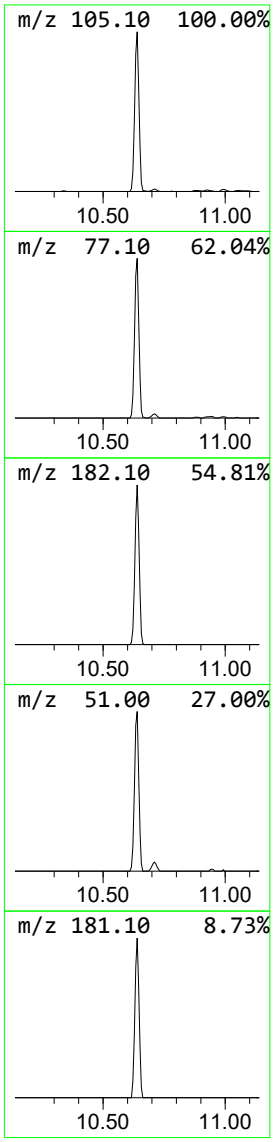
**********

Peak Number 3 Benzophenone Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.639 | 5.56 ng | 264221 | Acenaphthene-d10 | 9.922 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | N-Methylbenzamide, N-heptafluoro... | 331 | C12H8F7NO2 | 1000446-97-2 | 47 |
| 3 | Disulfide, dibenzoyl | 274 | C14H10O2S2 | 000644-32-6 | 47 |
| 4 | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2 | 1000446-91-5 | 47 |
| 5 | N-Methoxy-N-methylbenzamide | 165 | C9H11NO2 | 006919-61-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

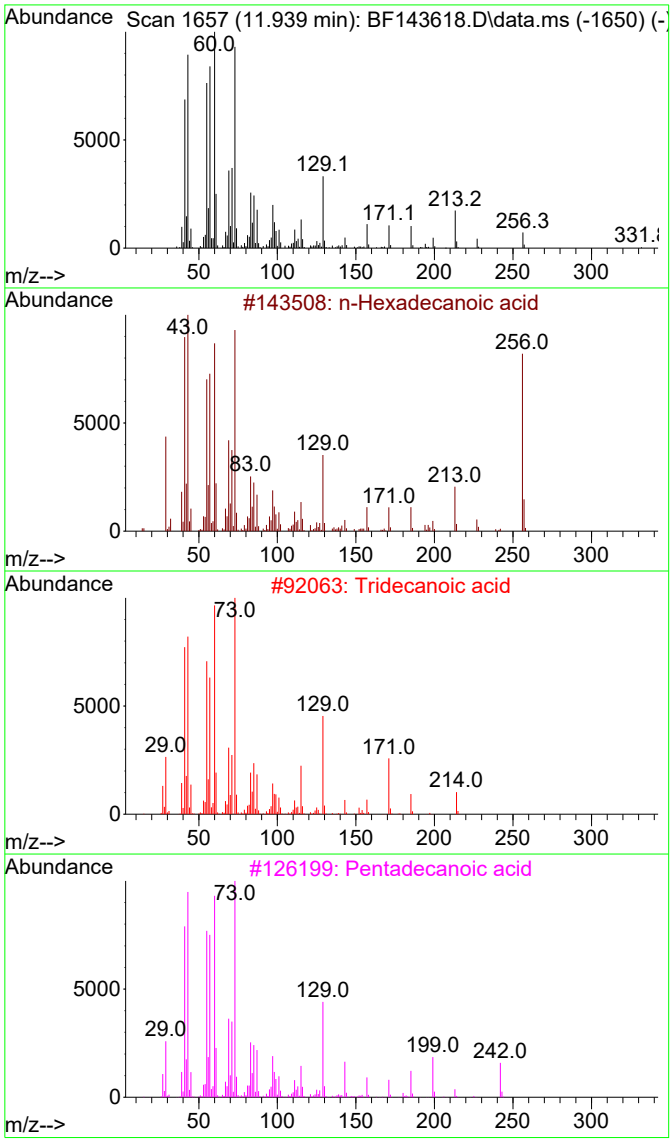
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

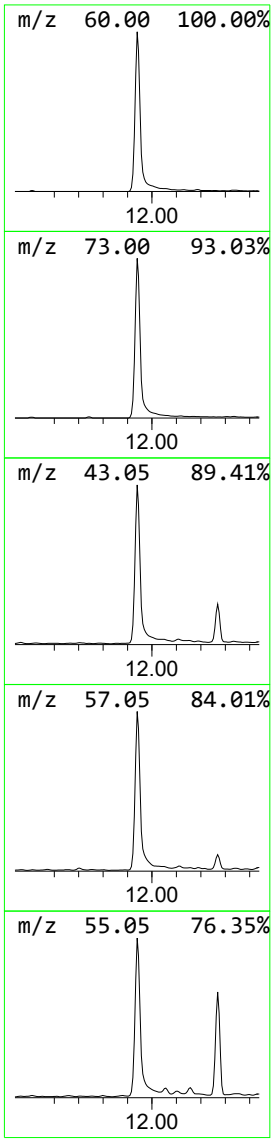
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.939 | 16.81 ng | 787318 | Phenanthrene-d10 | 11.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 5 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

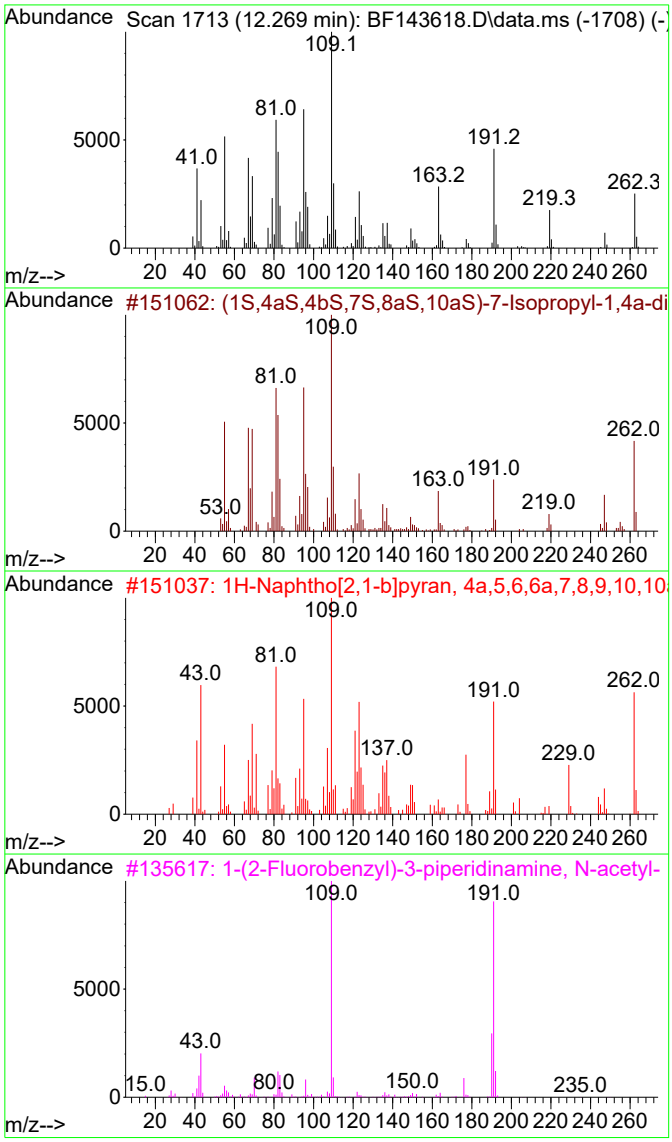
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

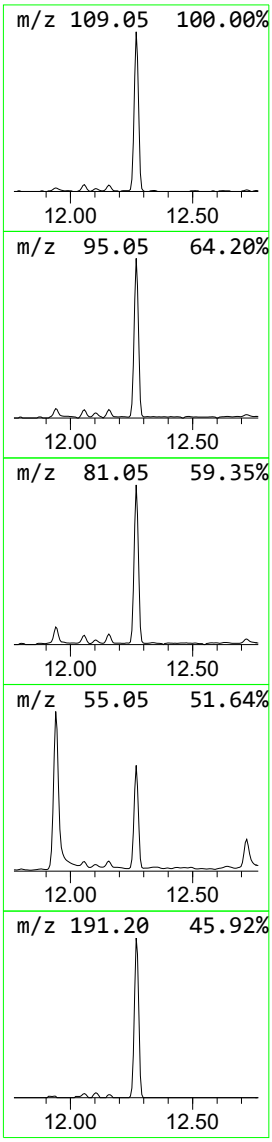
**********

Peak Number 5 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.269 | 11.71 ng | 548748 | Phenanthrene-d10 | 11.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (1S,4aS,4bS,7S,8aS,10aS)-7-Isopr... | 262 | C19H34 | 002221-95-6 | 93 |
| 2 | 1H-Naphtho[2,1-b]pyran, 4a,5,6,6... | 262 | C18H30O | 005153-92-4 | 41 |
| 3 | 1-(2-Fluorobenzyl)-3-piperidinam... | 250 | C14H19FN2O | 1553478-80-0 | 38 |
| 4 | 1,2-Benzooxazine,2-cyclohexyl-4-... | 262 | C16H26N2O | 037898-39-8 | 30 |
| 5 | 2-Hydroxy-4,4,6-trimethylcyclohe... | 152 | C9H12O2 | 028750-52-9 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

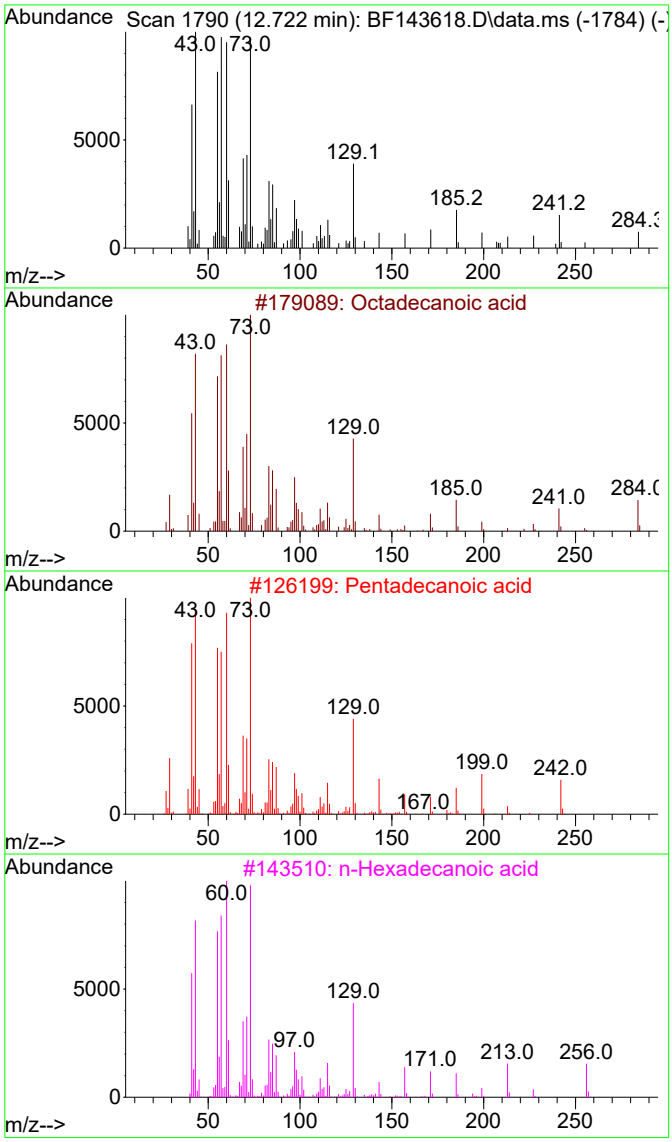
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

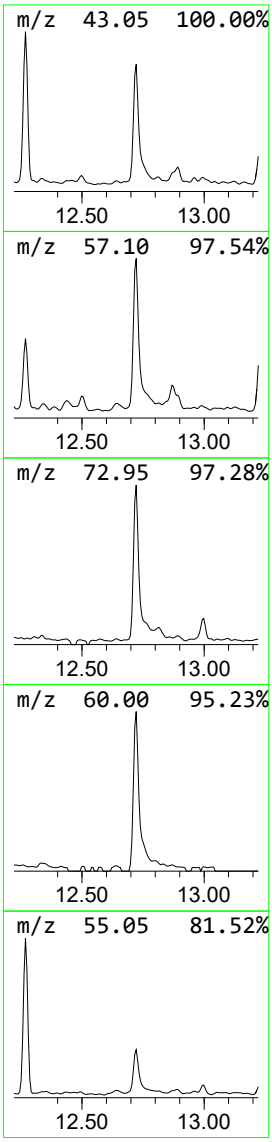
**********

Peak Number 6 Octadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.722 | 3.24 ng | 151738 | Phenanthrene-d10 | 11.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 80 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

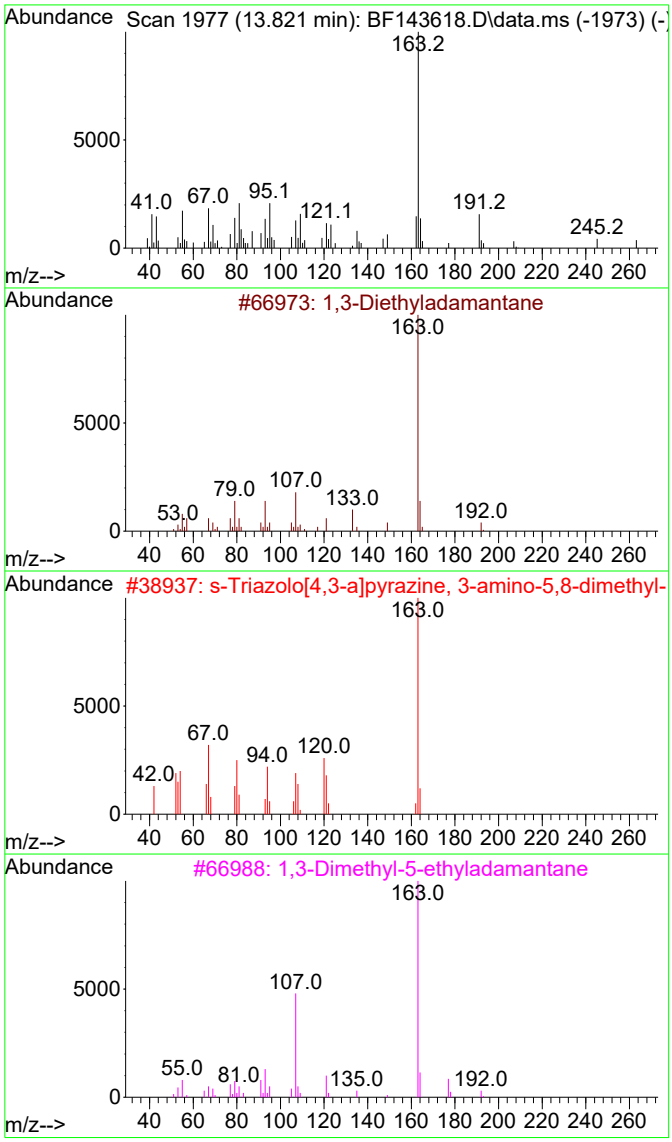
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

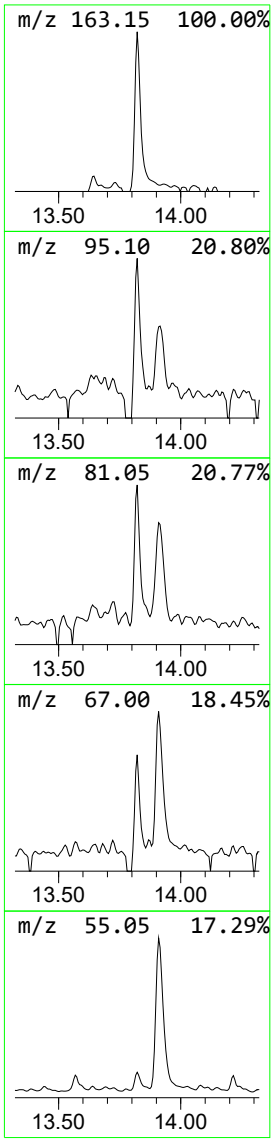
**********

Peak Number 7 1,3-Diethyladamantane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.821 | 2.99 ng | 76931 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Diethyladamantane | 192 | C14H24 | 025074-51-5 | 58 |
| 2 | s-Triazolo[4,3-a]pyrazine, 3-ami... | 163 | C7H9N5 | 019855-02-8 | 50 |
| 3 | 1,3-Dimethyl-5-ethyladamantane | 192 | C14H24 | 001687-35-0 | 50 |
| 4 | 2-Amino-5-methoxybenzimidazole | 163 | C8H9N3O | 006232-91-3 | 49 |
| 5 | 2,3-Benzofurandione 2-monooxime | 163 | C8H5NO3 | 040701-27-7 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

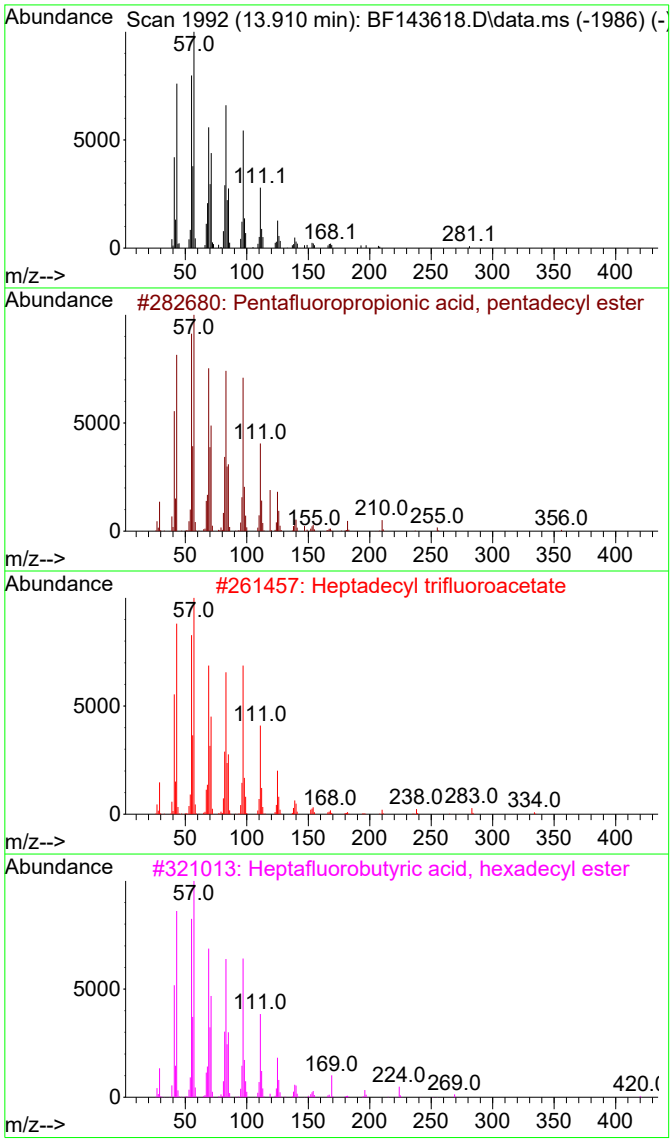
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

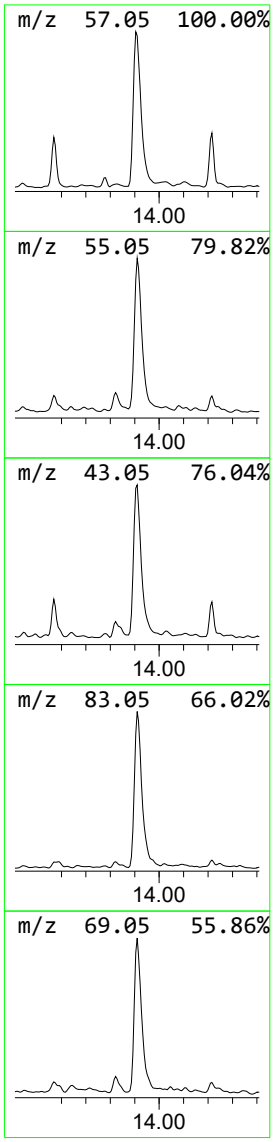
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.910 | 9.95 ng | 256379 | Chrysene-d12 | 14.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |
| 2 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1010351-87-0 | 94 |
| 3 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 94 |
| 4 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 94 |
| 5 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143618.D
Acq On : 28 Aug 2025 19:13
Operator : RC/JU
Sample : Q2971-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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 |
| Propane, 1,1-di... | 2.305 | 2.5 | ng | 77826 | 1 | 6.892 | 610511 | 20.0 |
| 2-Pentanone, 4-... | 5.122 | 13.8 | ng | 420172 | 1 | 6.892 | 610511 | 20.0 |
| Benzophenone | 10.639 | 5.6 | ng | 264221 | 3 | 9.922 | 950346 | 20.0 |
| n-Hexadecanoic ... | 11.939 | 16.8 | ng | 787318 | 4 | 11.410 | 937001 | 20.0 |
| (1S,4aS,4bS,7S,... | 12.269 | 11.7 | ng | 548748 | 4 | 11.410 | 937001 | 20.0 |
| Octadecanoic acid | 12.722 | 3.2 | ng | 151738 | 4 | 11.410 | 937001 | 20.0 |
| 1,3-Diethyladam... | 13.821 | 3.0 | ng | 76931 | 5 | 14.045 | 515098 | 20.0 |
| Pentafluoroprop... | 13.910 | 9.9 | ng | 256379 | 5 | 14.045 | 515098 | 20.0 |