LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131341.D
Acq On : 22 Nov 2022 21:12
Operator : CG\JU
Sample : N5709-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-SAMPLE-TANK-12-31-32-33

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131341.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.275 | 23 | 32 | 37 | rBV | 2453161 | 3303001 | 100.00% | 17.053% |
| 2 | 5.175 | 521 | 525 | 532 | rVB | 138601 | 146723 | 4.44% | 0.758% |
| 3 | 5.569 | 587 | 592 | 595 | rBV | 1359208 | 1252367 | 37.92% | 6.466% |
| 4 | 6.569 | 758 | 762 | 765 | rBV | 899570 | 762588 | 23.09% | 3.937% |
| 5 | 6.781 | 795 | 798 | 805 | rBV | 86210 | 102806 | 3.11% | 0.531% |
| 6 | 6.963 | 825 | 829 | 832 | rBV | 743799 | 575605 | 17.43% | 2.972% |
| 7 | 7.528 | 920 | 925 | 928 | rBV | 1855822 | 1808892 | 54.77% | 9.339% |
| 8 | 8.251 | 1044 | 1048 | 1051 | rBV | 918292 | 734732 | 22.24% | 3.793% |
| 9 | 9.333 | 1227 | 1232 | 1235 | rBV | 3605313 | 3149719 | 95.36% | 16.262% |
| 10 | 10.016 | 1344 | 1348 | 1351 | rBV | 1056187 | 825747 | 25.00% | 4.263% |
| 11 | 10.733 | 1467 | 1470 | 1474 | rVB | 83854 | 65044 | 1.97% | 0.336% |
| 12 | 10.810 | 1478 | 1483 | 1486 | rBV | 1920390 | 1763117 | 53.38% | 9.103% |
| 13 | 11.510 | 1598 | 1602 | 1605 | rBV | 878405 | 788448 | 23.87% | 4.071% |
| 14 | 11.616 | 1616 | 1620 | 1622 | rBV | 48797 | 42585 | 1.29% | 0.220% |
| 15 | 12.033 | 1687 | 1691 | 1697 | rBV | 242681 | 220371 | 6.67% | 1.138% |
| 16 | 12.292 | 1732 | 1735 | 1738 | rBV | 100732 | 88728 | 2.69% | 0.458% |
| 17 | 12.686 | 1799 | 1802 | 1806 | rBV | 84740 | 71744 | 2.17% | 0.370% |
| 18 | 12.827 | 1822 | 1826 | 1834 | rVB | 151865 | 159493 | 4.83% | 0.823% |
| 19 | 13.110 | 1869 | 1874 | 1877 | rBV | 2697463 | 2412934 | 73.05% | 12.458% |
| 20 | 14.168 | 2050 | 2054 | 2065 | rVB | 510756 | 527623 | 15.97% | 2.724% |
| 21 | 14.809 | 2159 | 2163 | 2168 | rBV | 58954 | 60354 | 1.83% | 0.312% |
| 22 | 15.709 | 2310 | 2316 | 2321 | rBV | 397965 | 506061 | 15.32% | 2.613% |

Sum of corrected areas: 19368682

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Misc :
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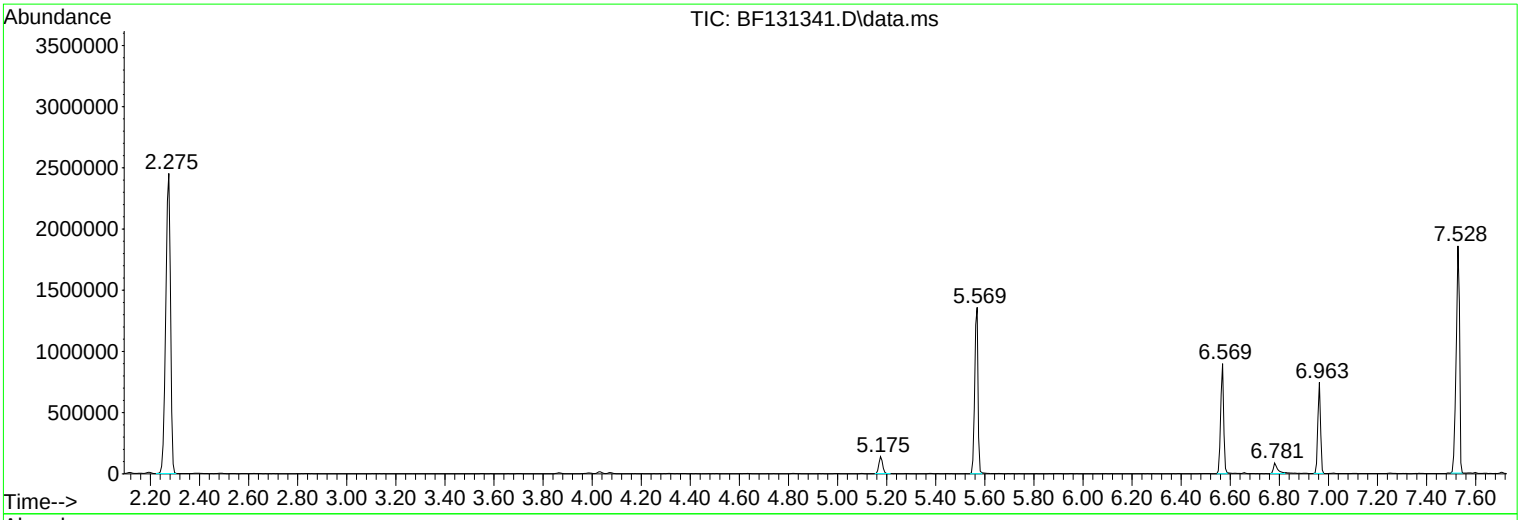
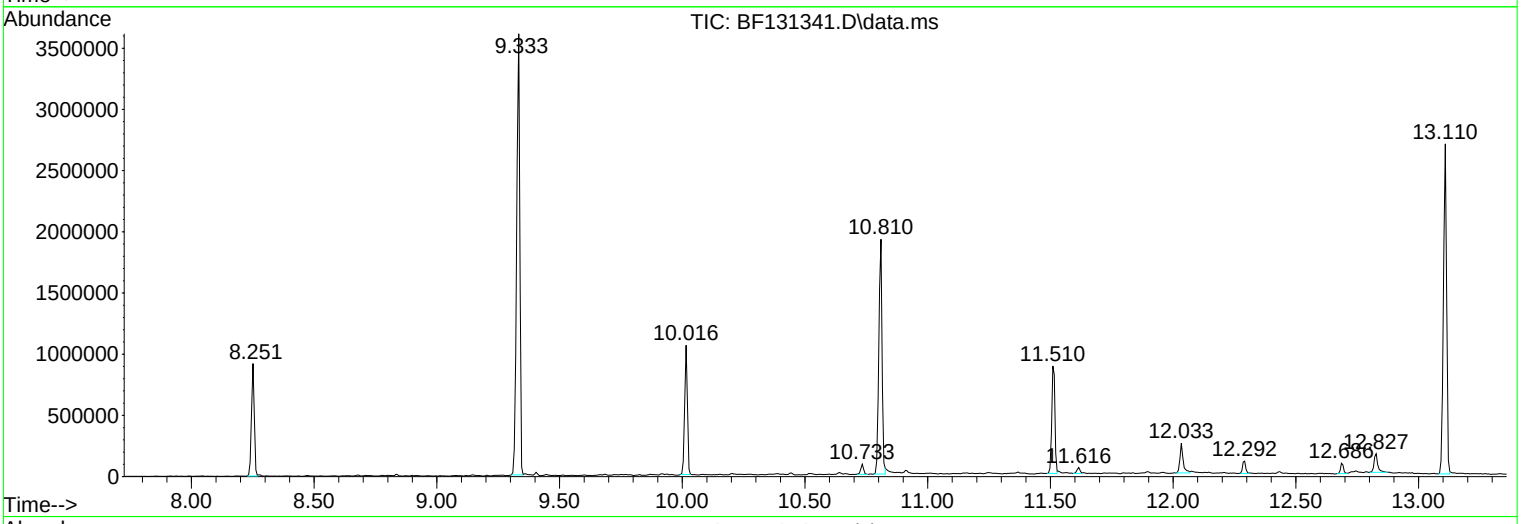
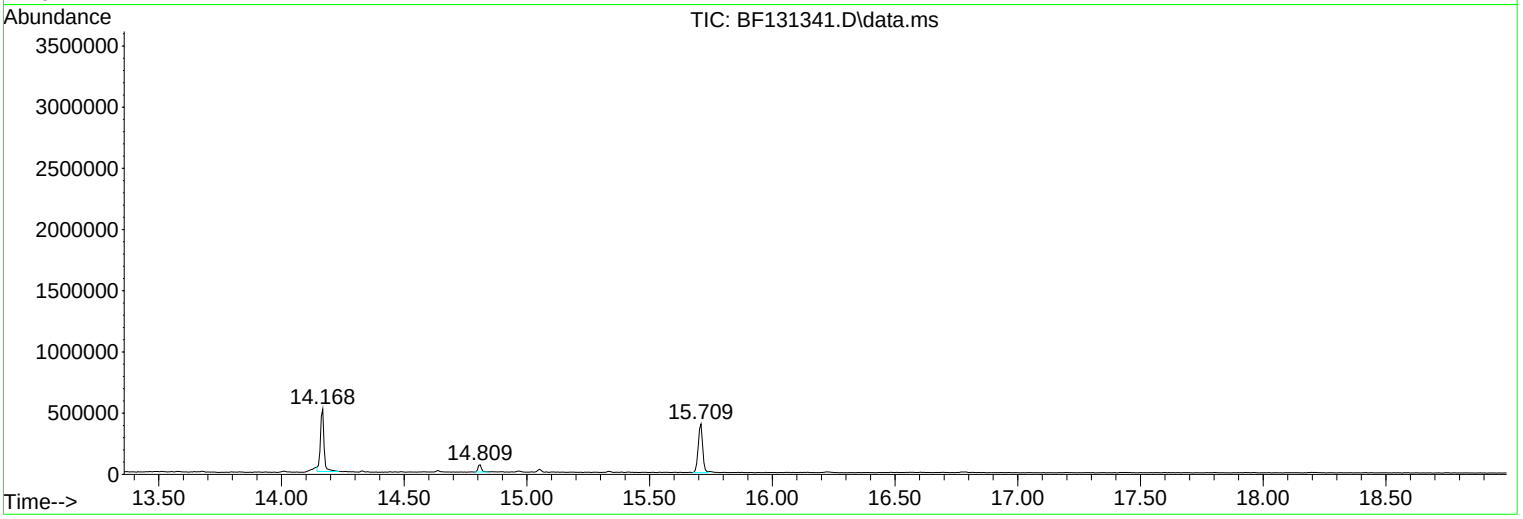
**ClientSampleId :**
COMP-SAMPLE-TANK-12-31-32-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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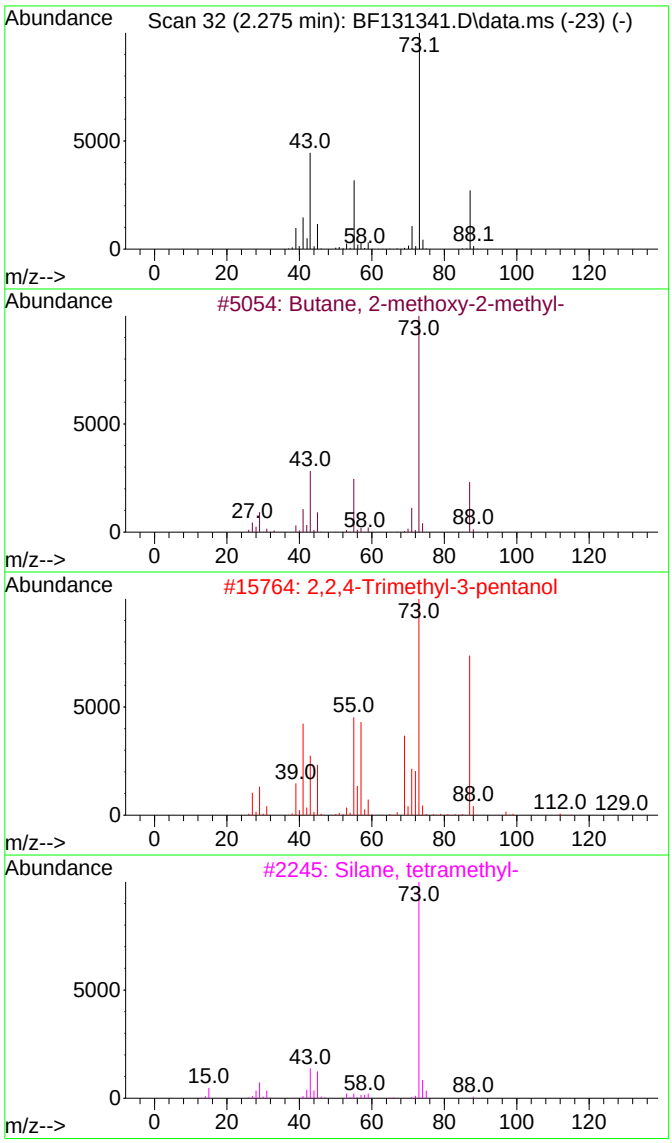
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

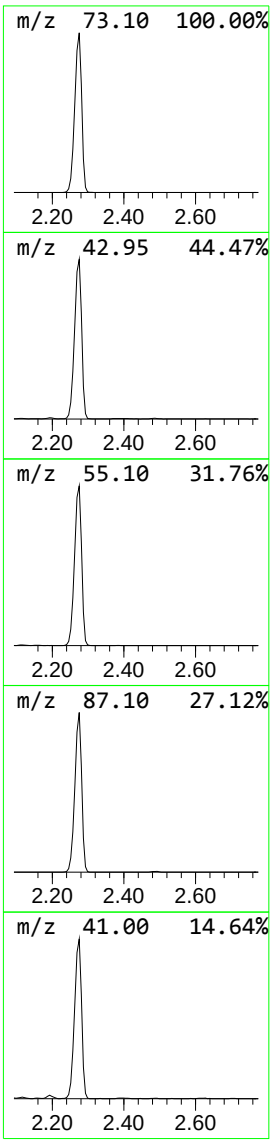
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.275 | 114.77 ng | 3303000 | 1,4-Dichlorobenzene-d4 | 6.963 |

| 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 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 35 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



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Operator : CG\JU
Sample : N5709-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-SAMPLE-TANK-12-31-32-33

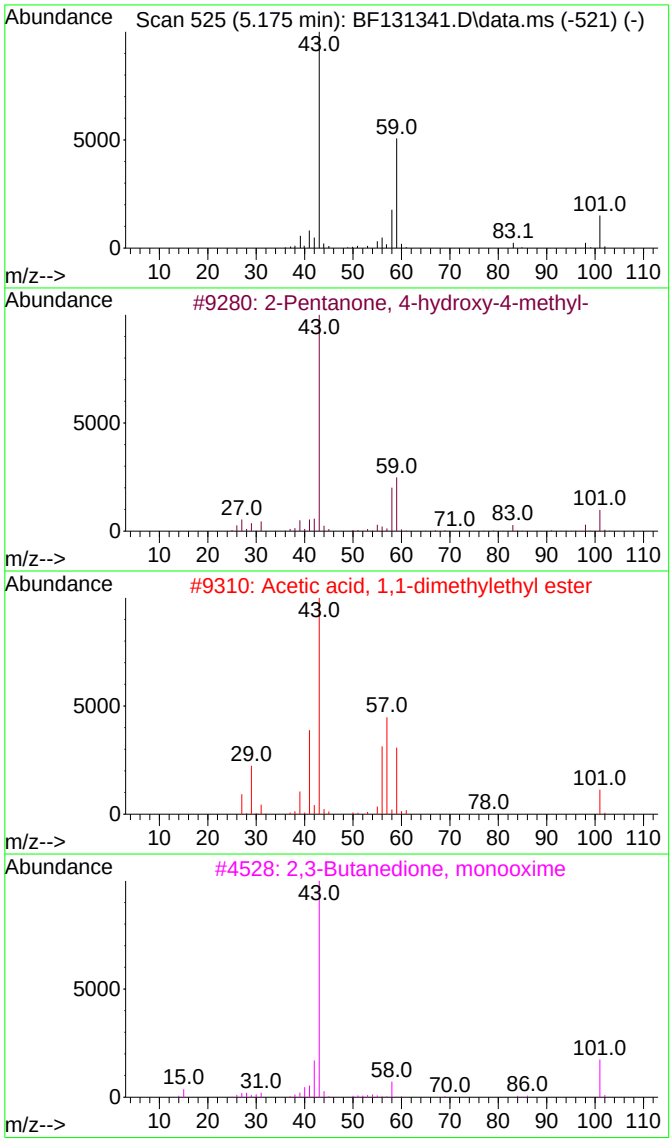
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

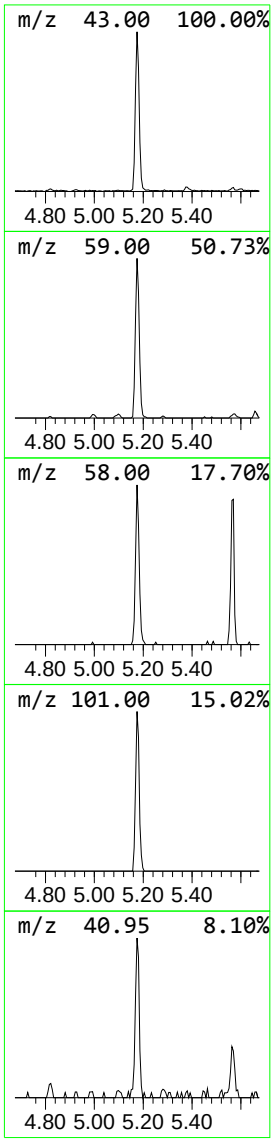
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.175 | 5.10 ng | 146723 | 1,4-Dichlorobenzene-d4 | 6.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 28 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |
| 5 | Propanenitrile, 3-ethoxy- | 99 | C5H9NO | 002141-62-0 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131341.D
Acq On : 22 Nov 2022 21:12
Operator : CG\JU
Sample : N5709-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-SAMPLE-TANK-12-31-32-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

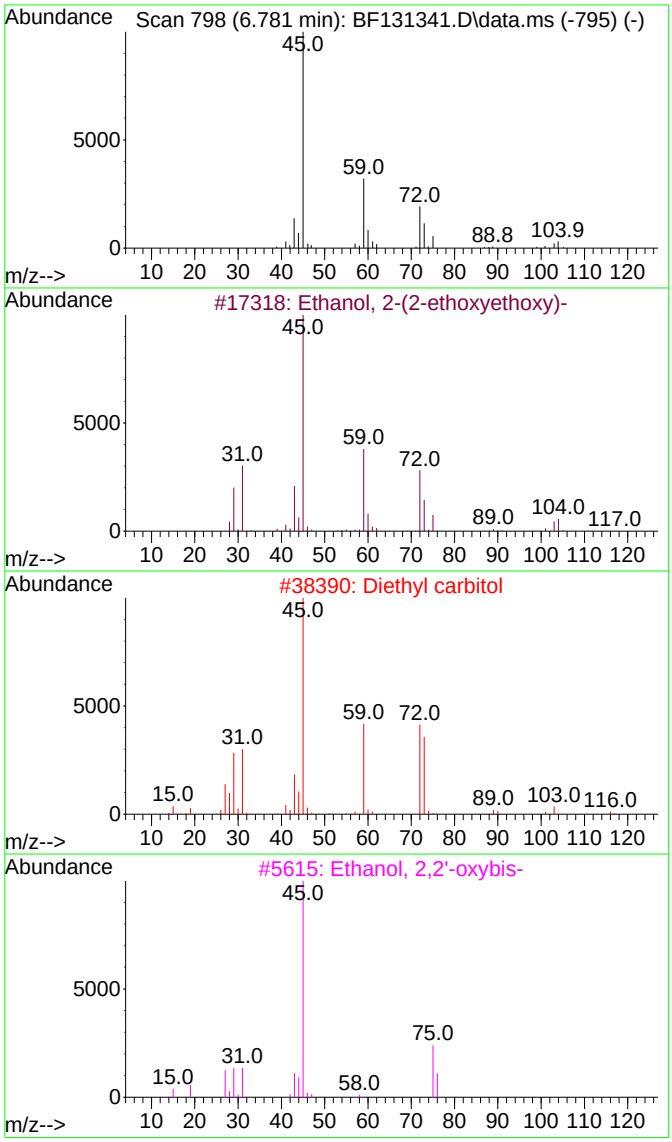
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

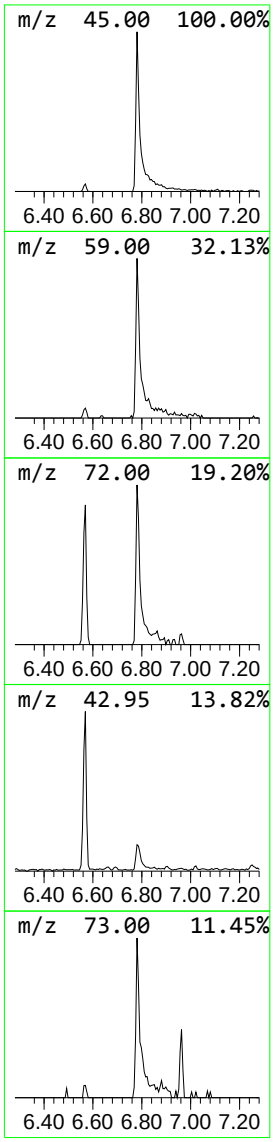
**********

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.781 | 3.57 ng | 102806 | 1,4-Dichlorobenzene-d4 | 6.963 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 83 |
| 2 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 78 |
| 3 | Ethanol, 2,2'-oxybis- | 106 | C4H10O3 | 000111-46-6 | 38 |
| 4 | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 38 |
| 5 | Carbonic acid, dimethyl ester | 90 | C3H6O3 | 000616-38-6 | 36 |



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Acq On : 22 Nov 2022 21:12
Operator : CG\JU
Sample : N5709-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-SAMPLE-TANK-12-31-32-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

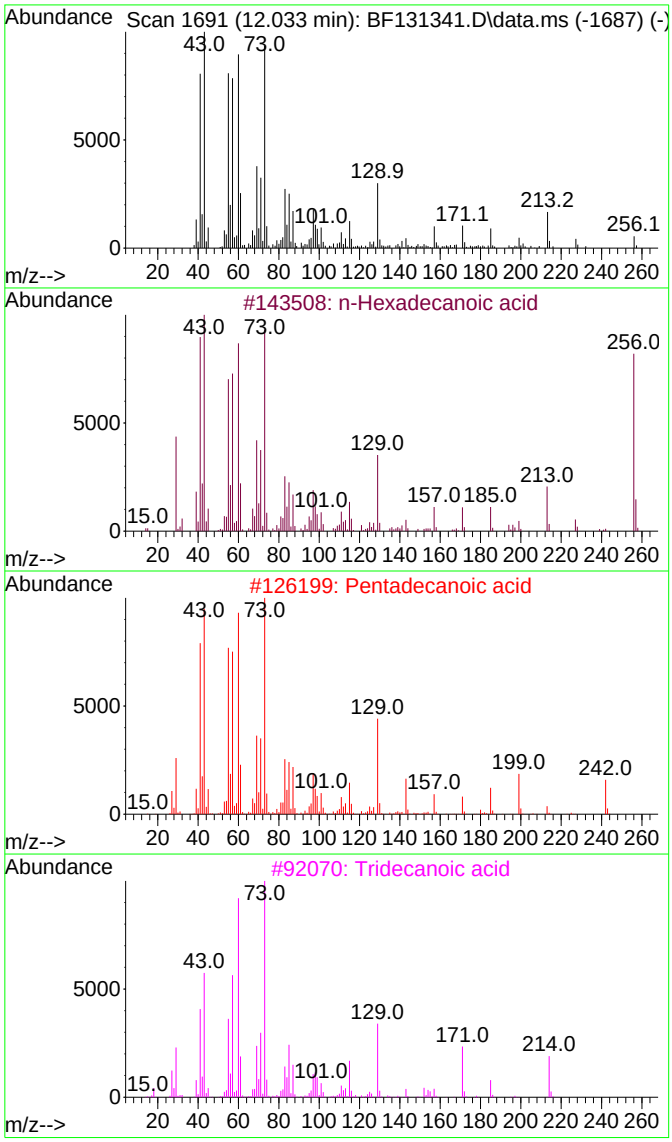
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

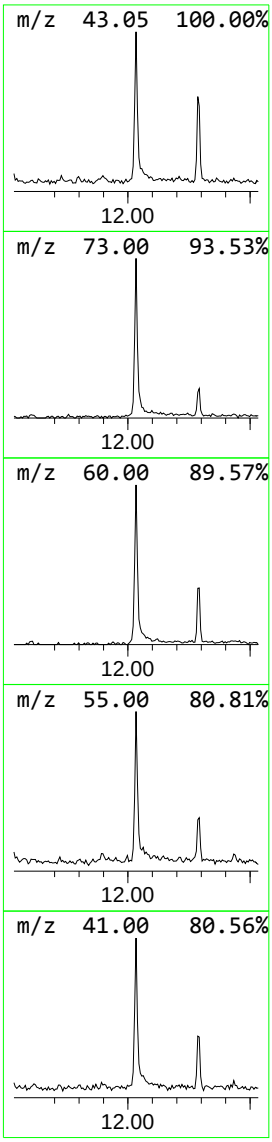
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.033 | 5.59 ng | 220371 | Phenanthrene-d10 | 11.510 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 81 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 70 |



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Data File : BF131341.D
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Operator : CG\JU
Sample : N5709-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-SAMPLE-TANK-12-31-32-33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

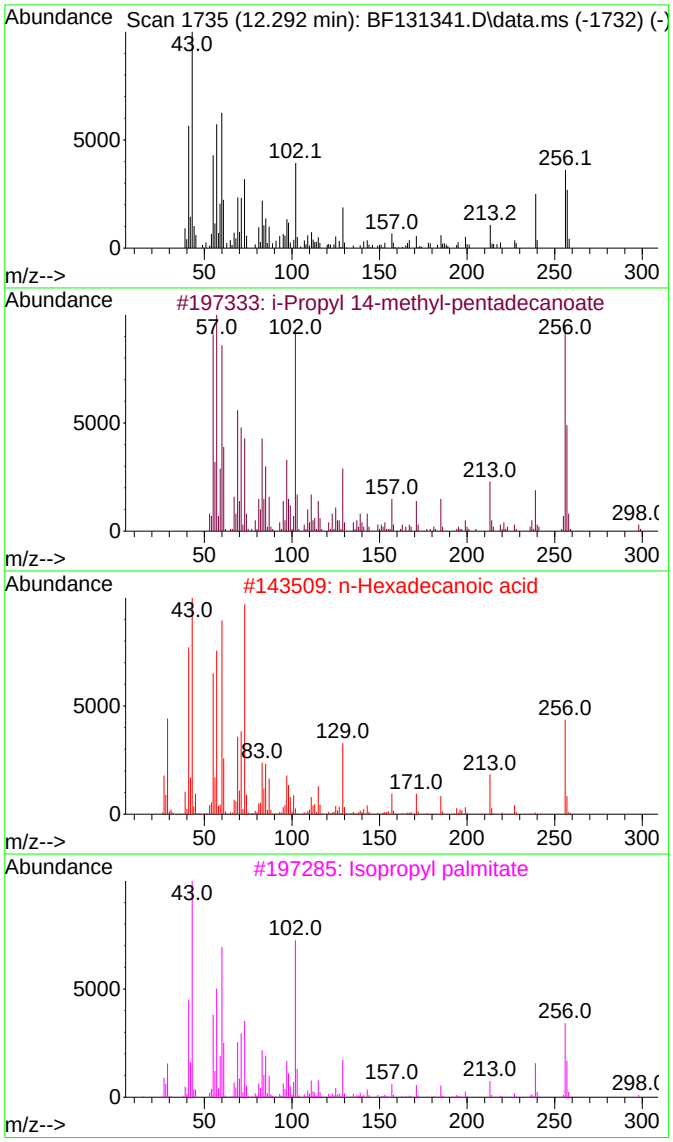
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

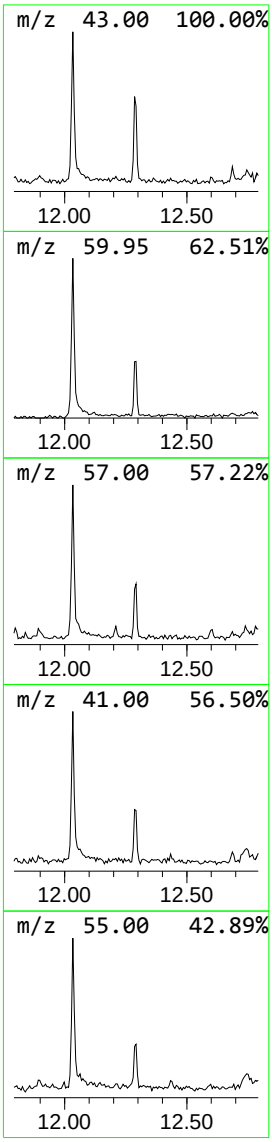
**********

Peak Number 5 i-Propyl 14-methyl-pentadec... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.292 | 2.25 ng | 88728 | Phenanthrene-d10 | 11.510 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | i-Propyl 14-methyl-pentadecanoate | 298 | C19H38O2 | 1000336-62-4 | 81 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74 |
| 3 | Isopropyl palmitate | 298 | C19H38O2 | 000142-91-6 | 52 |
| 4 | n-Capric acid isopropyl ester | 214 | C13H26O2 | 002311-59-3 | 47 |
| 5 | .alpha.-D-Galactopyranoside, methyl | 194 | C7H14O6 | 003396-99-4 | 27 |



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ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

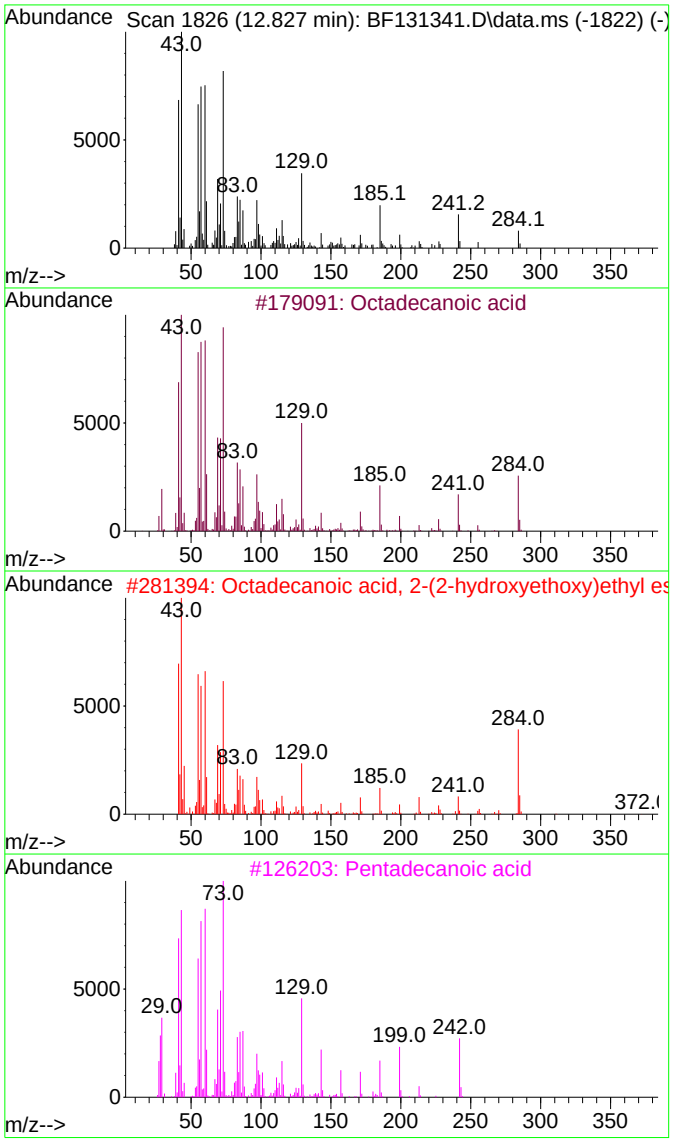
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

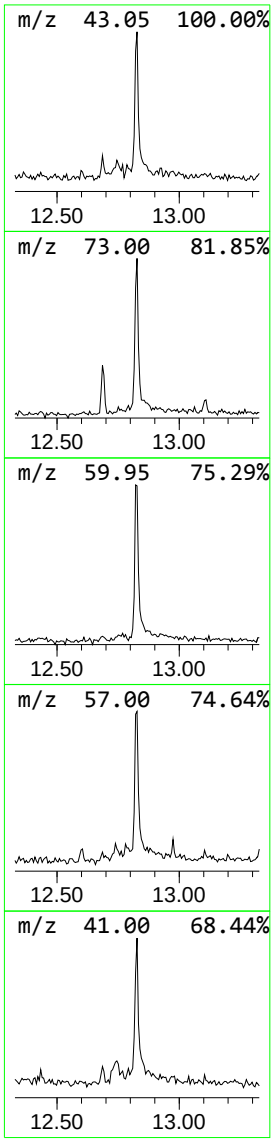
**********

Peak Number 6 Octadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.827 | 4.05 ng | 159493 | Phenanthrene-d10 | 11.510 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |
| 2 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 83 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 62 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 53 |



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Sample : N5709-01
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ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
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TIC Library : C:\Database\NIST20.L
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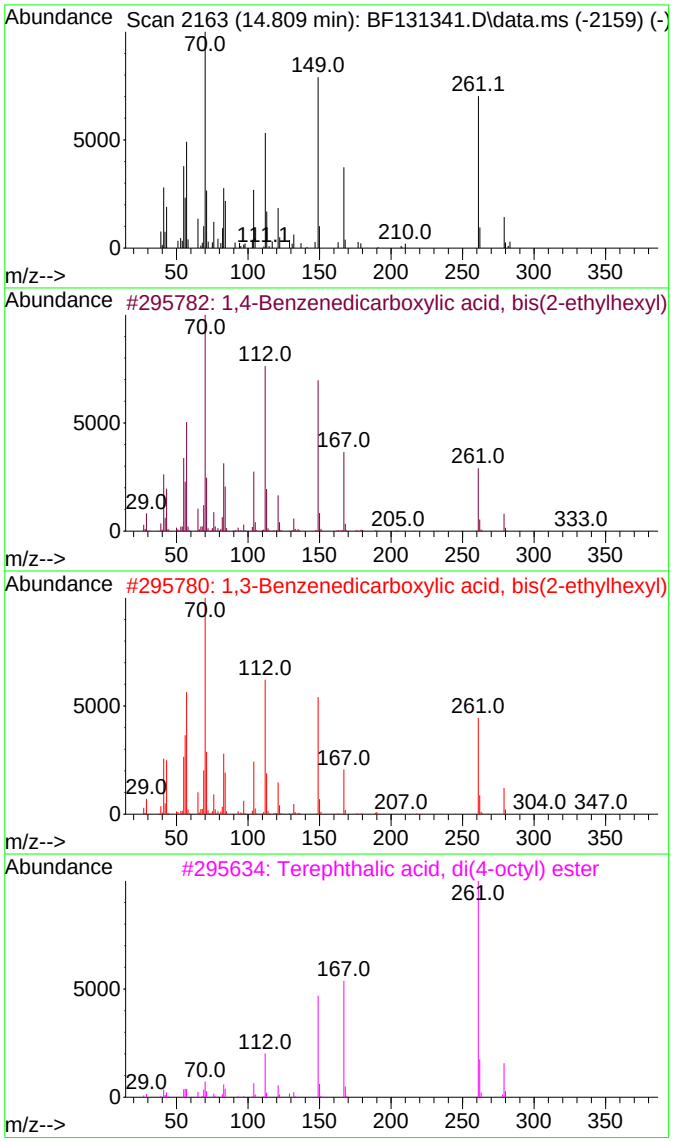
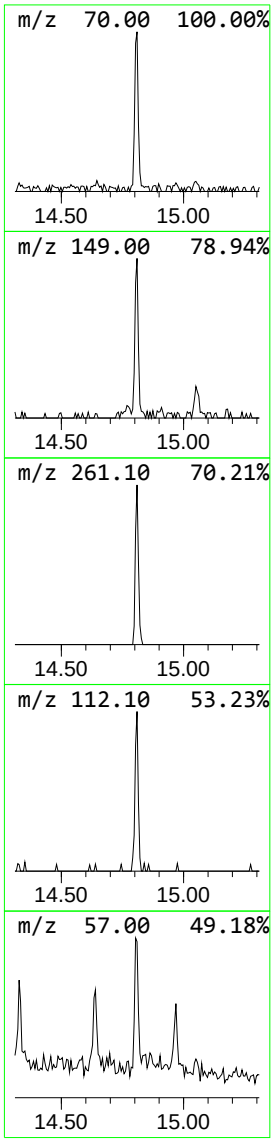
**********

Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.809 | 2.29 ng | 60354 | Chrysene-d12 | 14.168 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 006422-86-2 | 90 |
| 2 | 1,3-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 000137-89-3 | 58 |
| 3 | Terephthalic acid, di(4-octyl) e... | 390 | C24H38O4 | 1000323-74-2 | 49 |
| 4 | Bis(2-ethylhexyl) phthalate | 390 | C24H38O4 | 000117-81-7 | 35 |
| 5 | Isophthalic acid, di(4-octyl) ester | 390 | C24H38O4 | 1000344-04-3 | 27 |



Tentatively Identified Compound (LSC) summary

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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... | 2.275 | 114.8 | ng | 3303000 | 1 | 6.963 | 575605 | 20.0 |
| 2-Pentanone, 4-... | 5.175 | 5.1 | ng | 146723 | 1 | 6.963 | 575605 | 20.0 |
| Ethanol, 2-(2-e... | 6.781 | 3.6 | ng | 102806 | 1 | 6.963 | 575605 | 20.0 |
| n-Hexadecanoic ... | 12.033 | 5.6 | ng | 220371 | 4 | 11.510 | 788448 | 20.0 |
| i-Propyl 14-met... | 12.292 | 2.3 | ng | 88728 | 4 | 11.510 | 788448 | 20.0 |
| Octadecanoic acid | 12.827 | 4.0 | ng | 159493 | 4 | 11.510 | 788448 | 20.0 |
| 1,4-Benzenedica... | 14.809 | 2.3 | ng | 60354 | 5 | 14.168 | 527623 | 20.0 |