LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024444.D
Acq On : 28 Apr 2025 19:45
Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-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_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024444.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.875 | 299 | 304 | 316 | rVB | 204119 | 298546 | 2.82% | 0.634% |
| 2 | 5.334 | 376 | 382 | 398 | rBV | 2267996 | 3268765 | 30.84% | 6.940% |
| 3 | 6.904 | 640 | 649 | 668 | rBV | 2301721 | 3702818 | 34.93% | 7.862% |
| 4 | 7.716 | 778 | 787 | 796 | rBV | 508036 | 781039 | 7.37% | 1.658% |
| 5 | 8.857 | 974 | 981 | 993 | rBV | 1392178 | 2281595 | 21.53% | 4.844% |
| 6 | 10.487 | 1249 | 1258 | 1271 | rBV | 633742 | 1099899 | 10.38% | 2.335% |
| 7 | 12.951 | 1670 | 1677 | 1687 | rBV | 4562432 | 5918978 | 55.84% | 12.567% |
| 8 | 14.345 | 1905 | 1914 | 1927 | rBV | 899381 | 1528573 | 14.42% | 3.245% |
| 9 | 15.722 | 2142 | 2148 | 2155 | rBV | 601230 | 795725 | 7.51% | 1.689% |
| 10 | 15.851 | 2164 | 2170 | 2188 | rBV | 5035571 | 6183125 | 58.33% | 13.128% |
| 11 | 17.145 | 2383 | 2390 | 2404 | rVB2 | 1252651 | 1941173 | 18.31% | 4.121% |
| 12 | 18.086 | 2545 | 2550 | 2567 | rBV | 645445 | 1047931 | 9.89% | 2.225% |
| 13 | 18.527 | 2620 | 2625 | 2631 | rBV | 128161 | 159704 | 1.51% | 0.339% |
| 14 | 19.339 | 2751 | 2763 | 2772 | rBV | 680971 | 1445900 | 13.64% | 3.070% |
| 15 | 19.416 | 2772 | 2776 | 2790 | rVB | 335309 | 594010 | 5.60% | 1.261% |
| 16 | 19.868 | 2847 | 2853 | 2863 | rVB | 8376969 | 10599366 | 100.00% | 22.505% |
| 17 | 21.263 | 3086 | 3090 | 3101 | rVB2 | 306176 | 575795 | 5.43% | 1.223% |
| 18 | 21.592 | 3141 | 3146 | 3153 | rBV | 1594812 | 2400254 | 22.65% | 5.096% |
| 19 | 24.933 | 3706 | 3714 | 3727 | rVB | 969511 | 2475677 | 23.36% | 5.256% |

Sum of corrected areas: 47098873

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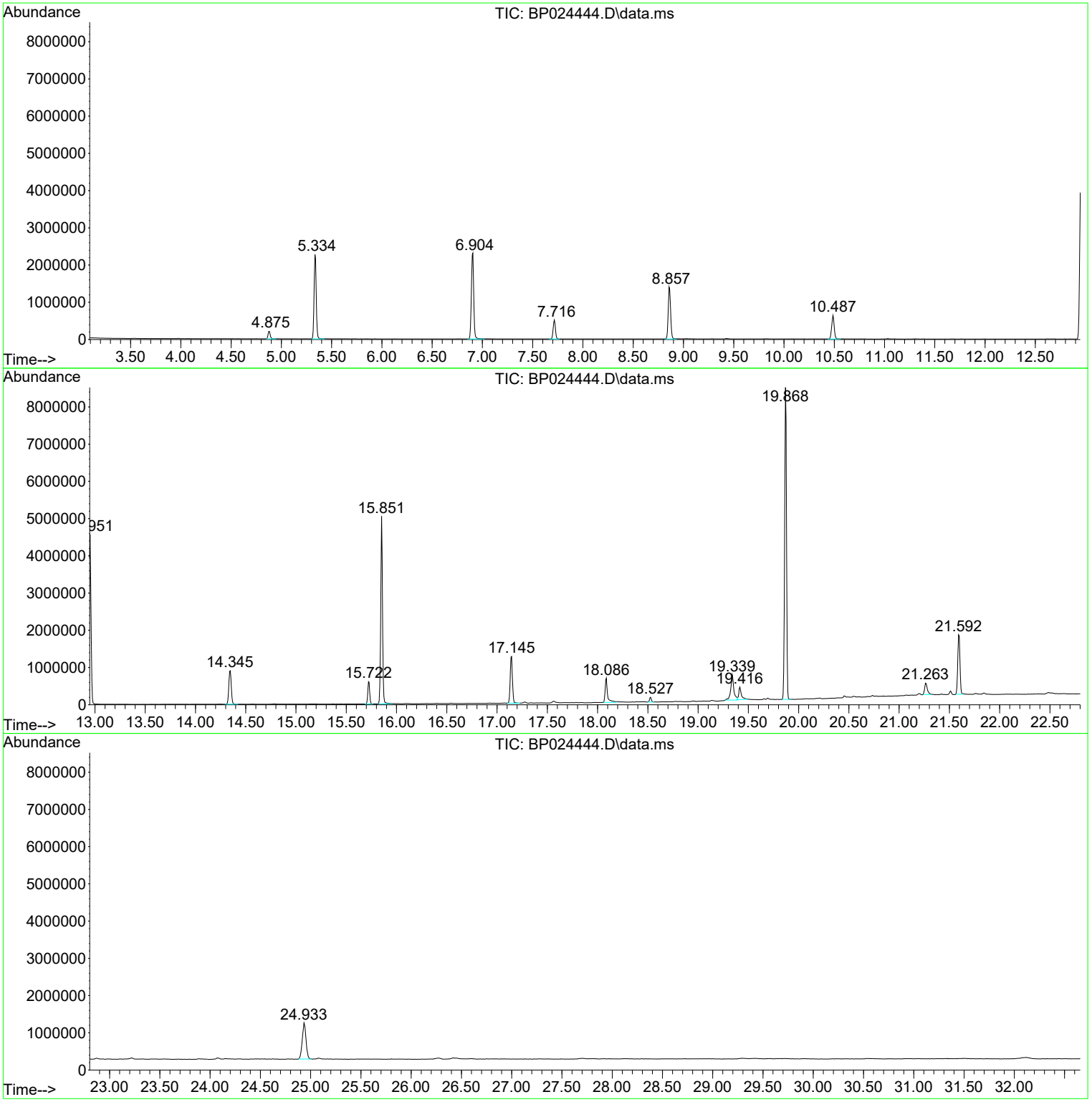
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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_P\Data\BP042825\
Data File : BP024444.D
Acq On : 28 Apr 2025 19:45
Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
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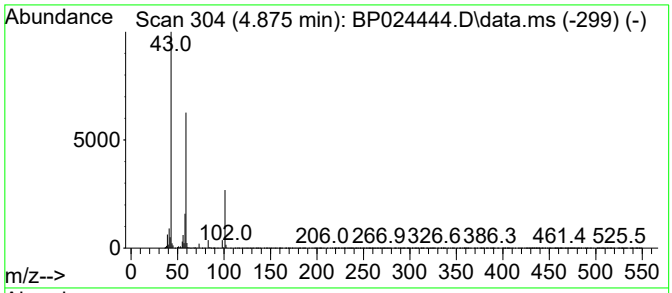
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

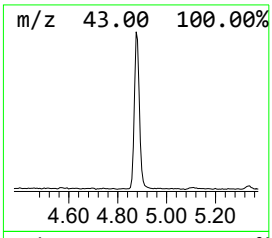
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

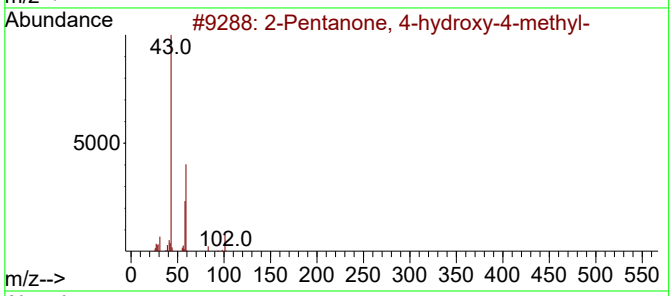
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

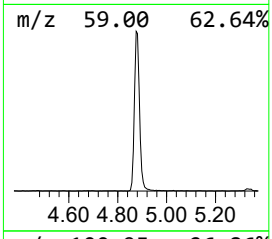
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.875 | 7.64 ng | 298546 | 1,4-Dichlorobenzene-d4 | 7.716 |

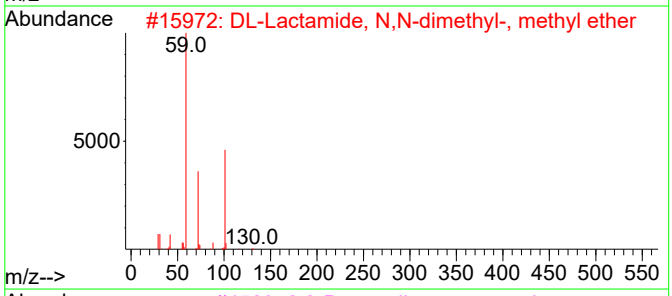
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | DL-Lactamide, N,N-dimethyl-, met... | 131 | C6H13NO2 | 1000452-57-0 | 38 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 25 |
| 4 | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3 | 053951-43-2 | 23 |
| 5 | Hexanamide | 115 | C6H13NO | 000628-02-4 | 12 |

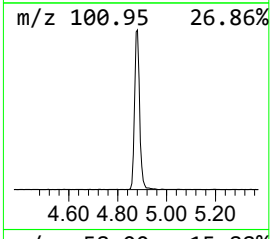


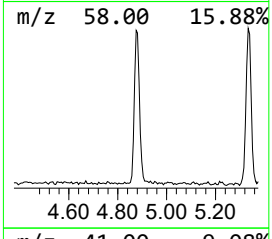



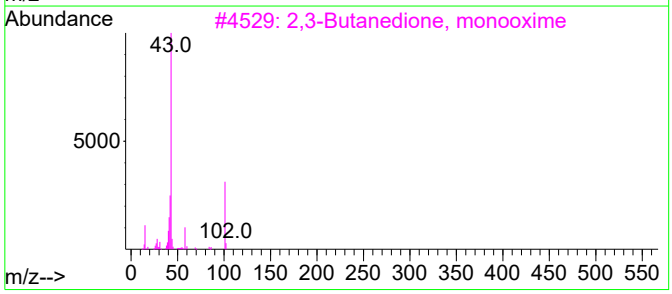



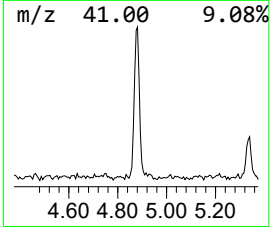



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Data File : BP024444.D
Acq On : 28 Apr 2025 19:45
Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

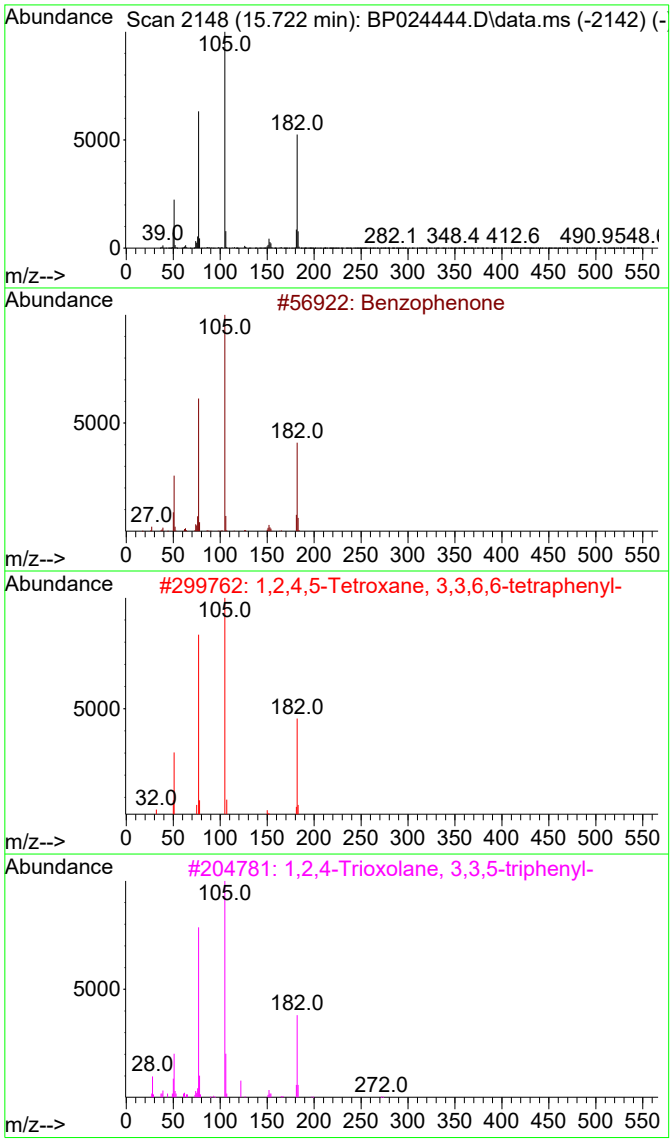
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

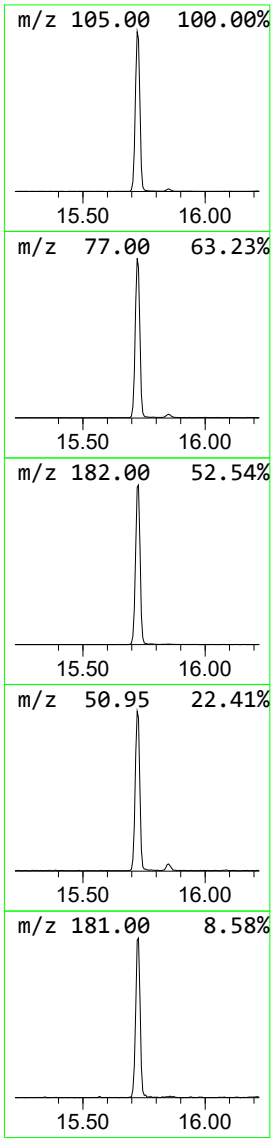
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.722 | 10.41 ng | 795725 | Acenaphthene-d10 | 14.345 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64 |
| 3 | 1,2,4-Trioxolane, 3,3,5-triphenyl- | 304 | C20H16O3 | 023246-12-0 | 64 |
| 4 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 50 |
| 5 | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024444.D
Acq On : 28 Apr 2025 19:45
Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

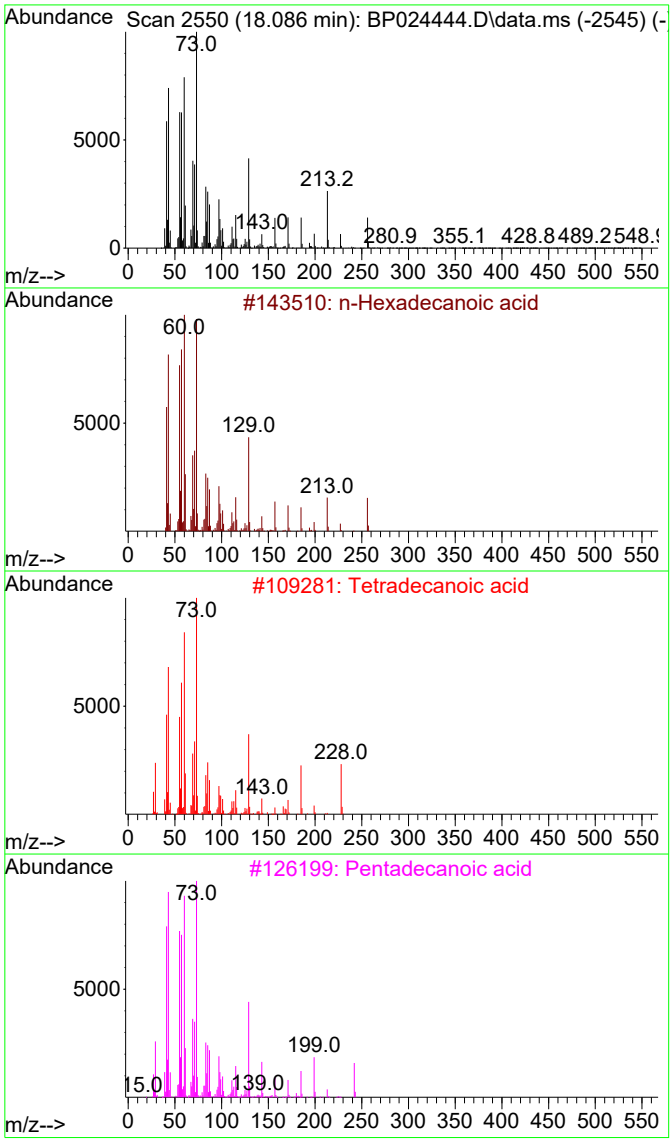
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

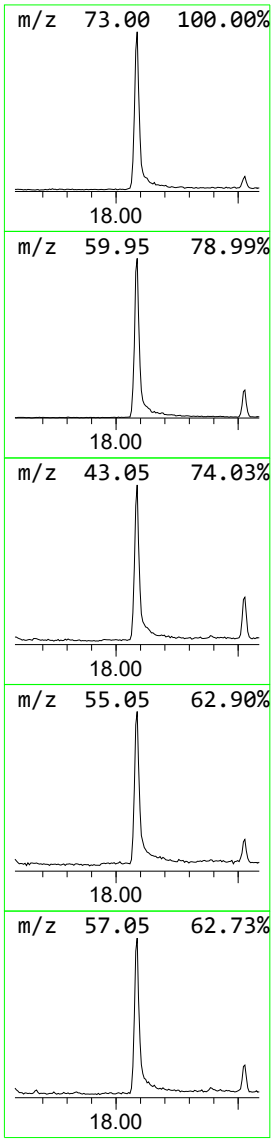
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.086 | 10.80 ng | 1047930 | Phenanthrene-d10 | 17.145 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024444.D
Acq On : 28 Apr 2025 19:45
Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

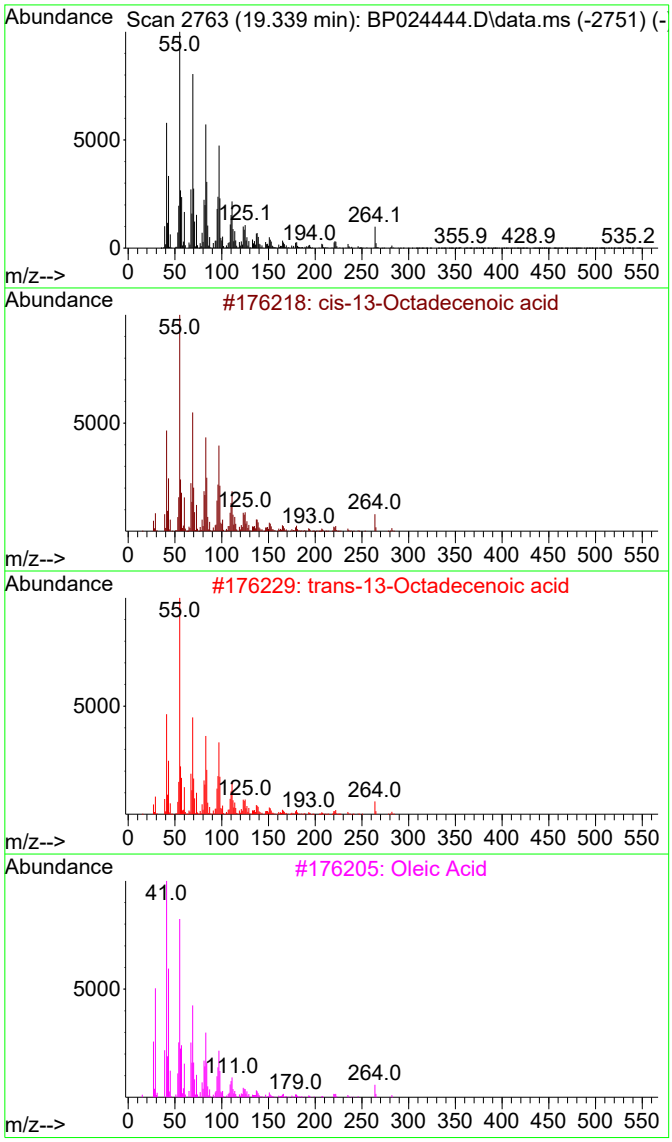
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

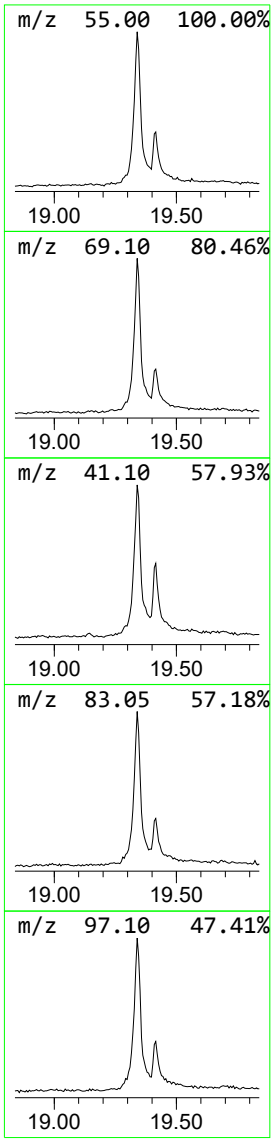
**********

Peak Number 4 cis-13-Octadecenoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.339 | 14.90 ng | 1445900 | Phenanthrene-d10 | 17.145 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-13-Octadecenoic acid | 282 | C18H34O2 | 013126-39-1 | 97 |
| 2 | trans-13-Octadecenoic acid | 282 | C18H34O2 | 000693-71-0 | 96 |
| 3 | Oleic Acid | 282 | C18H34O2 | 000112-80-1 | 96 |
| 4 | cis-Vaccenic acid | 282 | C18H34O2 | 000506-17-2 | 96 |
| 5 | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024444.D
Acq On : 28 Apr 2025 19:45
Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

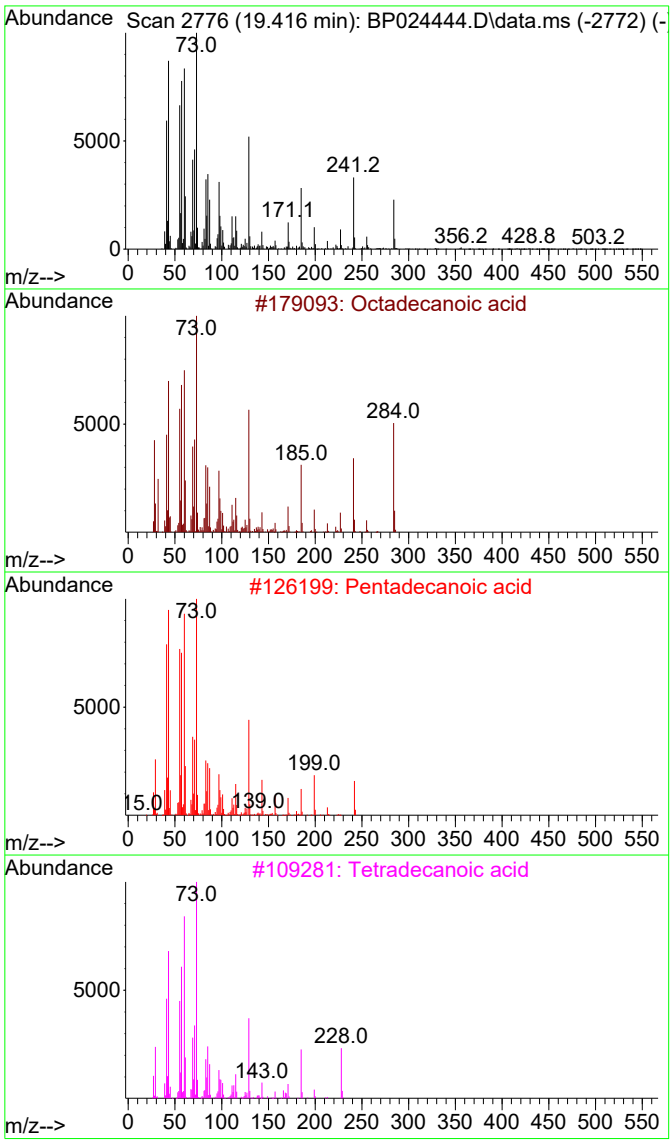
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

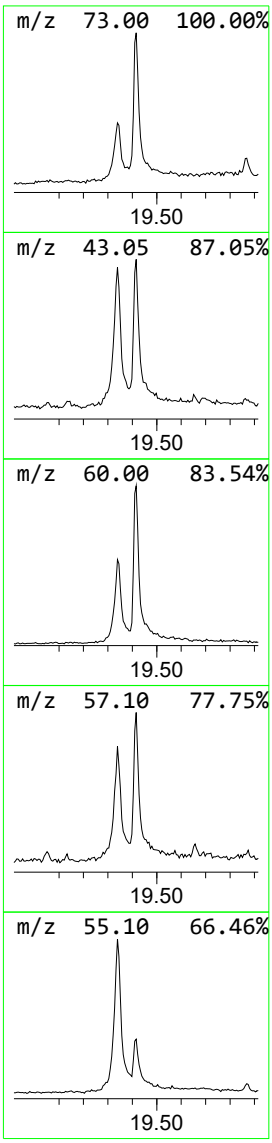
**********

Peak Number 5 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.416 | 4.95 ng | 594010 | Chrysene-d12 | 21.592 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 74 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74 |
| 5 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 64 |



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Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

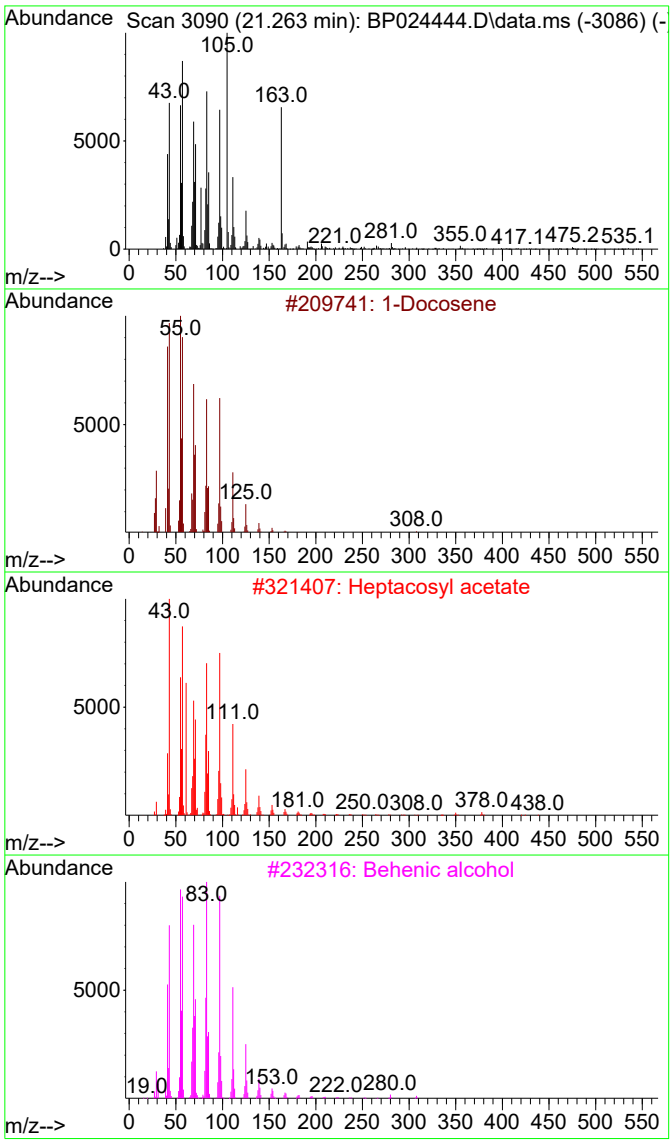
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

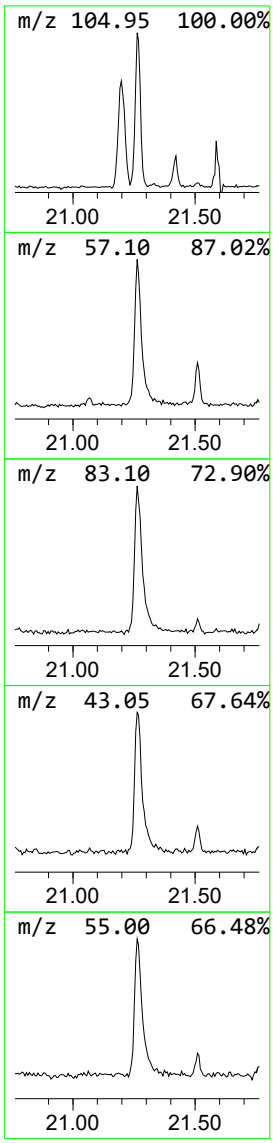
**********

Peak Number 6 1-Docosene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.262 | 4.80 ng | 575795 | Chrysene-d12 | 21.592 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 96 |
| 2 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 93 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 5 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024444.D
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Operator : RC/JU
Sample : Q1895-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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-... | 4.875 | 7.6 | ng | 298546 | 1 | 7.716 | 781039 | 20.0 |
| Benzophenone | 15.722 | 10.4 | ng | 795725 | 3 | 14.345 | 1528570 | 20.0 |
| n-Hexadecanoic ... | 18.086 | 10.8 | ng | 1047930 | 4 | 17.145 | 1941170 | 20.0 |
| cis-13-Octadece... | 19.339 | 14.9 | ng | 1445900 | 4 | 17.145 | 1941170 | 20.0 |
| Octadecanoic acid | 19.416 | 5.0 | ng | 594010 | 5 | 21.592 | 2400250 | 20.0 |
| 1-Docosene | 21.262 | 4.8 | ng | 575795 | 5 | 21.592 | 2400250 | 20.0 |