LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
Data File : BP024574.D
Acq On : 08 May 2025 18:58
Operator : RC/JU
Sample : Q1972-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WC-B-10

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: BP024574.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.516 | 69 | 73 | 84 | rBV | 54706 | 93057 | 1.36% | 0.279% |
| 2 | 4.869 | 296 | 303 | 317 | rBV | 185933 | 264295 | 3.86% | 0.791% |
| 3 | 5.328 | 374 | 381 | 398 | rBV | 1941901 | 2909374 | 42.52% | 8.711% |
| 4 | 6.893 | 639 | 647 | 667 | rBV | 1647907 | 2960613 | 43.27% | 8.865% |
| 5 | 7.698 | 776 | 784 | 793 | rBV | 510566 | 785046 | 11.47% | 2.351% |
| 6 | 8.845 | 972 | 979 | 998 | rBV | 1079904 | 1901806 | 27.80% | 5.694% |
| 7 | 10.469 | 1247 | 1255 | 1270 | rBV | 591264 | 1047128 | 15.30% | 3.135% |
| 8 | 11.222 | 1376 | 1383 | 1398 | rBV | 59933 | 168476 | 2.46% | 0.504% |
| 9 | 11.851 | 1480 | 1490 | 1501 | rBV2 | 91144 | 178601 | 2.61% | 0.535% |
| 10 | 12.939 | 1668 | 1675 | 1692 | rBV | 2768003 | 4122383 | 60.25% | 12.343% |
| 11 | 14.327 | 1906 | 1911 | 1923 | rVB | 863438 | 1317005 | 19.25% | 3.943% |
| 12 | 14.551 | 1941 | 1949 | 1953 | rBV3 | 56703 | 130920 | 1.91% | 0.392% |
| 13 | 15.845 | 2163 | 2169 | 2191 | rBV | 2449727 | 3819466 | 55.82% | 11.436% |
| 14 | 17.133 | 2381 | 2388 | 2403 | rBV | 990821 | 1579715 | 23.09% | 4.730% |
| 15 | 18.068 | 2541 | 2547 | 2557 | rBV | 184727 | 364274 | 5.32% | 1.091% |
| 16 | 19.398 | 2769 | 2773 | 2784 | rBV4 | 72651 | 148912 | 2.18% | 0.446% |
| 17 | 19.851 | 2845 | 2850 | 2858 | rBV | 5433770 | 6842051 | 100.00% | 20.486% |
| 18 | 20.586 | 2971 | 2975 | 2981 | rVB | 104417 | 146890 | 2.15% | 0.440% |
| 19 | 21.033 | 3048 | 3051 | 3057 | rBV | 92217 | 132301 | 1.93% | 0.396% |
| 20 | 21.233 | 3081 | 3085 | 3094 | rBV | 98885 | 204020 | 2.98% | 0.611% |
| 21 | 21.568 | 3136 | 3142 | 3156 | rBV | 1144710 | 2065768 | 30.19% | 6.185% |
| 22 | 24.874 | 3696 | 3704 | 3721 | rVB2 | 745053 | 2216082 | 32.39% | 6.635% |

Sum of corrected areas: 33398183

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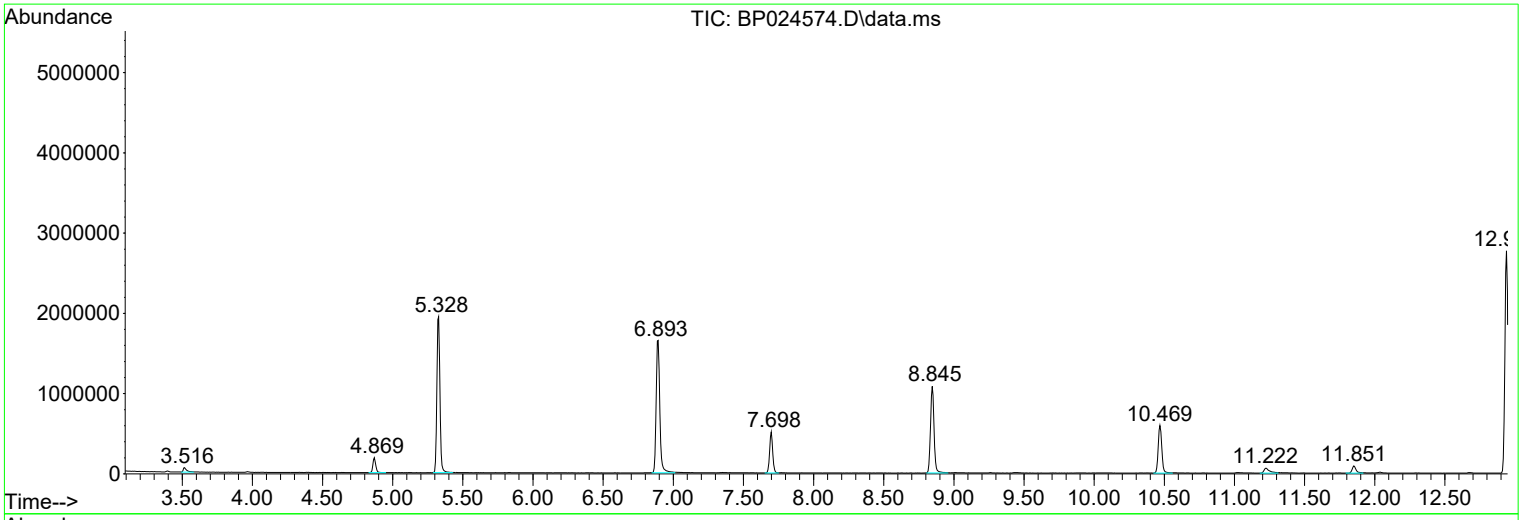
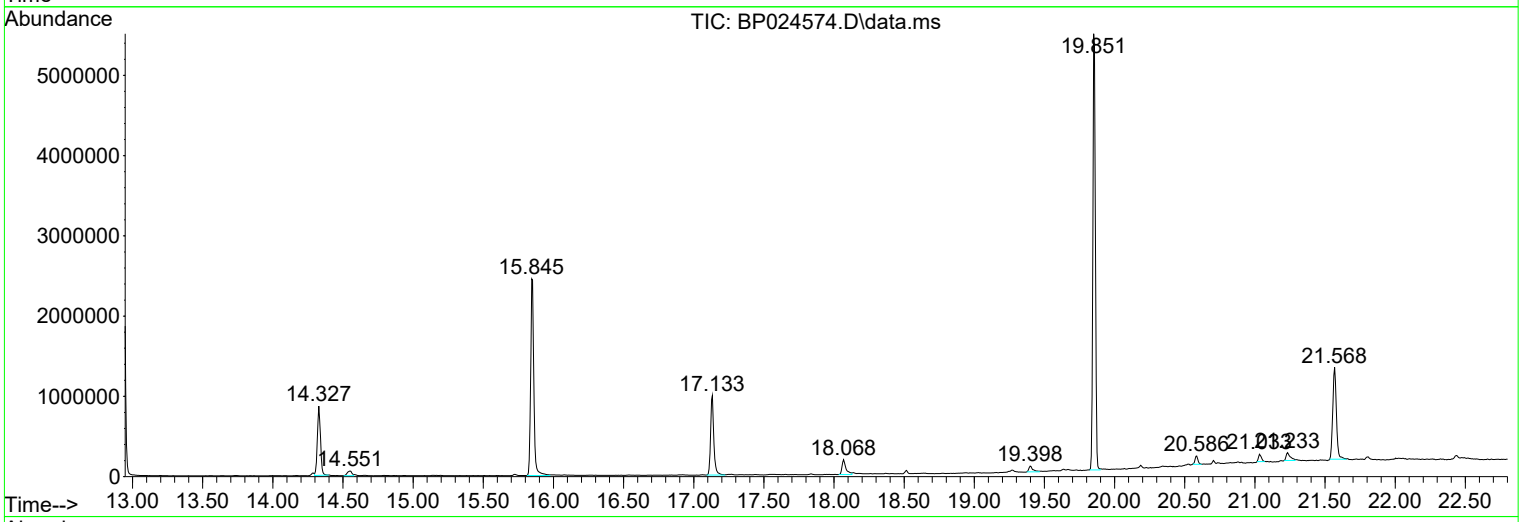
Misc :
ALS Vial : 8 Sample Multiplier: 1

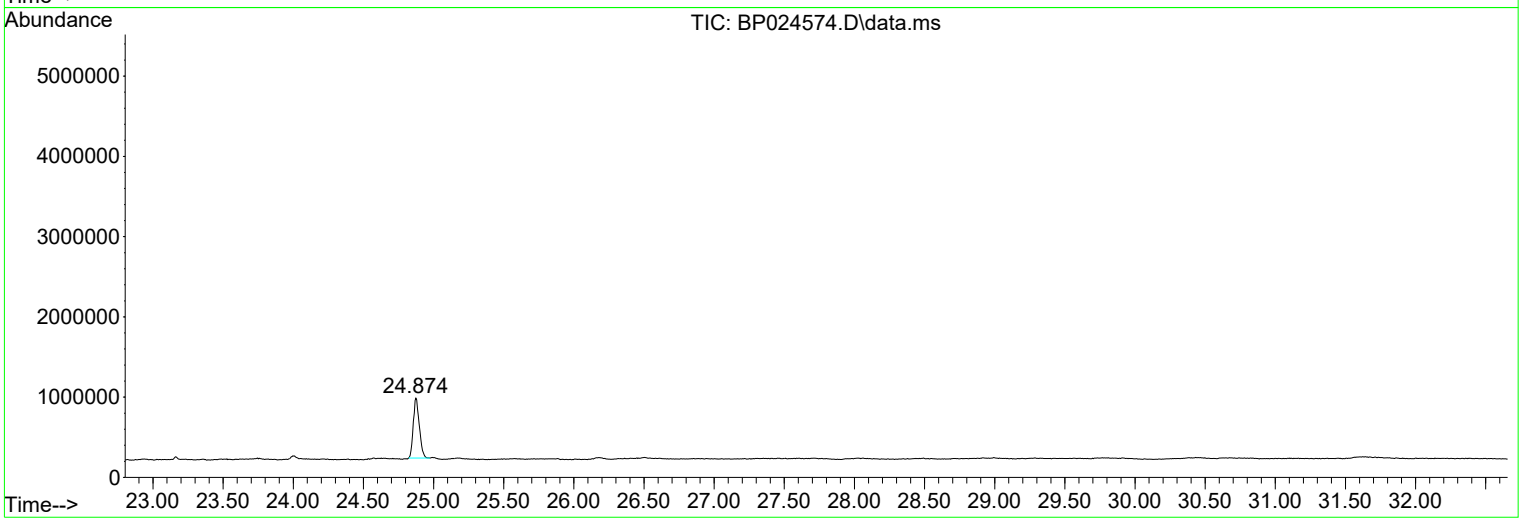
**Instrument :**
BNA_P
**ClientSampleId :**
WC-B-10

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



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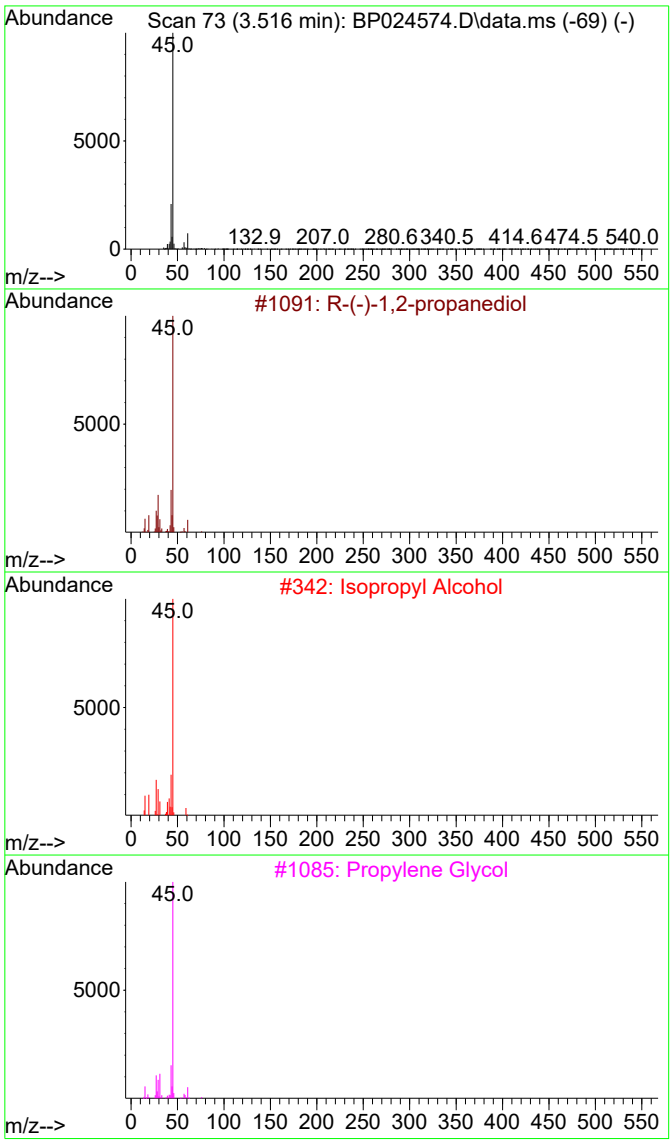
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

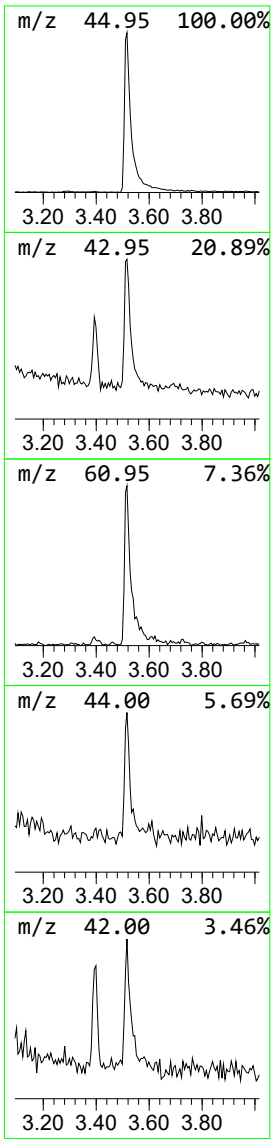
**********

Peak Number 1 R-(-)-1,2-propanediol Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.516 | 2.37 ng | 93057 | 1,4-Dichlorobenzene-d4 | 7.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 78 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 56 |
| 3 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 56 |
| 4 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 40 |
| 5 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 9 |



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Sample : Q1972-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WC-B-10

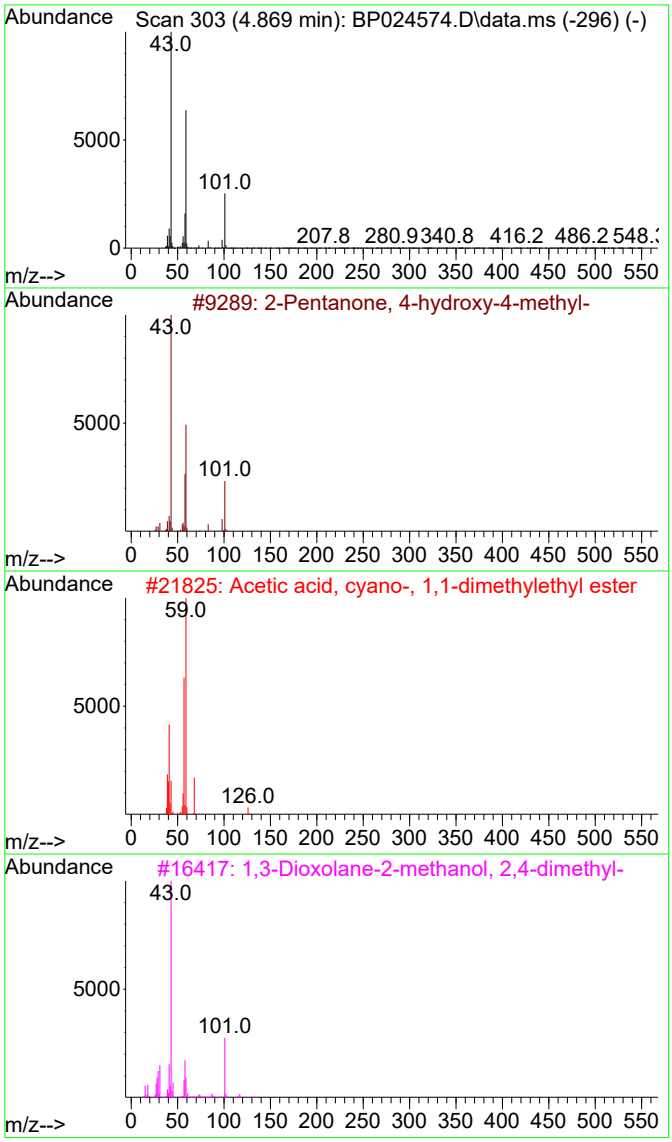
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

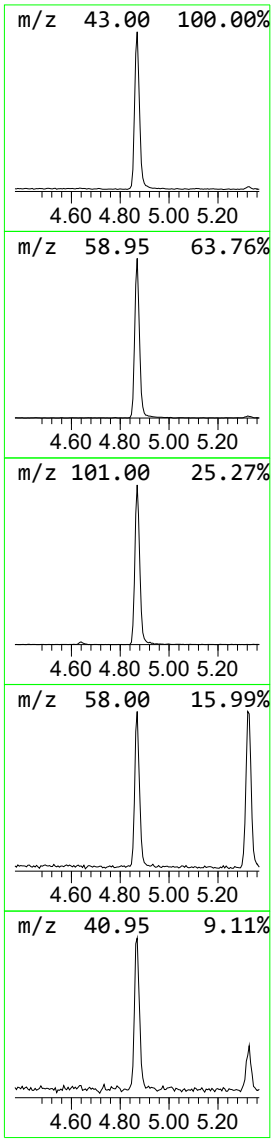
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.869 | 6.73 ng | 264295 | 1,4-Dichlorobenzene-d4 | 7.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 3 | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3 | 053951-43-2 | 23 |
| 4 | 1,2-Butanediol | 90 | C4H10O2 | 000584-03-2 | 17 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



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Operator : RC/JU
Sample : Q1972-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WC-B-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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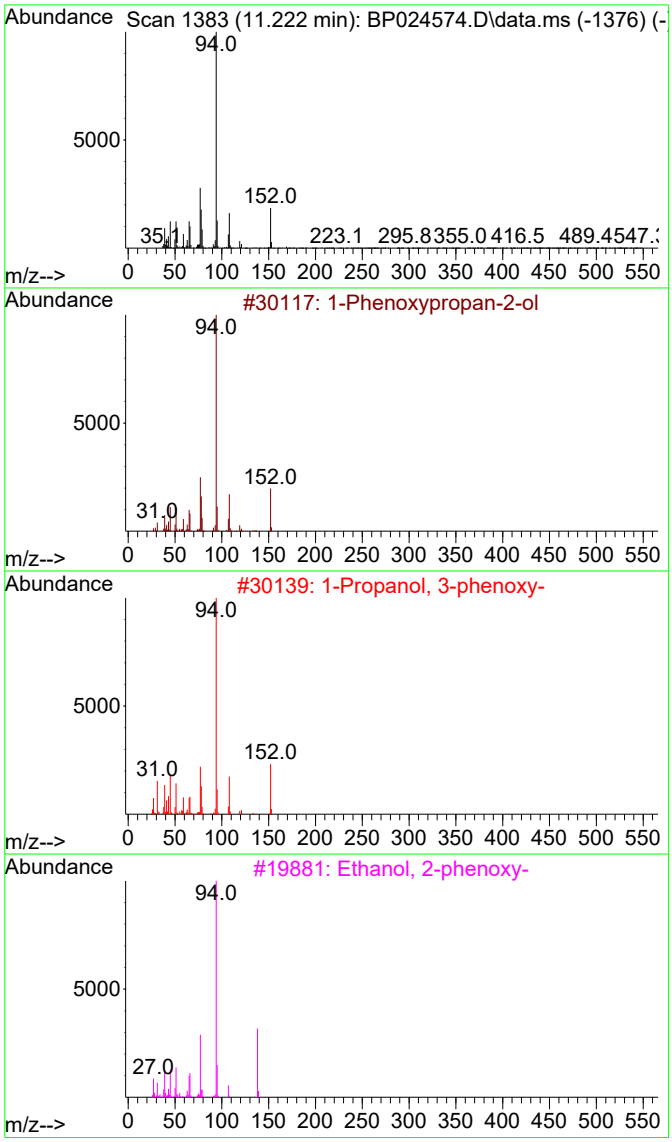
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

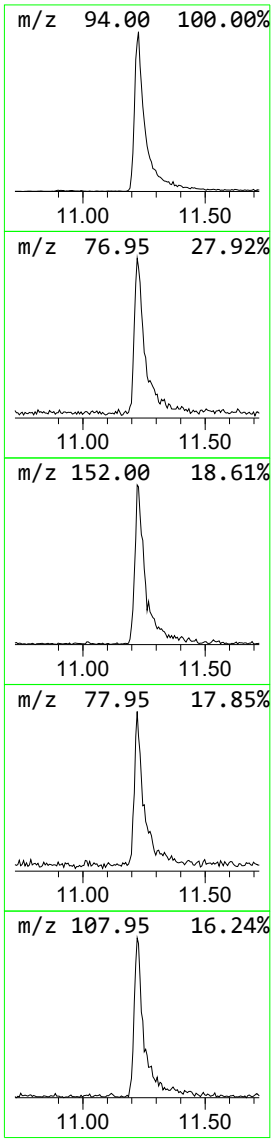
**********

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.222 | 3.22 ng | 168476 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 96 |
| 2 | 1-Propanol, 3-phenoxy- | 152 | C9H12O2 | 006180-61-6 | 87 |
| 3 | Ethanol, 2-phenoxy- | 138 | C8H10O2 | 000122-99-6 | 64 |
| 4 | Carbonic acid, neopentyl phenyl ... | 208 | C12H16O3 | 013183-19-2 | 59 |
| 5 | Carbonic acid, (3,4,4-trimethyl-... | 252 | C13H16O5 | 109123-69-5 | 59 |



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Operator : RC/JU
Sample : Q1972-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WC-B-10

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

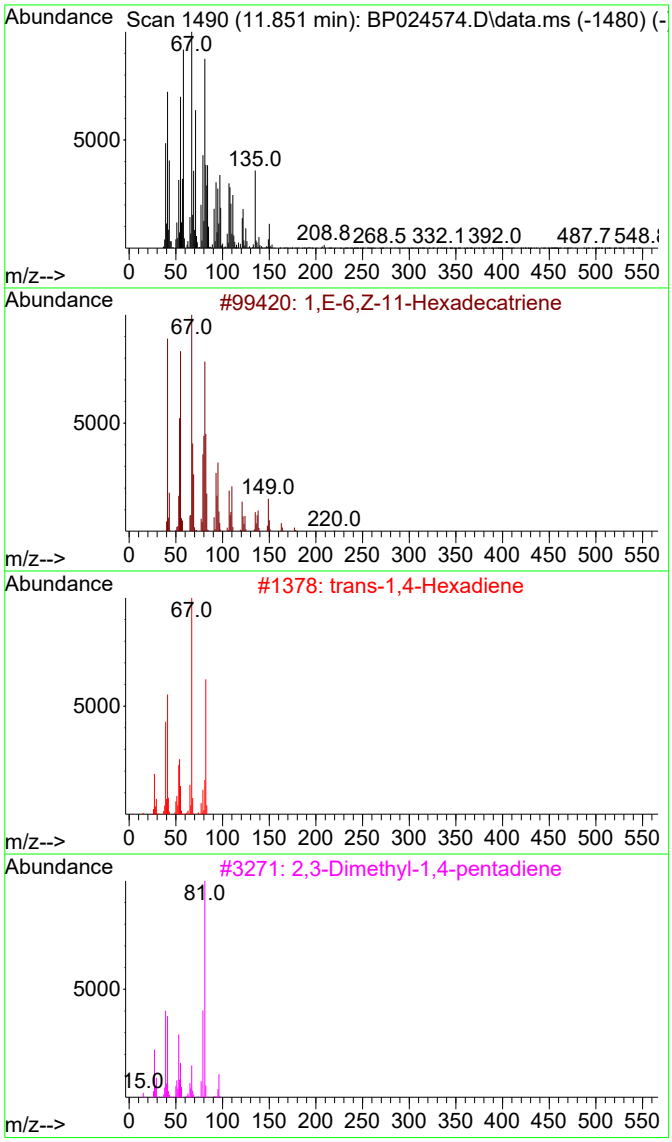
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

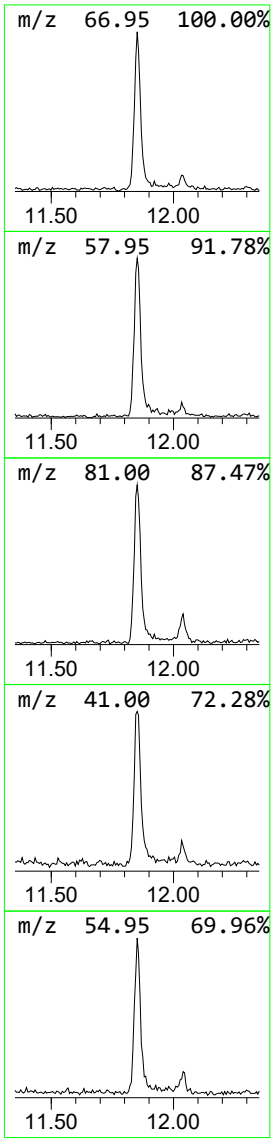
**********

Peak Number 4 unknown11.851 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.851 | 3.41 ng | 178601 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,E-6,Z-11-Hexadecatriene | 220 | C16H28 | 083483-55-0 | 27 |
| 2 | trans-1,4-Hexadiene | 82 | C6H10 | 007319-00-8 | 15 |
| 3 | 2,3-Dimethyl-1,4-pentadiene | 96 | C7H12 | 000758-86-1 | 11 |
| 4 | 1,3,3-Trimethylcyclopropene | 82 | C6H10 | 003664-56-0 | 11 |
| 5 | 1-(2-Propenyl)cyclopentene | 108 | C8H12 | 037689-19-3 | 11 |



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**Instrument :**
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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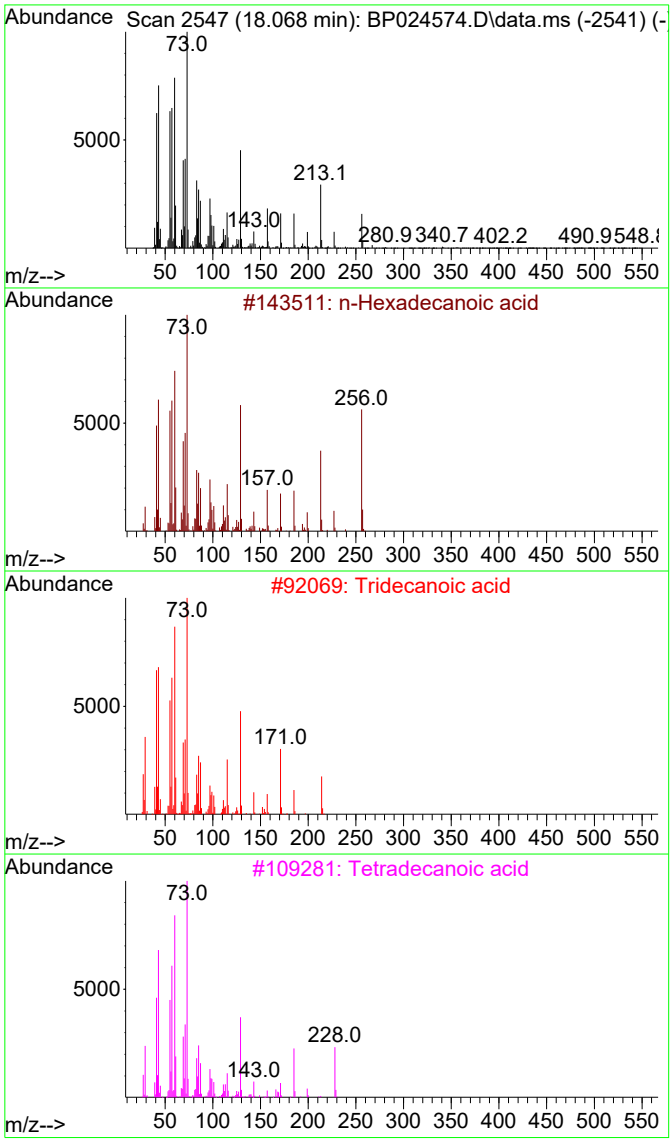
TIC Integration Parameters: LSCINT.P

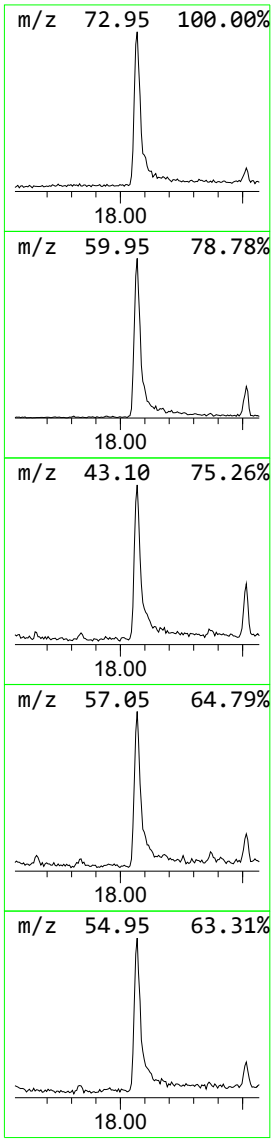
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.068 | 4.61 ng | 364274 | Phenanthrene-d10 | 17.133 |

| 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 | 91 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
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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 |
| R-(-)-1,2-propa... | 3.516 | 2.4 | ng | 93057 | 1 | 7.698 | 785046 | 20.0 |
| 2-Pentanone, 4-... | 4.869 | 6.7 | ng | 264295 | 1 | 7.698 | 785046 | 20.0 |
| 1-Phenoxypropan... | 11.222 | 3.2 | ng | 168476 | 2 | 10.469 | 1047130 | 20.0 |
| unknown11.851 | 11.851 | 3.4 | ng | 178601 | 2 | 10.469 | 1047130 | 20.0 |
| n-Hexadecanoic ... | 18.068 | 4.6 | ng | 364274 | 4 | 17.133 | 1579720 | 20.0 |