LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020589.D
Acq On : 11 Jun 2024 15:41
Operator : MA/JU
Sample : P2767-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

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-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP020589.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.028 | 3 | 7 | 27 | rVB | 5263768 | 7912113 | 52.37% | 11.262% |
| 2 | 4.928 | 322 | 330 | 336 | rBV2 | 96731 | 161585 | 1.07% | 0.230% |
| 3 | 5.375 | 399 | 406 | 415 | rBV | 1819668 | 2603190 | 17.23% | 3.705% |
| 4 | 6.934 | 662 | 671 | 681 | rBV | 1097574 | 1681133 | 11.13% | 2.393% |
| 5 | 7.752 | 801 | 810 | 820 | rBV | 844324 | 1360841 | 9.01% | 1.937% |
| 6 | 8.899 | 998 | 1005 | 1015 | rVB | 2441972 | 4209176 | 27.86% | 5.991% |
| 7 | 10.304 | 1237 | 1244 | 1253 | rBV | 139921 | 283672 | 1.88% | 0.404% |
| 8 | 10.522 | 1274 | 1281 | 1286 | rBV | 1263615 | 1839988 | 12.18% | 2.619% |
| 9 | 12.987 | 1693 | 1700 | 1711 | rBV | 7204529 | 10125781 | 67.02% | 14.413% |
| 10 | 14.375 | 1929 | 1936 | 1952 | rBV | 1695795 | 2686888 | 17.78% | 3.824% |
| 11 | 15.892 | 2187 | 2194 | 2213 | rBV | 5358468 | 8484186 | 56.15% | 12.076% |
| 12 | 17.186 | 2407 | 2414 | 2420 | rBV | 2123639 | 3180424 | 21.05% | 4.527% |
| 13 | 17.492 | 2457 | 2466 | 2477 | rBV | 1023463 | 1606330 | 10.63% | 2.286% |
| 14 | 18.133 | 2570 | 2575 | 2583 | rBV | 764298 | 1049440 | 6.95% | 1.494% |
| 15 | 19.463 | 2797 | 2801 | 2810 | rBV | 328931 | 550940 | 3.65% | 0.784% |
| 16 | 19.922 | 2872 | 2879 | 2887 | rBV | 9449758 | 15109457 | 100.00% | 21.506% |
| 17 | 21.316 | 3113 | 3116 | 3123 | rVB | 271706 | 342083 | 2.26% | 0.487% |
| 18 | 21.633 | 3164 | 3170 | 3179 | rBV | 2217635 | 3470819 | 22.97% | 4.940% |
| 19 | 24.986 | 3732 | 3740 | 3754 | rVB | 1211039 | 3597993 | 23.81% | 5.121% |

Sum of corrected areas: 70256039

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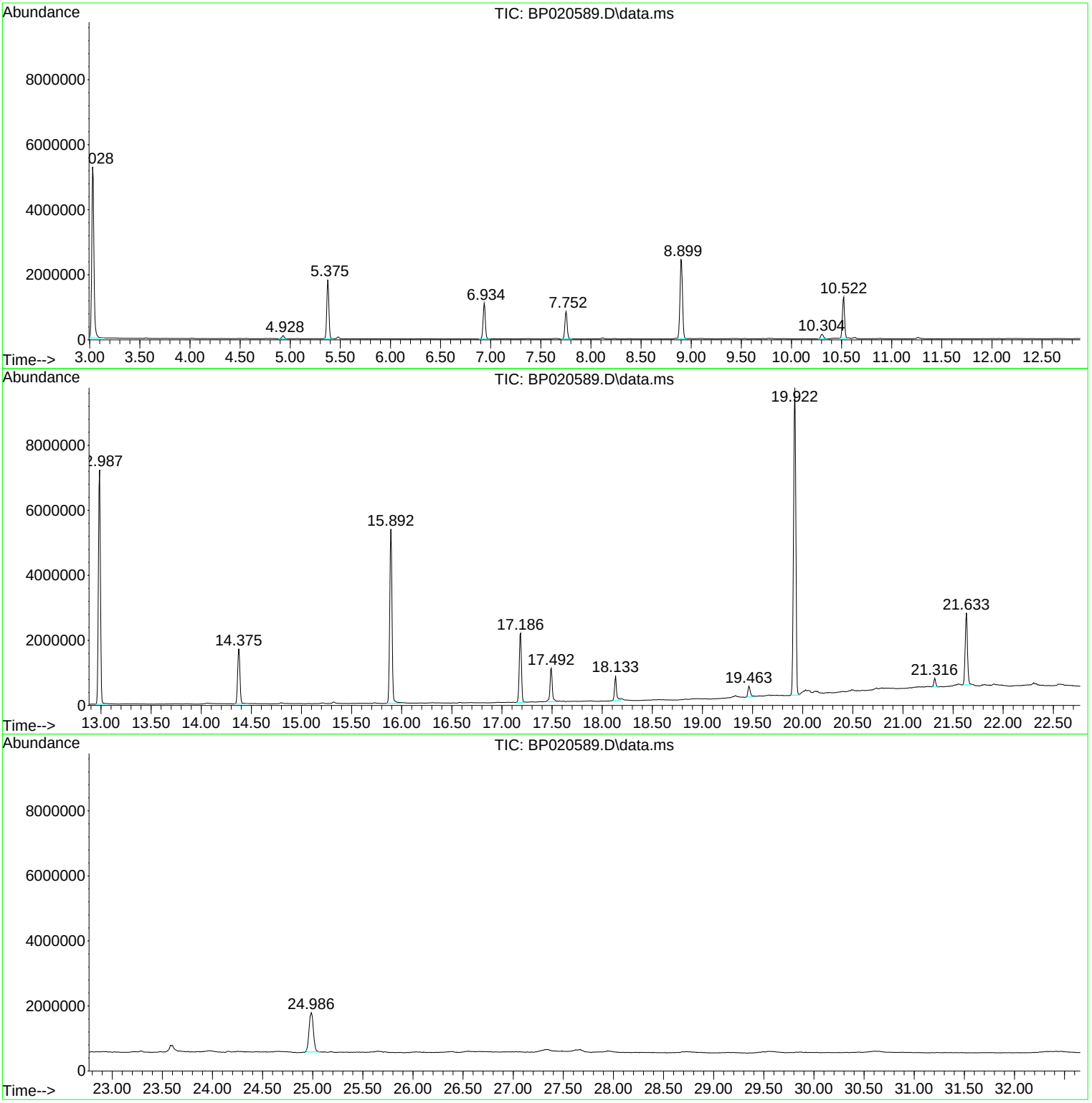
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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Data File : BP020589.D
Acq On : 11 Jun 2024 15:41
Operator : MA/JU
Sample : P2767-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
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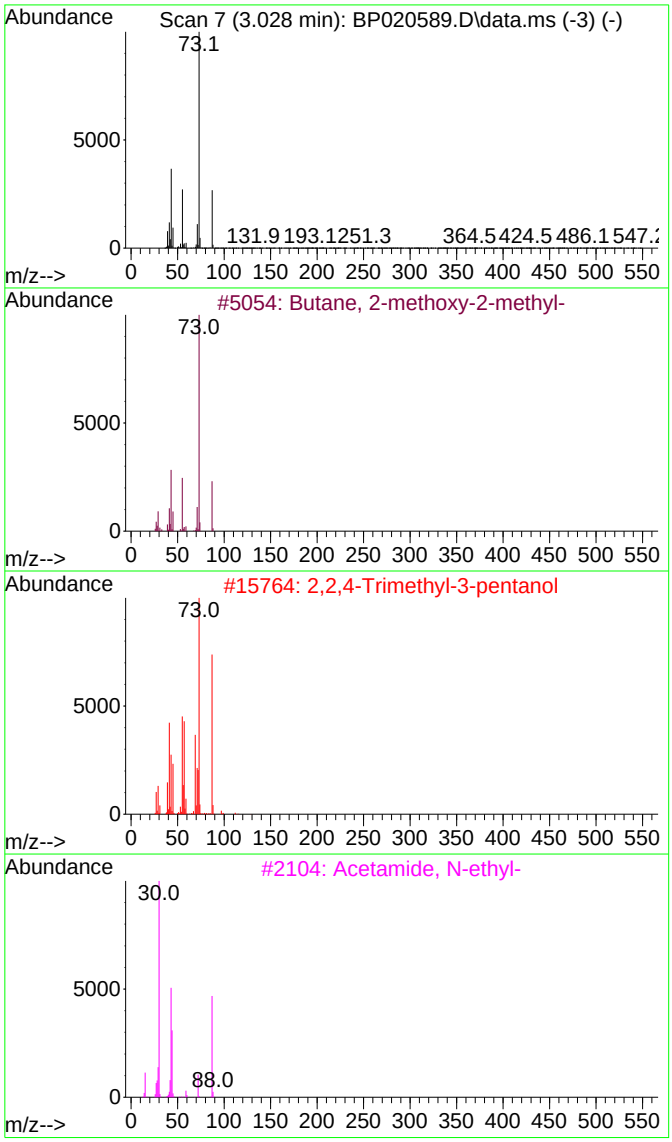
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

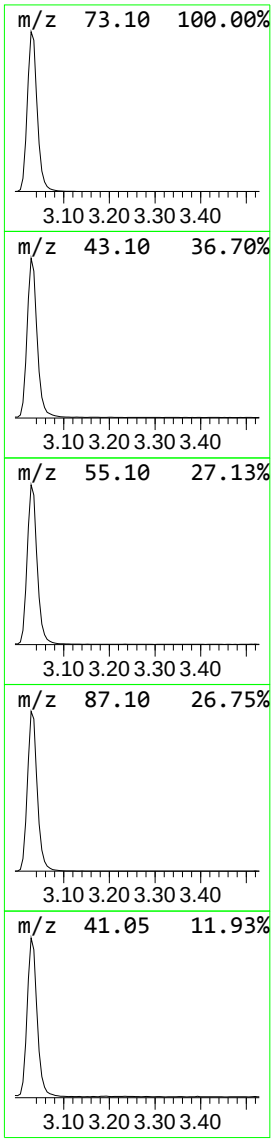
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.028 | 116.28 ng | 7912110 | 1,4-Dichlorobenzene-d4 | 7.752 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



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Data File : BP020589.D
Acq On : 11 Jun 2024 15:41
Operator : MA/JU
Sample : P2767-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

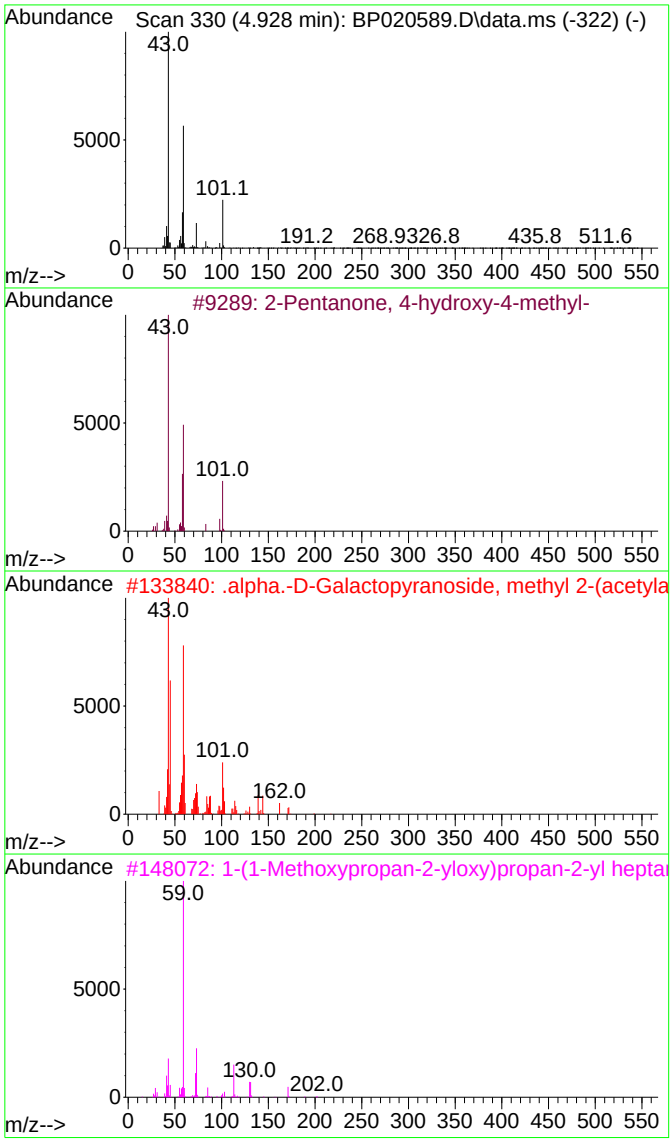
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

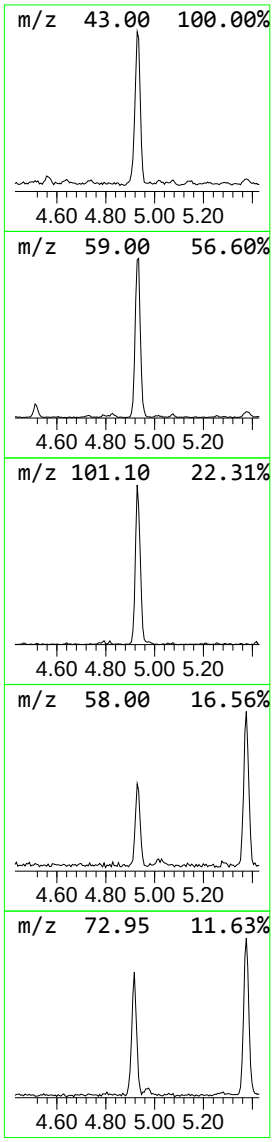
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.928 | 2.37 ng | 161585 | 1,4-Dichlorobenzene-d4 | 7.752 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | .alpha.-D-Galactopyranoside, met... | 249 | C10H19NO6 | 017296-07-0 | 36 |
| 3 | 1-(1-Methoxypropan-2-yloxy)propa... | 260 | C14H28O4 | 1000367-13-1 | 23 |
| 4 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 17 |
| 5 | Propane, 1-ethoxy-2-methyl- | 102 | C6H14O | 000627-02-1 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020589.D
Acq On : 11 Jun 2024 15:41
Operator : MA/JU
Sample : P2767-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
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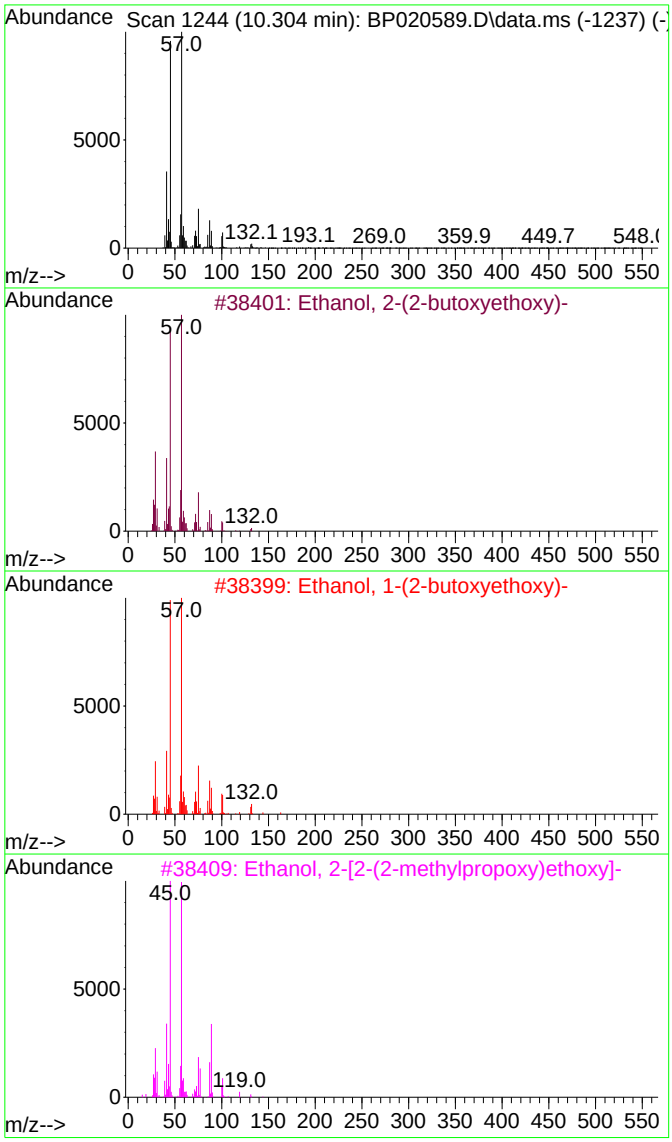
TIC Integration Parameters: LSCINT.P

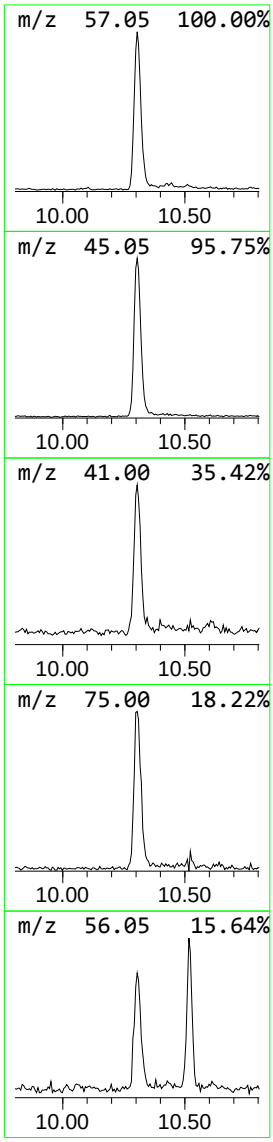
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.305 | 3.08 ng | 283672 | Naphthalene-d8 | 10.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 3 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 56 |
| 4 | Di-sec-Butyl ether | 130 | C8H18O | 006863-58-7 | 53 |
| 5 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 53 |



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Operator : MA/JU
Sample : P2767-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

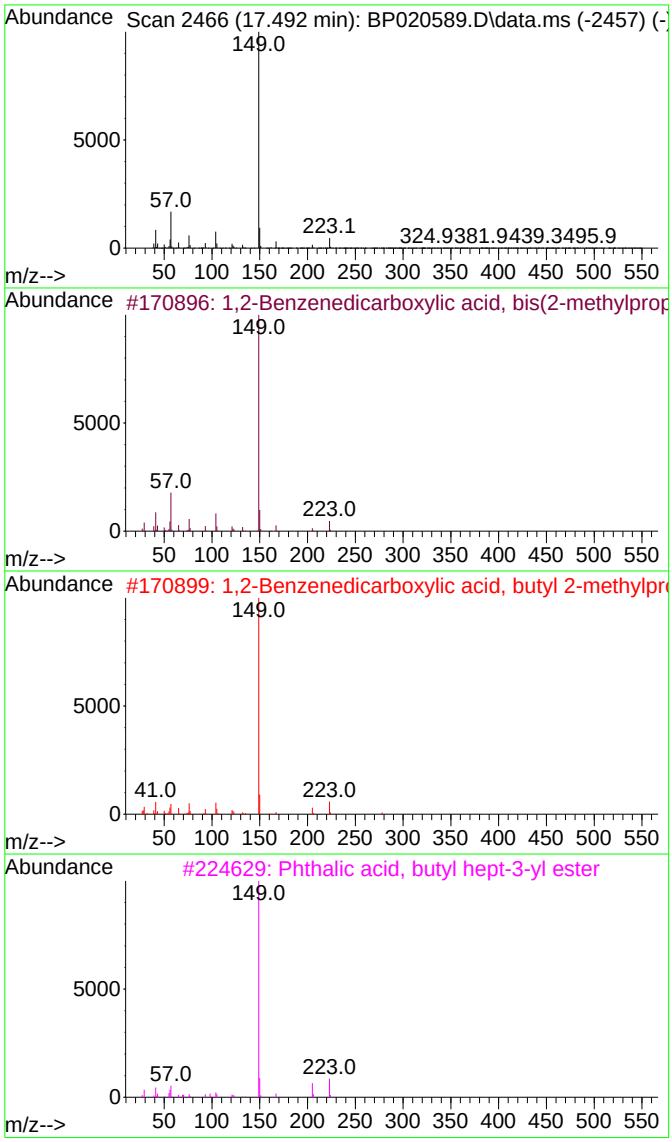
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

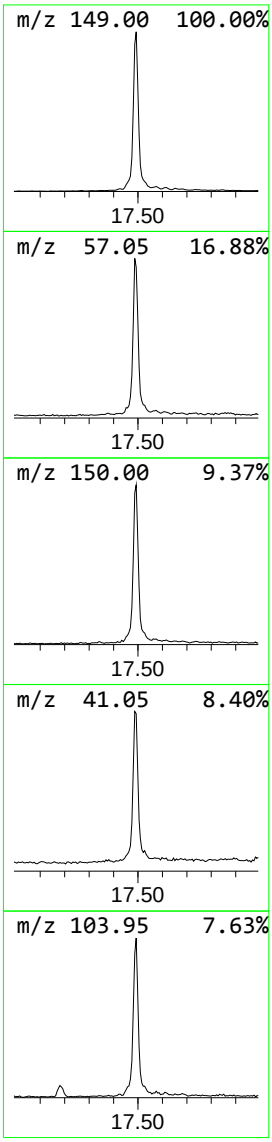
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 1,2-Benzenedicarboxylic aci... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.492 | 10.10 ng | 1606330 | Phenanthrene-d10 | 17.186 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, bi... | 278 | C16H22O4 | 000084-69-5 | 91 |
| 2 | 1,2-Benzenedicarboxylic acid, bu... | 278 | C16H22O4 | 017851-53-5 | 86 |
| 3 | Phthalic acid, butyl hept-3-yl e... | 320 | C19H28O4 | 1000356-98-7 | 78 |
| 4 | Phthalic acid, isobutyl undecyl ... | 376 | C23H36O4 | 1010308-97-3 | 78 |
| 5 | Phthalic acid, isobutyl octyl ester | 334 | C20H30O4 | 1010309-04-5 | 78 |



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Operator : MA/JU
Sample : P2767-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
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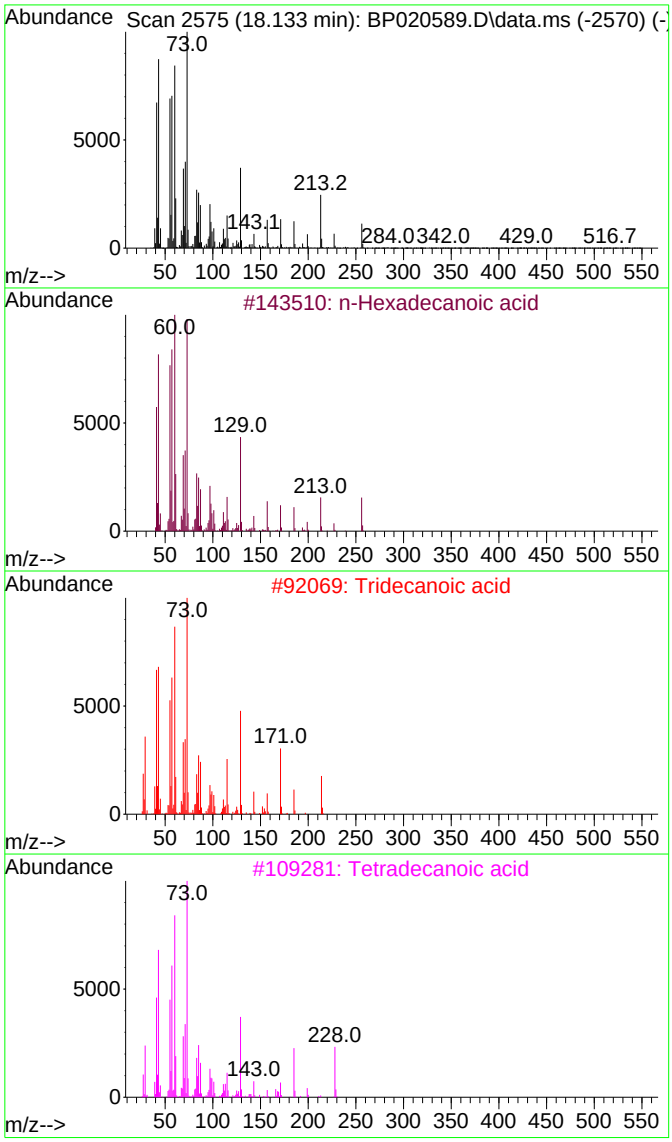
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

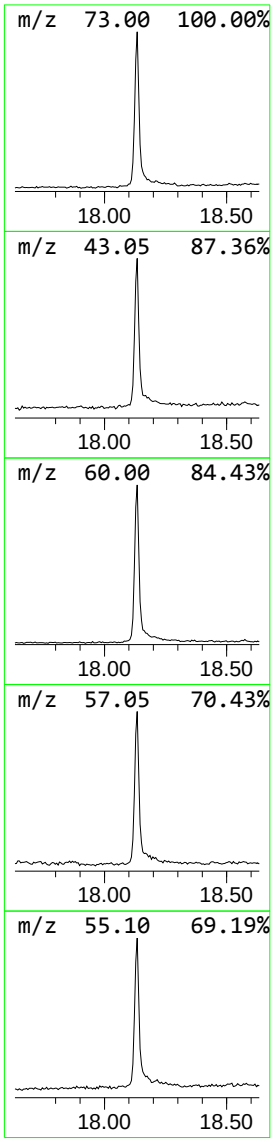
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.134 | 6.60 ng | 1049440 | Phenanthrene-d10 | 17.186 |

| 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 | 95 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 95 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 93 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |



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Sample : P2767-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
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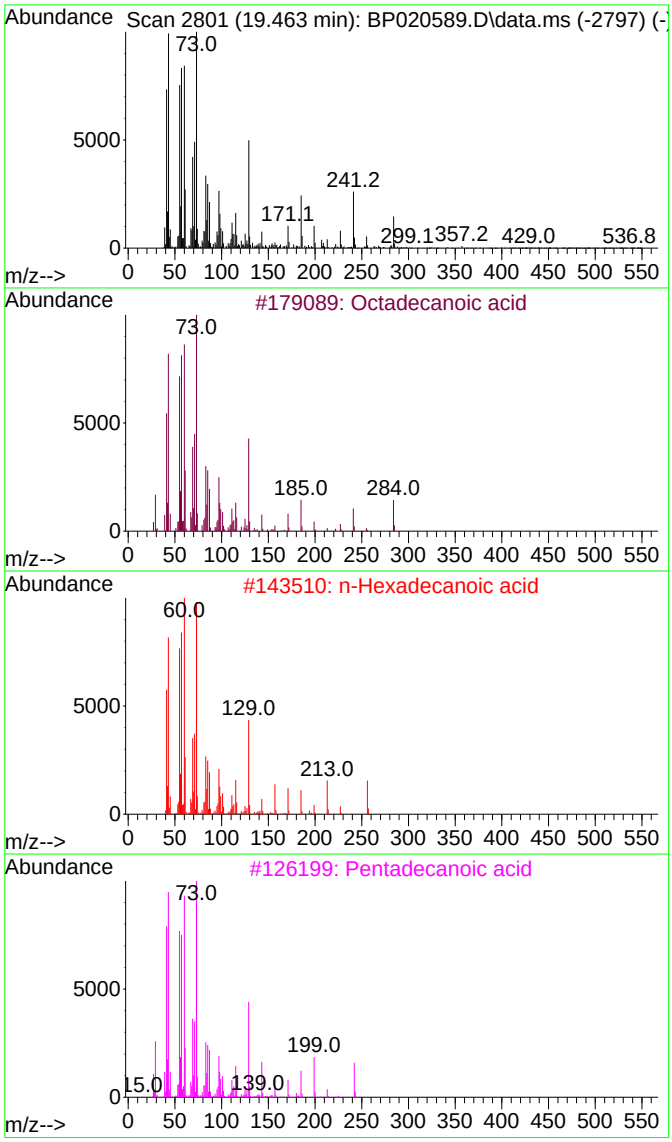
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

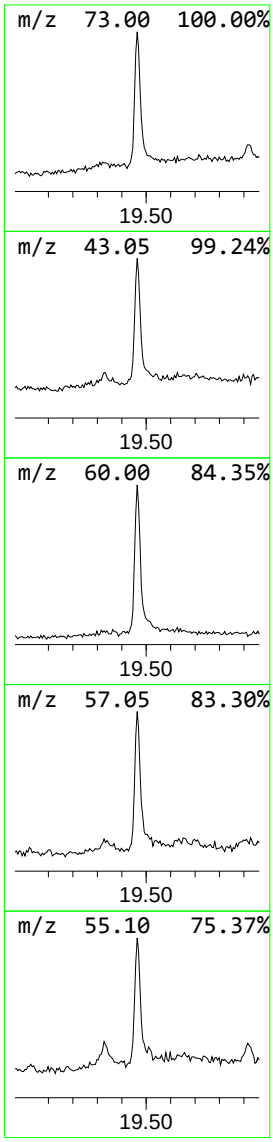
**********

Peak Number 6 Octadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.463 | 3.17 ng | 550940 | Chrysene-d12 | 21.633 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 91 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |



Tentatively Identified Compound (LSC) summary

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ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-2A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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 |
| Butane, 2-metho... | 3.028 | 116.3 | ng | 7912110 | 1 | 7.752 | 1360840 | 20.0 |
| 2-Pentanone, 4-... | 4.928 | 2.4 | ng | 161585 | 1 | 7.752 | 1360840 | 20.0 |
| Ethanol, 2-(2-b... | 10.305 | 3.1 | ng | 283672 | 2 | 10.522 | 1839990 | 20.0 |
| 1,2-Benzenedica... | 17.492 | 10.1 | ng | 1606330 | 4 | 17.186 | 3180420 | 20.0 |
| n-Hexadecanoic ... | 18.134 | 6.6 | ng | 1049440 | 4 | 17.186 | 3180420 | 20.0 |
| Octadecanoic acid | 19.463 | 3.2 | ng | 550940 | 5 | 21.633 | 3470820 | 20.0 |