LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025417.D
Acq On : 15 Aug 2025 07:10
Operator : CG/JU
Sample : Q2820-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
88H-N

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025417.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.967 | 3 | 5 | 13 | rVB | 150010 | 208715 | 3.16% | 0.588% |
| 2 | 3.043 | 13 | 18 | 37 | rVB | 1084361 | 1404412 | 21.29% | 3.956% |
| 3 | 4.949 | 336 | 342 | 350 | rBV | 151066 | 217799 | 3.30% | 0.614% |
| 4 | 5.408 | 413 | 420 | 433 | rBV | 1622818 | 2435369 | 36.92% | 6.860% |
| 5 | 6.967 | 673 | 685 | 696 | rBV | 1597492 | 2589498 | 39.26% | 7.294% |
| 6 | 7.790 | 818 | 825 | 839 | rVB | 561222 | 853051 | 12.93% | 2.403% |
| 7 | 8.931 | 1010 | 1019 | 1029 | rBV | 1041190 | 1749361 | 26.52% | 4.928% |
| 8 | 10.555 | 1287 | 1295 | 1308 | rBV | 678161 | 1183834 | 17.95% | 3.335% |
| 9 | 13.013 | 1704 | 1713 | 1725 | rBV | 2461224 | 4080863 | 61.87% | 11.495% |
| 10 | 14.396 | 1939 | 1948 | 1956 | rBV | 1043812 | 1672610 | 25.36% | 4.712% |
| 11 | 15.772 | 2173 | 2182 | 2190 | rBV | 397287 | 592002 | 8.97% | 1.668% |
| 12 | 15.907 | 2198 | 2205 | 2215 | rBV | 2375867 | 3531467 | 53.54% | 9.948% |
| 13 | 17.201 | 2417 | 2425 | 2431 | rBV | 1418214 | 2094224 | 31.75% | 5.899% |
| 14 | 18.142 | 2579 | 2585 | 2593 | rBV | 247327 | 397797 | 6.03% | 1.121% |
| 15 | 19.466 | 2806 | 2810 | 2818 | rBV2 | 85502 | 120215 | 1.82% | 0.339% |
| 16 | 19.913 | 2880 | 2886 | 2894 | rBV | 4291462 | 6596260 | 100.00% | 18.581% |
| 17 | 21.313 | 3120 | 3124 | 3133 | rBV2 | 287348 | 478033 | 7.25% | 1.347% |
| 18 | 21.636 | 3173 | 3179 | 3185 | rBV | 1610990 | 2482625 | 37.64% | 6.993% |
| 19 | 22.554 | 3332 | 3335 | 3343 | rVB2 | 67838 | 113175 | 1.72% | 0.319% |
| 20 | 25.001 | 3743 | 3751 | 3766 | rVB | 1018929 | 2699033 | 40.92% | 7.603% |

Sum of corrected areas: 35500343

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**ClientSampleId :**
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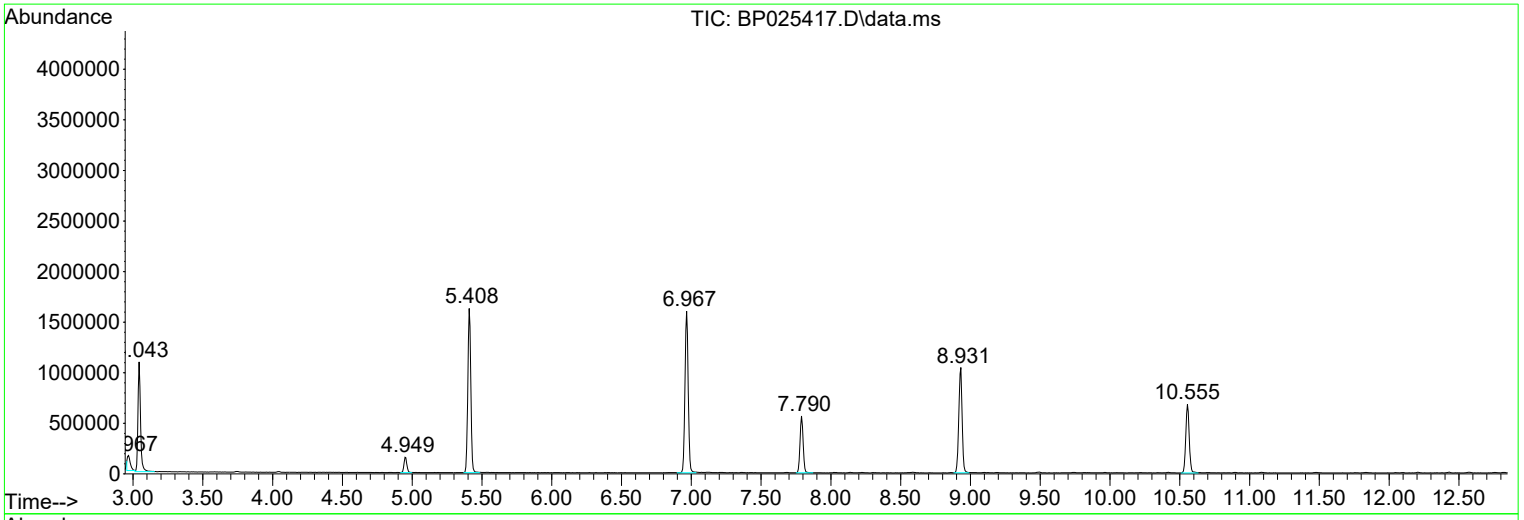
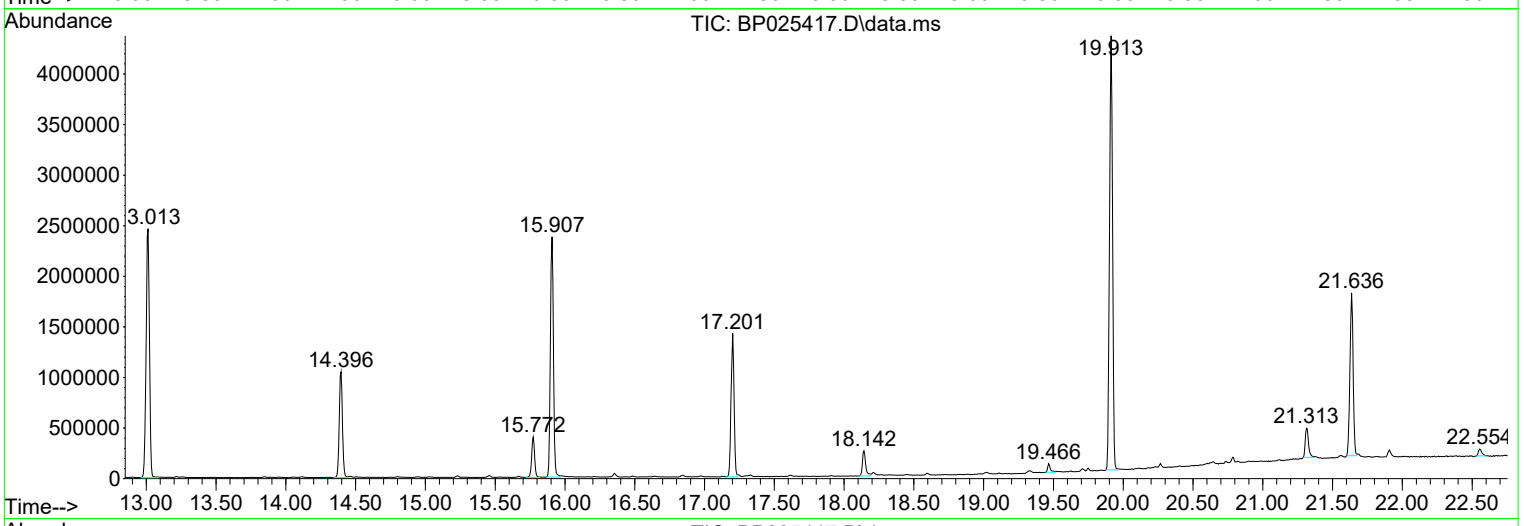
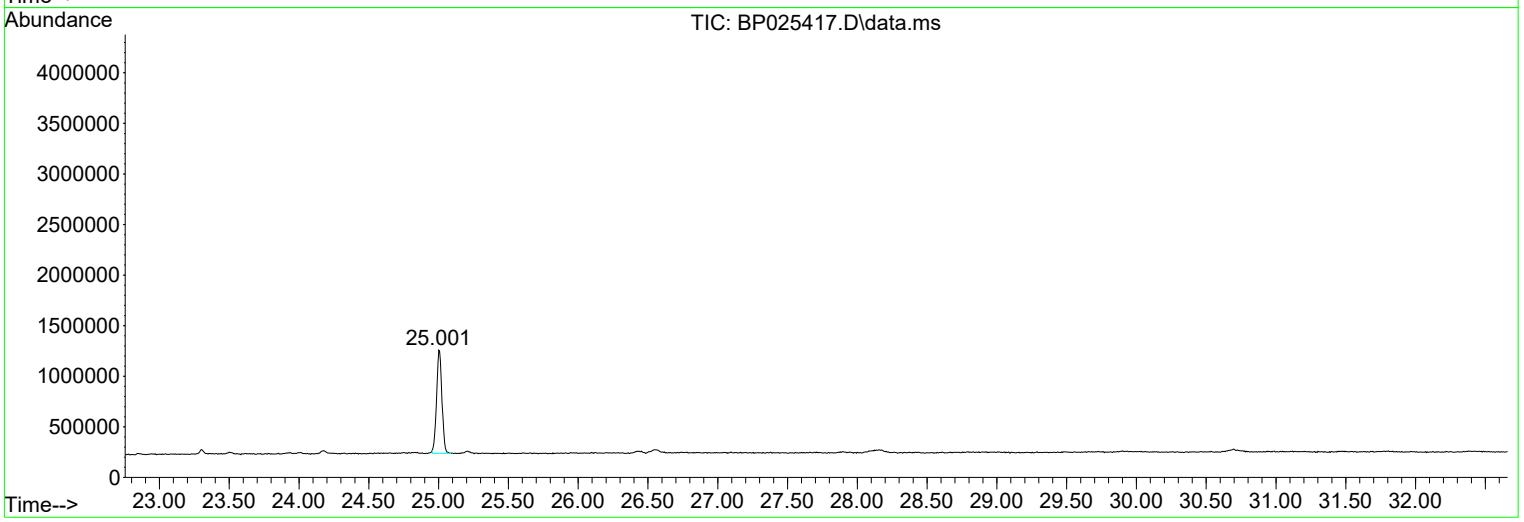
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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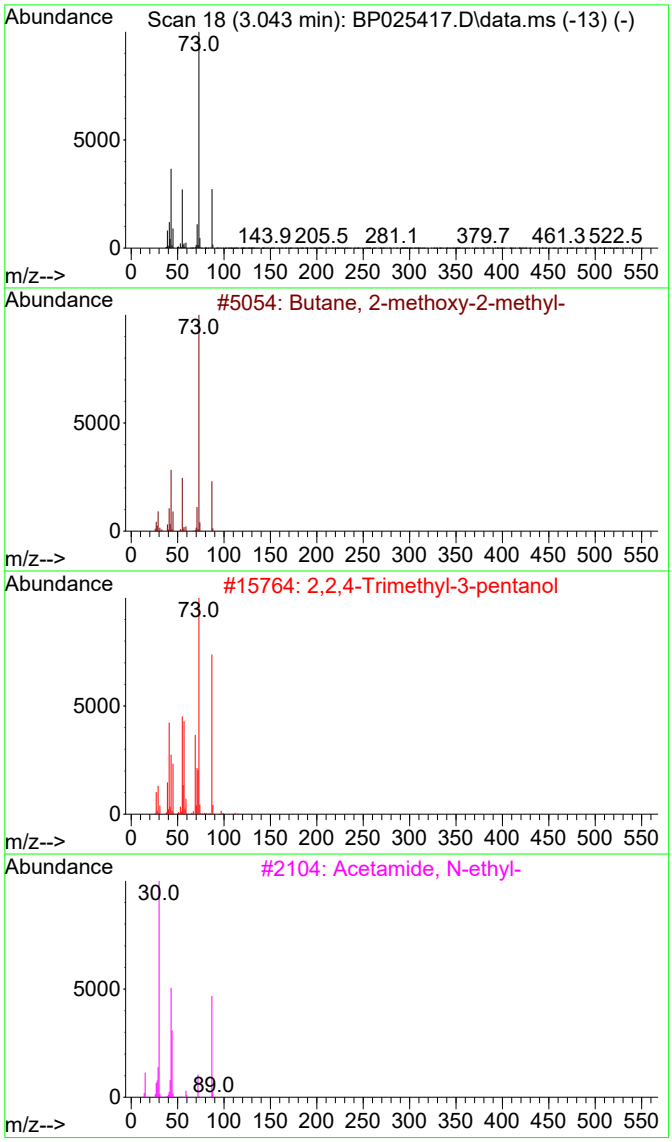
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

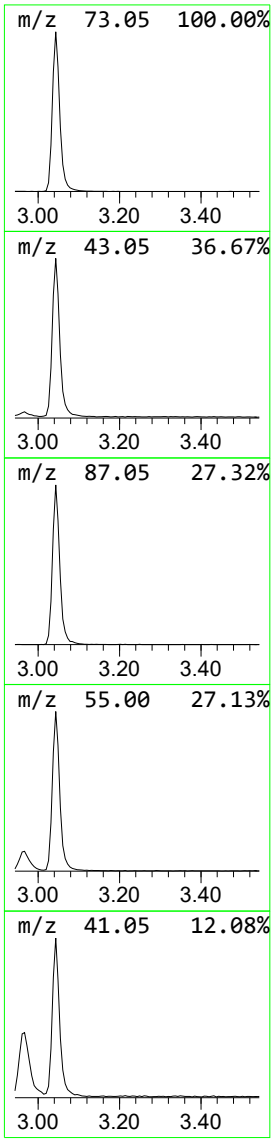
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.043 | 32.93 ng | 1404410 | 1,4-Dichlorobenzene-d4 | 7.790 |

| 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 | 40 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |



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Sample : Q2820-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
88H-N

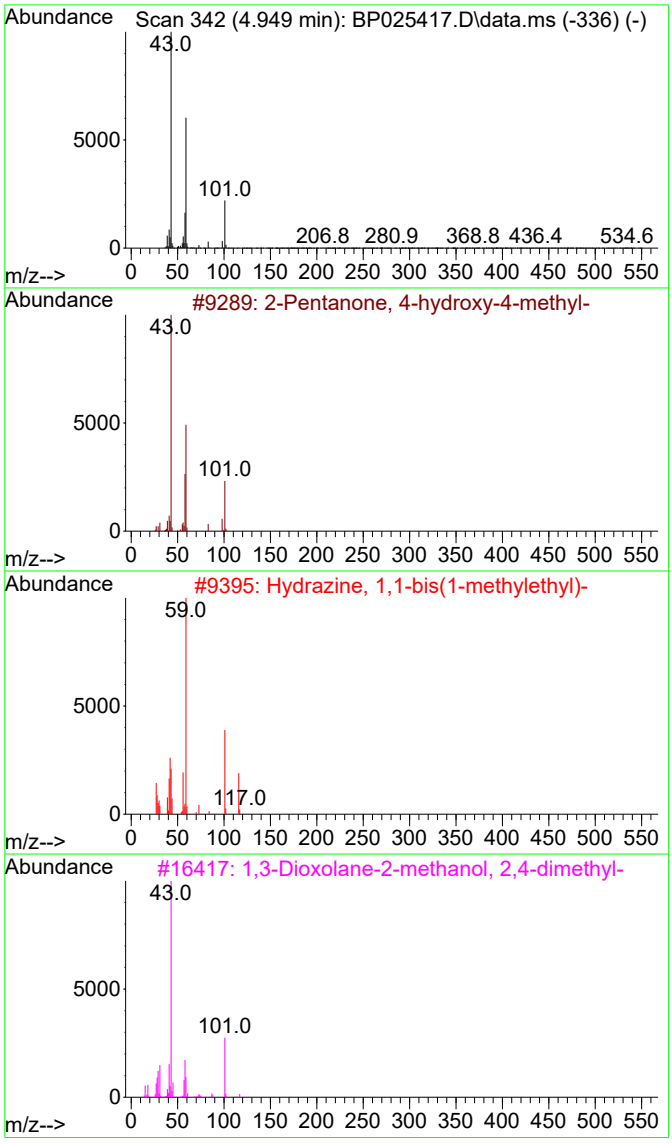
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

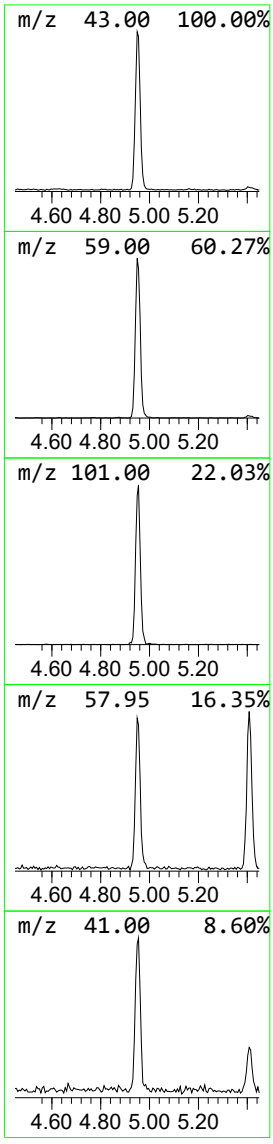
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.949 | 5.11 ng | 217799 | 1,4-Dichlorobenzene-d4 | 7.790 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 28 |
| 3 | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3 | 053951-43-2 | 28 |
| 4 | Tetraglyme | 222 | C10H22O5 | 000143-24-8 | 25 |
| 5 | 2,5,8,11-Tetraoxadodecane | 178 | C8H18O4 | 000112-49-2 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025417.D
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Operator : CG/JU
Sample : Q2820-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
88H-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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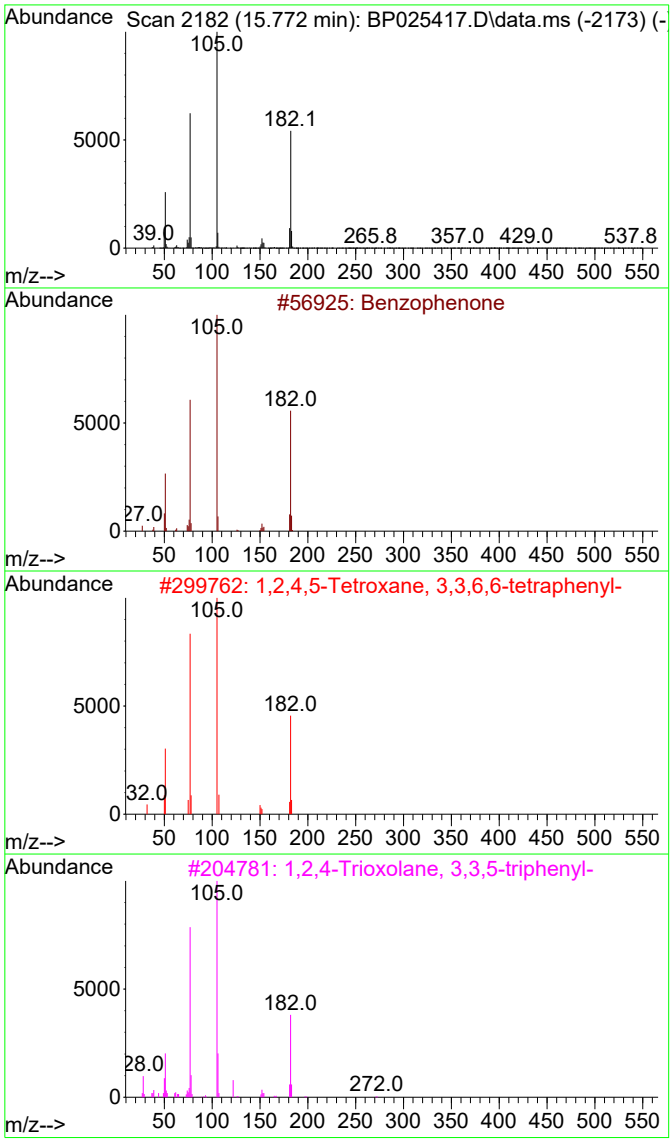
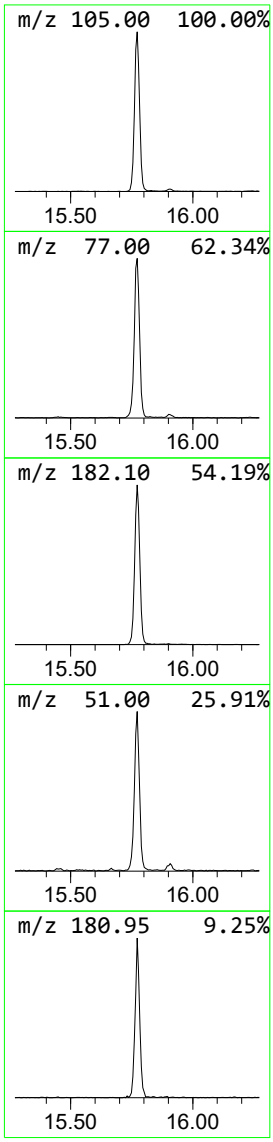
Peak Number 4 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.772 | 7.08 ng | 592002 | Acenaphthene-d10 | 14.396 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 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 | 45 |
| 4 | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 42 |
| 5 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 40 |



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Sample : Q2820-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
88H-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

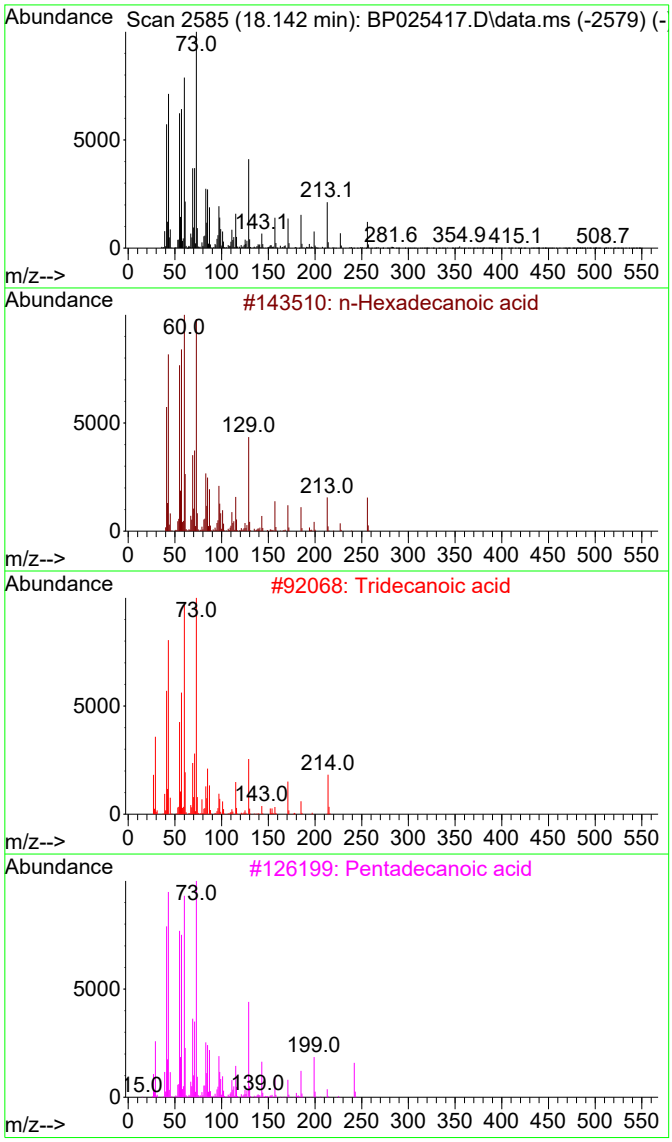
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

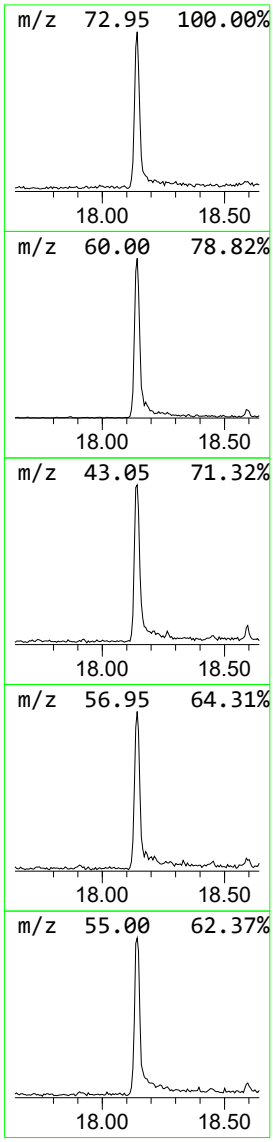
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.142 | 3.80 ng | 397797 | Phenanthrene-d10 | 17.201 |

| 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 | 89 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 81 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 76 |



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Sample : Q2820-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
88H-N

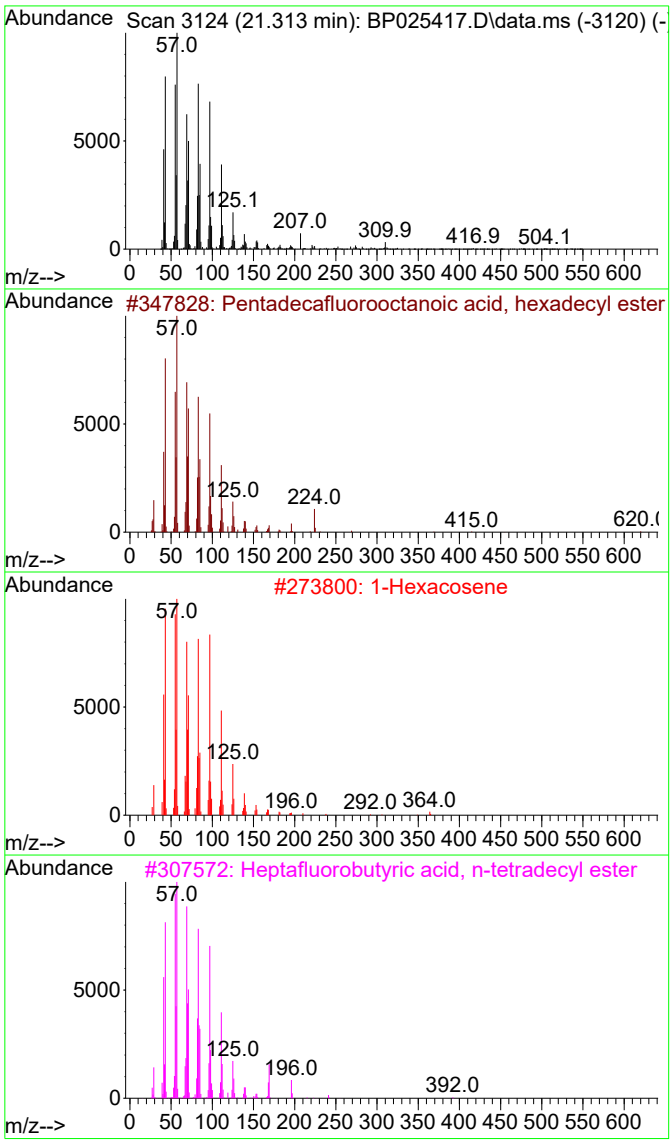
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

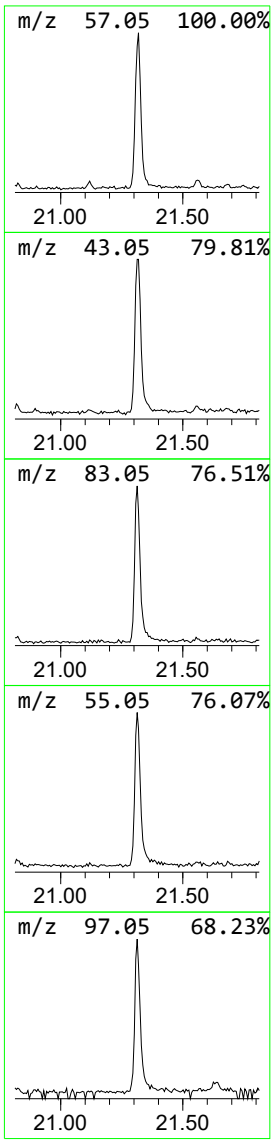
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.313 | 3.85 ng | 478033 | Chrysene-d12 | 21.636 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecafluorooctanoic acid, he... | 638 | C24H33F15O2 | 1000406-04-6 | 94 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 93 |
| 3 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 93 |
| 4 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 91 |
| 5 | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
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Misc :
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BNA_P
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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... | 3.043 | 32.9 | ng | 1404410 | 1 | 7.790 | 853051 | 20.0 |
| 2-Pentanone, 4-... | 4.949 | 5.1 | ng | 217799 | 1 | 7.790 | 853051 | 20.0 |
| Benzophenone | 15.772 | 7.1 | ng | 592002 | 3 | 14.396 | 1672610 | 20.0 |
| n-Hexadecanoic ... | 18.142 | 3.8 | ng | 397797 | 4 | 17.201 | 2094220 | 20.0 |
| Pentadecafluoro... | 21.313 | 3.9 | ng | 478033 | 5 | 21.636 | 2482630 | 20.0 |