LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025413.D
Acq On : 15 Aug 2025 04:26
Operator : CG/JU
Sample : Q2820-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
10P-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: BP025413.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 | rVB2 | 135832 | 182695 | 3.25% | 0.621% |
| 2 | 3.043 | 13 | 18 | 35 | rVB | 779315 | 936479 | 16.67% | 3.185% |
| 3 | 4.955 | 337 | 343 | 351 | rVB | 119683 | 170997 | 3.04% | 0.581% |
| 4 | 5.408 | 413 | 420 | 430 | rBV | 1329763 | 1984902 | 35.33% | 6.750% |
| 5 | 6.966 | 676 | 685 | 699 | rBV | 1295888 | 2117245 | 37.68% | 7.200% |
| 6 | 7.790 | 816 | 825 | 834 | rBV | 467907 | 742184 | 13.21% | 2.524% |
| 7 | 8.925 | 1011 | 1018 | 1028 | rBV | 856306 | 1374944 | 24.47% | 4.676% |
| 8 | 10.560 | 1284 | 1296 | 1305 | rBV | 590428 | 1020860 | 18.17% | 3.471% |
| 9 | 13.019 | 1706 | 1714 | 1725 | rBV | 2472739 | 3351954 | 59.66% | 11.399% |
| 10 | 14.407 | 1940 | 1950 | 1962 | rBV | 925830 | 1437279 | 25.58% | 4.888% |
| 11 | 15.778 | 2175 | 2183 | 2190 | rBV | 325981 | 434769 | 7.74% | 1.478% |
| 12 | 15.907 | 2198 | 2205 | 2218 | rBV | 1830683 | 2801477 | 49.86% | 9.527% |
| 13 | 17.195 | 2417 | 2424 | 2435 | rBV2 | 1295370 | 1776464 | 31.62% | 6.041% |
| 14 | 18.142 | 2579 | 2585 | 2592 | rBV | 282440 | 425497 | 7.57% | 1.447% |
| 15 | 19.472 | 2806 | 2811 | 2820 | rBV | 116789 | 181398 | 3.23% | 0.617% |
| 16 | 19.925 | 2881 | 2888 | 2899 | rBV | 4056845 | 5618459 | 100.00% | 19.106% |
| 17 | 21.313 | 3119 | 3124 | 3133 | rBV5 | 135029 | 258937 | 4.61% | 0.881% |
| 18 | 21.630 | 3172 | 3178 | 3188 | rVB | 1392107 | 2225242 | 39.61% | 7.567% |
| 19 | 24.989 | 3739 | 3749 | 3759 | rVB2 | 881153 | 2365111 | 42.10% | 8.043% |

Sum of corrected areas: 29406893

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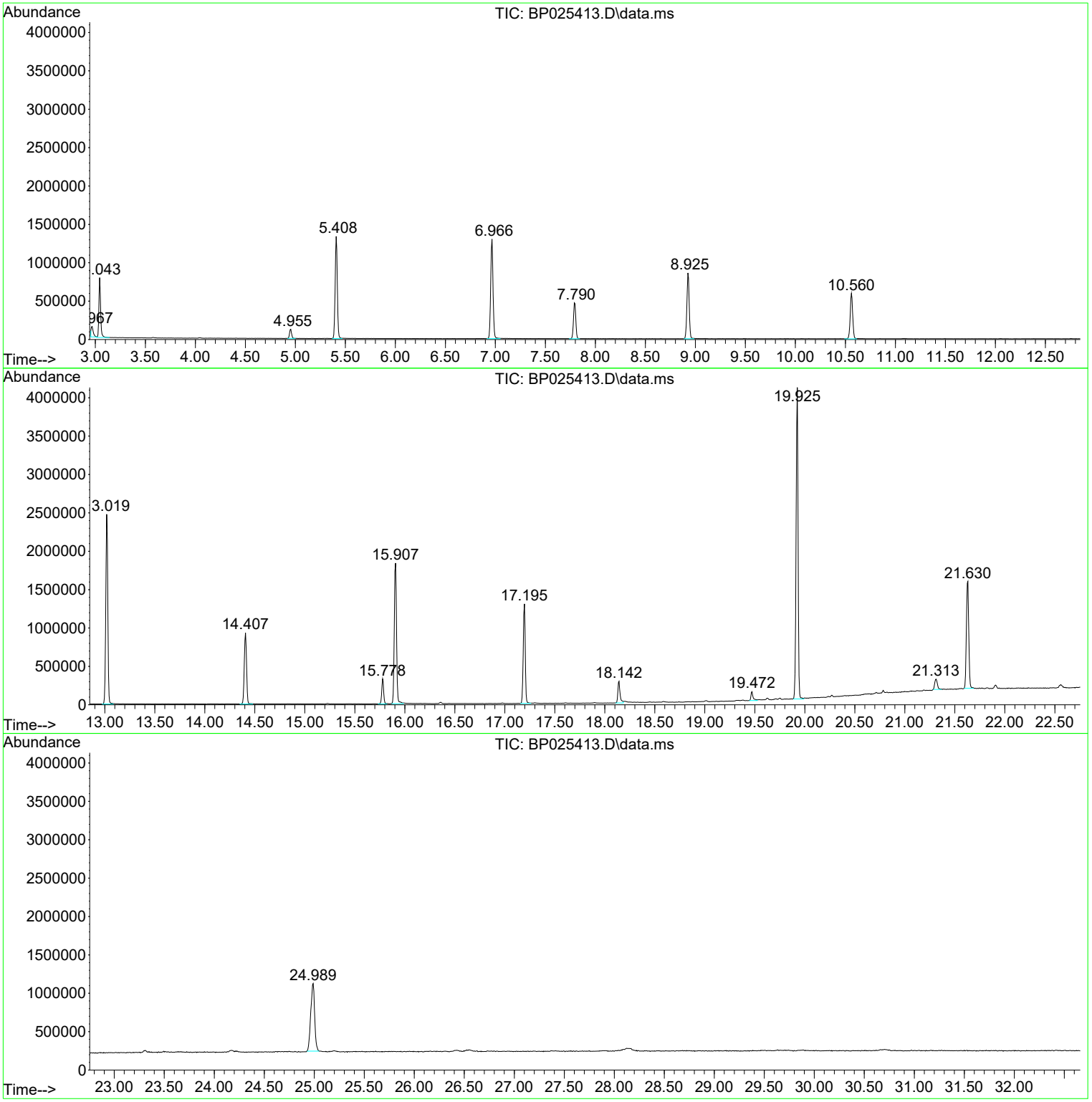
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
10P-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



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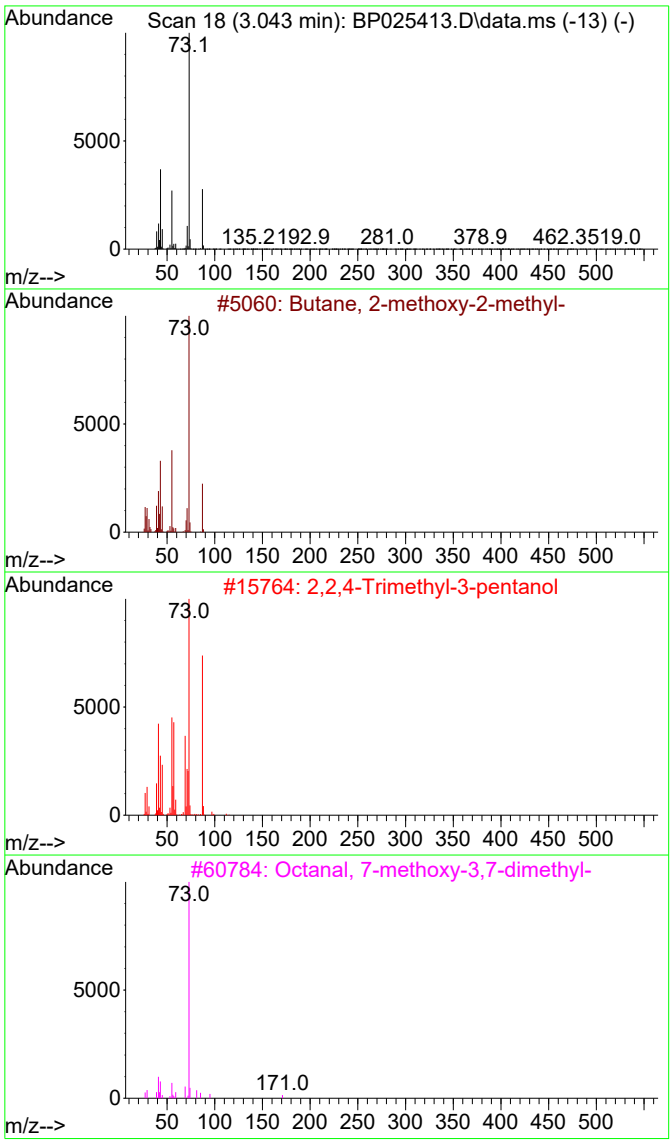
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

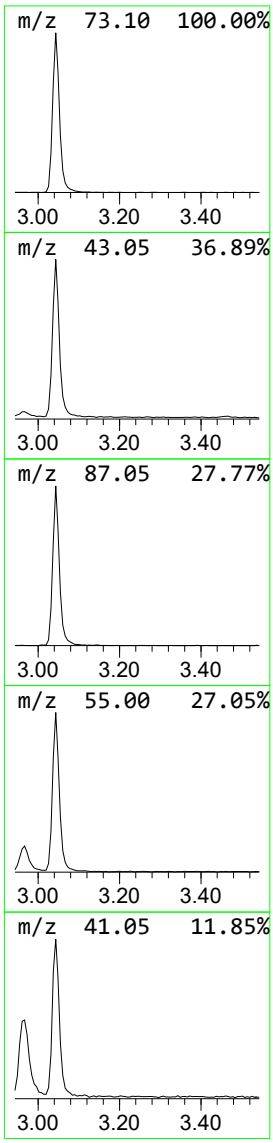
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.043 | 25.24 ng | 936479 | 1,4-Dichlorobenzene-d4 | 7.796 |

| 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 | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 23 |
| 4 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |



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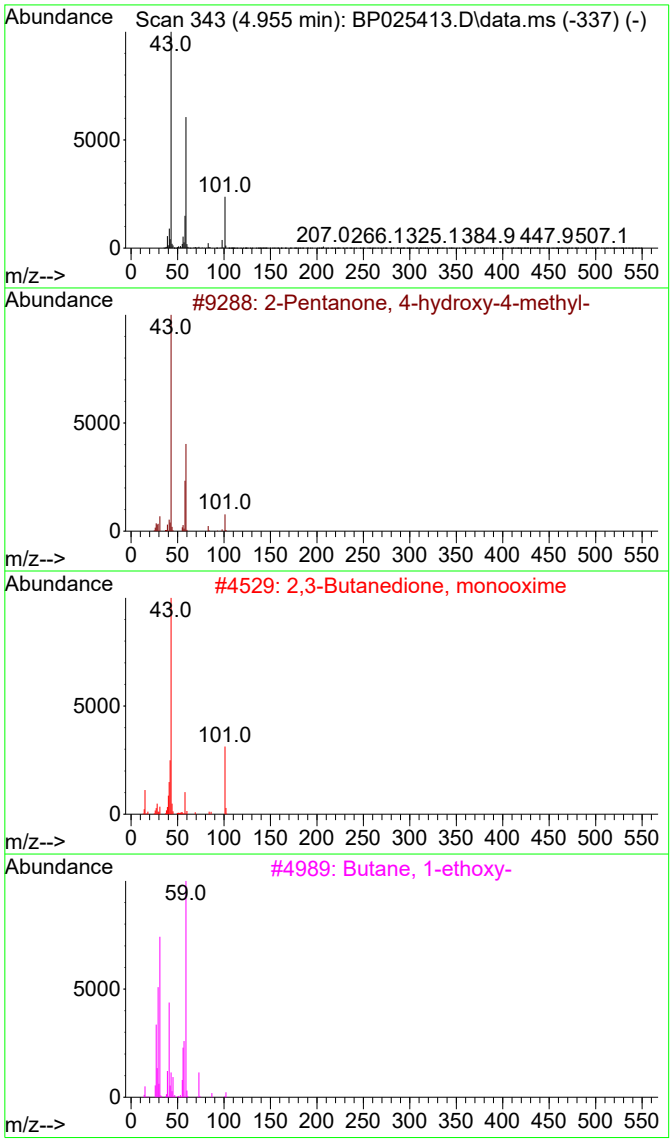
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

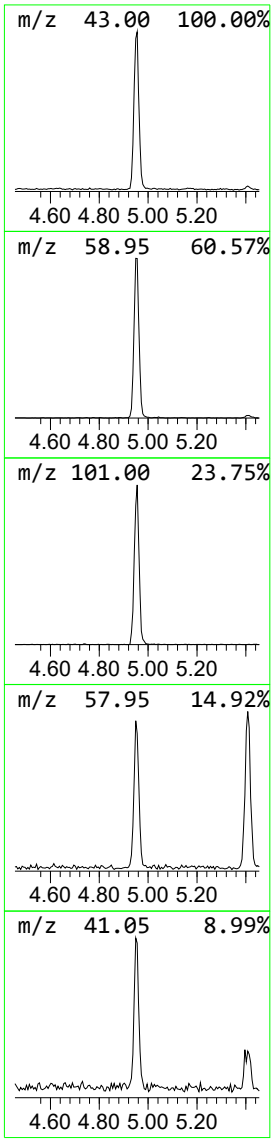
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.955 | 4.61 ng | 170997 | 1,4-Dichlorobenzene-d4 | 7.796 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 72 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 25 |
| 3 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |
| 4 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 9 |



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Acq On : 15 Aug 2025 04:26
Operator : CG/JU
Sample : Q2820-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
10P-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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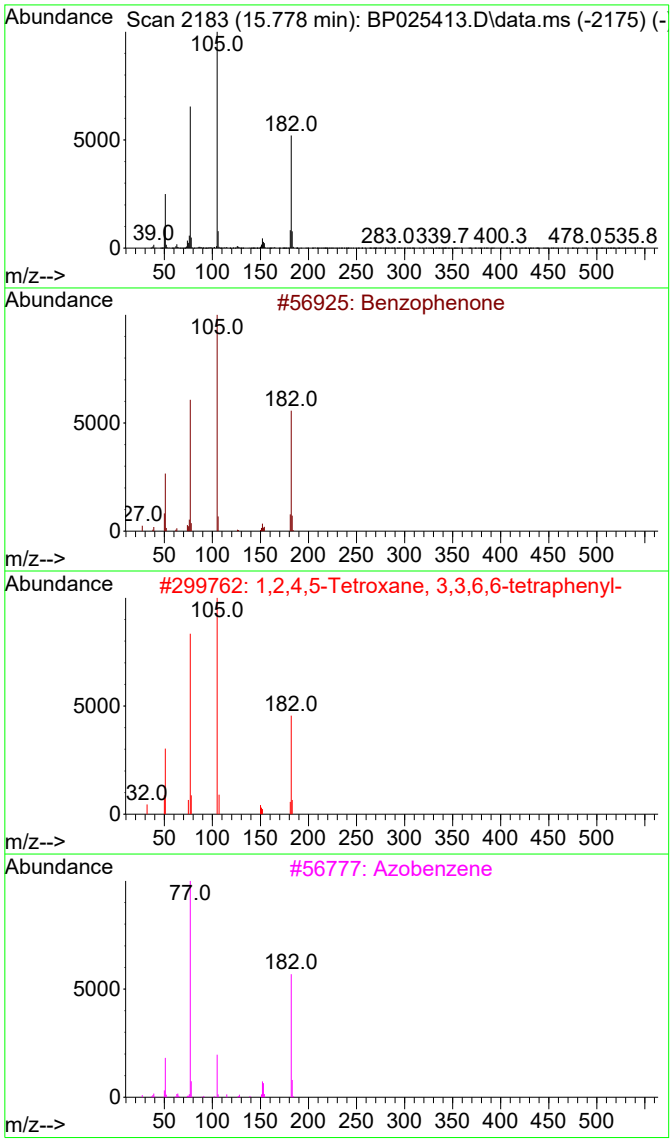
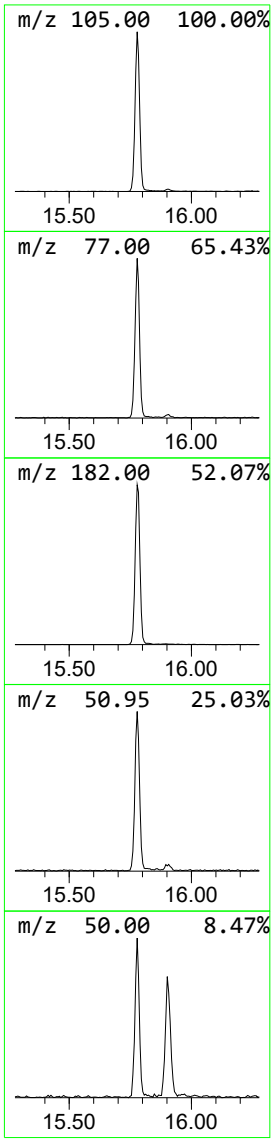
Peak Number 4 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.778 | 6.05 ng | 434769 | Acenaphthene-d10 | 14.407 |

| 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 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 64 |
| 4 | 1,2,4-Trioxolane, 3,3,5-triphenyl- | 304 | C20H16O3 | 023246-12-0 | 64 |
| 5 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 56 |



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Operator : CG/JU
Sample : Q2820-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
10P-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

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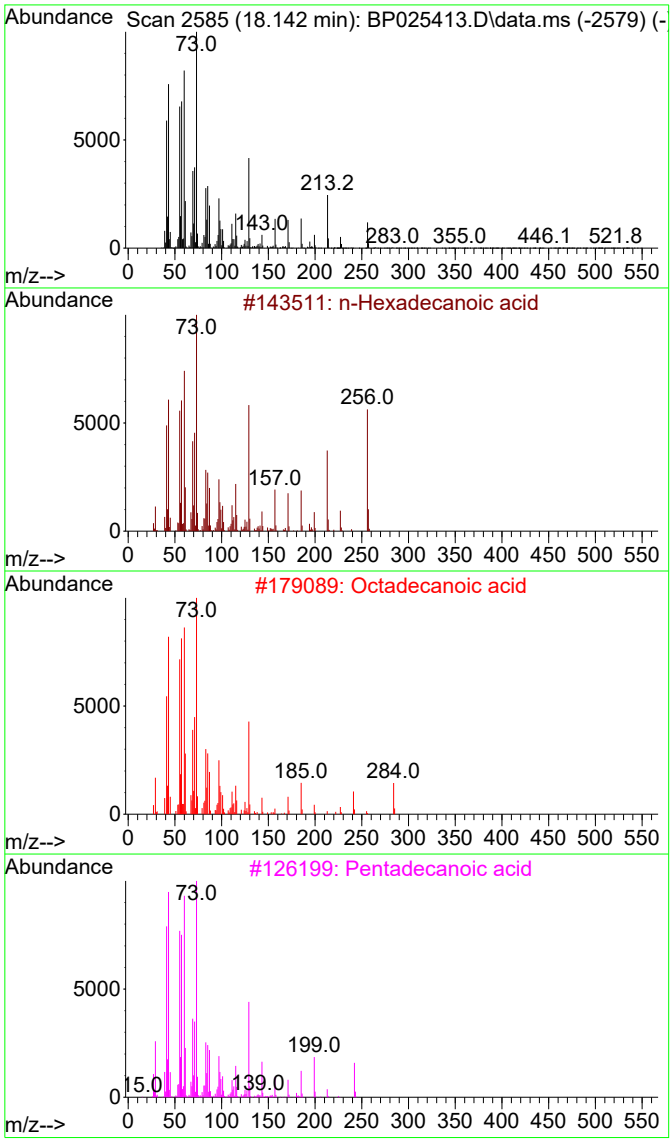
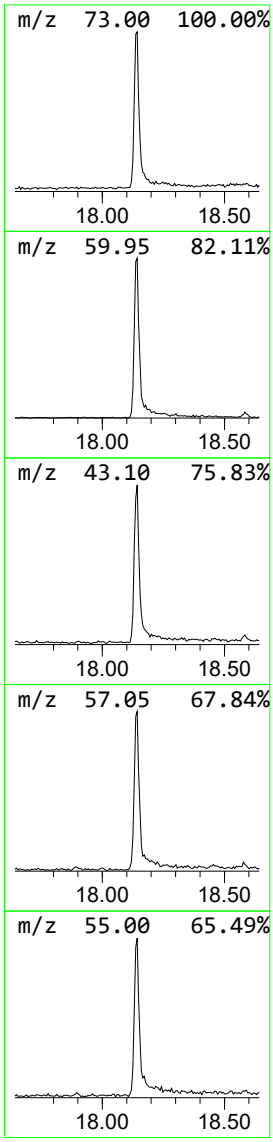
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.142 | 4.79 ng | 425497 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 89 |



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Operator : CG/JU
Sample : Q2820-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
10P-N

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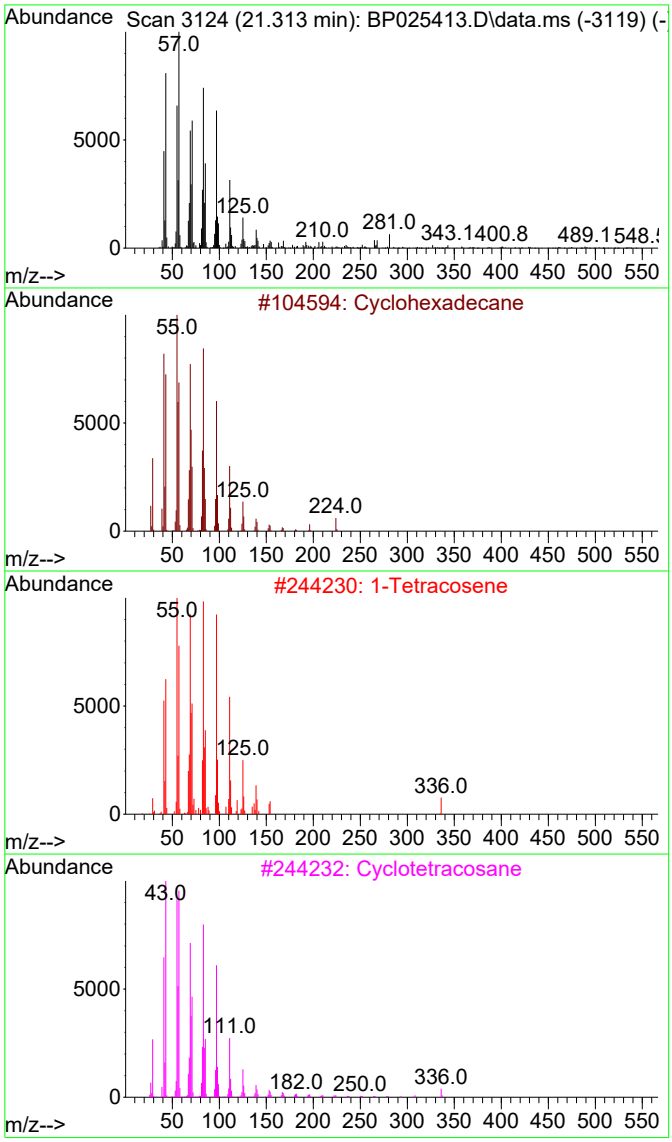
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

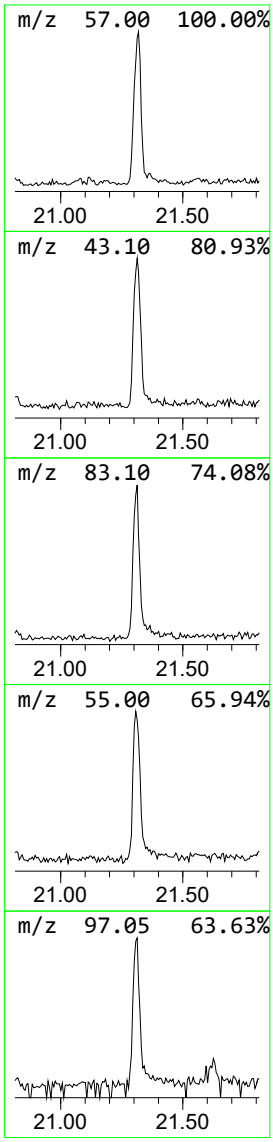
**********

Peak Number 6 Cyclohexadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.313 | 2.33 ng | 258937 | Chrysene-d12 | 21.630 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 98 |
| 2 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 98 |
| 3 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 96 |
| 4 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |



Tentatively Identified Compound (LSC) summary

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Sample : Q2820-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
10P-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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 3.043 | 25.2 | ng | 936479 | 1 | 7.796 | 742184 | 20.0 |
| 2-Pentanone, 4-... | 4.955 | 4.6 | ng | 170997 | 1 | 7.796 | 742184 | 20.0 |
| Benzophenone | 15.778 | 6.0 | ng | 434769 | 3 | 14.407 | 1437280 | 20.0 |
| n-Hexadecanoic ... | 18.142 | 4.8 | ng | 425497 | 4 | 17.195 | 1776460 | 20.0 |
| Cyclohexadecane | 21.313 | 2.3 | ng | 258937 | 5 | 21.630 | 2225240 | 20.0 |