LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025491.D
Acq On : 20 Aug 2025 02:29
Operator : CG/JU
Sample : Q2871-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DRILL CUTTING 1-3 COMP

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: BP025491.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.037 | 13 | 17 | 34 | rVB | 650740 | 791952 | 12.47% | 2.522% |
| 2 | 4.943 | 334 | 341 | 350 | rBV | 136744 | 208271 | 3.28% | 0.663% |
| 3 | 5.408 | 413 | 420 | 430 | rBV | 1368457 | 2097616 | 33.02% | 6.680% |
| 4 | 6.966 | 677 | 685 | 702 | rBV | 1329761 | 2197922 | 34.60% | 7.000% |
| 5 | 7.790 | 817 | 825 | 833 | rBV | 491414 | 806814 | 12.70% | 2.569% |
| 6 | 8.925 | 1010 | 1018 | 1031 | rBV | 785322 | 1449312 | 22.82% | 4.616% |
| 7 | 10.554 | 1286 | 1295 | 1309 | rBV | 624016 | 1109015 | 17.46% | 3.532% |
| 8 | 13.019 | 1706 | 1714 | 1729 | rBV | 2174357 | 3364008 | 52.96% | 10.713% |
| 9 | 14.401 | 1942 | 1949 | 1966 | rBV | 1028836 | 1523196 | 23.98% | 4.851% |
| 10 | 15.783 | 2179 | 2184 | 2191 | rBV | 225177 | 337259 | 5.31% | 1.074% |
| 11 | 15.913 | 2199 | 2206 | 2223 | rBV | 2027868 | 3041173 | 47.88% | 9.685% |
| 12 | 17.201 | 2419 | 2425 | 2437 | rBV | 1439599 | 1948777 | 30.68% | 6.206% |
| 13 | 18.148 | 2580 | 2586 | 2594 | rBV | 315298 | 479844 | 7.55% | 1.528% |
| 14 | 19.466 | 2806 | 2810 | 2818 | rBV2 | 69390 | 110487 | 1.74% | 0.352% |
| 15 | 19.924 | 2881 | 2888 | 2894 | rBV | 4727793 | 6351664 | 100.00% | 20.228% |
| 16 | 21.307 | 3118 | 3123 | 3133 | rBV | 277493 | 525364 | 8.27% | 1.673% |
| 17 | 21.630 | 3172 | 3178 | 3187 | rBV2 | 1625396 | 2453185 | 38.62% | 7.812% |
| 18 | 24.989 | 3741 | 3749 | 3764 | rVB | 964938 | 2605001 | 41.01% | 8.296% |

Sum of corrected areas: 31400860

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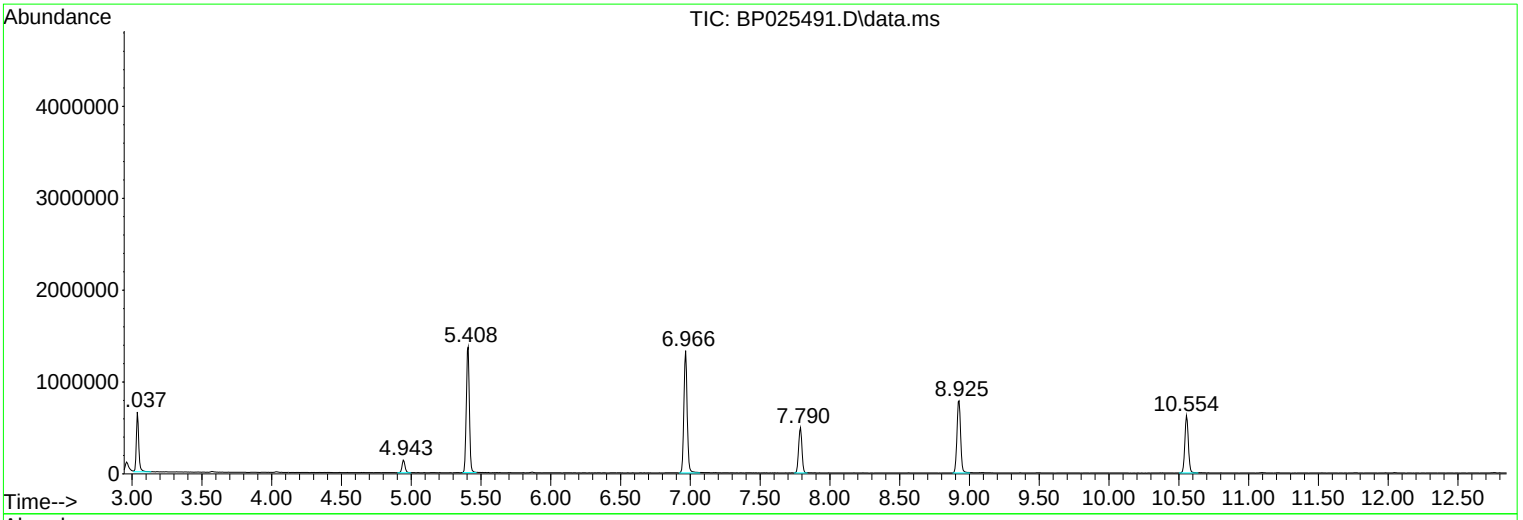
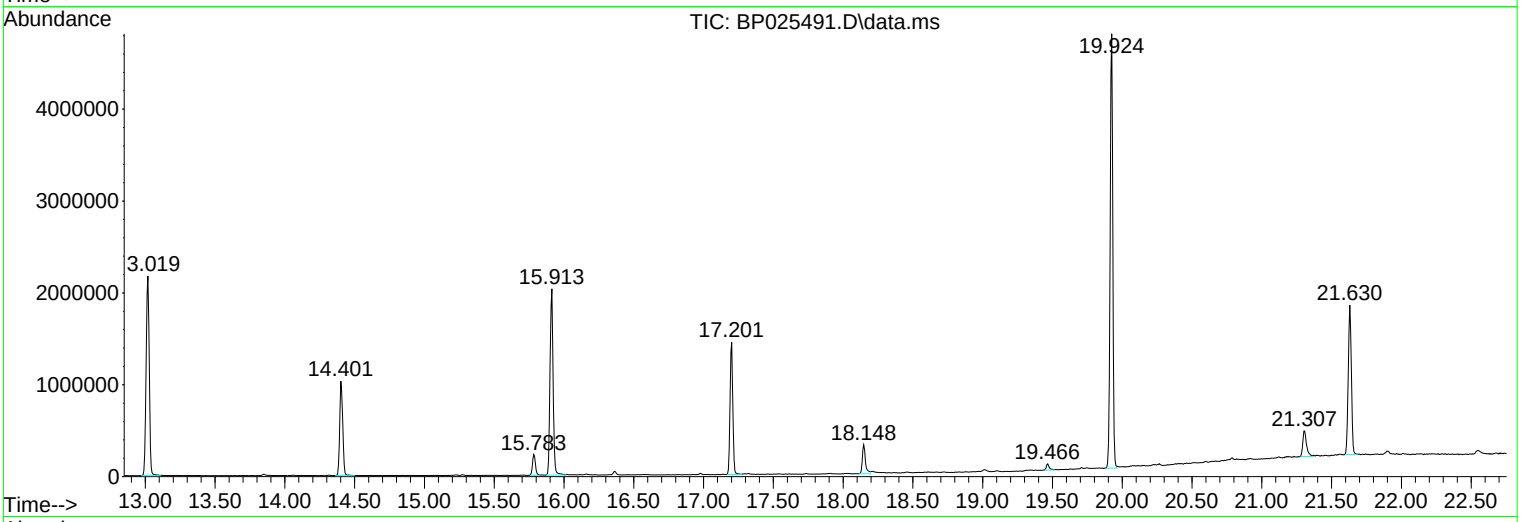
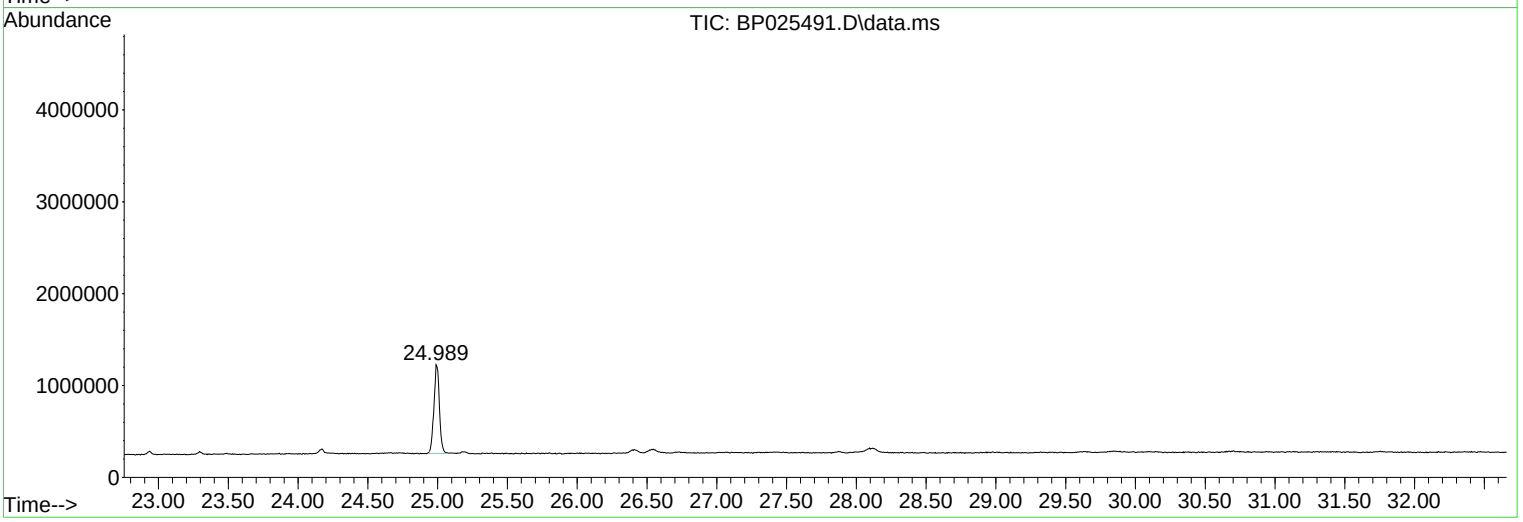
**Instrument :**
BNA_P
**ClientSampleId :**
DRILL CUTTING 1-3 COMP

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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**Instrument :**
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DRILL CUTTING 1-3 COMP

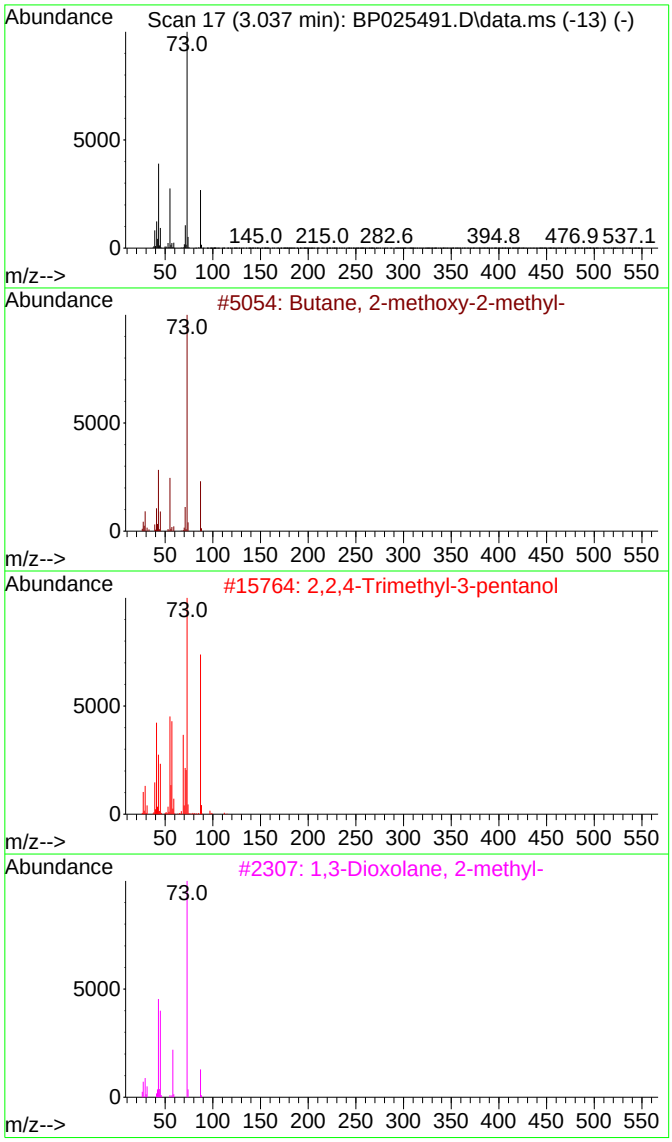
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

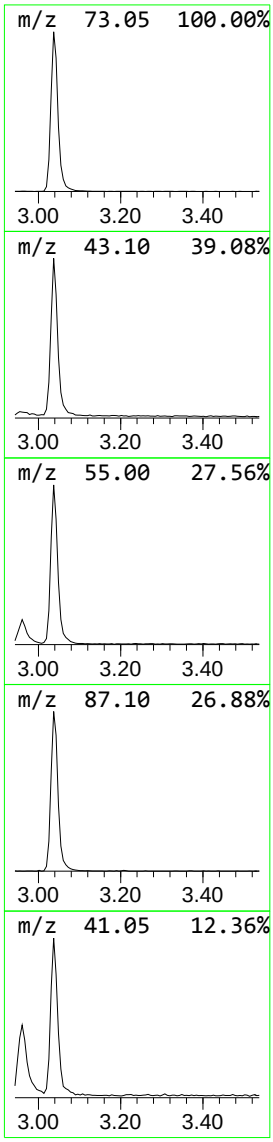
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.037 | 19.63 ng | 791952 | 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 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |
| 4 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



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Acq On : 20 Aug 2025 02:29
Operator : CG/JU
Sample : Q2871-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DRILL CUTTING 1-3 COMP

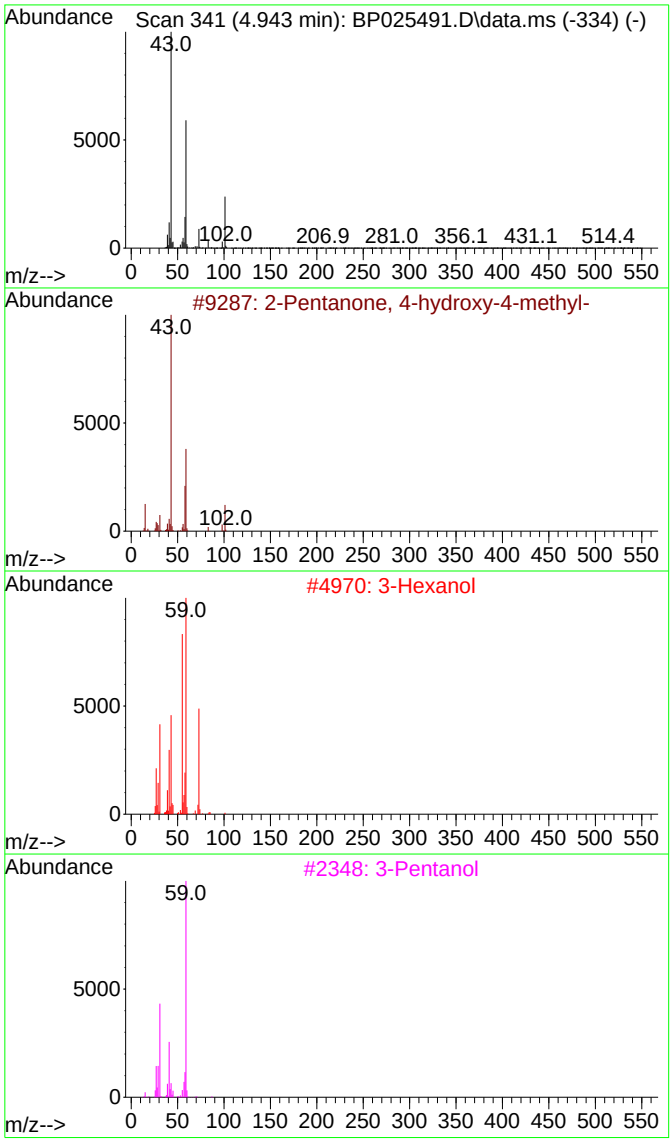
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

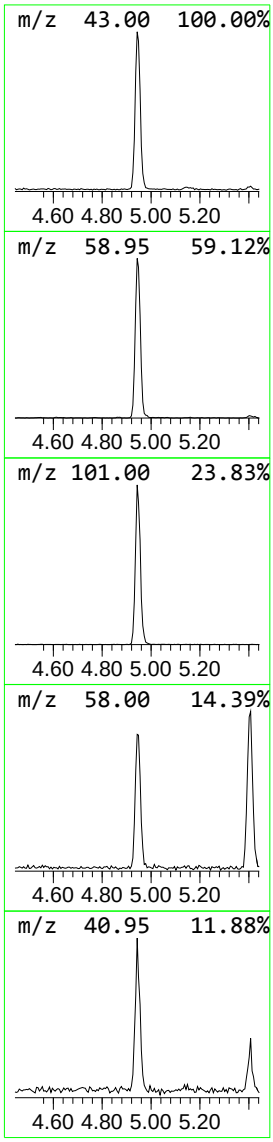
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.943 | 5.16 ng | 208271 | 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 | 40 |
| 2 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 28 |
| 3 | 3-Pentanol | 88 | C5H12O | 000584-02-1 | 25 |
| 4 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 23 |
| 5 | 3-Hydroxy-3-methyl-2-butanone | 102 | C5H10O2 | 000115-22-0 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025491.D
Acq On : 20 Aug 2025 02:29
Operator : CG/JU
Sample : Q2871-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DRILL CUTTING 1-3 COMP

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

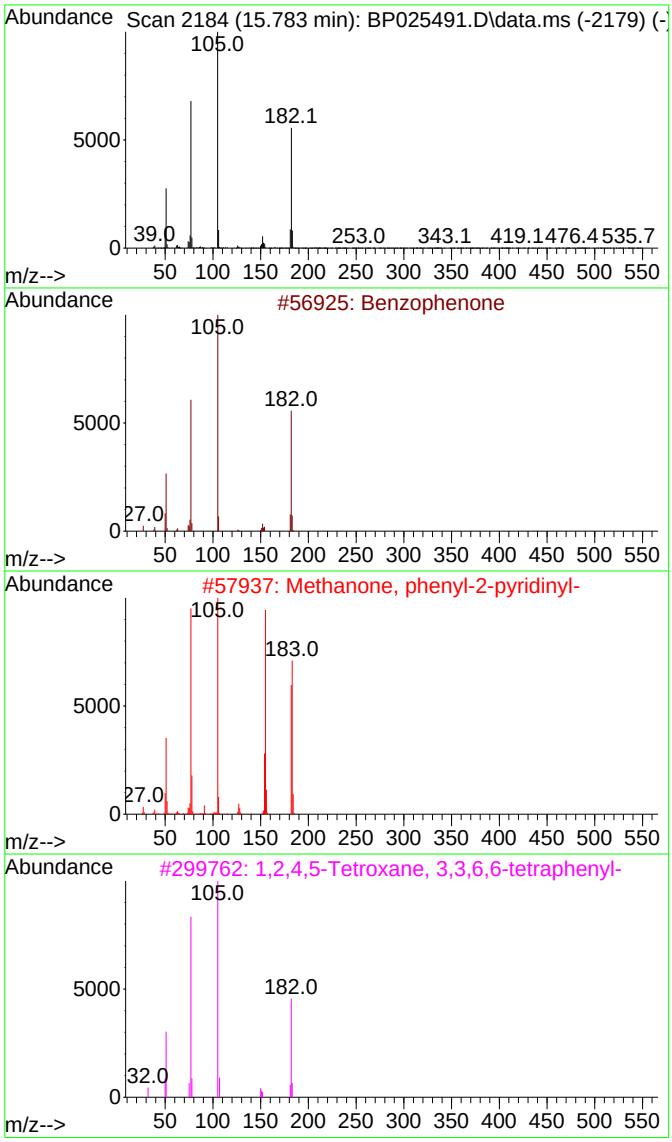
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

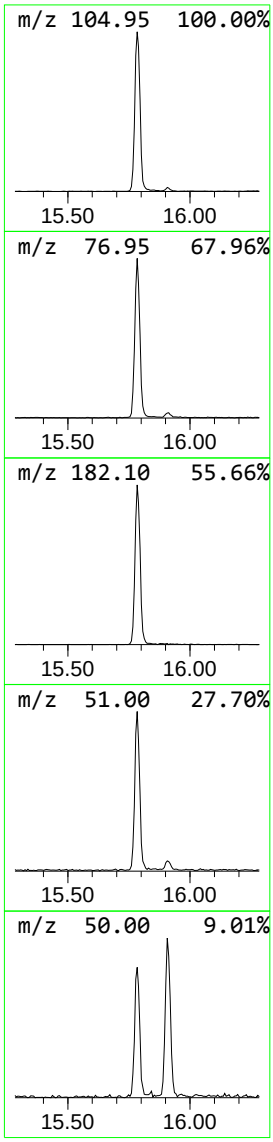
**********

Peak Number 3 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.784 | 4.43 ng | 337259 | Acenaphthene-d10 | 14.401 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 78 |
| 3 | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64 |
| 4 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 58 |
| 5 | N-(5-Ethyl-1,3,4-thiadiazol-2-yl... | 233 | C11H11N3OS | 036231-88-6 | 37 |



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Data File : BP025491.D
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Operator : CG/JU
Sample : Q2871-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DRILL CUTTING 1-3 COMP

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

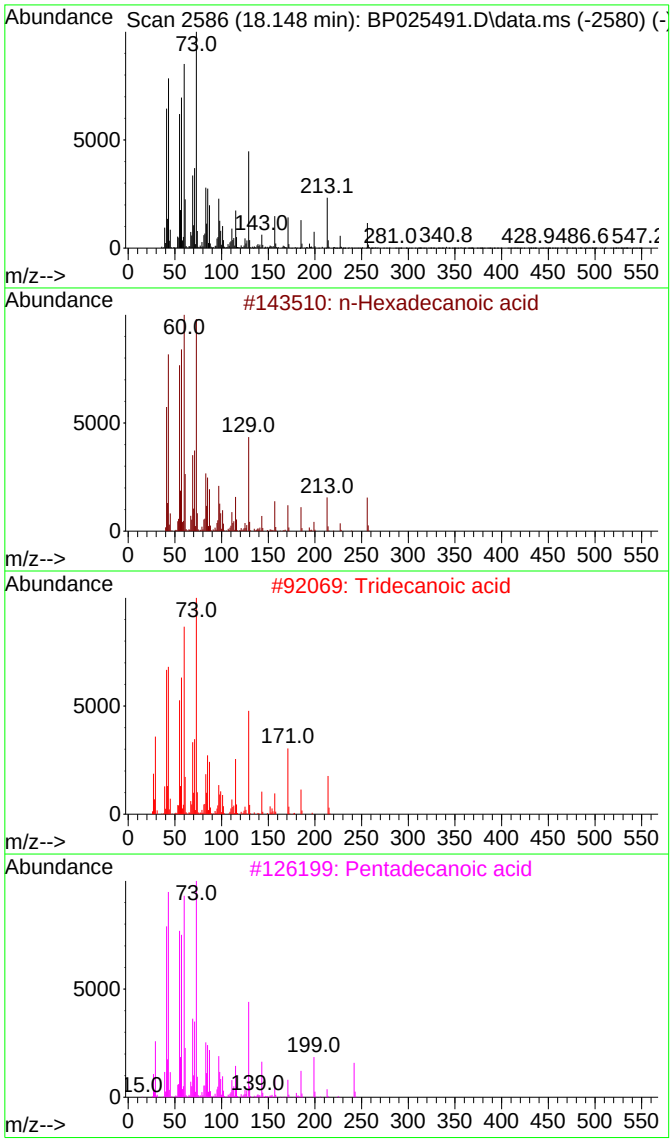
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

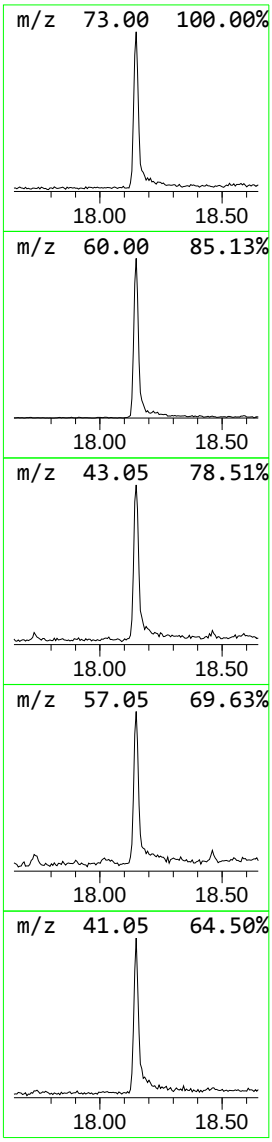
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.148 | 4.92 ng | 479844 | 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 | 95 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 89 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |



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Operator : CG/JU
Sample : Q2871-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DRILL CUTTING 1-3 COMP

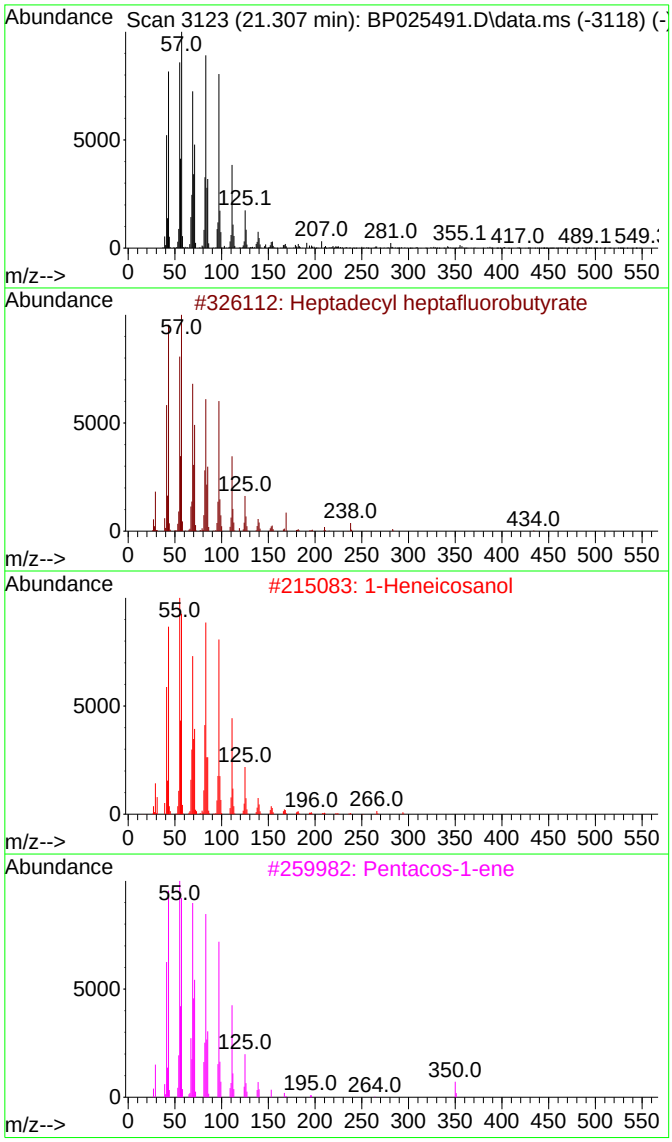
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

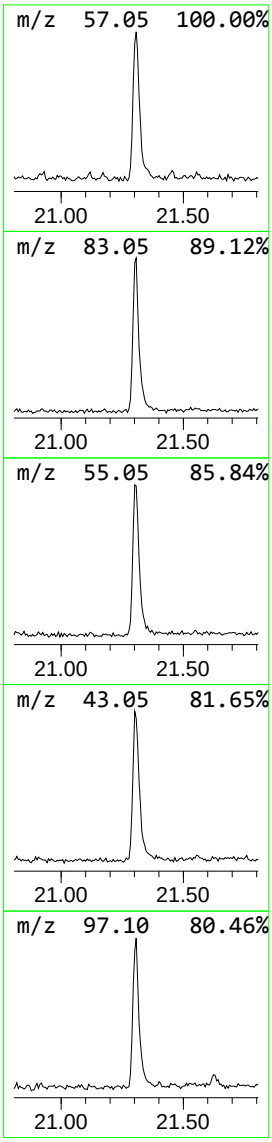
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.307 | 4.28 ng | 525364 | Chrysene-d12 | 21.630 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 3 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 94 |
| 4 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 91 |
| 5 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_P
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DRILL CUTTING 1-3 COMP

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... | 3.037 | 19.6 | ng | 791952 | 1 | 7.790 | 806814 | 20.0 |
| 2-Pentanone, 4-... | 4.943 | 5.2 | ng | 208271 | 1 | 7.790 | 806814 | 20.0 |
| Benzophenone | 15.784 | 4.4 | ng | 337259 | 3 | 14.401 | 1523200 | 20.0 |
| n-Hexadecanoic ... | 18.148 | 4.9 | ng | 479844 | 4 | 17.201 | 1948780 | 20.0 |
| Heptadecyl hept... | 21.307 | 4.3 | ng | 525364 | 5 | 21.630 | 2453190 | 20.0 |