LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
Data File : BP025916.D
Acq On : 03 Oct 2025 16:21
Operator : CG/JU
Sample : Q3269-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EG1-TP2

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025916.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.008 | 7 | 12 | 25 | rVB | 1068935 | 1316490 | 23.45% | 3.341% |
| 2 | 5.378 | 409 | 415 | 438 | rBV | 1615218 | 2736200 | 48.73% | 6.943% |
| 3 | 6.943 | 674 | 681 | 703 | rBV | 1338899 | 2766899 | 49.28% | 7.021% |
| 4 | 7.743 | 810 | 817 | 826 | rBV | 597271 | 1026444 | 18.28% | 2.605% |
| 5 | 8.884 | 1004 | 1011 | 1031 | rBV | 886750 | 1779251 | 31.69% | 4.515% |
| 6 | 10.507 | 1277 | 1287 | 1304 | rBV | 681609 | 1424379 | 25.37% | 3.614% |
| 7 | 12.960 | 1696 | 1704 | 1730 | rBV | 2236338 | 3940621 | 70.18% | 10.000% |
| 8 | 14.348 | 1932 | 1940 | 1956 | rBV | 1244847 | 1961183 | 34.93% | 4.977% |
| 9 | 15.725 | 2167 | 2174 | 2187 | rBV | 324578 | 545436 | 9.71% | 1.384% |
| 10 | 15.866 | 2191 | 2198 | 2219 | rBV | 1804996 | 3388211 | 60.34% | 8.598% |
| 11 | 16.548 | 2309 | 2314 | 2324 | rBV4 | 33456 | 82167 | 1.46% | 0.209% |
| 12 | 17.142 | 2408 | 2415 | 2420 | rBV2 | 1520418 | 2276942 | 40.55% | 5.778% |
| 13 | 17.183 | 2420 | 2422 | 2432 | rVB | 155839 | 247250 | 4.40% | 0.627% |
| 14 | 17.954 | 2548 | 2553 | 2562 | rBV2 | 54541 | 105535 | 1.88% | 0.268% |
| 15 | 18.077 | 2567 | 2574 | 2590 | rBV | 1489168 | 2411325 | 42.94% | 6.119% |
| 16 | 19.272 | 2772 | 2777 | 2786 | rBV | 407405 | 639042 | 11.38% | 1.622% |
| 17 | 19.413 | 2795 | 2801 | 2813 | rBV | 383380 | 855207 | 15.23% | 2.170% |
| 18 | 19.648 | 2837 | 2841 | 2852 | rVB | 331905 | 514051 | 9.16% | 1.304% |
| 19 | 19.866 | 2873 | 2878 | 2884 | rBV | 4361129 | 5614917 | 100.00% | 14.248% |
| 20 | 21.248 | 3109 | 3113 | 3121 | rVB | 425936 | 668832 | 11.91% | 1.697% |
| 21 | 21.601 | 3167 | 3173 | 3178 | rBV | 1651210 | 2625234 | 46.75% | 6.662% |
| 22 | 24.959 | 3735 | 3744 | 3754 | rVB | 897514 | 2482147 | 44.21% | 6.299% |

Sum of corrected areas: 39407763

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**Instrument :**
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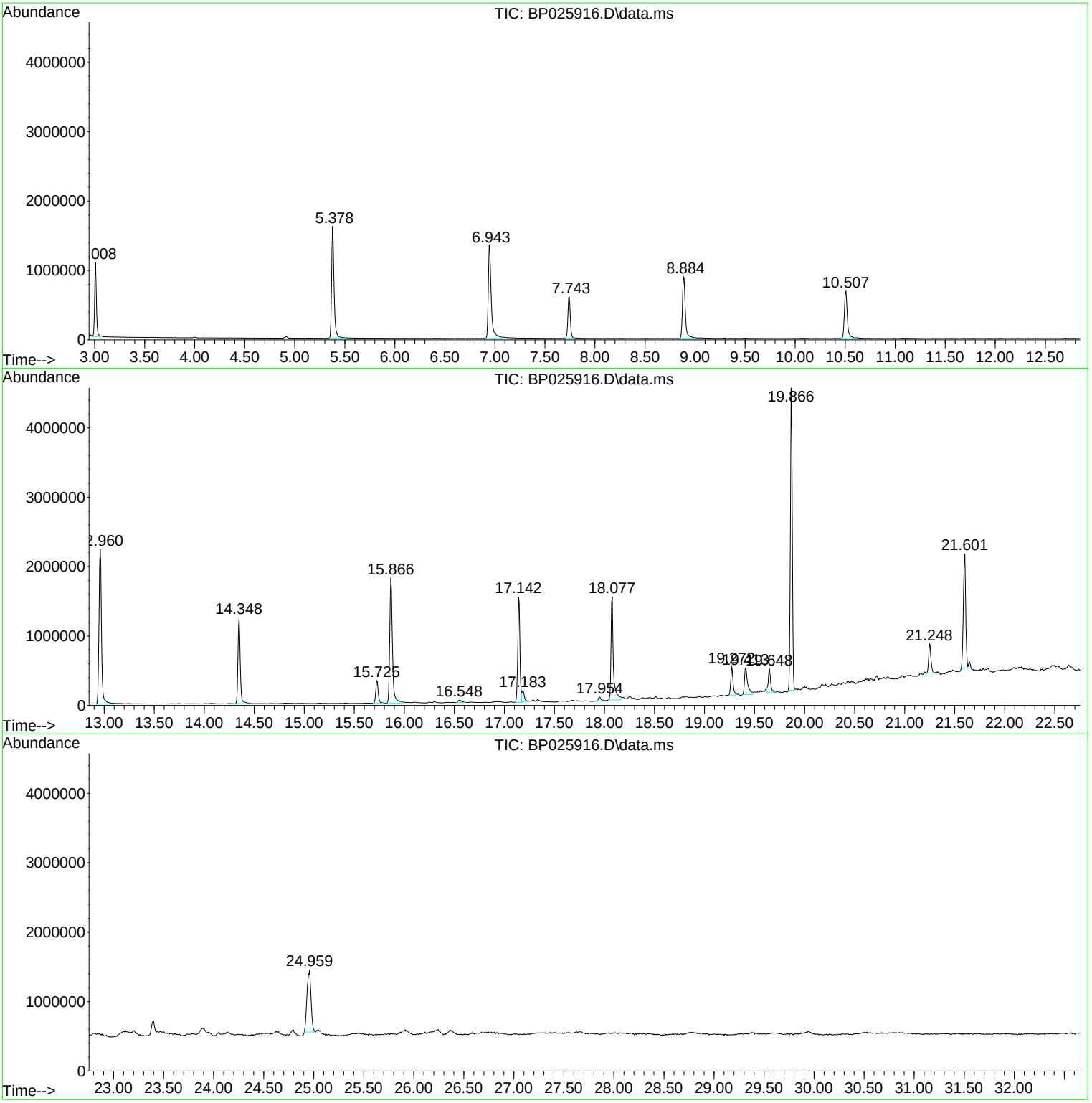
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q3269-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EG1-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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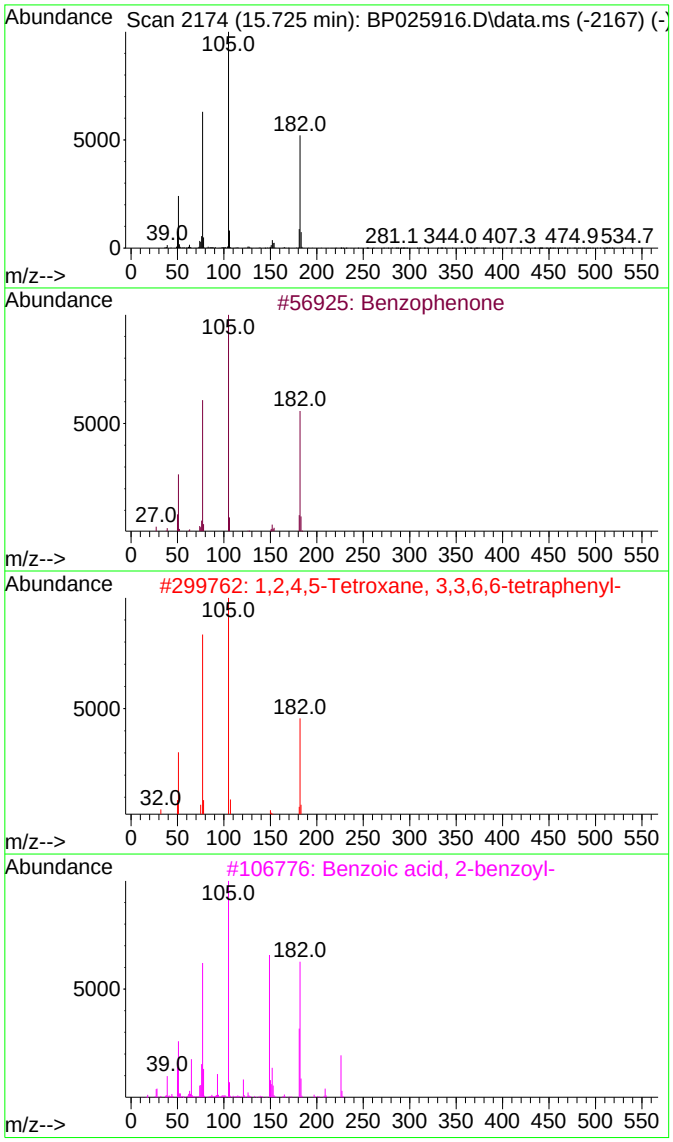
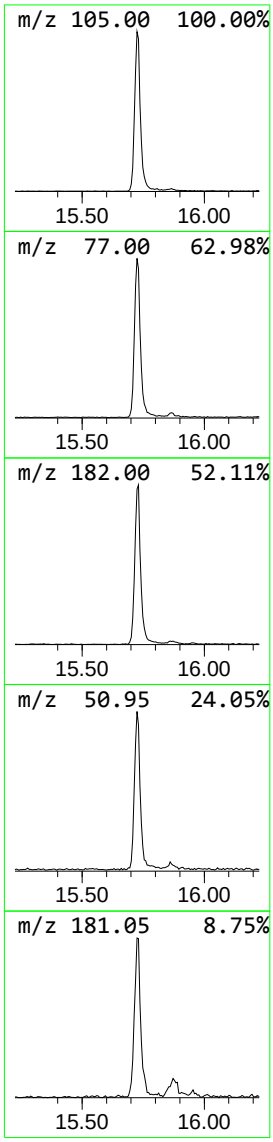
Peak Number 2 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.725 | 5.56 ng | 545436 | Acenaphthene-d10 | 14.348 |

| 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 | 78 |
| 3 | Benzoic acid, 2-benzoyl- | 226 | C14H10O3 | 000085-52-9 | 56 |
| 4 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 50 |
| 5 | 1,2,4-Trioxolane, 3,3,5-triphenyl- | 304 | C20H16O3 | 023246-12-0 | 50 |



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Sample : Q3269-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EG1-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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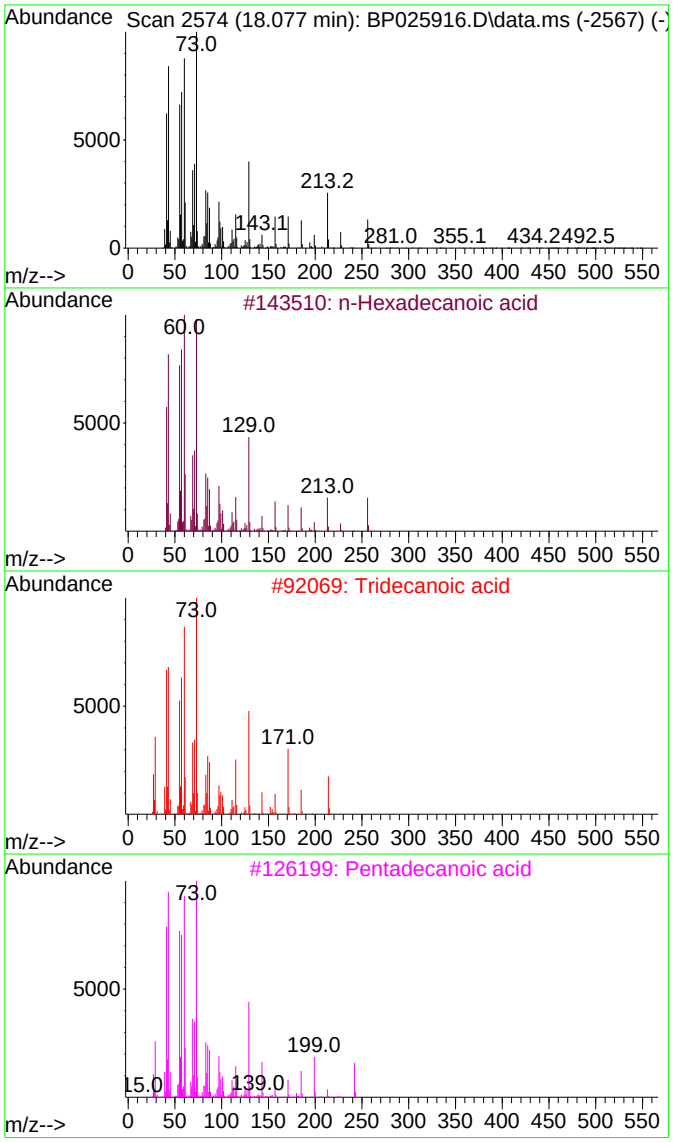
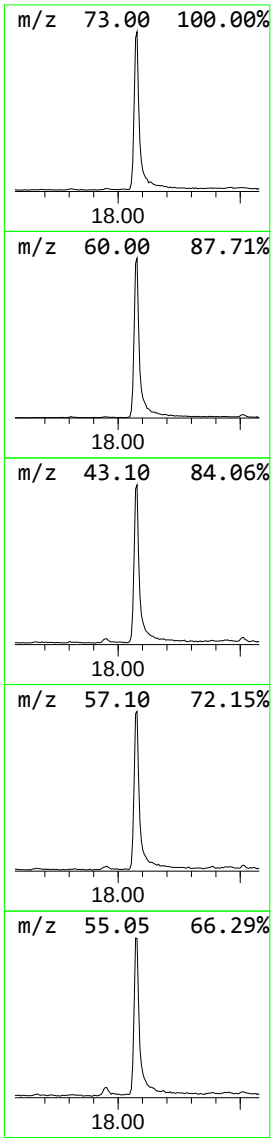
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.077 | 21.18 ng | 2411330 | Phenanthrene-d10 | 17.142 |

| 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 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |
| 5 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 68 |



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Data File : BP025916.D
Acq On : 03 Oct 2025 16:21
Operator : CG/JU
Sample : Q3269-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EG1-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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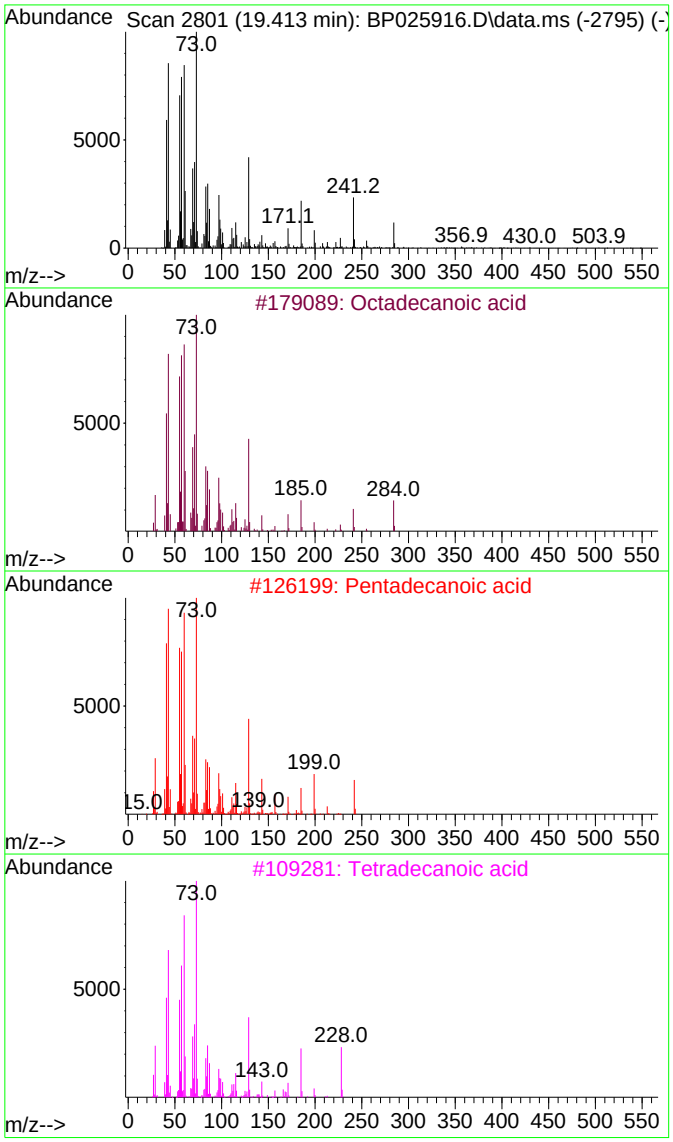
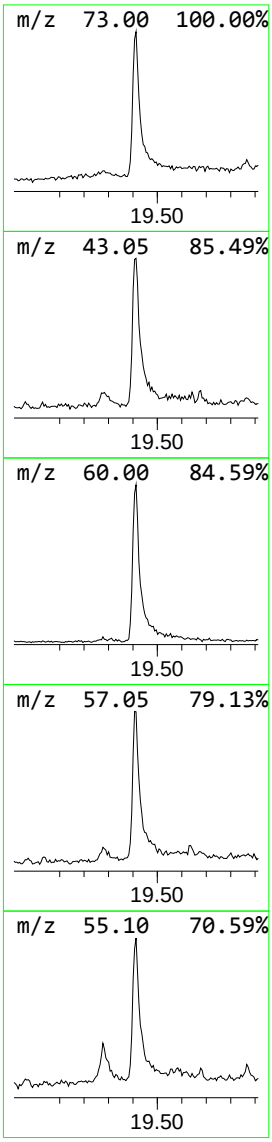
Peak Number 4 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.413 | 6.52 ng | 855207 | Chrysene-d12 | 21.601 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 68 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 64 |



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Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
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EG1-TP2

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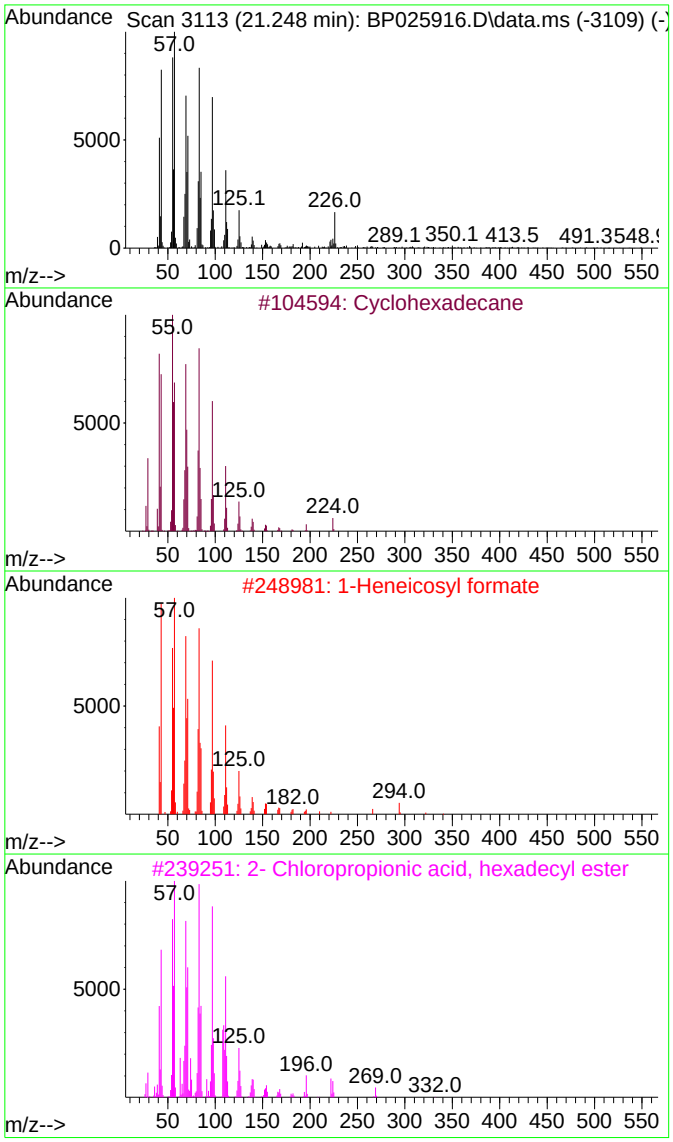
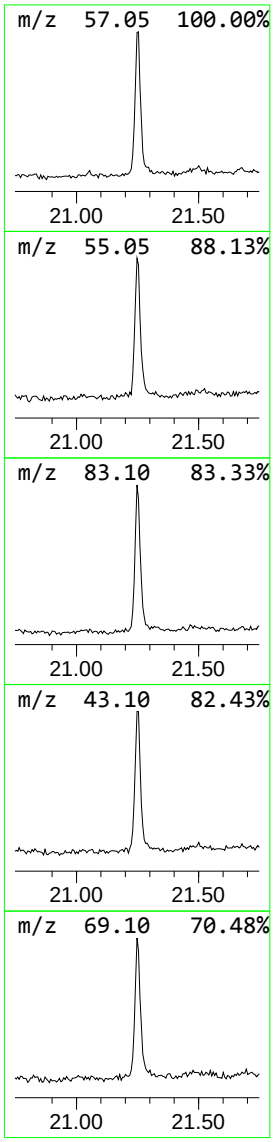
Peak Number 5 Cyclohexadecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.248 | 5.10 ng | 668832 | Chrysene-d12 | 21.601 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 2 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 3 | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1 | 93 |
| 4 | Pentadecafluorooctanoic acid, he... | 638 | C24H33F15O2 | 1000406-04-6 | 93 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |



Tentatively Identified Compound (LSC) summary

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Sample : Q3269-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EG1-TP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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 |
| Benzophenone | 15.725 | 5.6 | ng | 545436 | 3 | 14.348 | 1961180 | 20.0 |
| n-Hexadecanoic ... | 18.077 | 21.2 | ng | 2411330 | 4 | 17.142 | 2276940 | 20.0 |
| Octadecanoic acid | 19.413 | 6.5 | ng | 855207 | 5 | 21.601 | 2625230 | 20.0 |
| Cyclohexadecane | 21.248 | 5.1 | ng | 668832 | 5 | 21.601 | 2625230 | 20.0 |