LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049884.D
Acq On : 10 Apr 2025 14:49
Operator : RC/JU
Sample : Q1752-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

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_M\Methods\8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049884.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.893 | 319 | 324 | 332 | rBV | 915917 | 1219044 | 8.66% | 1.825% |
| 2 | 5.357 | 397 | 403 | 415 | rBV | 3938430 | 5756621 | 40.88% | 8.616% |
| 3 | 5.969 | 502 | 507 | 517 | rVB | 146680 | 213582 | 1.52% | 0.320% |
| 4 | 6.951 | 666 | 674 | 692 | rBV | 3770853 | 5946821 | 42.23% | 8.901% |
| 5 | 7.775 | 807 | 814 | 823 | rBV | 928480 | 1407676 | 10.00% | 2.107% |
| 6 | 8.928 | 1002 | 1010 | 1023 | rBV | 2233811 | 3647687 | 25.90% | 5.459% |
| 7 | 10.569 | 1280 | 1289 | 1301 | rBV | 1083678 | 1798683 | 12.77% | 2.692% |
| 8 | 13.039 | 1701 | 1709 | 1720 | rBV | 6321916 | 8895319 | 63.16% | 13.314% |
| 9 | 14.416 | 1934 | 1943 | 1950 | rBV | 1800660 | 2571219 | 18.26% | 3.848% |
| 10 | 15.774 | 2168 | 2174 | 2182 | rBV | 1285044 | 1690389 | 12.00% | 2.530% |
| 11 | 15.904 | 2189 | 2196 | 2213 | rBV | 5931263 | 8061788 | 57.24% | 12.066% |
| 12 | 16.339 | 2264 | 2270 | 2275 | rVB | 137144 | 182000 | 1.29% | 0.272% |
| 13 | 17.162 | 2403 | 2410 | 2422 | rBV | 2151467 | 3128738 | 22.22% | 4.683% |
| 14 | 18.057 | 2557 | 2562 | 2572 | rBV | 358600 | 598718 | 4.25% | 0.896% |
| 15 | 19.339 | 2776 | 2780 | 2790 | rBV3 | 98114 | 177545 | 1.26% | 0.266% |
| 16 | 19.786 | 2850 | 2856 | 2866 | rBV | 12280498 | 14083000 | 100.00% | 21.078% |
| 17 | 21.080 | 3072 | 3076 | 3083 | rBV2 | 236057 | 419780 | 2.98% | 0.628% |
| 18 | 21.398 | 3124 | 3130 | 3135 | rBV | 2383377 | 3466349 | 24.61% | 5.188% |
| 19 | 24.391 | 3631 | 3639 | 3651 | rVB | 1391361 | 3549039 | 25.20% | 5.312% |

Sum of corrected areas: 66813998

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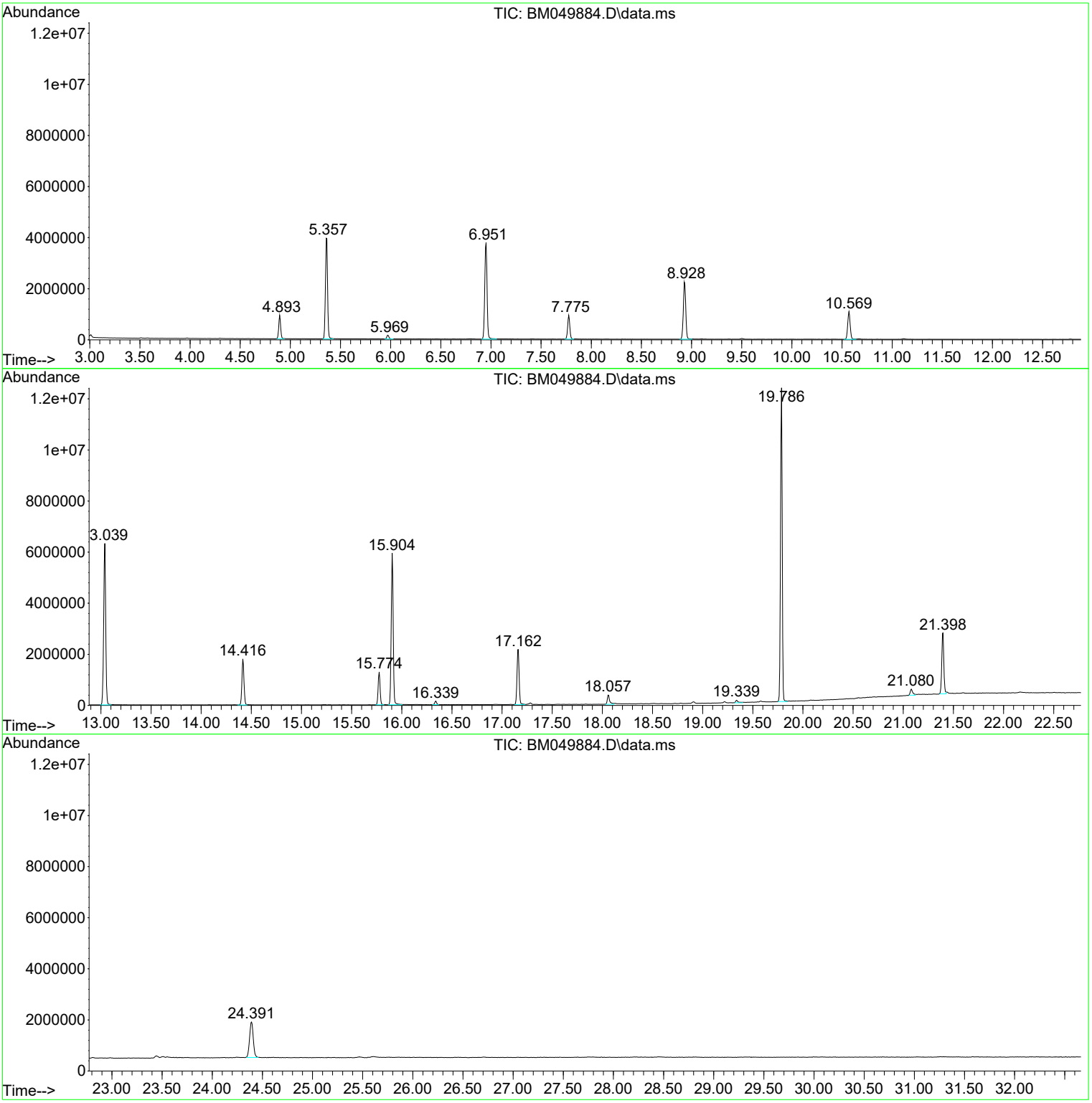
**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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 : BM049884.D
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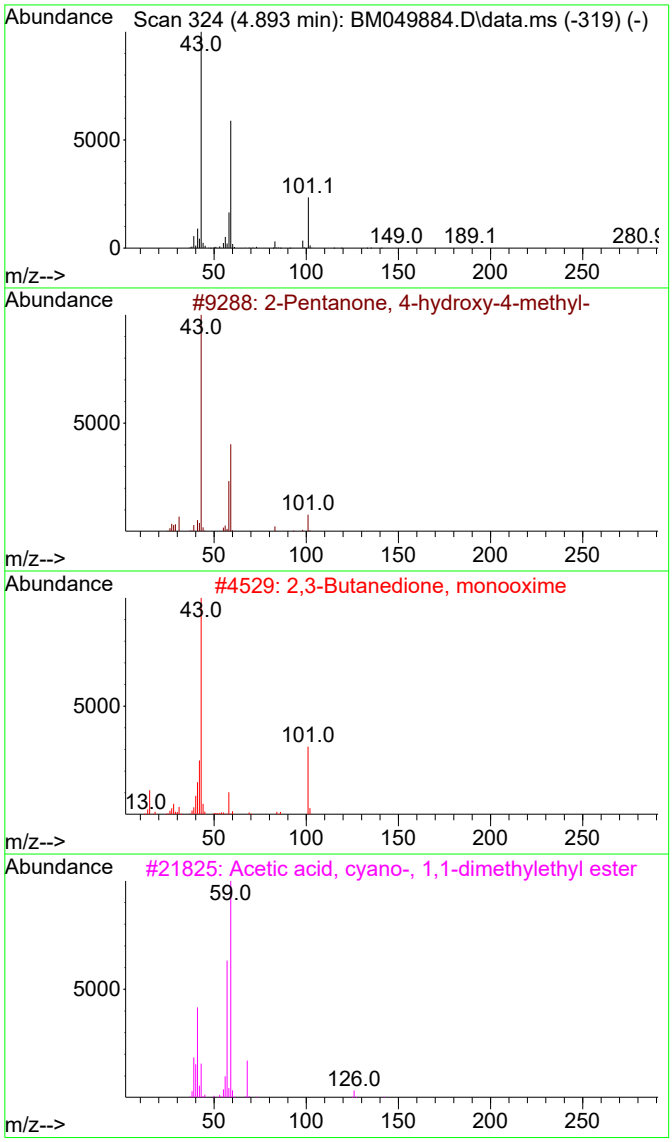
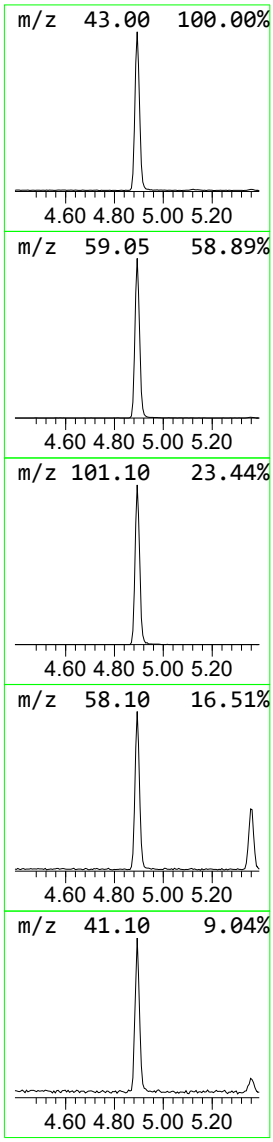
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.893 | 17.32 ng | 1219040 | 1,4-Dichlorobenzene-d4 | 7.775 |

| 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 | 17 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Formamide, N,N-diethyl- | 101 | C5H11NO | 000617-84-5 | 9 |



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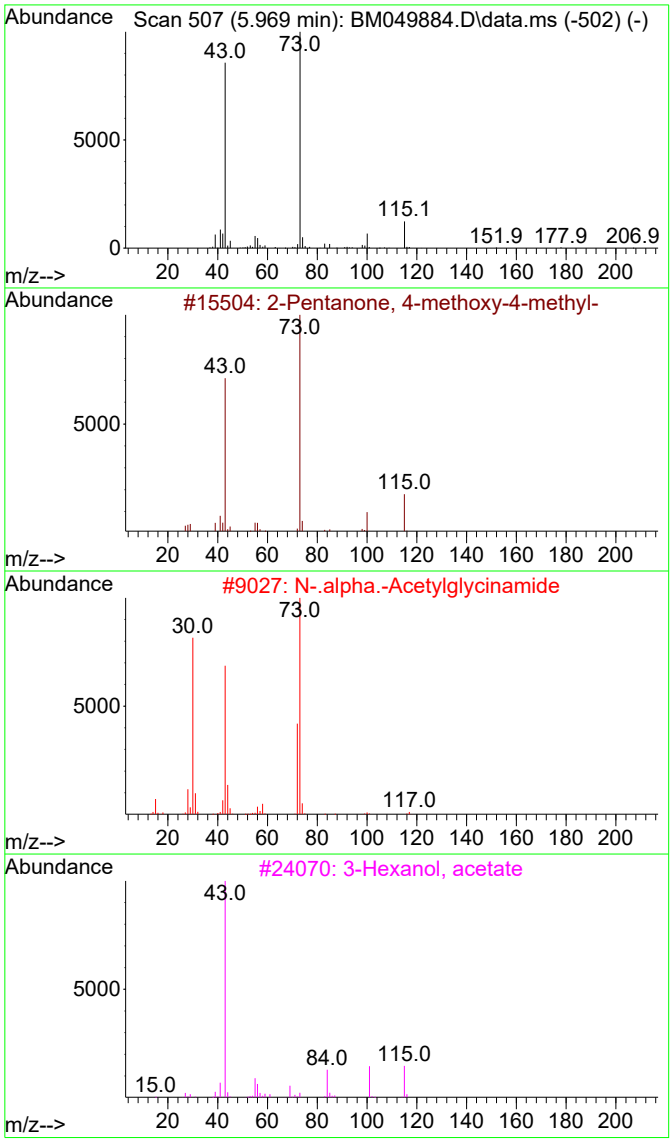
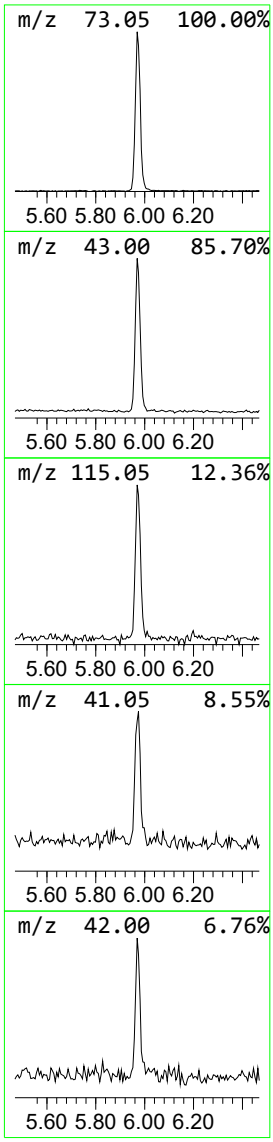
**********
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.969 | 3.03 ng | 213582 | 1,4-Dichlorobenzene-d4 | 7.775 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-methoxy-4-methyl- | 130 | C7H14O2 | 000107-70-0 | 83 |
| 2 | N-.alpha.-Acetylglycinamide | 116 | C4H8N2O2 | 002620-63-5 | 47 |
| 3 | 3-Hexanol, acetate | 144 | C8H16O2 | 040780-64-1 | 17 |
| 4 | 1,3-Dioxolane, 2-(1-methylethyl)- | 116 | C6H12O2 | 000822-83-3 | 12 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 9 |



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Sample : Q1752-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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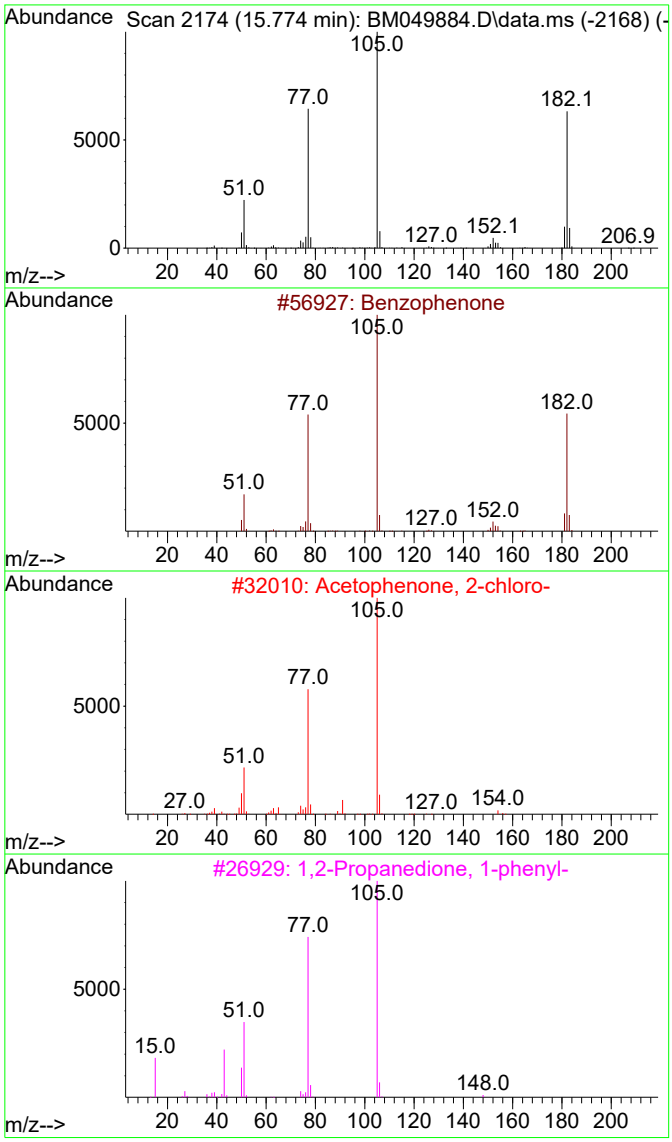
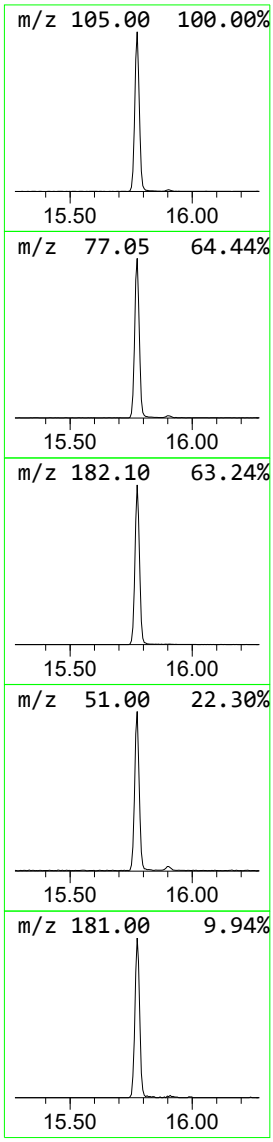
Peak Number 3 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.774 | 13.15 ng | 1690390 | Acenaphthene-d10 | 14.416 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 46 |
| 3 | 1,2-Propanedione, 1-phenyl- | 148 | C9H8O2 | 000579-07-7 | 43 |
| 4 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 43 |
| 5 | Benzenecarbothioic acid | 138 | C7H6OS | 000098-91-9 | 43 |



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Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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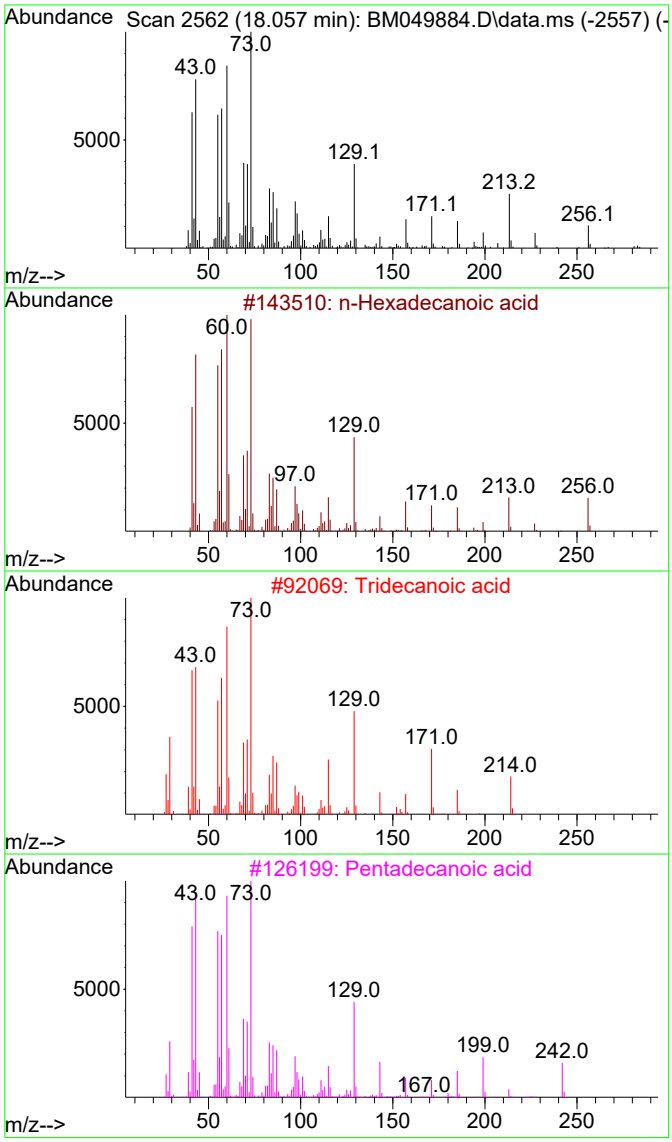
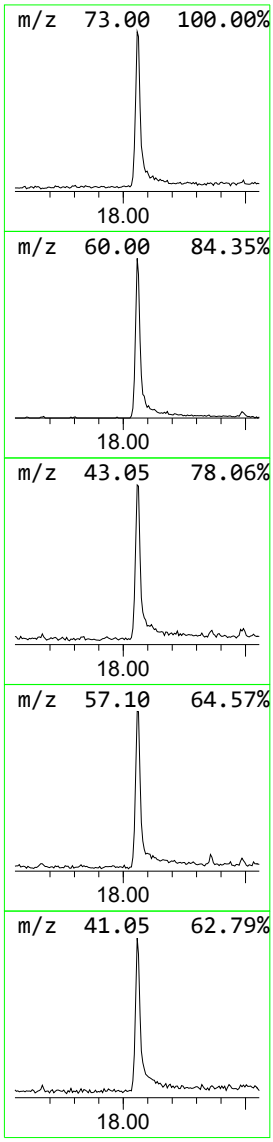
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.057 | 3.83 ng | 598718 | Phenanthrene-d10 | 17.157 |

| 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 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 81 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |



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Operator : RC/JU
Sample : Q1752-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
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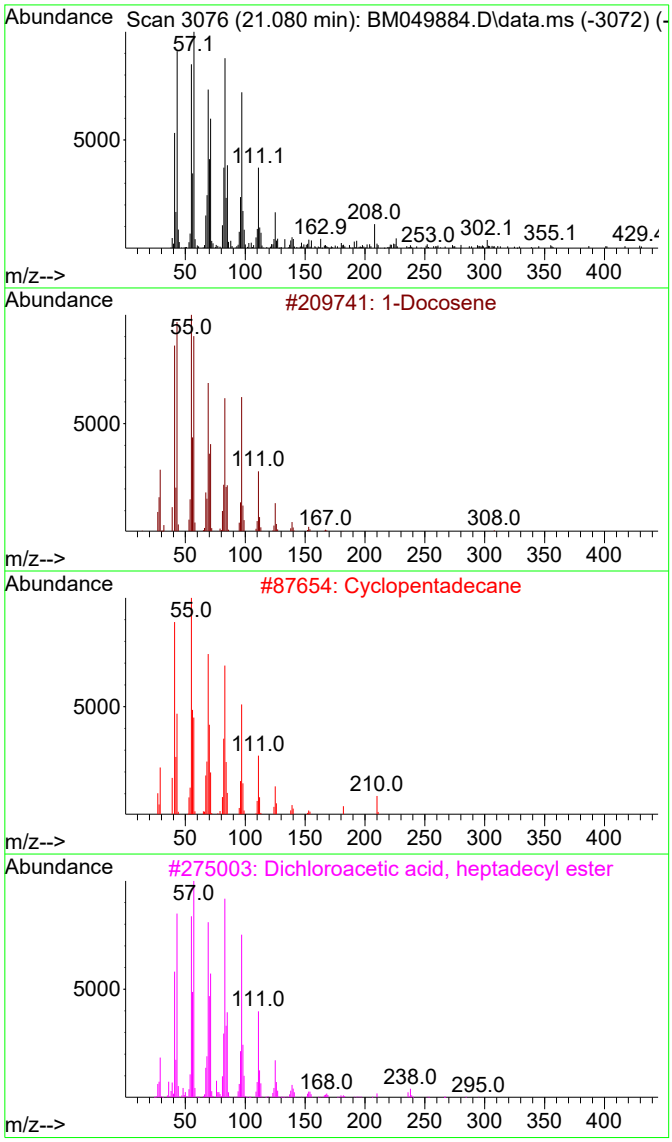
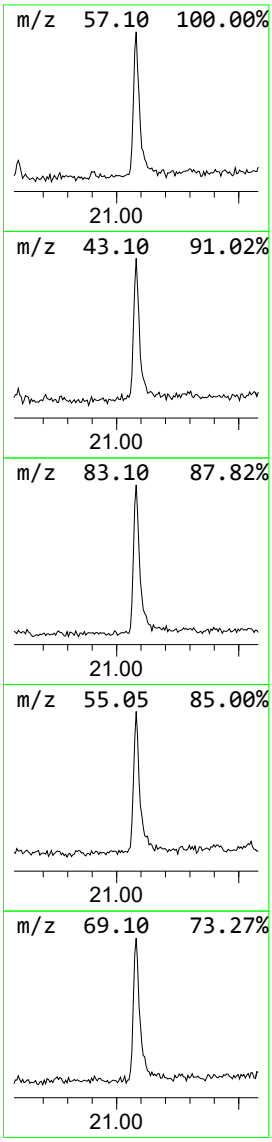
**********

Peak Number 5 1-Docosene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.080 | 2.42 ng | 419780 | Chrysene-d12 | 21.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 95 |
| 2 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 94 |
| 3 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |
| 4 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 93 |
| 5 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 93 |



Tentatively Identified Compound (LSC) summary

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.893 | 17.3 | ng | 1219040 | 1 | 7.775 | 1407680 | 20.0 |
| 2-Pentanone, 4-... | 5.969 | 3.0 | ng | 213582 | 1 | 7.775 | 1407680 | 20.0 |
| Benzophenone | 15.774 | 13.2 | ng | 1690390 | 3 | 14.416 | 2571220 | 20.0 |
| n-Hexadecanoic ... | 18.057 | 3.8 | ng | 598718 | 4 | 17.157 | 3128740 | 20.0 |
| 1-Docosene | 21.080 | 2.4 | ng | 419780 | 5 | 21.398 | 3466350 | 20.0 |