LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133790.D
Acq On : 15 Jun 2023 23:29
Operator : CG\JU
Sample : 03140-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-6-GA

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_F\Methods\8270-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133790.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.122 | 3 | 6 | 12 | rVB | 459033 | 545073 | 19.28% | 2.651% |
| 2 | 3.899 | 303 | 308 | 313 | rVB | 36522 | 47833 | 1.69% | 0.233% |
| 3 | 5.051 | 499 | 504 | 515 | rBV | 126732 | 182793 | 6.47% | 0.889% |
| 4 | 5.451 | 566 | 572 | 575 | rBV | 2379879 | 2390505 | 84.57% | 11.628% |
| 5 | 6.457 | 738 | 743 | 746 | rBV | 2277978 | 2470718 | 87.41% | 12.018% |
| 6 | 6.828 | 803 | 806 | 810 | rBV | 1021623 | 767069 | 27.14% | 3.731% |
| 7 | 7.392 | 897 | 902 | 905 | rBV | 1758686 | 1640138 | 58.03% | 7.978% |
| 8 | 8.110 | 1021 | 1024 | 1028 | rBV | 1155119 | 991363 | 35.07% | 4.822% |
| 9 | 9.186 | 1203 | 1207 | 1211 | rBV | 3185122 | 2826593 | 100.00% | 13.749% |
| 10 | 9.869 | 1319 | 1323 | 1326 | rBV | 1352095 | 1108080 | 39.20% | 5.390% |
| 11 | 10.580 | 1439 | 1444 | 1451 | rBV | 190322 | 145778 | 5.16% | 0.709% |
| 12 | 10.657 | 1453 | 1457 | 1460 | rBV | 2164637 | 1868540 | 66.11% | 9.089% |
| 13 | 10.886 | 1493 | 1496 | 1501 | rVB | 41068 | 36574 | 1.29% | 0.178% |
| 14 | 11.357 | 1572 | 1576 | 1578 | rBV | 1445642 | 1195802 | 42.31% | 5.817% |
| 15 | 11.375 | 1578 | 1579 | 1583 | rVB | 88300 | 63741 | 2.26% | 0.310% |
| 16 | 11.810 | 1649 | 1653 | 1657 | rBV2 | 26942 | 49661 | 1.76% | 0.242% |
| 17 | 11.880 | 1662 | 1665 | 1670 | rVV2 | 129800 | 117335 | 4.15% | 0.571% |
| 18 | 12.569 | 1779 | 1782 | 1785 | rBV | 83022 | 72068 | 2.55% | 0.351% |
| 19 | 12.798 | 1812 | 1821 | 1824 | rBV | 67012 | 72269 | 2.56% | 0.352% |
| 20 | 12.945 | 1841 | 1846 | 1849 | rBV | 2842981 | 2506228 | 88.67% | 12.191% |
| 21 | 13.857 | 1996 | 2001 | 2015 | rBV3 | 47387 | 128096 | 4.53% | 0.623% |
| 22 | 13.998 | 2020 | 2025 | 2028 | rBV | 811278 | 741203 | 26.22% | 3.605% |
| 23 | 15.457 | 2268 | 2273 | 2282 | rBV | 470782 | 591007 | 20.91% | 2.875% |

Sum of corrected areas: 20558467

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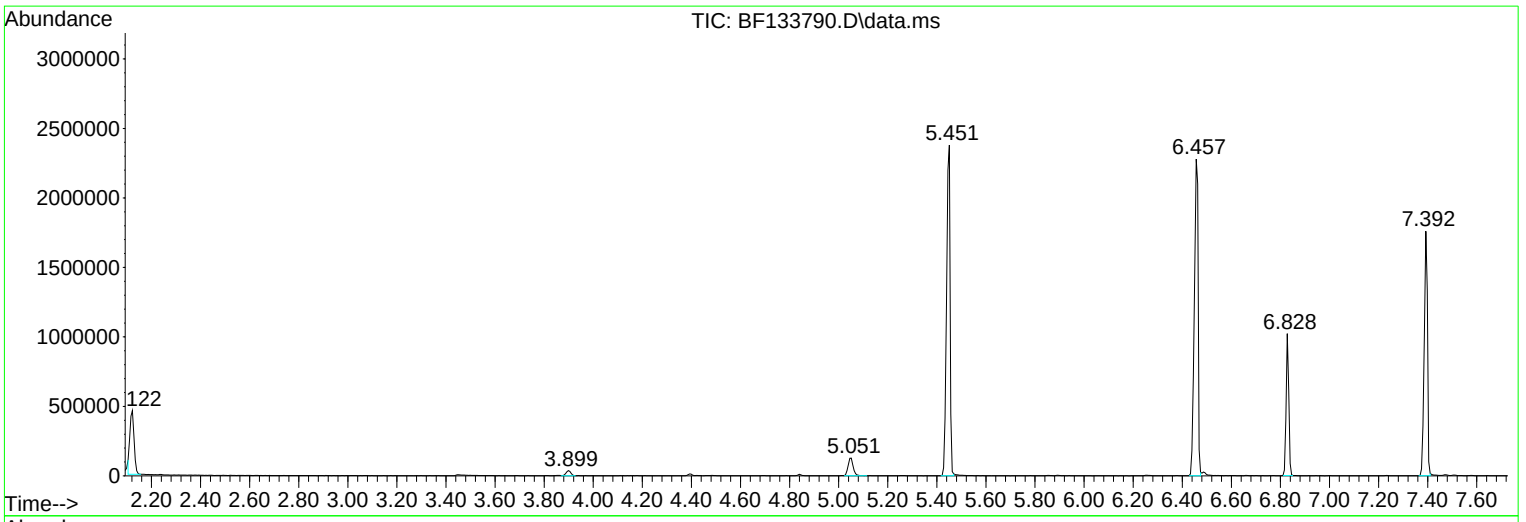
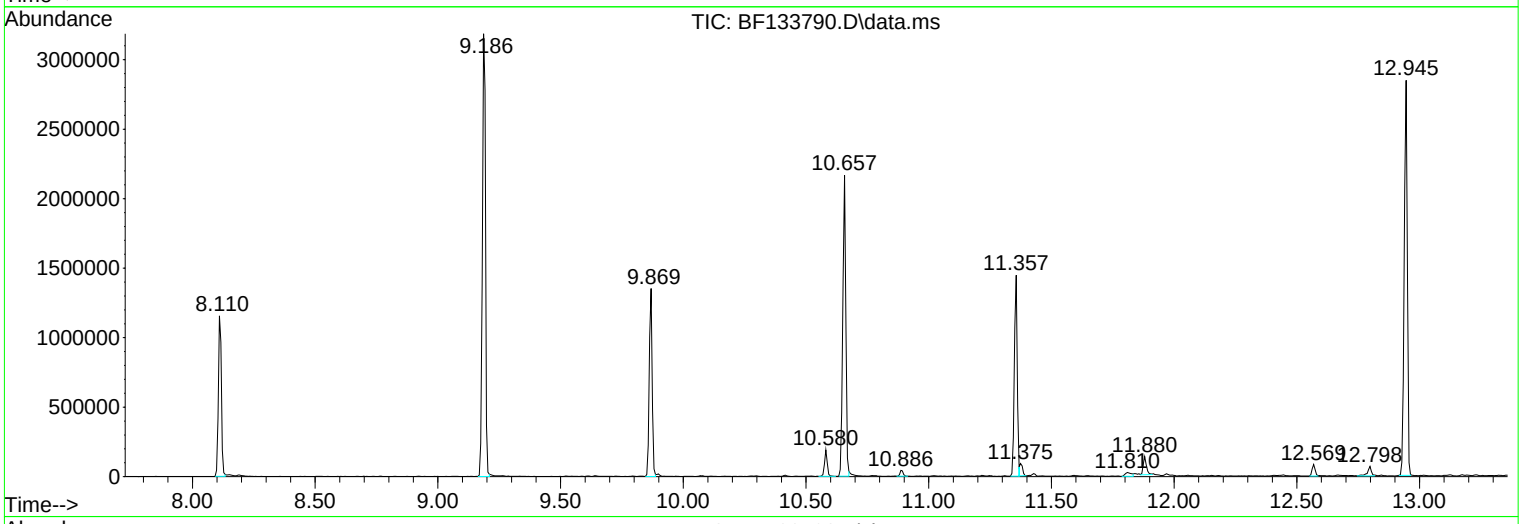
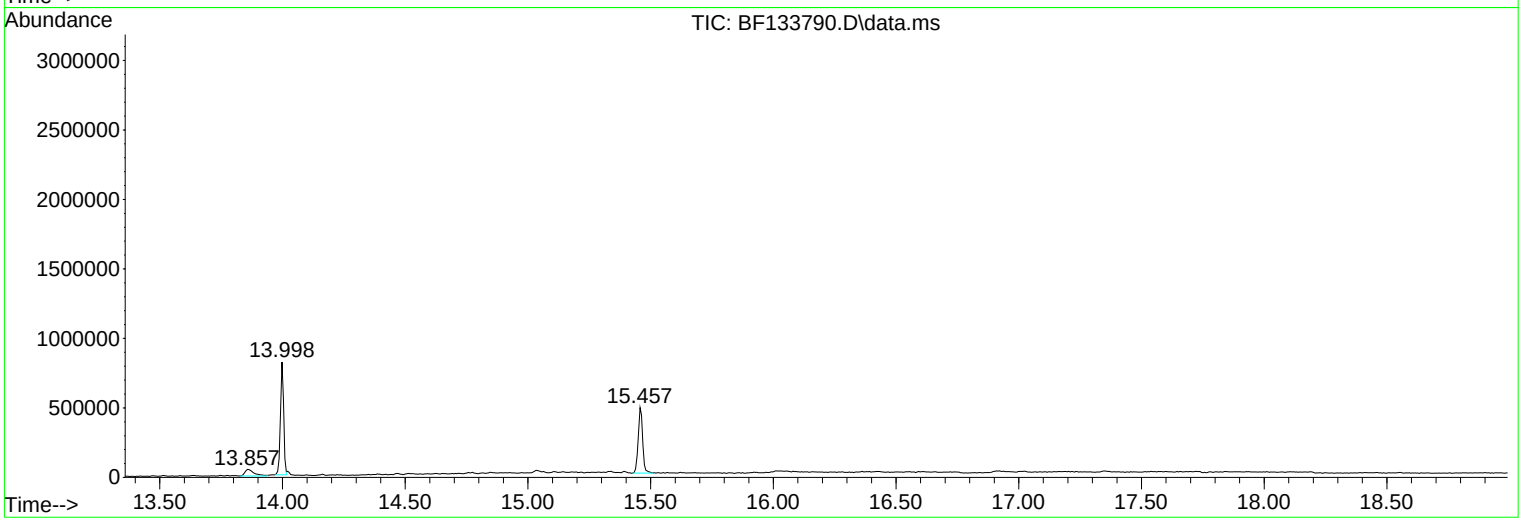
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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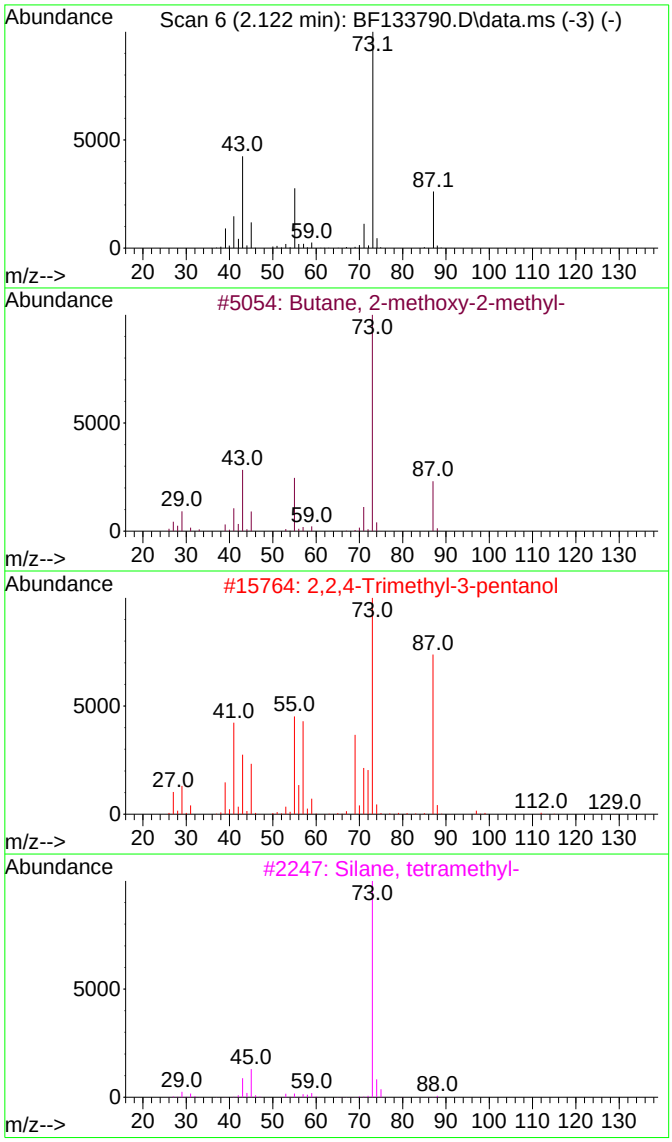
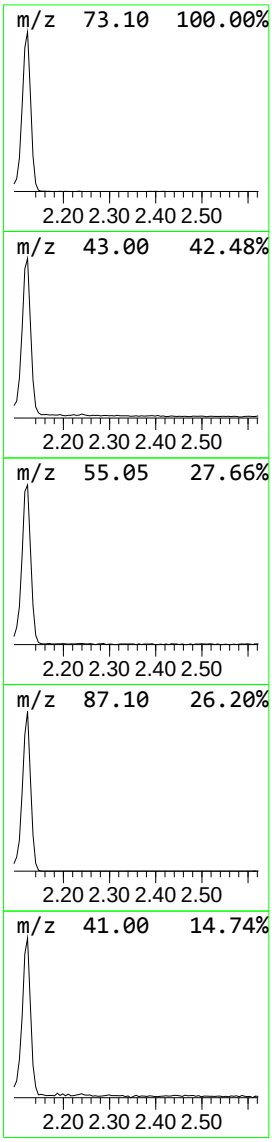
**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.122 | 14.21 ng | 545073 | 1,4-Dichlorobenzene-d4 | 6.828 |

| 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 | 39 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 38 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 25 |



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Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-6-GA

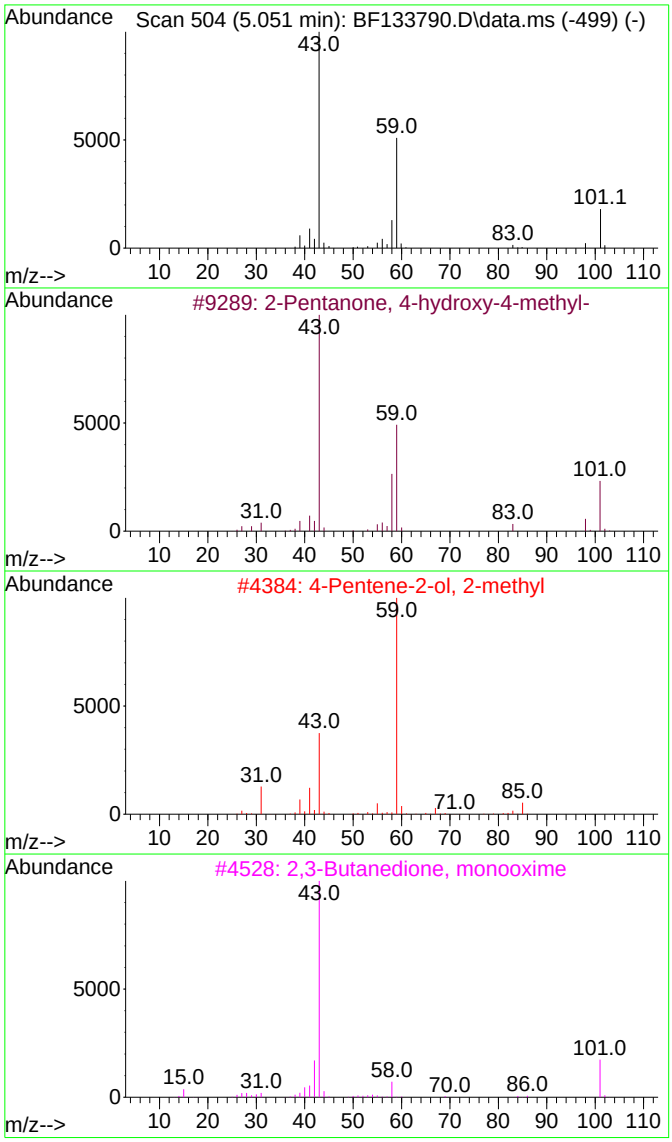
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

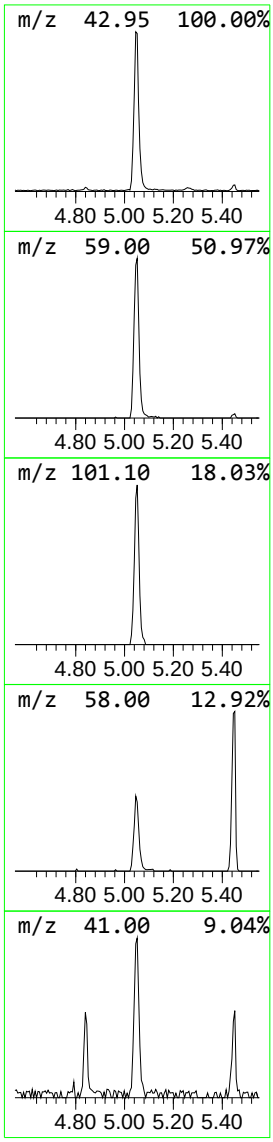
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.051 | 4.77 ng | 182793 | 1,4-Dichlorobenzene-d4 | 6.828 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | 4-Pentene-2-ol, 2-methyl | 100 | C6H12O | 000624-97-5 | 17 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Acetamide, N-(aminocarbonyl)- | 102 | C3H6N2O2 | 000591-07-1 | 9 |



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Operator : CG\JU
Sample : 03140-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-6-GA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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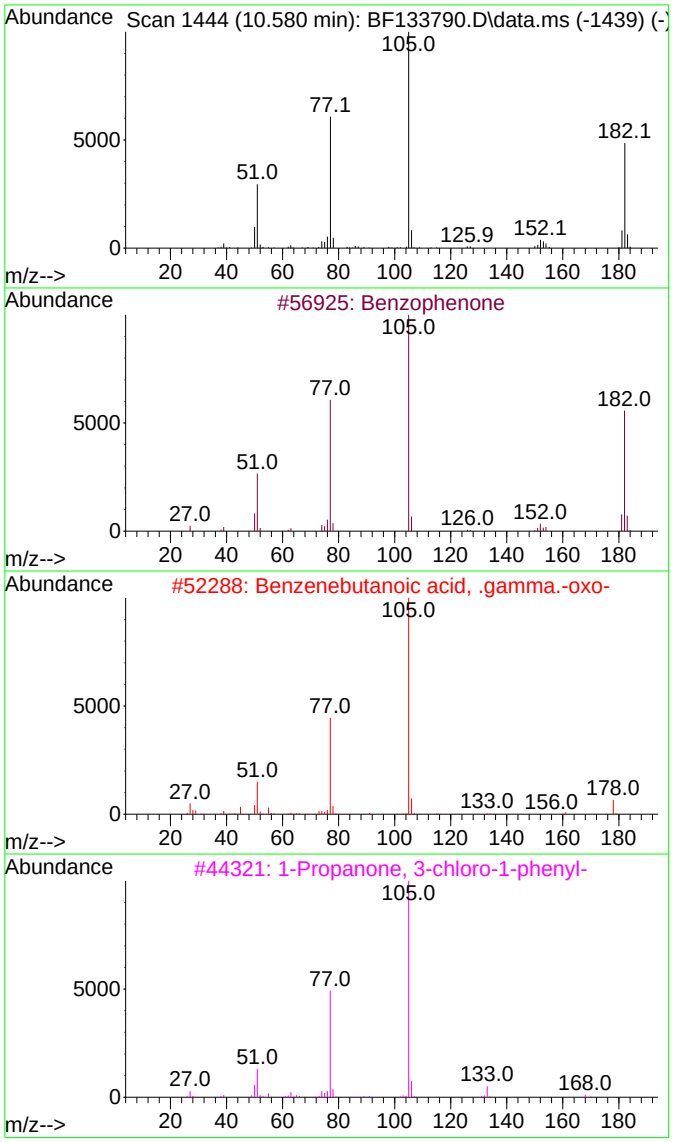
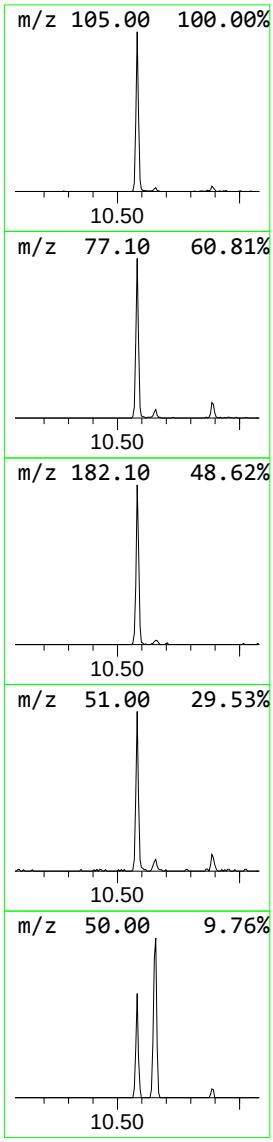
Peak Number 3 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.581 | 2.63 ng | 145778 | Acenaphthene-d10 | 9.869 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 50 |
| 3 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 50 |
| 4 | N-(1-Cyanovinyl)benzamide | 172 | C10H8N2O | 1000186-19-1 | 50 |
| 5 | 1,2-Propanedione, 1-phenyl- | 148 | C9H8O2 | 000579-07-7 | 50 |



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ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
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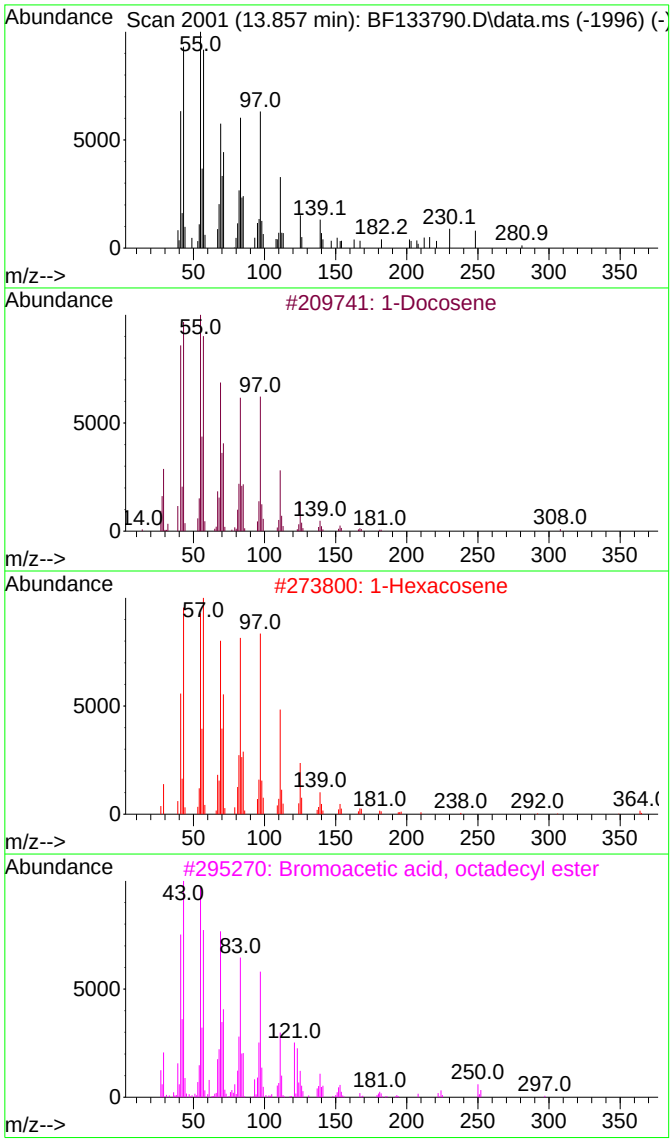
TIC Integration Parameters: LSCINT.P

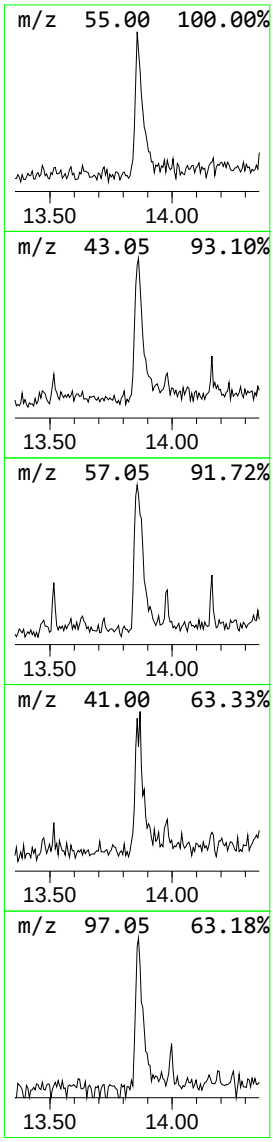
**********

Peak Number 4 1-Docosene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.857 | 3.46 ng | 128096 | Chrysene-d12 | 13.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 93 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 93 |
| 3 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 93 |
| 4 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 93 |
| 5 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 90 |



Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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... | 2.122 | 14.2 | ng | 545073 | 1 | 6.828 | 767069 | 20.0 |
| 2-Pentanone, 4-... | 5.051 | 4.8 | ng | 182793 | 1 | 6.828 | 767069 | 20.0 |
| Benzophenone | 10.581 | 2.6 | ng | 145778 | 3 | 9.869 | 1108080 | 20.0 |
| 1-Docosene | 13.857 | 3.5 | ng | 128096 | 5 | 13.998 | 741203 | 20.0 |