LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106407.D
Acq On : 13 Jun 2018 22:31
Operator : JU/SJ
Sample : J3465-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-A2-WC-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_F\METHODS\8270-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.984 | 264 | 280 | 284 | rBV4 | 13708 | 43219 | 1.17% | 0.128% |
| 2 | 4.601 | 351 | 385 | 387 | rBV3 | 55183 | 325783 | 8.82% | 0.967% |
| 3 | 5.207 | 484 | 488 | 494 | rBV | 289674 | 394528 | 10.68% | 1.171% |
| 4 | 5.613 | 553 | 557 | 564 | rBV | 3459739 | 3538630 | 95.81% | 10.499% |
| 5 | 6.613 | 723 | 727 | 736 | rVB | 3405986 | 3637354 | 98.49% | 10.792% |
| 6 | 6.748 | 746 | 750 | 753 | rBV | 3633886 | 3421598 | 92.64% | 10.151% |
| 7 | 6.966 | 783 | 787 | 790 | rBV | 1226587 | 929660 | 25.17% | 2.758% |
| 8 | 7.125 | 810 | 814 | 817 | rVB | 3126434 | 2793458 | 75.64% | 8.288% |
| 9 | 7.531 | 877 | 883 | 886 | rBV | 2423118 | 2429834 | 65.79% | 7.209% |
| 10 | 8.248 | 1001 | 1005 | 1008 | rBV | 1454367 | 1177076 | 31.87% | 3.492% |
| 11 | 9.325 | 1183 | 1188 | 1191 | rBV | 3959245 | 3693278 | 100.00% | 10.957% |
| 12 | 9.713 | 1250 | 1254 | 1257 | rBV | 891622 | 668774 | 18.11% | 1.984% |
| 13 | 9.919 | 1286 | 1289 | 1293 | rBV | 55815 | 46245 | 1.25% | 0.137% |
| 14 | 10.007 | 1300 | 1304 | 1308 | rVB | 1555660 | 1290479 | 34.94% | 3.829% |
| 15 | 10.419 | 1372 | 1374 | 1377 | rVB | 98867 | 76555 | 2.07% | 0.227% |
| 16 | 10.801 | 1434 | 1439 | 1442 | rBV | 2618638 | 2412354 | 65.32% | 7.157% |
| 17 | 10.895 | 1451 | 1455 | 1462 | rVB2 | 112350 | 111837 | 3.03% | 0.332% |
| 18 | 11.342 | 1527 | 1531 | 1534 | rBV | 63336 | 49719 | 1.35% | 0.148% |
| 19 | 11.495 | 1553 | 1557 | 1561 | rBV | 1431134 | 1227327 | 33.23% | 3.641% |
| 20 | 12.007 | 1641 | 1644 | 1649 | rBV | 43746 | 50967 | 1.38% | 0.151% |
| 21 | 13.083 | 1822 | 1827 | 1830 | rBV | 3300166 | 3006095 | 81.39% | 8.919% |
| 22 | 13.965 | 1973 | 1977 | 1985 | rBV | 218126 | 239808 | 6.49% | 0.711% |
| 23 | 14.142 | 2003 | 2007 | 2011 | rBV | 1131742 | 997437 | 27.01% | 2.959% |
| 24 | 14.607 | 2082 | 2086 | 2093 | rBV3 | 45085 | 71717 | 1.94% | 0.213% |
| 25 | 15.001 | 2150 | 2153 | 2159 | rVB | 37714 | 39321 | 1.06% | 0.117% |
| 26 | 15.677 | 2262 | 2268 | 2274 | rBV | 807983 | 1032449 | 27.95% | 3.063% |

Sum of corrected areas: 33705502

LSC Report - Integrated Chromatogram

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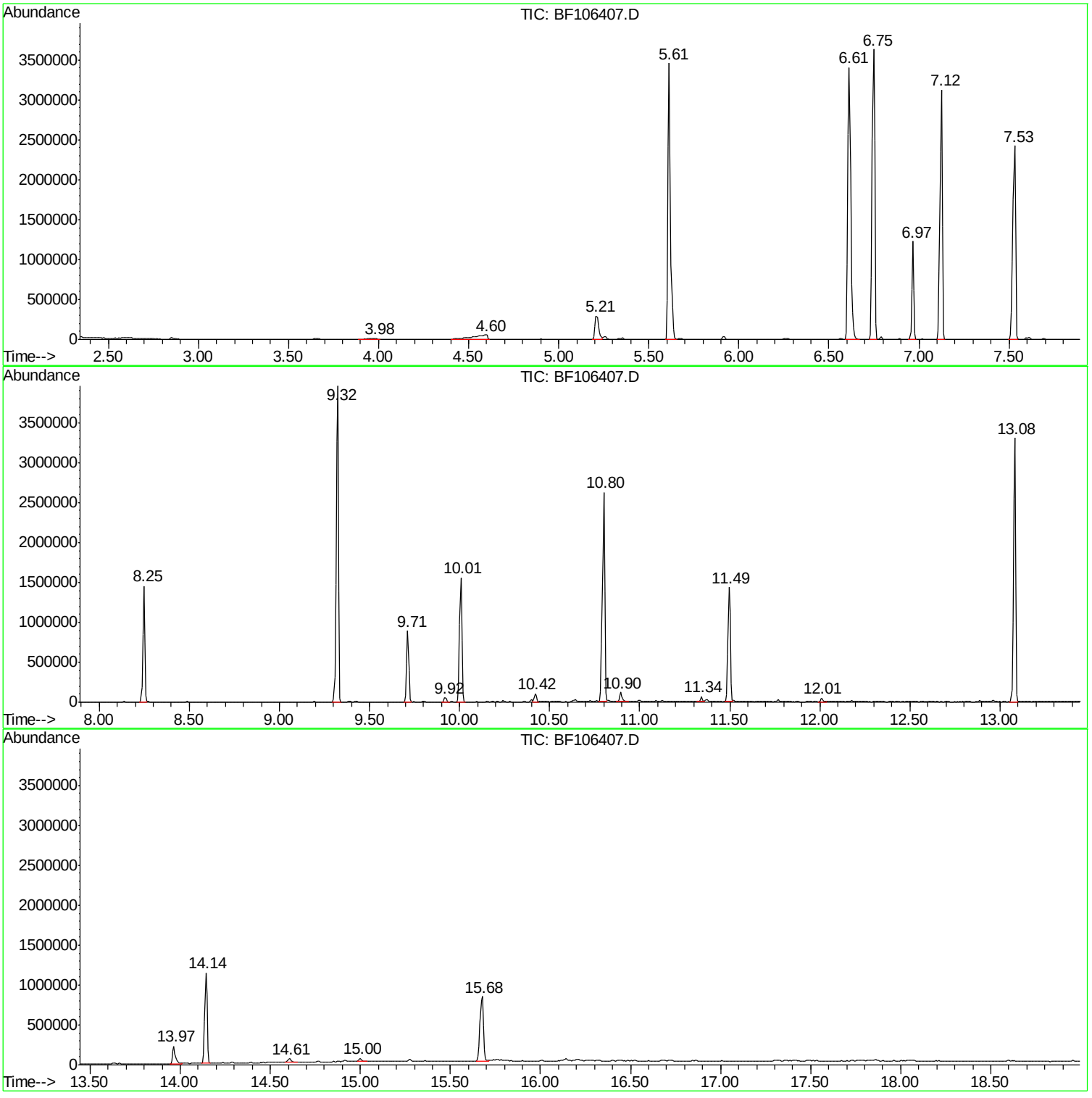
Operator : JU/SJ
Sample : J3465-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-A2-WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106407.D
Acq On : 13 Jun 2018 22:31
Operator : JU/SJ
Sample : J3465-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-A2-WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

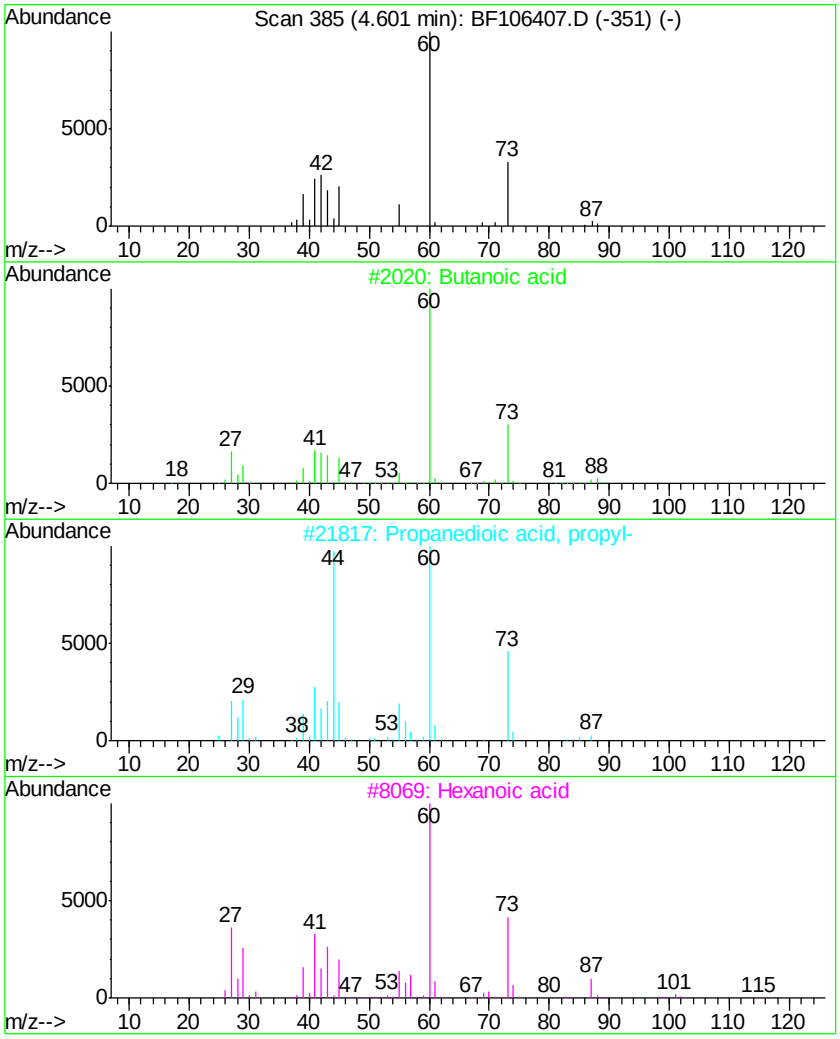
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

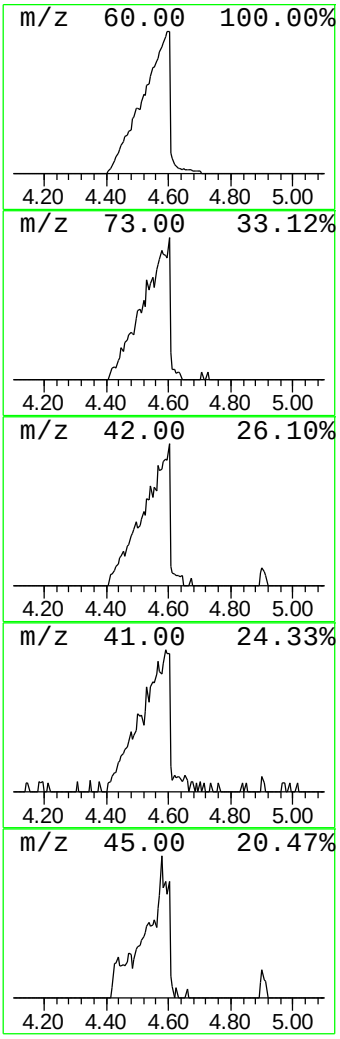
**********

Peak Number 1 unknown4.60 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.60 | 7.01 ng | 325783 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 45 |
| 2 | Propanedioic acid, propyl- | 146 | C6H10O4 | 000616-62-6 | 9 |
| 3 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 9 |
| 4 | Urea | 60 | CH4N2O | 000057-13-6 | 5 |
| 5 | Carbonyl sulfide | 60 | COS | 000463-58-1 | 5 |



Library Search Compound Report

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Operator : JU/SJ
Sample : J3465-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-A2-WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

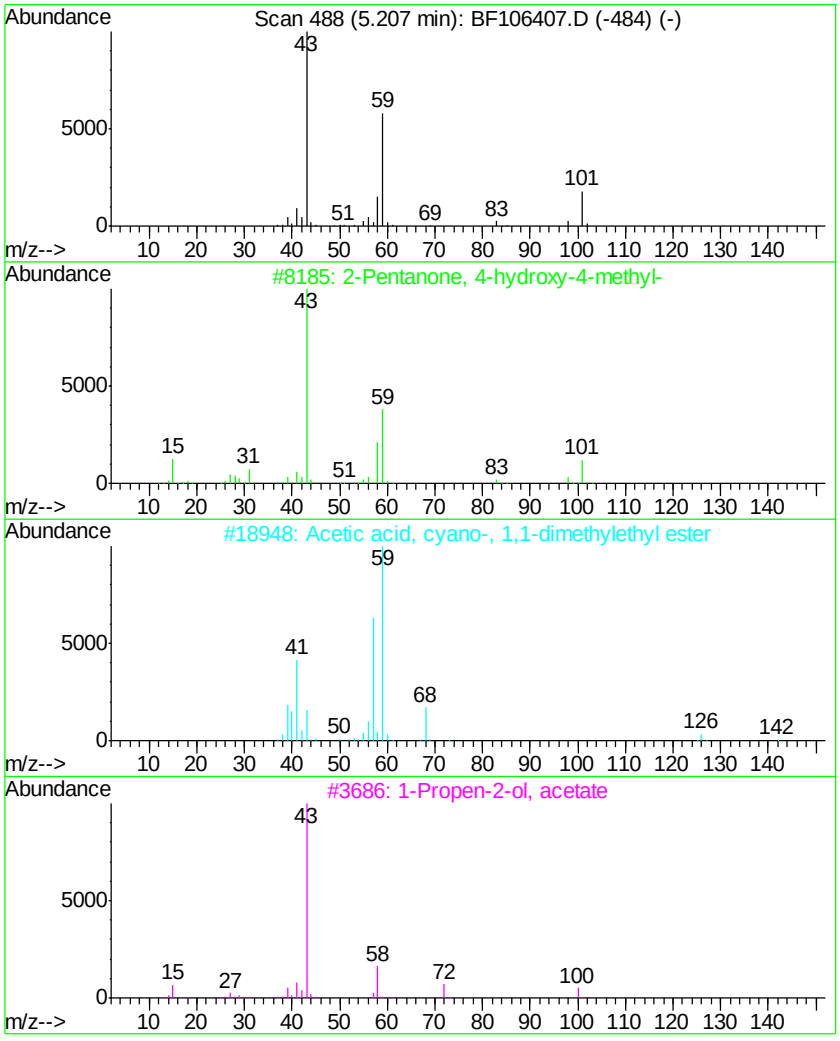
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

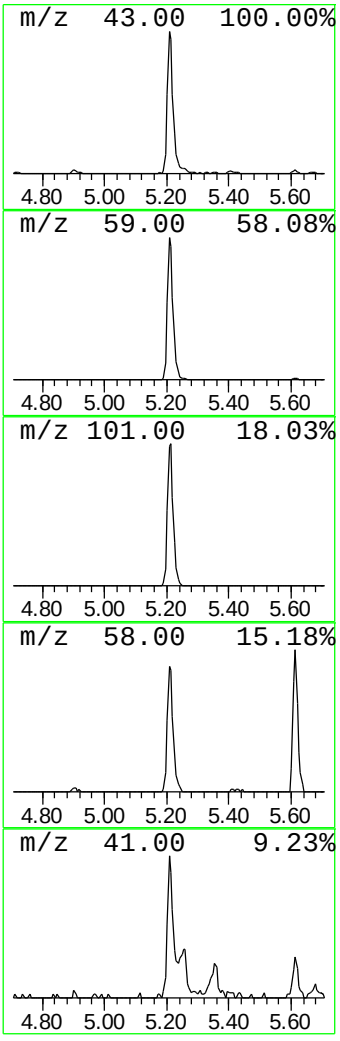
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.21 | 8.49 ng | 394528 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53 |
| 2 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 32 |
| 3 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



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Operator : JU/SJ
Sample : J3465-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-A2-WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

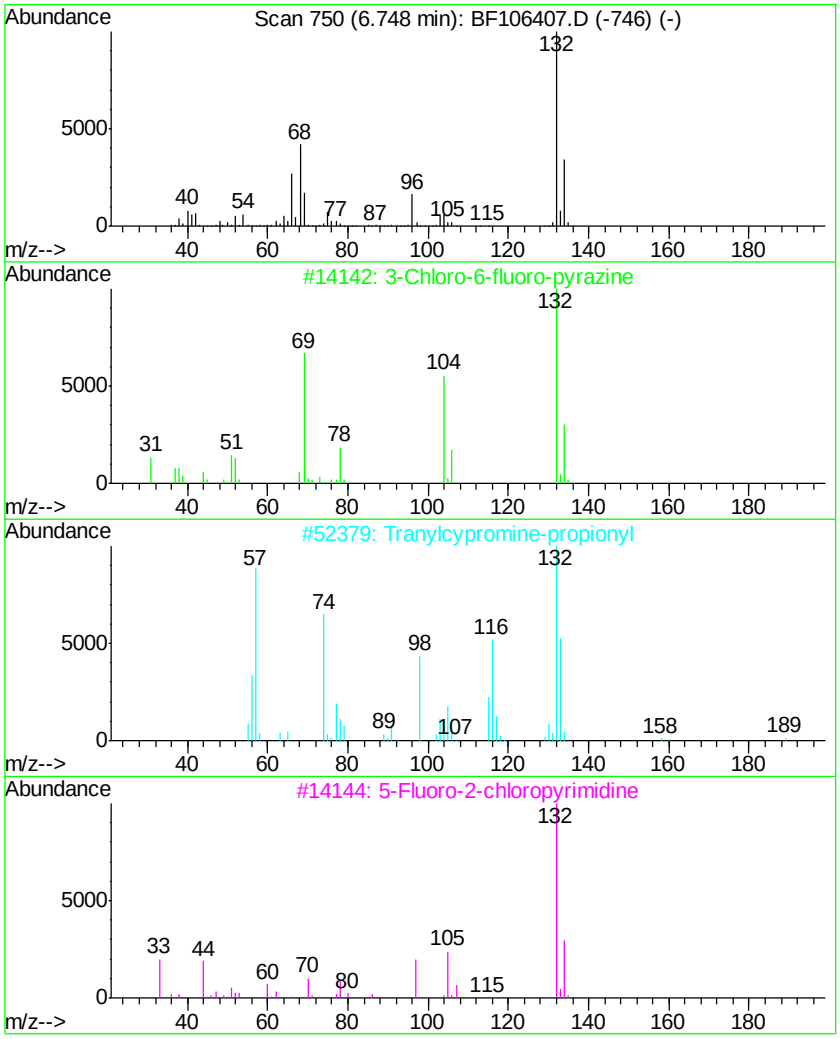
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

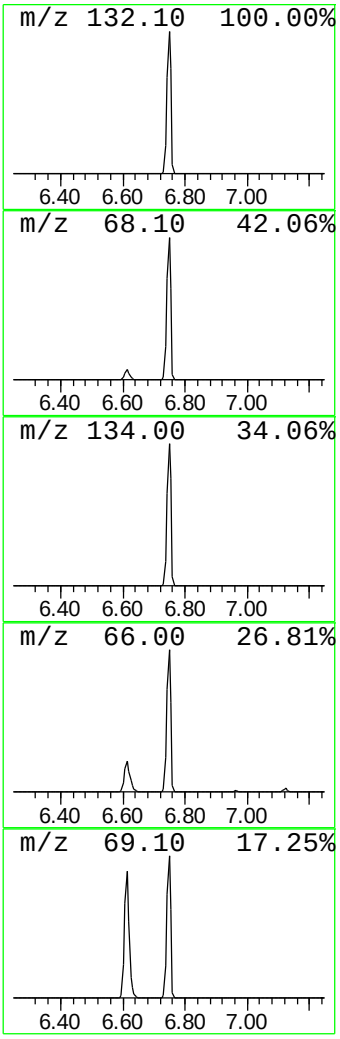
**********

Peak Number 3 unknown6.75 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.75 | 73.61 ng | 3421600 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 9 |
| 4 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |
| 5 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |



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Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-A2-WC-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
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TIC Library : C:\DATABASE\NIST11.L
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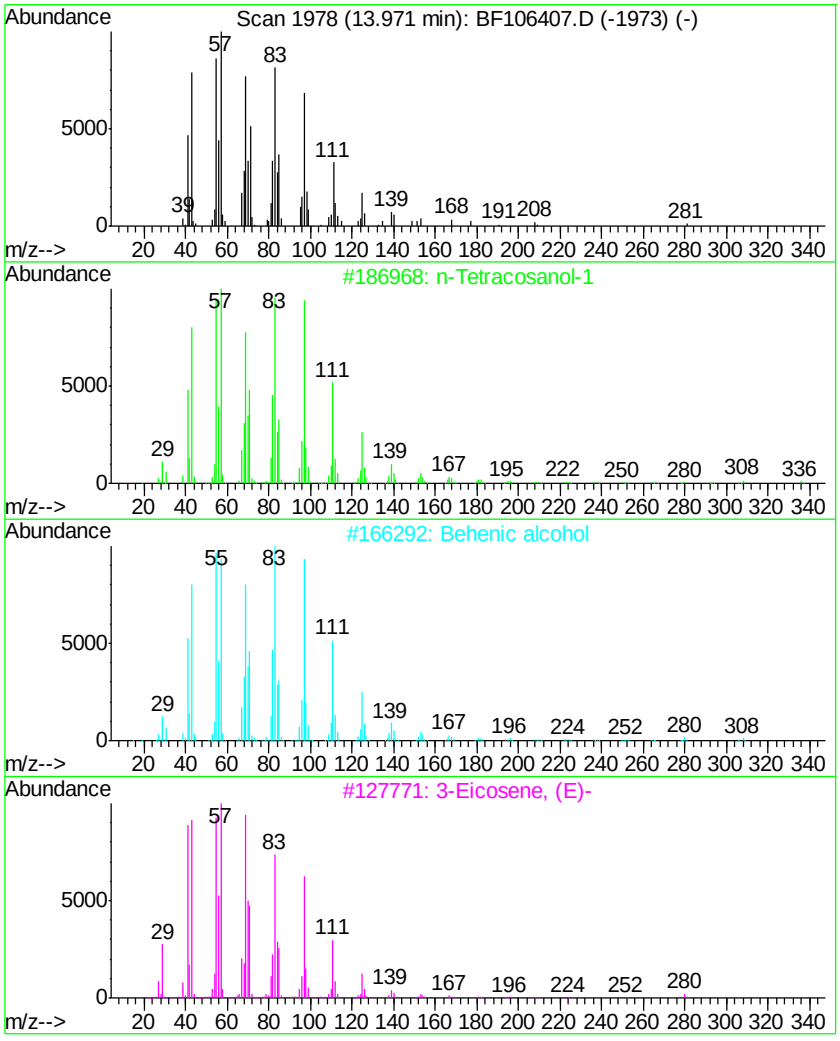
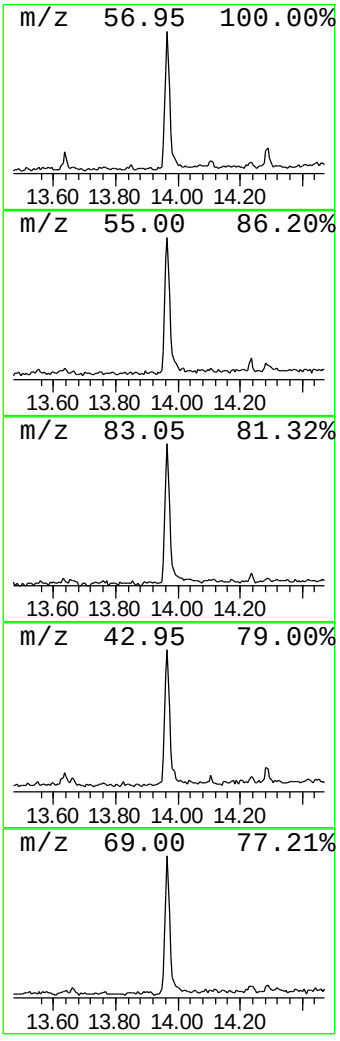
**********

Peak Number 5 n-Tetracosanol-1 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.97 | 4.81 ng | 239808 | Chrysene-d12 | 14.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 4 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 91 |
| 5 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061318\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown4.60 | 4.60 | 7.0 | ng | 325783 | 1 | 6.97 | 929660 | 20.0 |
| 2-Pentanone, 4-hy... | 5.21 | 8.5 | ng | 394528 | 1 | 6.97 | 929660 | 20.0 |
| unknown6.75 | 6.75 | 73.6 | ng | 3421600 | 1 | 6.97 | 929660 | 20.0 |
| n-Tetracosanol-1 | 13.97 | 4.8 | ng | 239808 | 5 | 14.14 | 997437 | 20.0 |