LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098659.D
Acq On : 20 Sep 2017 14:49
Operator : SJ/JU
Sample : I5276-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-ENV-118-3(5-10)

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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 | 4.792 | 456 | 460 | 478 | rBV | 279109 | 414642 | 16.27% | 1.991% |
| 2 | 5.228 | 530 | 534 | 554 | rBV | 2301521 | 2330273 | 91.44% | 11.189% |
| 3 | 6.275 | 708 | 712 | 728 | rBV | 2189931 | 2408507 | 94.51% | 11.565% |
| 4 | 6.392 | 728 | 732 | 735 | rBV | 2833104 | 2400298 | 94.19% | 11.525% |
| 5 | 6.616 | 767 | 770 | 781 | rVB | 597475 | 534018 | 20.96% | 2.564% |
| 6 | 6.775 | 793 | 797 | 810 | rBV | 1961052 | 1698848 | 66.67% | 8.157% |
| 7 | 7.192 | 863 | 868 | 871 | rBV | 1651977 | 1474985 | 57.88% | 7.082% |
| 8 | 7.904 | 985 | 989 | 1000 | rBV | 794237 | 725346 | 28.46% | 3.483% |
| 9 | 8.980 | 1167 | 1172 | 1175 | rBV | 3090577 | 2548319 | 100.00% | 12.236% |
| 10 | 9.380 | 1236 | 1240 | 1249 | rBB | 205383 | 184654 | 7.25% | 0.887% |
| 11 | 9.651 | 1282 | 1286 | 1290 | rBV | 892244 | 765588 | 30.04% | 3.676% |
| 12 | 10.445 | 1417 | 1421 | 1424 | rBV | 1629613 | 1355965 | 53.21% | 6.511% |
| 13 | 10.557 | 1438 | 1440 | 1448 | rBV | 27262 | 31671 | 1.24% | 0.152% |
| 14 | 11.133 | 1535 | 1538 | 1542 | rBV | 790298 | 706360 | 27.72% | 3.392% |
| 15 | 12.721 | 1803 | 1808 | 1811 | rBV | 2220497 | 1898680 | 74.51% | 9.117% |
| 16 | 12.951 | 1841 | 1847 | 1853 | rBV | 23596 | 32218 | 1.26% | 0.155% |
| 17 | 13.621 | 1956 | 1961 | 1968 | rBV | 80000 | 103439 | 4.06% | 0.497% |
| 18 | 13.774 | 1982 | 1987 | 1991 | rBV | 533451 | 536690 | 21.06% | 2.577% |
| 19 | 14.515 | 2111 | 2113 | 2121 | rBV2 | 81853 | 105346 | 4.13% | 0.506% |
| 20 | 15.168 | 2219 | 2224 | 2230 | rBV | 474185 | 536596 | 21.06% | 2.577% |
| 21 | 16.009 | 2362 | 2367 | 2374 | rBV4 | 18667 | 34002 | 1.33% | 0.163% |

Sum of corrected areas: 20826445

LSC Report - Integrated Chromatogram

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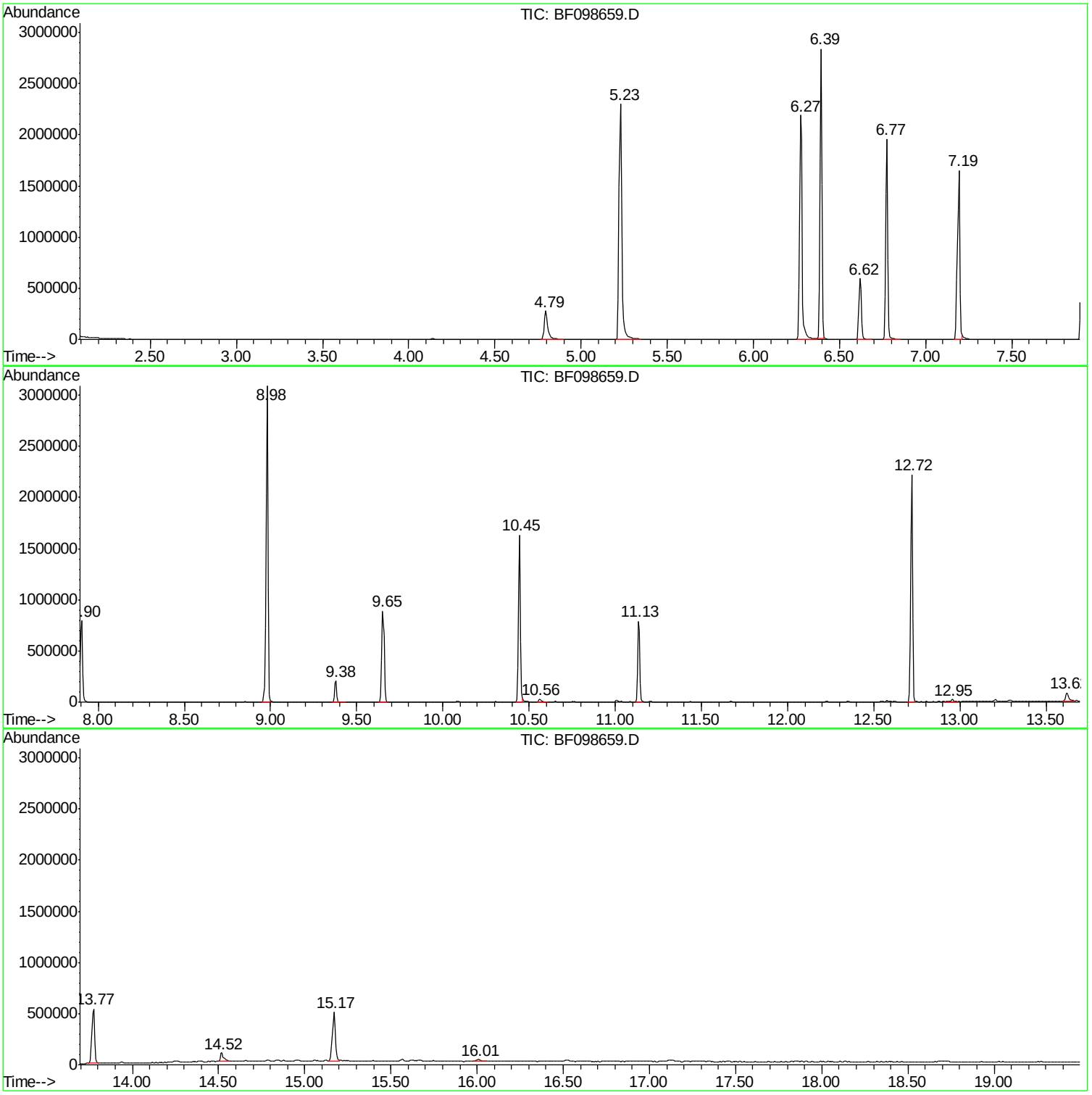
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-ENV-118-3(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF098659.D
Acq On : 20 Sep 2017 14:49
Operator : SJ/JU
Sample : I5276-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-ENV-118-3(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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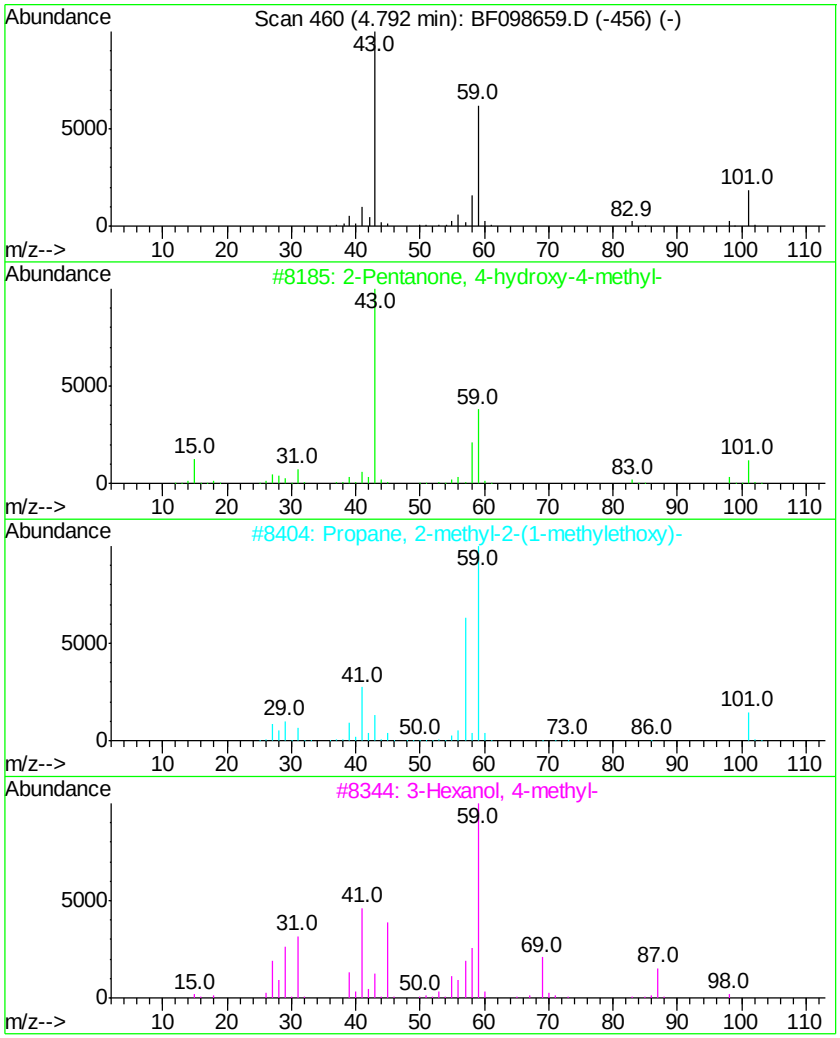
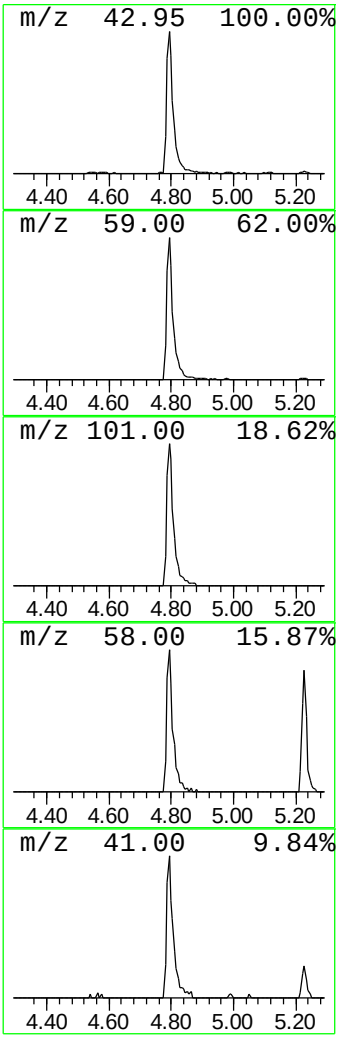
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.79 | 15.53 ng | 414642 | 1,4-Dichlorobenzene-d4 | 6.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 42 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |



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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-ENV-118-3(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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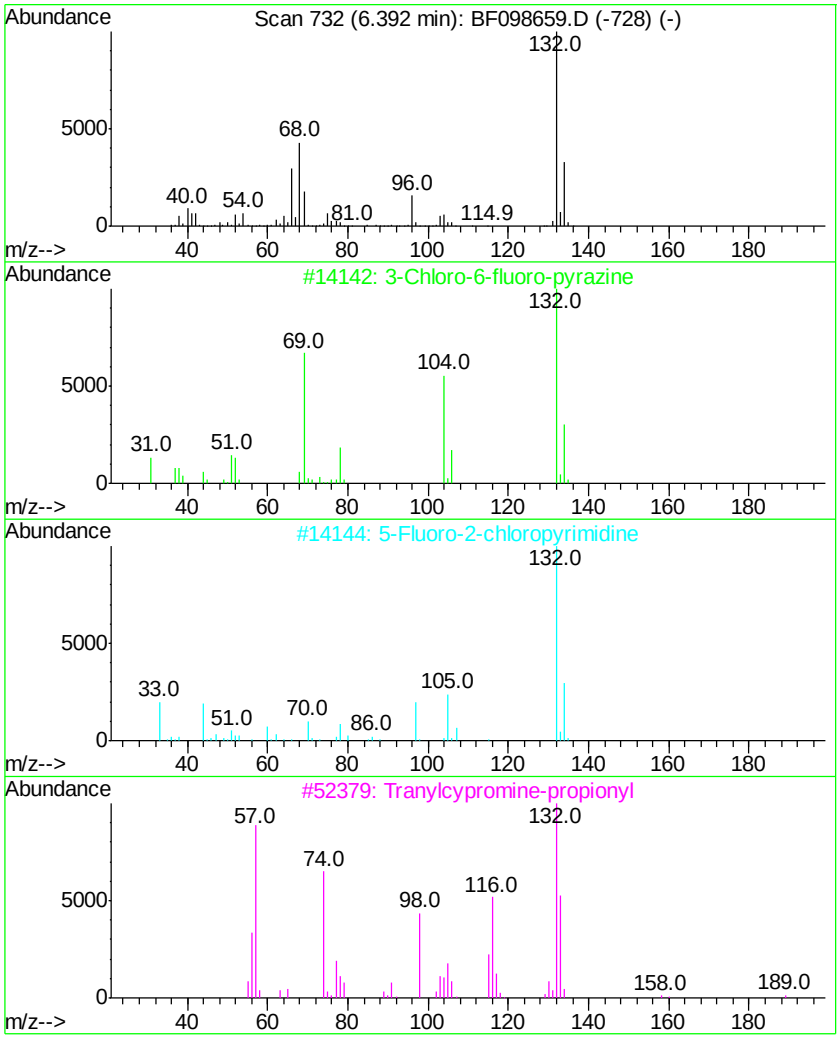
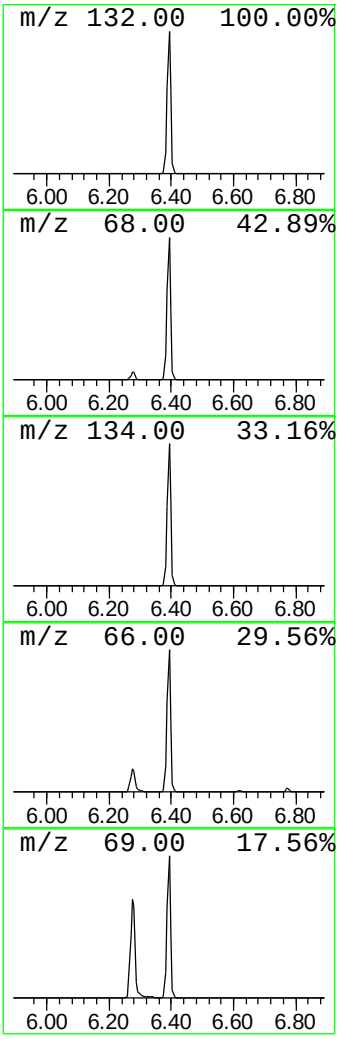
Peak Number 2 unknown6.39 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.39 | 89.90 ng | 2400300 | 1,4-Dichlorobenzene-d4 | 6.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 16 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 4 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |
| 5 | 4-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2 | 064608-60-2 | 9 |



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Acq On : 20 Sep 2017 14:49
Operator : SJ/JU
Sample : I5276-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-ENV-118-3(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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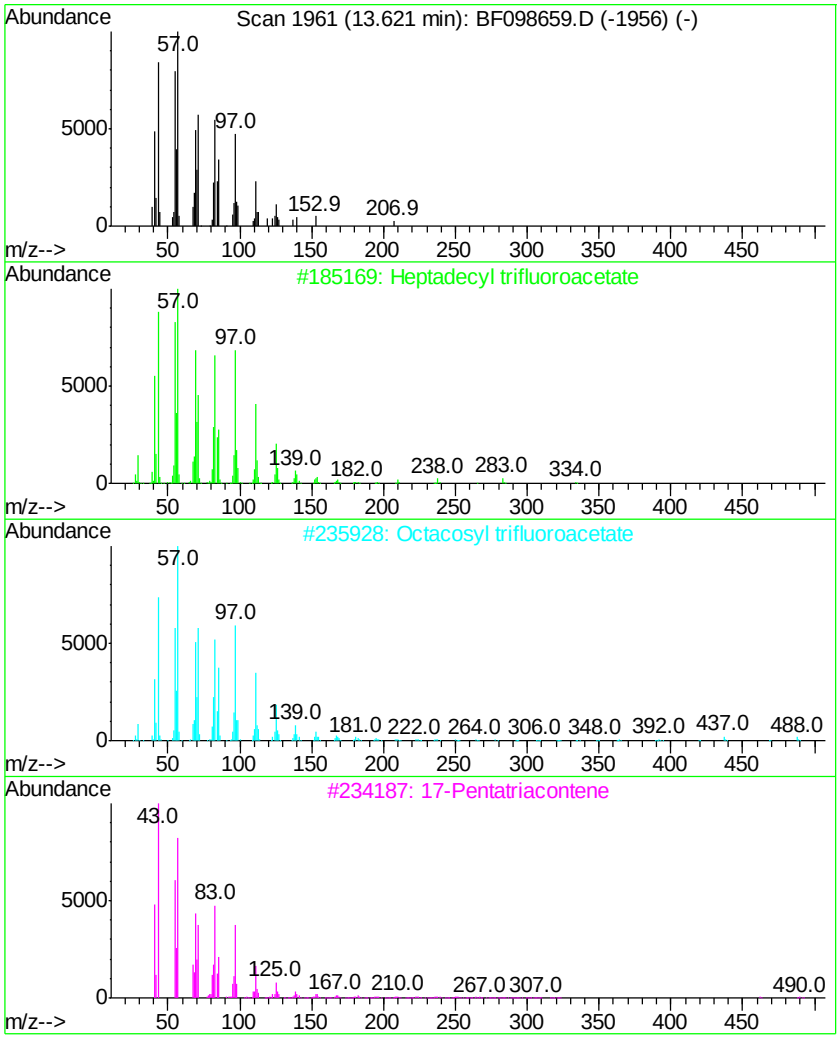
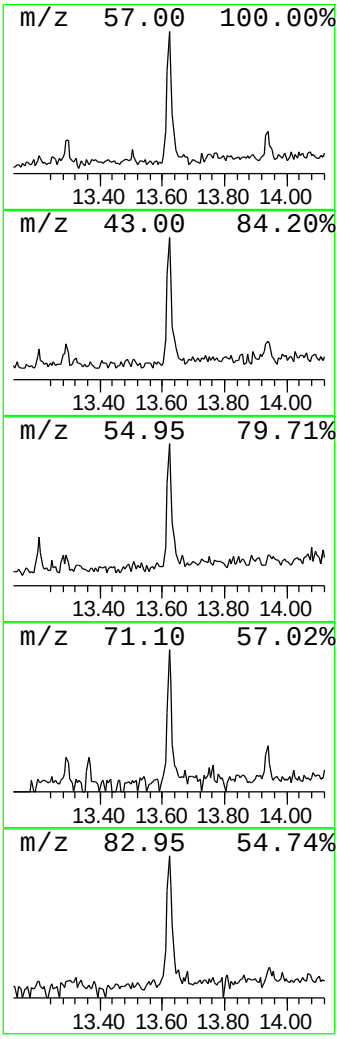
Peak Number 4 Heptadecyl trifluoroacetate Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.62 | 3.85 ng | 103439 | Chrysene-d12 | 13.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 87 |
| 2 | Octacosyl trifluoroacetate | 506 | C30H57F3O2 | 1000351-74-9 | 87 |
| 3 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 87 |
| 4 | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 87 |
| 5 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 87 |



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Sample : I5276-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
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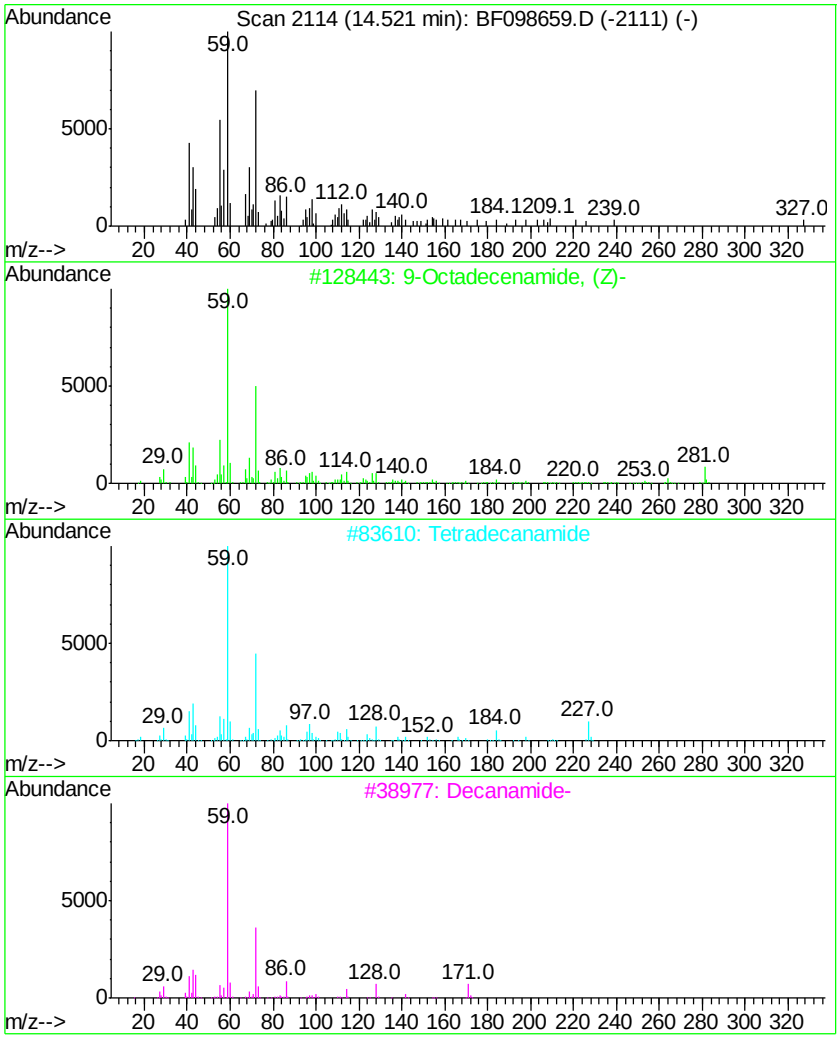
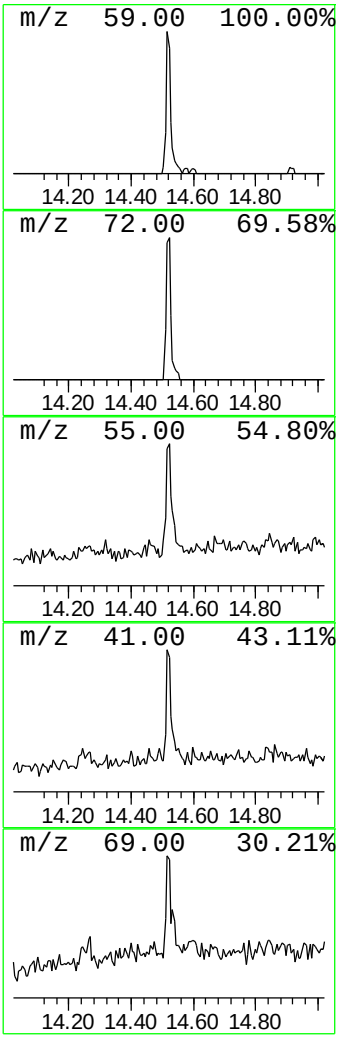
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.52 | 3.93 ng | 105346 | Perylene-d12 | 15.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 86 |
| 2 | Tetradecanamide | 227 | C14H29NO | 000638-58-4 | 64 |
| 3 | Decanamide- | 171 | C10H21NO | 002319-29-1 | 64 |
| 4 | 7-Nonenamide | 155 | C9H17NO | 090949-53-4 | 64 |
| 5 | Octadecanamide | 283 | C18H37NO | 000124-26-5 | 59 |



# Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 4.79 | 15.5 | ng | 414642 | 1 | 6.62 | 534018 | 20.0 |
| unknown6.39 | 6.39 | 89.9 | ng | 2400300 | 1 | 6.62 | 534018 | 20.0 |
| Heptadecyl triflu... | 13.62 | 3.9 | ng | 103439 | 5 | 13.77 | 536690 | 20.0 |
| 9-Octadecenamide,... | 14.52 | 3.9 | ng | 105346 | 6 | 15.17 | 536596 | 20.0 |