LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129823.D
Acq On : 16 Aug 2022 21:50
Operator : CG\JU
Sample : N4188-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S8

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-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129823.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.057 | 468 | 471 | 483 | rVB | 113212 | 144505 | 3.26% | 0.545% |
| 2 | 5.463 | 536 | 540 | 555 | rBV | 3637571 | 3658717 | 82.54% | 13.799% |
| 3 | 6.475 | 708 | 712 | 715 | rBV | 3554478 | 3607010 | 81.37% | 13.604% |
| 4 | 6.822 | 767 | 771 | 777 | rBV | 918914 | 845176 | 19.07% | 3.188% |
| 5 | 7.387 | 862 | 867 | 871 | rBV | 2373887 | 2443258 | 55.12% | 9.215% |
| 6 | 8.104 | 984 | 989 | 992 | rBV | 1172543 | 1138792 | 25.69% | 4.295% |
| 7 | 9.175 | 1166 | 1171 | 1175 | rBV | 4477105 | 4432918 | 100.00% | 16.719% |
| 8 | 9.857 | 1283 | 1287 | 1291 | rBV | 1569606 | 1268268 | 28.61% | 4.783% |
| 9 | 10.651 | 1418 | 1422 | 1426 | rBV | 2834086 | 2591633 | 58.46% | 9.775% |
| 10 | 11.345 | 1537 | 1540 | 1543 | rBV | 1298331 | 1171272 | 26.42% | 4.418% |
| 11 | 11.863 | 1623 | 1628 | 1630 | rBV3 | 35723 | 49458 | 1.12% | 0.187% |
| 12 | 12.563 | 1744 | 1747 | 1751 | rVB | 69300 | 63986 | 1.44% | 0.241% |
| 13 | 12.792 | 1780 | 1786 | 1789 | rBV | 60760 | 77006 | 1.74% | 0.290% |
| 14 | 12.933 | 1806 | 1810 | 1813 | rBV | 3772125 | 3236013 | 73.00% | 12.205% |
| 15 | 13.851 | 1962 | 1966 | 1978 | rVB4 | 53286 | 134583 | 3.04% | 0.508% |
| 16 | 13.998 | 1987 | 1991 | 1994 | rBV | 753179 | 691422 | 15.60% | 2.608% |
| 17 | 14.816 | 2126 | 2130 | 2134 | rVB | 74323 | 75186 | 1.70% | 0.284% |
| 18 | 15.068 | 2171 | 2173 | 2178 | rVB3 | 44430 | 44785 | 1.01% | 0.169% |
| 19 | 15.468 | 2233 | 2241 | 2249 | rBV | 590042 | 780590 | 17.61% | 2.944% |
| 20 | 16.945 | 2486 | 2492 | 2499 | rBV5 | 24143 | 59142 | 1.33% | 0.223% |

Sum of corrected areas: 26513720

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**ClientSampleId :**
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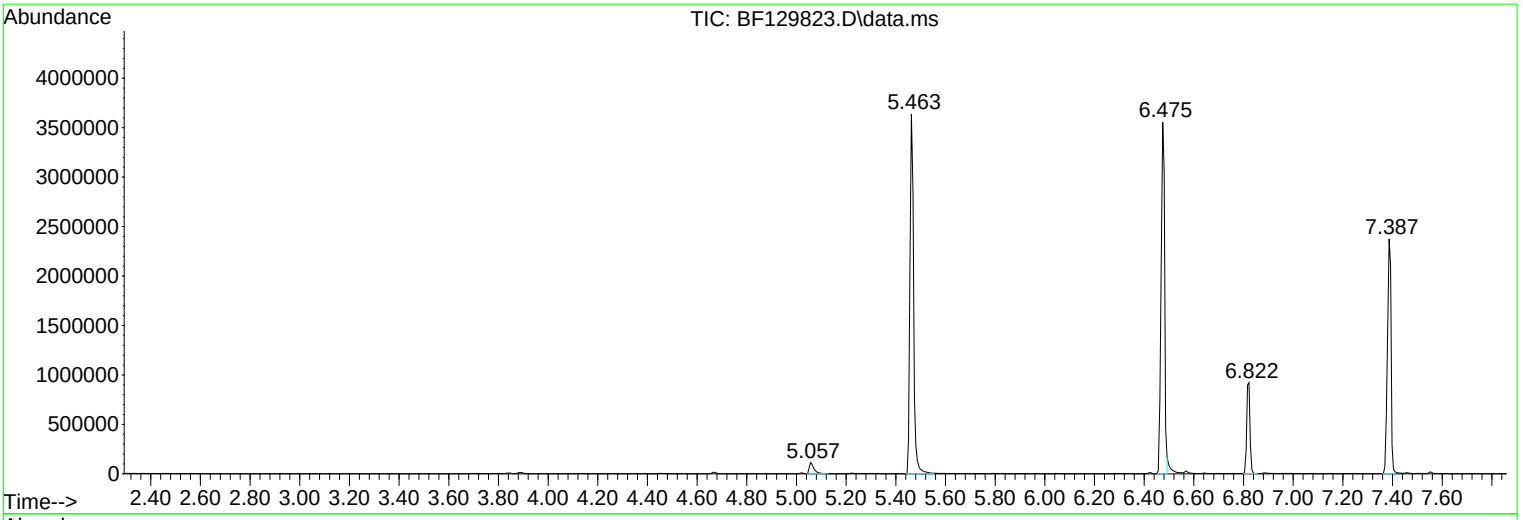
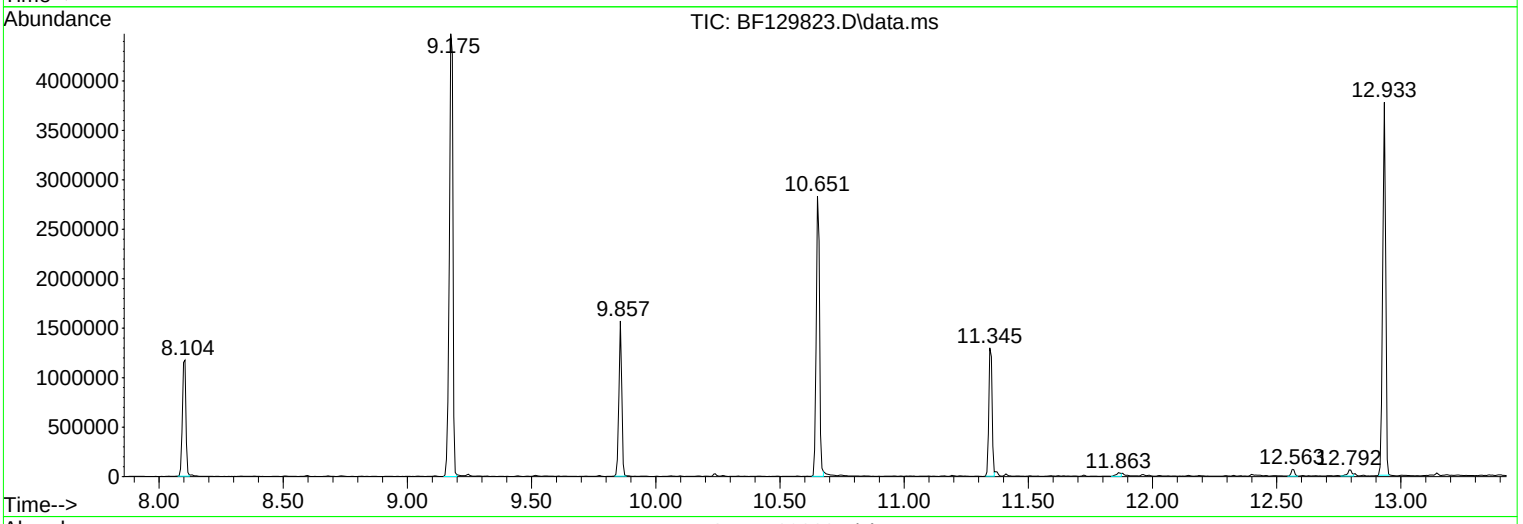
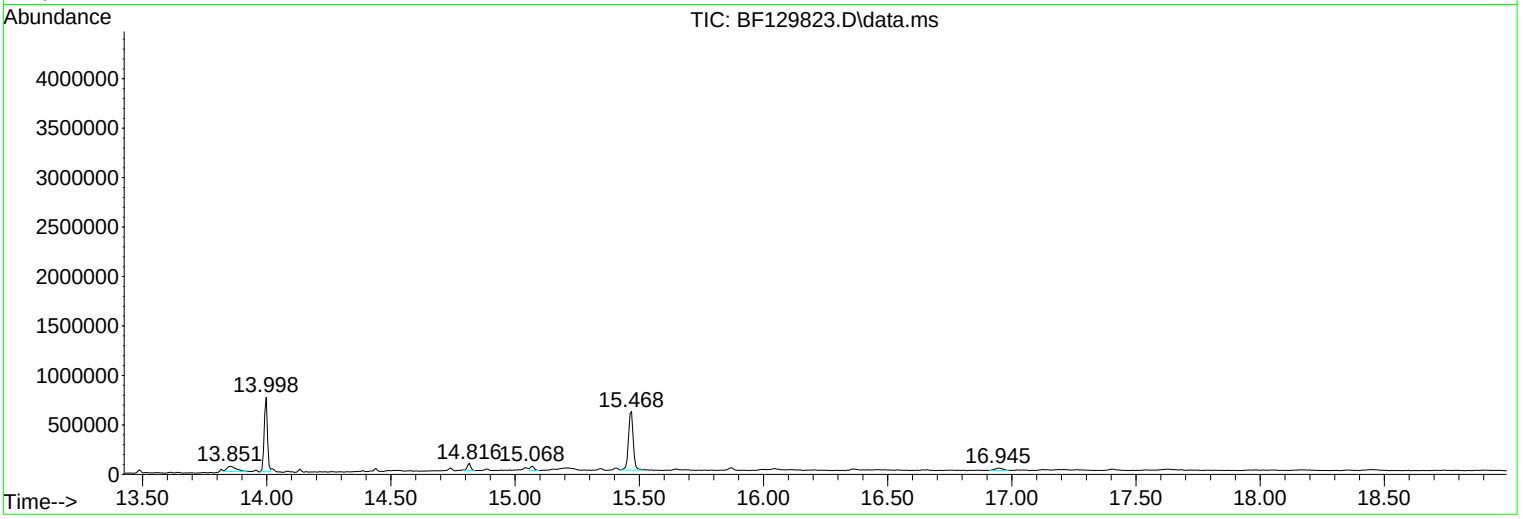
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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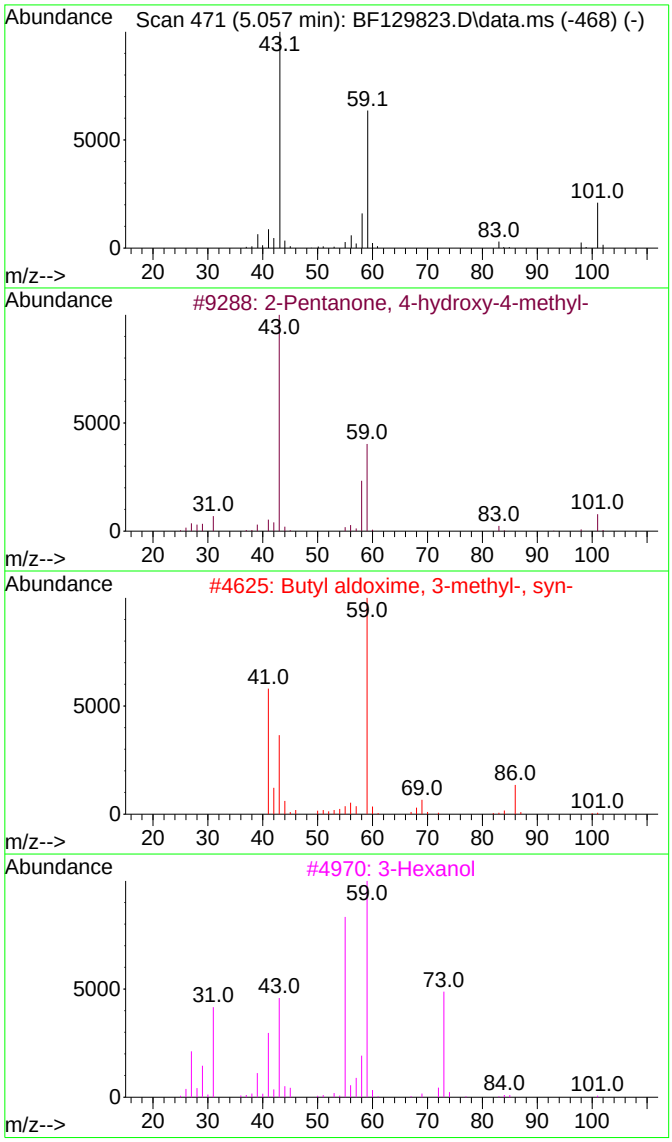
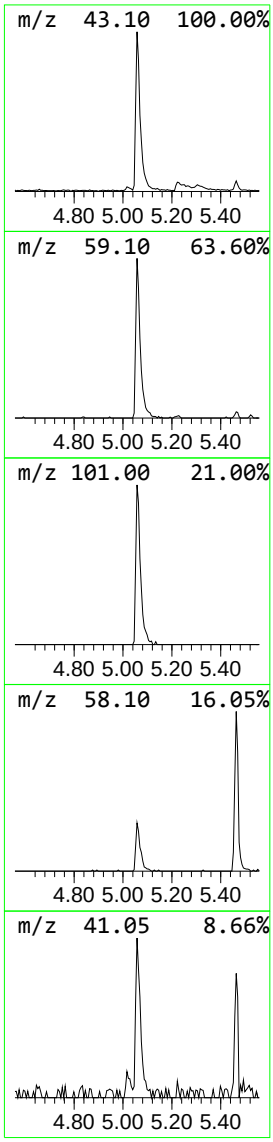
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.057 | 3.42 ng | 144505 | 1,4-Dichlorobenzene-d4 | 6.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Butyl aldoxime, 3-methyl-, syn- | 101 | C5H11NO | 005780-40-5 | 38 |
| 3 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 33 |
| 4 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 25 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |



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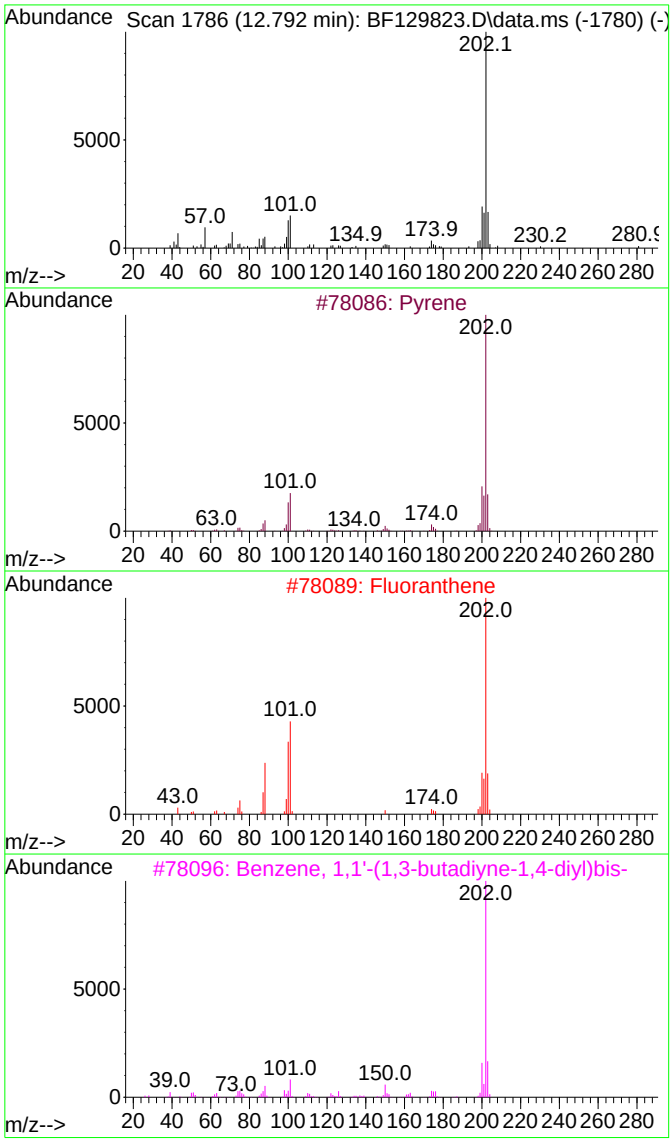
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

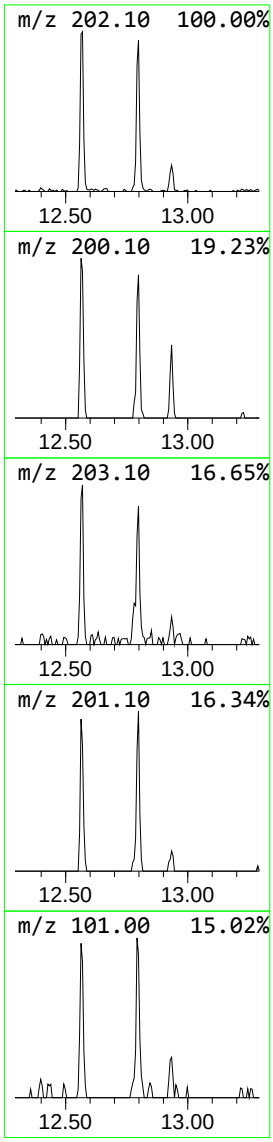
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.792 | 2.23 ng | 77006 | Chrysene-d12 | 13.998 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene | 202 | C16H10 | 000129-00-0 | 97 |
| 2 | Fluoranthene | 202 | C16H10 | 000206-44-0 | 91 |
| 3 | Benzene, 1,1'-(1,3-butadiyne-1,4... | 202 | C16H10 | 000886-66-8 | 64 |
| 4 | 1,4-Pentadiyn-3-one, 1,5-diphenyl- | 230 | C17H10O | 015814-30-9 | 56 |
| 5 | 1,4-naphthalenedione, 2-ethoxy- | 202 | C12H10O3 | 1000400-43-2 | 40 |



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ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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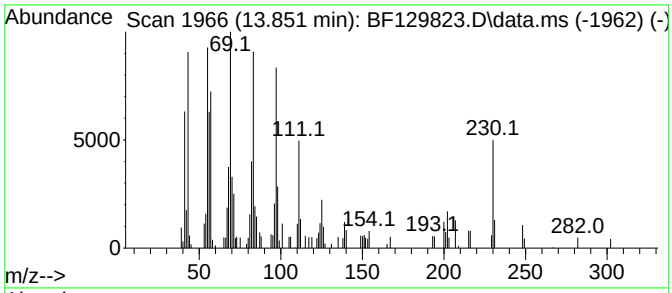
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

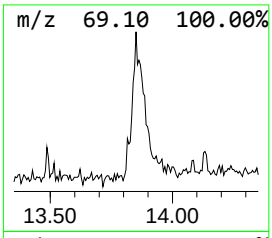
**********

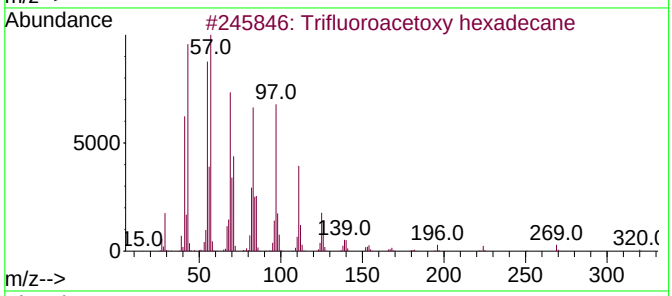
Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 1

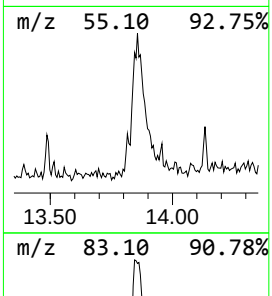
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.851 | 3.89 ng | 134583 | Chrysene-d12 | 13.998 |

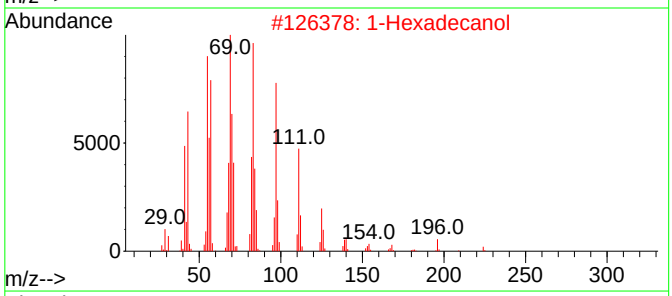
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 74 |
| 2 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 74 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 74 |
| 4 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 72 |
| 5 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 58 |

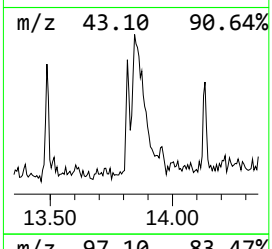


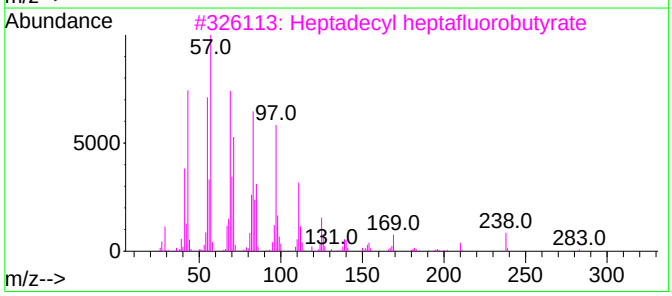



Tentatively Identified Compound (LSC) summary

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ALS Vial : 12 Sample Multiplier: 1

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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-... | 5.057 | 3.4 | ng | 144505 | 1 | 6.822 | 845176 | 20.0 |
| Benzene, 1,1'-(... | 12.792 | 2.2 | ng | 77006 | 5 | 13.998 | 691422 | 20.0 |
| Trifluoroacetox... | 13.851 | 3.9 | ng | 134583 | 5 | 13.998 | 691422 | 20.0 |