LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011198.D
Acq On : 01 Aug 2022 14:11
Operator : CG/JU
Sample : N3790-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBUL1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\Methods\SFAM-EPA-BP072822.M
Title : SVOA CALIBRATION

Signal : TIC: BP011198.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.564 | 78 | 81 | 95 | rVB | 234926 | 334099 | 4.24% | 0.510% |
| 2 | 6.828 | 630 | 636 | 648 | rVB | 1280343 | 1969168 | 24.97% | 3.004% |
| 3 | 6.993 | 658 | 664 | 674 | rVB | 1085822 | 1652999 | 20.96% | 2.521% |
| 4 | 7.181 | 690 | 696 | 705 | rVB | 1298188 | 1970816 | 24.99% | 3.006% |
| 5 | 7.646 | 769 | 775 | 784 | rVB | 1334538 | 2019382 | 25.61% | 3.080% |
| 6 | 8.363 | 891 | 897 | 913 | rBV | 1496806 | 2389980 | 30.31% | 3.645% |
| 7 | 8.810 | 966 | 973 | 985 | rVB | 1283859 | 2050533 | 26.01% | 3.128% |
| 8 | 9.528 | 1088 | 1095 | 1104 | rBV | 939408 | 1512966 | 19.19% | 2.308% |
| 9 | 10.063 | 1179 | 1186 | 1197 | rBV | 1309581 | 2181919 | 27.67% | 3.328% |
| 10 | 10.440 | 1243 | 1250 | 1259 | rBV | 1807226 | 2933537 | 37.20% | 4.474% |
| 11 | 10.587 | 1268 | 1275 | 1288 | rBV | 1328212 | 2211536 | 28.05% | 3.373% |
| 12 | 12.040 | 1516 | 1522 | 1530 | rVB3 | 24779 | 50913 | 0.65% | 0.078% |
| 13 | 12.316 | 1565 | 1569 | 1576 | rBV2 | 7007 | 11775 | 0.15% | 0.018% |
| 14 | 12.663 | 1623 | 1628 | 1637 | rBV10 | 5481 | 15518 | 0.20% | 0.024% |
| 15 | 12.922 | 1666 | 1672 | 1676 | rVB6 | 10284 | 17683 | 0.22% | 0.027% |
| 16 | 13.216 | 1718 | 1722 | 1728 | rVV3 | 16014 | 27870 | 0.35% | 0.043% |
| 17 | 13.275 | 1729 | 1732 | 1739 | rVB6 | 6166 | 10778 | 0.14% | 0.016% |
| 18 | 13.534 | 1771 | 1776 | 1782 | rBV10 | 6199 | 10077 | 0.13% | 0.015% |
| 19 | 13.734 | 1803 | 1810 | 1823 | rBV | 2125942 | 2963824 | 37.59% | 4.521% |
| 20 | 14.004 | 1846 | 1856 | 1869 | rBV | 2515950 | 3595401 | 45.60% | 5.484% |
| 21 | 14.316 | 1902 | 1909 | 1916 | rBV | 2289043 | 3175918 | 40.28% | 4.844% |
| 22 | 14.381 | 1916 | 1920 | 1923 | rVB6 | 4906 | 8408 | 0.11% | 0.013% |
| 23 | 14.539 | 1941 | 1947 | 1961 | rBV | 572120 | 972990 | 12.34% | 1.484% |
| 24 | 14.751 | 1979 | 1983 | 1990 | rVB4 | 31816 | 47241 | 0.60% | 0.072% |
| 25 | 15.134 | 2044 | 2048 | 2050 | rBV3 | 8259 | 11474 | 0.15% | 0.018% |
| 26 | 15.316 | 2073 | 2079 | 2095 | rVB | 2887721 | 4024580 | 51.04% | 6.139% |
| 27 | 15.445 | 2095 | 2101 | 2113 | rBV | 583403 | 817848 | 10.37% | 1.247% |
| 28 | 15.557 | 2115 | 2120 | 2124 | rVB2 | 31771 | 45746 | 0.58% | 0.070% |
| 29 | 15.886 | 2172 | 2176 | 2181 | rBV7 | 5785 | 10905 | 0.14% | 0.017% |
| 30 | 16.016 | 2194 | 2198 | 2202 | rBV7 | 5883 | 12761 | 0.16% | 0.019% |
| 31 | 16.057 | 2202 | 2205 | 2208 | rVV5 | 6675 | 10830 | 0.14% | 0.017% |
| 32 | 16.110 | 2211 | 2214 | 2221 | rVB7 | 9734 | 16114 | 0.20% | 0.025% |
| 33 | 16.757 | 2321 | 2324 | 2328 | rVB6 | 5426 | 8432 | 0.11% | 0.013% |
| 34 | 16.857 | 2335 | 2341 | 2346 | rBV5 | 9123 | 16029 | 0.20% | 0.024% |
| 35 | 17.022 | 2365 | 2369 | 2373 | rVB7 | 7110 | 11462 | 0.15% | 0.017% |
| 36 | 17.086 | 2373 | 2380 | 2390 | rBV | 2216383 | 3099413 | 39.31% | 4.727% |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.186 | 2390 | 2397 | 2409 | rVV | 2739638 | 3871512 | 49.10% | 5.905% |
| 38 | 17.292 | 2411 | 2415 | 2420 | rVB3 | 36018 | 49194 | 0.62% | 0.075% |
| 39 | 17.386 | 2429 | 2431 | 2436 | rBV6 | 6831 | 9502 | 0.12% | 0.014% |
| 40 | 17.498 | 2441 | 2450 | 2458 | rVV6 | 18181 | 43984 | 0.56% | 0.067% |
| 41 | 17.781 | 2493 | 2498 | 2507 | rBV | 84122 | 102674 | 1.30% | 0.157% |
| 42 | 17.998 | 2531 | 2535 | 2539 | rBV6 | 14499 | 21861 | 0.28% | 0.033% |
| 43 | 18.069 | 2543 | 2547 | 2551 | rBV2 | 10907 | 17934 | 0.23% | 0.027% |
| 44 | 18.922 | 2688 | 2692 | 2696 | rBV | 199528 | 213960 | 2.71% | 0.326% |
| 45 | 19.016 | 2704 | 2708 | 2711 | rBV3 | 39130 | 58055 | 0.74% | 0.089% |
| 46 | 19.057 | 2711 | 2715 | 2717 | rVV | 72224 | 79664 | 1.01% | 0.122% |
| 47 | 19.086 | 2717 | 2720 | 2723 | rVB | 27231 | 37420 | 0.47% | 0.057% |
| 48 | 19.445 | 2775 | 2781 | 2789 | rBV | 3324319 | 4443364 | 56.35% | 6.777% |
| 49 | 20.563 | 2961 | 2971 | 2974 | rBV4 | 481292 | 1363506 | 17.29% | 2.080% |
| 50 | 20.939 | 3032 | 3035 | 3042 | rBV3 | 148260 | 252820 | 3.21% | 0.386% |
| 51 | 21.210 | 3076 | 3081 | 3087 | rBV | 2695210 | 3319175 | 42.10% | 5.063% |
| 52 | 23.404 | 3447 | 3454 | 3472 | rVB2 | 3152768 | 7884869 | 100.00% | 12.027% |
| 53 | 23.557 | 3474 | 3480 | 3489 | rVB2 | 1806618 | 3571746 | 45.30% | 5.448% |

Sum of corrected areas: 65562165

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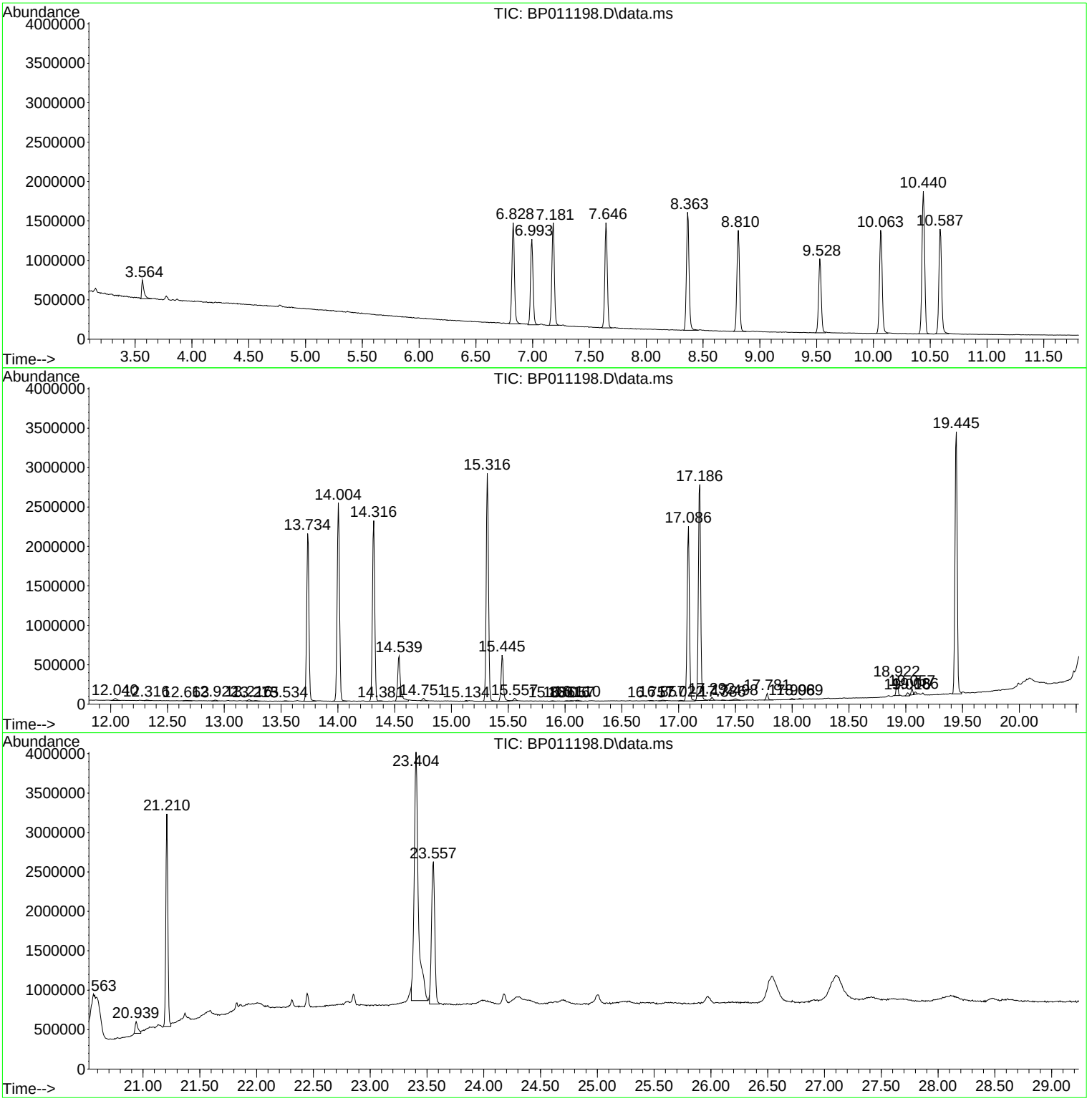
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

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



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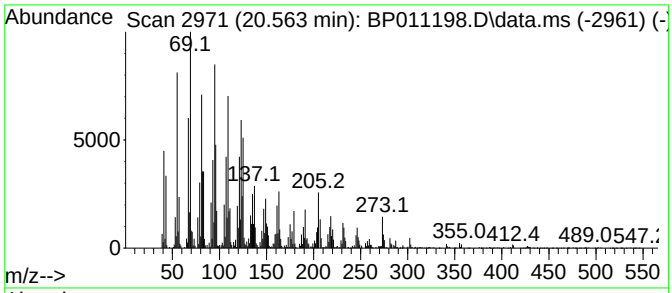
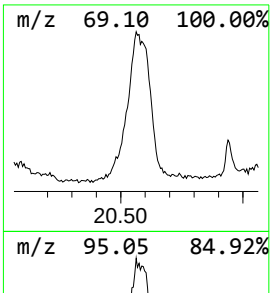
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Sesquirosefuran Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.563 | 8.22 ng/ul | 1363510 | Chrysene-d12 | 21.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Friedelan-3-one | 426 | C30H50O | 000559-74-0 | 96 |
| 2 | Sesquirosefuran | 218 | C15H22O | 039007-93-7 | 86 |
| 3 | Friedelan-3-one | 426 | C30H50O | 000559-74-0 | 74 |
| 4 | 5-Bromo-4-oxo-4,5,6,7-tetrahydro... | 216 | C6H5BrN2O2 | 300574-36-1 | 53 |
| 5 | Sesquirosefuran | 218 | C15H22O | 039007-93-7 | 50 |



Tentatively Identified Compound (LSC) summary

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DBUL1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA 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 |
| Sesquirosefuran | 20.563 | 8.2 | ng/ul | 1363510 | 5 | 21.210 | 3319180 | 20.0 |