LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036565.D
Acq On : 16 Sep 2022 16:34
Operator : CG/JU
Sample : N4601-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** A5762

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036565.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.122 | 3 | 6 | 45 | rVB | 11193219 | 16559256 | 100.00% | 23.391% |
| 2 | 3.393 | 49 | 52 | 60 | rVB3 | 31003 | 52588 | 0.32% | 0.074% |
| 3 | 4.063 | 162 | 166 | 175 | rVB | 60805 | 103477 | 0.62% | 0.146% |
| 4 | 4.163 | 178 | 183 | 189 | rBV3 | 22411 | 35225 | 0.21% | 0.050% |
| 5 | 5.104 | 338 | 343 | 354 | rVB2 | 25872 | 49622 | 0.30% | 0.070% |
| 6 | 7.175 | 688 | 695 | 707 | rVB | 492380 | 835831 | 5.05% | 1.181% |
| 7 | 7.351 | 719 | 725 | 736 | rVB | 514014 | 808650 | 4.88% | 1.142% |
| 8 | 7.551 | 753 | 759 | 770 | rBV | 541296 | 850293 | 5.13% | 1.201% |
| 9 | 8.028 | 833 | 840 | 847 | rBV | 1189489 | 1862046 | 11.24% | 2.630% |
| 10 | 8.728 | 949 | 959 | 968 | rBV | 635574 | 1017500 | 6.14% | 1.437% |
| 11 | 8.851 | 975 | 980 | 984 | rVB | 21916 | 34331 | 0.21% | 0.048% |
| 12 | 9.187 | 1030 | 1037 | 1046 | rBV | 540688 | 898253 | 5.42% | 1.269% |
| 13 | 9.628 | 1108 | 1112 | 1120 | rVB3 | 19642 | 33600 | 0.20% | 0.047% |
| 14 | 9.916 | 1154 | 1161 | 1169 | rBV | 320702 | 520356 | 3.14% | 0.735% |
| 15 | 10.451 | 1245 | 1252 | 1264 | rBV | 579856 | 945724 | 5.71% | 1.336% |
| 16 | 10.616 | 1274 | 1280 | 1287 | rBV3 | 18583 | 33582 | 0.20% | 0.047% |
| 17 | 10.839 | 1310 | 1318 | 1329 | rBV | 1711206 | 2812740 | 16.99% | 3.973% |
| 18 | 10.969 | 1333 | 1340 | 1349 | rBV | 128717 | 224650 | 1.36% | 0.317% |
| 19 | 12.122 | 1529 | 1536 | 1542 | rVB6 | 10720 | 24102 | 0.15% | 0.034% |
| 20 | 12.416 | 1579 | 1586 | 1592 | rBV3 | 16040 | 28957 | 0.17% | 0.041% |
| 21 | 13.486 | 1763 | 1768 | 1774 | rVB2 | 22815 | 32522 | 0.20% | 0.046% |
| 22 | 13.557 | 1774 | 1780 | 1784 | rBV4 | 14441 | 23501 | 0.14% | 0.033% |
| 23 | 13.886 | 1832 | 1836 | 1840 | rVB3 | 13320 | 18154 | 0.11% | 0.026% |
| 24 | 13.975 | 1843 | 1851 | 1857 | rBV3 | 10334 | 20142 | 0.12% | 0.028% |
| 25 | 14.063 | 1859 | 1866 | 1876 | rBV | 1230634 | 1716551 | 10.37% | 2.425% |
| 26 | 14.345 | 1908 | 1914 | 1923 | rVB | 1548930 | 2181771 | 13.18% | 3.082% |
| 27 | 14.651 | 1958 | 1966 | 1978 | rVV | 2745883 | 4072447 | 24.59% | 5.753% |
| 28 | 14.822 | 1988 | 1995 | 2002 | rBV | 109336 | 164308 | 0.99% | 0.232% |
| 29 | 14.886 | 2002 | 2006 | 2013 | rVB | 58828 | 94632 | 0.57% | 0.134% |
| 30 | 15.057 | 2031 | 2035 | 2040 | rVB5 | 28434 | 43400 | 0.26% | 0.061% |
| 31 | 15.451 | 2098 | 2102 | 2107 | rBV5 | 11268 | 22676 | 0.14% | 0.032% |
| 32 | 15.639 | 2124 | 2134 | 2146 | rBV | 2116555 | 3078804 | 18.59% | 4.349% |
| 33 | 15.739 | 2146 | 2151 | 2161 | rVB | 143903 | 214520 | 1.30% | 0.303% |
| 34 | 15.874 | 2170 | 2174 | 2180 | rBV3 | 18190 | 30252 | 0.18% | 0.043% |
| 35 | 16.704 | 2310 | 2315 | 2319 | rBV7 | 12391 | 21756 | 0.13% | 0.031% |
| 36 | 16.892 | 2337 | 2347 | 2351 | rBV2 | 25010 | 51127 | 0.31% | 0.072% |

LSC Area Percent Report

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Sample : N4601-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A5762

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.157 | 2387 | 2392 | 2393 | rBV3 | 17618 | 23250 | 0.14% | 0.033% |
| 38 | 17.386 | 2424 | 2431 | 2441 | rBV | 3585988 | 4990585 | 30.14% | 7.050% |
| 39 | 17.486 | 2441 | 2448 | 2458 | rVV | 2461131 | 3396706 | 20.51% | 4.798% |
| 40 | 17.568 | 2458 | 2462 | 2468 | rVB6 | 48334 | 72132 | 0.44% | 0.102% |
| 41 | 17.962 | 2525 | 2529 | 2533 | rBV2 | 26160 | 35586 | 0.21% | 0.050% |
| 42 | 18.062 | 2542 | 2546 | 2551 | rVB | 46371 | 55566 | 0.34% | 0.078% |
| 43 | 18.280 | 2578 | 2583 | 2590 | rBV6 | 33687 | 62434 | 0.38% | 0.088% |
| 44 | 18.351 | 2592 | 2595 | 2600 | rVB2 | 19073 | 27544 | 0.17% | 0.039% |
| 45 | 18.909 | 2685 | 2690 | 2695 | rBV2 | 29970 | 44316 | 0.27% | 0.063% |
| 46 | 19.162 | 2731 | 2733 | 2737 | rVB4 | 16625 | 16837 | 0.10% | 0.024% |
| 47 | 19.209 | 2739 | 2741 | 2746 | rVB4 | 16358 | 18220 | 0.11% | 0.026% |
| 48 | 19.333 | 2758 | 2762 | 2766 | rBV2 | 30989 | 49143 | 0.30% | 0.069% |
| 49 | 19.404 | 2771 | 2774 | 2777 | rVB2 | 27753 | 32036 | 0.19% | 0.045% |
| 50 | 19.551 | 2796 | 2799 | 2805 | rBV7 | 22059 | 31043 | 0.19% | 0.044% |
| 51 | 19.698 | 2821 | 2824 | 2829 | rVB2 | 40172 | 52407 | 0.32% | 0.074% |
| 52 | 19.762 | 2829 | 2835 | 2843 | rBV | 2979697 | 4007060 | 24.20% | 5.660% |
| 53 | 20.321 | 2927 | 2930 | 2932 | rBV3 | 33938 | 36989 | 0.22% | 0.052% |
| 54 | 20.398 | 2940 | 2943 | 2946 | rVB | 49684 | 52335 | 0.32% | 0.074% |
| 55 | 20.768 | 3002 | 3006 | 3011 | rBV | 389596 | 419534 | 2.53% | 0.593% |
| 56 | 21.027 | 3046 | 3050 | 3053 | rBV | 74730 | 85851 | 0.52% | 0.121% |
| 57 | 21.268 | 3086 | 3091 | 3098 | rBV | 397779 | 574996 | 3.47% | 0.812% |
| 58 | 21.550 | 3134 | 3139 | 3145 | rBV | 4574133 | 5597481 | 33.80% | 7.907% |
| 59 | 21.721 | 3165 | 3168 | 3173 | rBV3 | 85128 | 134352 | 0.81% | 0.190% |
| 60 | 22.203 | 3245 | 3250 | 3258 | rVB4 | 293694 | 514010 | 3.10% | 0.726% |
| 61 | 23.280 | 3429 | 3433 | 3437 | rBV | 138487 | 208261 | 1.26% | 0.294% |
| 62 | 23.839 | 3521 | 3528 | 3537 | rVB | 1959569 | 3825895 | 23.10% | 5.404% |
| 63 | 23.997 | 3548 | 3555 | 3571 | rVB2 | 2820042 | 5820919 | 35.15% | 8.222% |
| 64 | 24.680 | 3667 | 3671 | 3679 | rVB2 | 174215 | 330882 | 2.00% | 0.467% |
| 65 | 26.862 | 4037 | 4042 | 4055 | rVB3 | 271648 | 759617 | 4.59% | 1.073% |

Sum of corrected areas: 70793333

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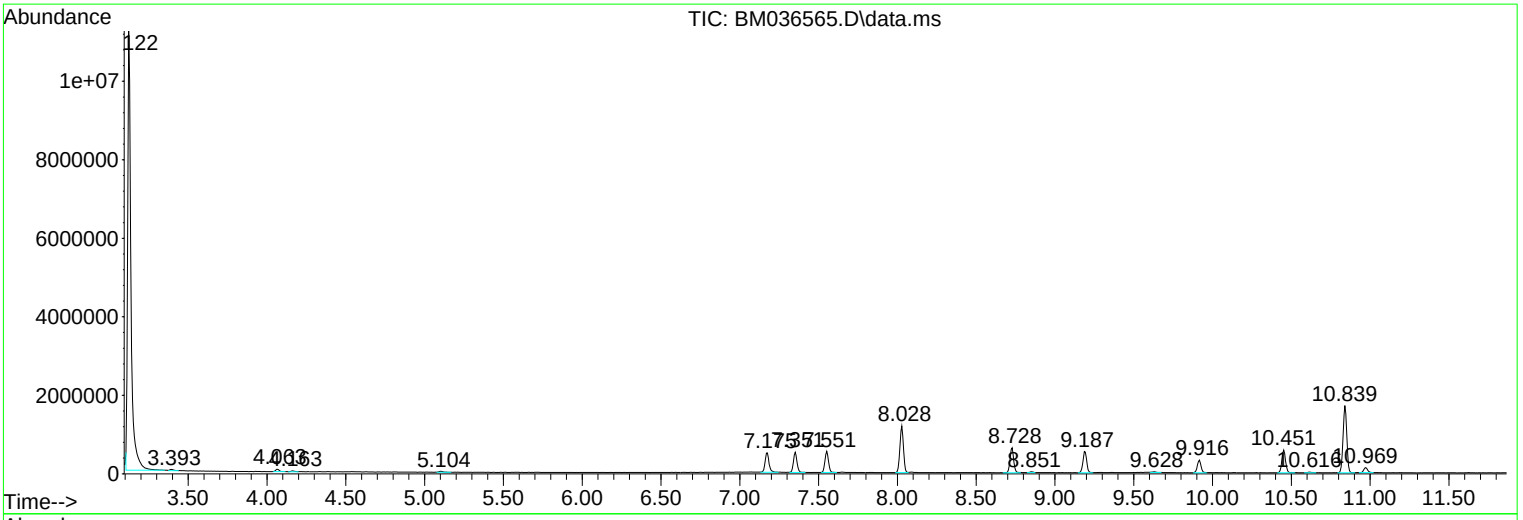
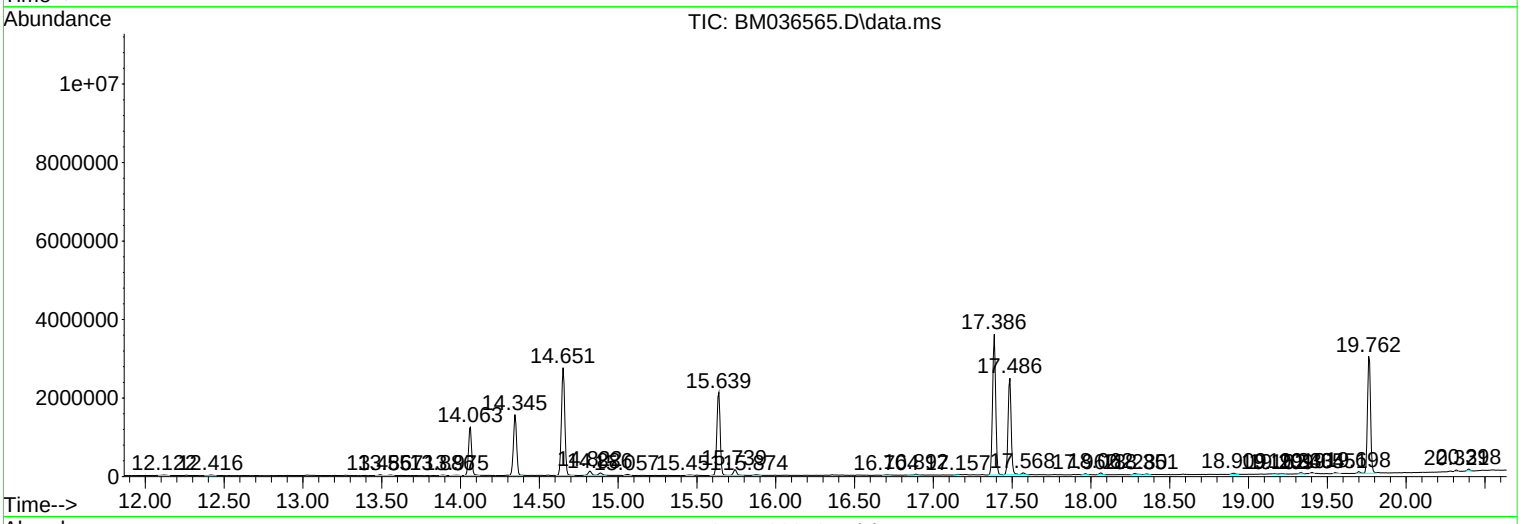
Sample : N4601-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

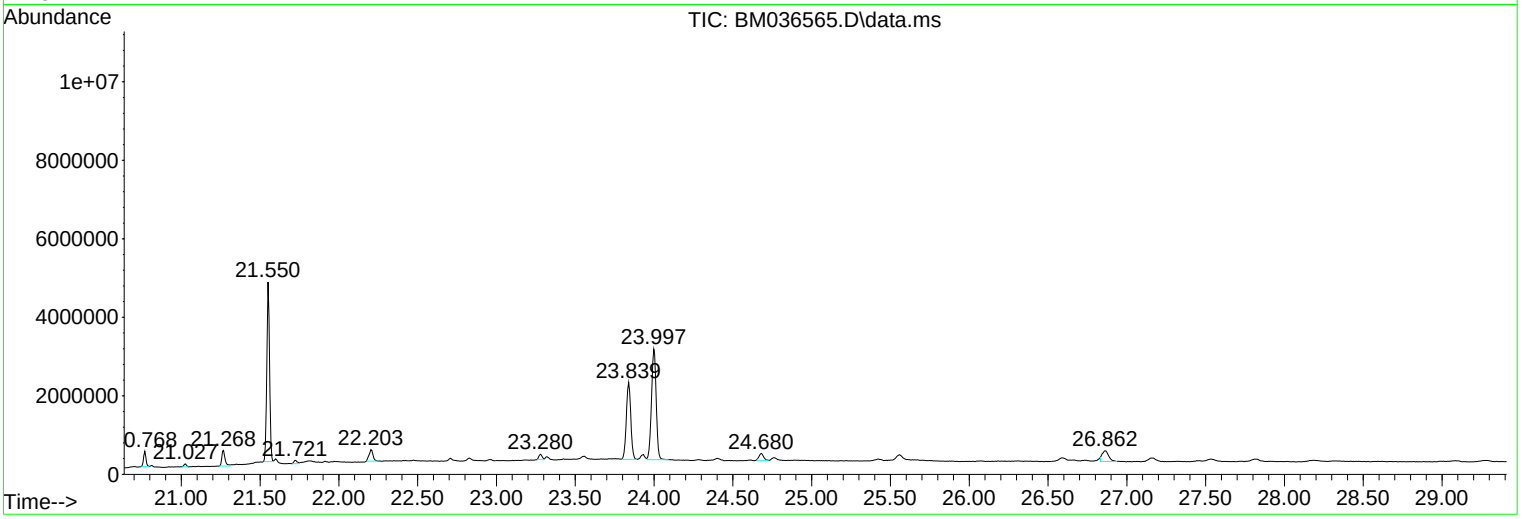
**Instrument :**
BNA_M
**ClientSampleId :**
A5762

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM036565.D
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Operator : CG/JU
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**Instrument :**
BNA_M
**ClientSampleId :**
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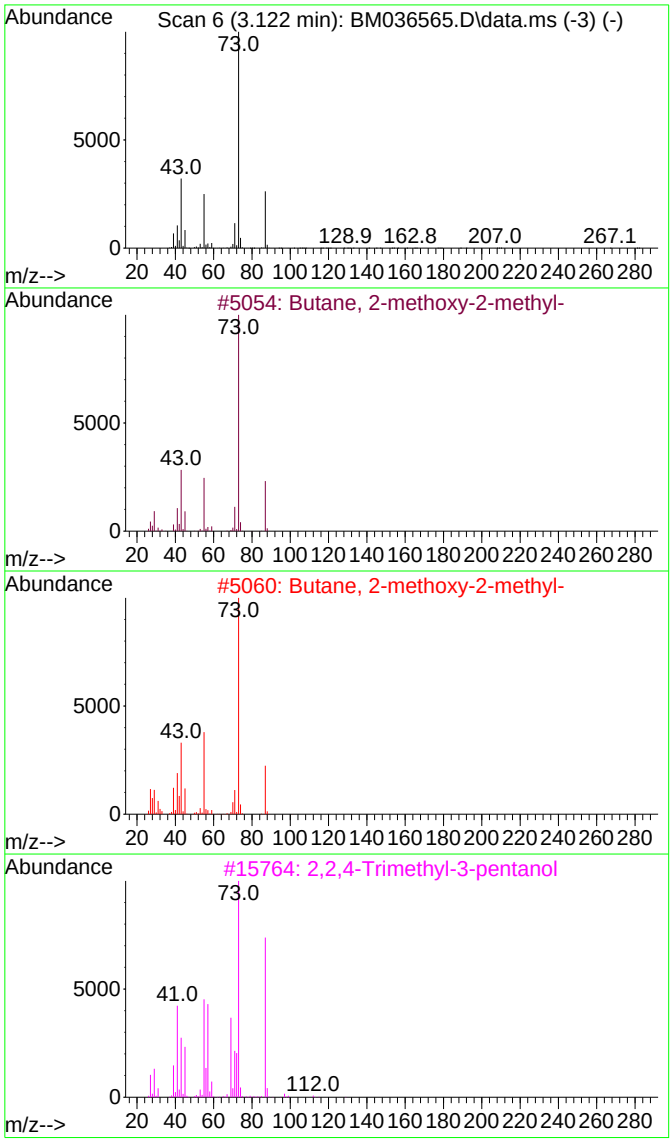
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

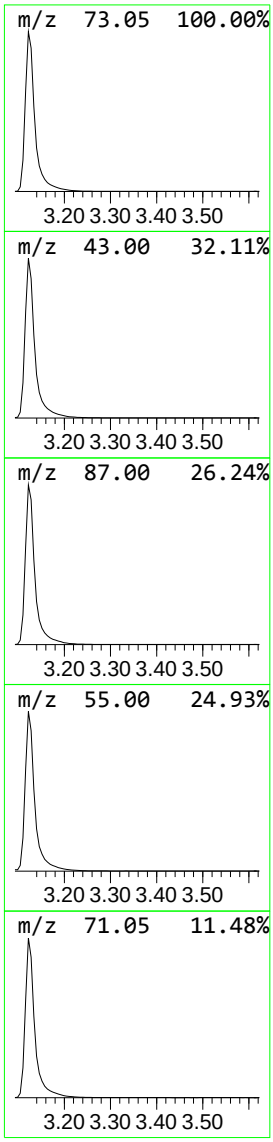
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.122 | 177.86 ng/ul | 16559300 | 1,4-Dichlorobenzene-d4 | 8.028 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036565.D
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Operator : CG/JU
Sample : N4601-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A5762

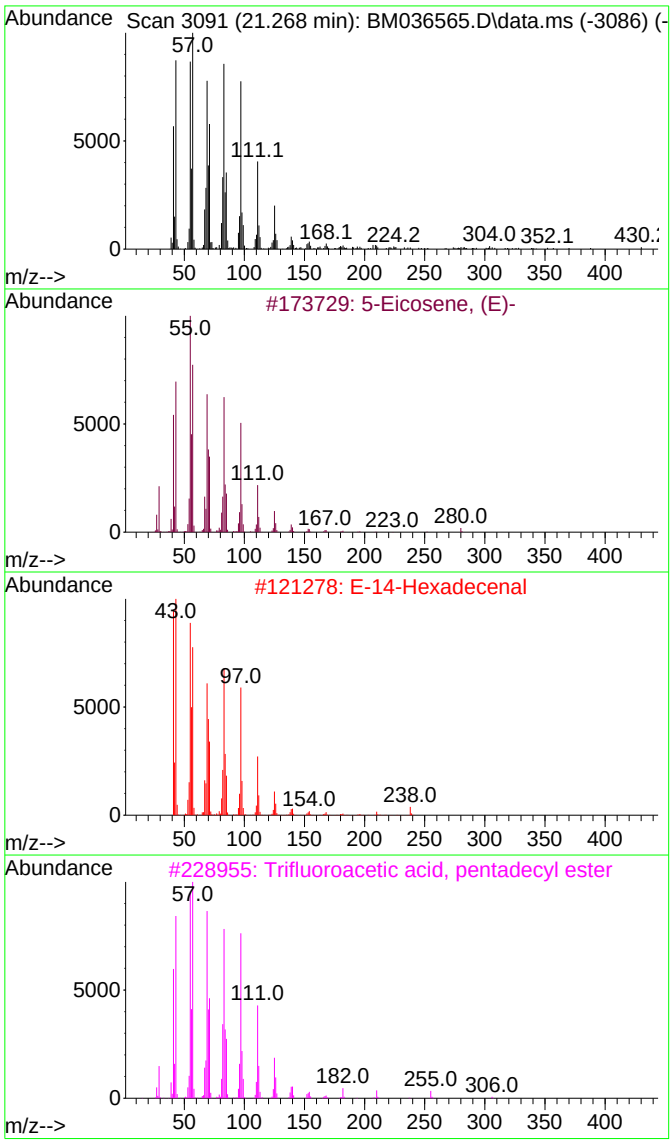
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

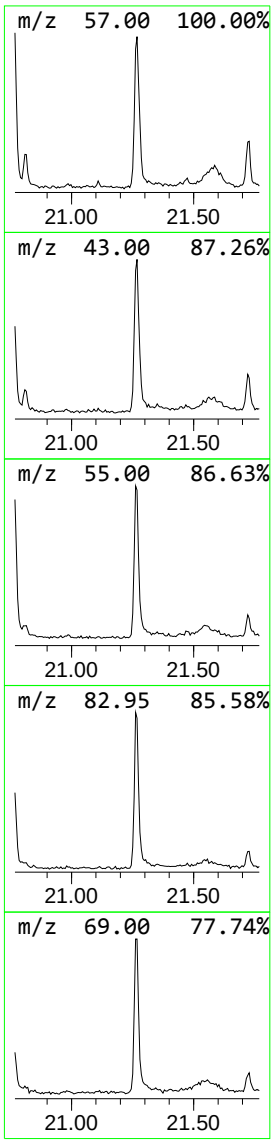
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.268 | 2.05 ng/ul | 574996 | Chrysene-d12 | 21.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 97 |
| 2 | E-14-Hexadecenal | 238 | C16H30O | 330207-53-9 | 95 |
| 3 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |
| 4 | Heptacos-1-ene | 378 | C27H54 | 015306-27-1 | 94 |
| 5 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |



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Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

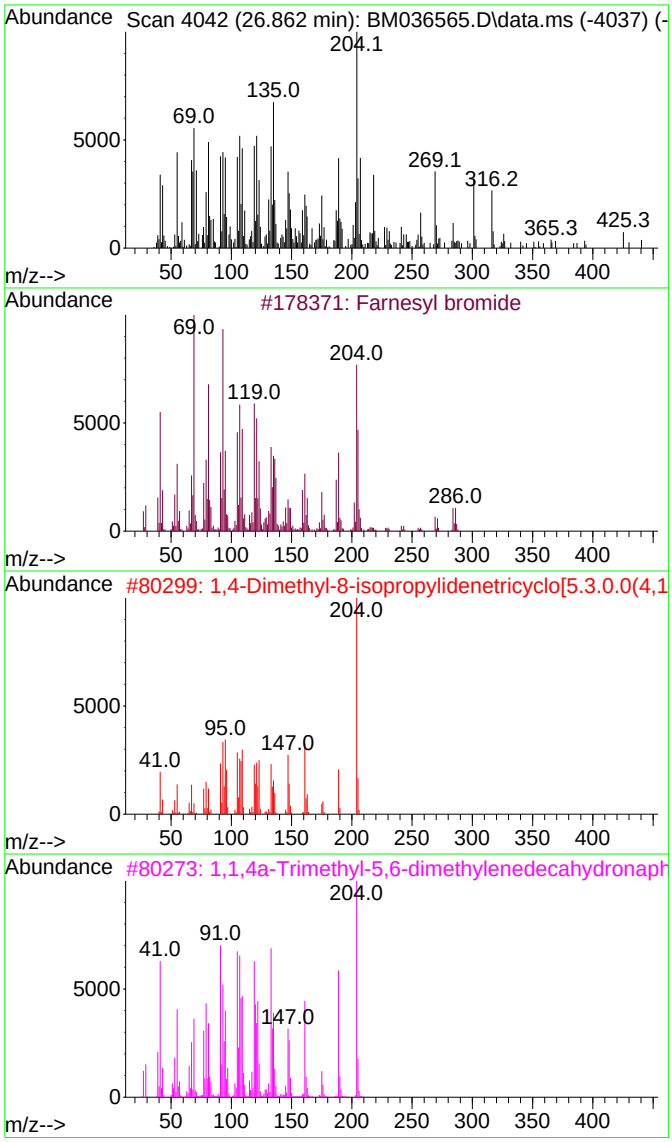
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

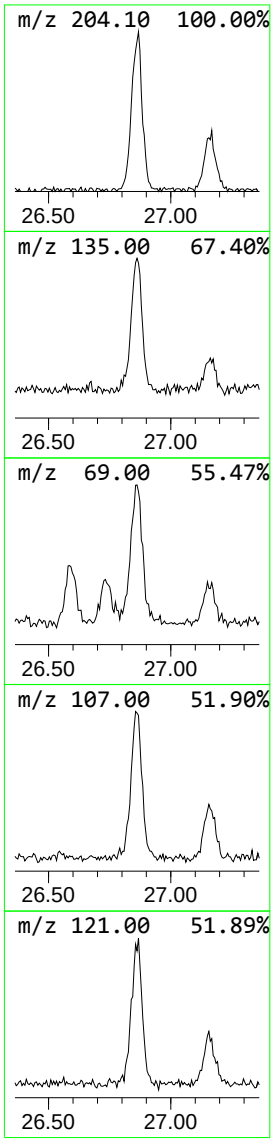
**********

Peak Number 3 Farnesyl bromide Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.862 | 2.61 ng/ul | 759617 | Perylene-d12 | 23.997 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Farnesyl bromide | 284 | C15H25Br | 006874-67-5 | 64 |
| 2 | 1,4-Dimethyl-8-isopropylidenetri... | 204 | C15H24 | 1010140-07-7 | 58 |
| 3 | 1,1,4a-Trimethyl-5,6-dimethylene... | 204 | C15H24 | 1000193-60-8 | 58 |
| 4 | Naphthalene, 1,2,3,5,6,7,8,8a-oc... | 204 | C15H24 | 004630-07-3 | 43 |
| 5 | 3-Cyclohexene-1-methanol, .alpha... | 222 | C15H26O | 023178-88-3 | 41 |



Tentatively Identified Compound (LSC) summary

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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 |
| Butane, 2-metho... | 3.122 | 177.9 | ng/ul | 16559300 | 1 | 8.028 | 1862050 | 20.0 |
| (DEL) Alkane: S... | 21.268 | 2.0 | ng/ul | 574996 | 5 | 21.551 | 5597480 | 20.0 |
| Farnesyl bromide | 26.862 | 2.6 | ng/ul | 759617 | 6 | 23.997 | 5820920 | 20.0 |