LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

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\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.040 | 22 | 26 | 42 | rVB2 | 56971 | 154431 | 2.01% | 0.165% |
| 2 | 3.646 | 123 | 129 | 135 | rBV | 22184 | 52140 | 0.68% | 0.056% |
| 3 | 3.722 | 137 | 142 | 158 | rVB | 181615 | 420530 | 5.49% | 0.448% |
| 4 | 3.940 | 173 | 179 | 192 | rBV | 361364 | 744650 | 9.72% | 0.794% |
| 5 | 4.334 | 240 | 246 | 259 | rBV | 300811 | 575073 | 7.50% | 0.613% |
| 6 | 4.599 | 287 | 291 | 300 | rVB | 70752 | 122844 | 1.60% | 0.131% |
| 7 | 5.111 | 374 | 378 | 386 | rVB5 | 11298 | 25878 | 0.34% | 0.028% |
| 8 | 5.481 | 431 | 441 | 445 | rBV9 | 30772 | 68768 | 0.90% | 0.073% |
| 9 | 5.516 | 445 | 447 | 454 | rVB5 | 14038 | 18389 | 0.24% | 0.020% |
| 10 | 5.828 | 492 | 500 | 507 | rBV | 135188 | 224910 | 2.93% | 0.240% |
| 11 | 6.599 | 619 | 631 | 646 | rBV | 1146880 | 2013148 | 26.27% | 2.145% |
| 12 | 6.752 | 651 | 657 | 671 | rVB | 1067214 | 1691309 | 22.07% | 1.802% |
| 13 | 6.940 | 680 | 689 | 701 | rBV | 1402461 | 2253063 | 29.40% | 2.401% |
| 14 | 7.058 | 704 | 709 | 714 | rVV5 | 26364 | 42612 | 0.56% | 0.045% |
| 15 | 7.399 | 759 | 767 | 776 | rBV | 1586367 | 2555436 | 33.34% | 2.723% |
| 16 | 7.487 | 778 | 782 | 786 | rVV2 | 18038 | 31006 | 0.40% | 0.033% |
| 17 | 7.634 | 802 | 807 | 812 | rBV5 | 10175 | 21682 | 0.28% | 0.023% |
| 18 | 8.110 | 881 | 888 | 901 | rBV | 1550394 | 2504095 | 32.67% | 2.669% |
| 19 | 8.210 | 901 | 905 | 911 | rVB | 52454 | 87908 | 1.15% | 0.094% |
| 20 | 8.534 | 951 | 960 | 973 | rBV | 1179928 | 1958355 | 25.55% | 2.087% |
| 21 | 8.640 | 974 | 978 | 984 | rVV8 | 17618 | 32936 | 0.43% | 0.035% |
| 22 | 8.722 | 986 | 992 | 999 | rVB7 | 32822 | 55644 | 0.73% | 0.059% |
| 23 | 9.022 | 1037 | 1043 | 1053 | rBV | 174054 | 255166 | 3.33% | 0.272% |
| 24 | 9.246 | 1073 | 1081 | 1090 | rBV | 1021135 | 1669006 | 21.78% | 1.779% |
| 25 | 9.781 | 1166 | 1172 | 1184 | rBV | 1596336 | 2749342 | 35.87% | 2.930% |
| 26 | 10.146 | 1227 | 1234 | 1240 | rBV | 2026369 | 3341250 | 43.59% | 3.561% |
| 27 | 10.199 | 1240 | 1243 | 1249 | rVB | 63704 | 104413 | 1.36% | 0.111% |
| 28 | 10.293 | 1252 | 1259 | 1279 | rBV | 1152917 | 2196416 | 28.66% | 2.341% |
| 29 | 11.628 | 1482 | 1486 | 1490 | rVB4 | 15535 | 22287 | 0.29% | 0.024% |
| 30 | 11.751 | 1500 | 1507 | 1514 | rBV | 32892 | 59045 | 0.77% | 0.063% |
| 31 | 11.822 | 1514 | 1519 | 1527 | rVB | 39245 | 73968 | 0.97% | 0.079% |
| 32 | 12.051 | 1553 | 1558 | 1564 | rVB2 | 17367 | 32234 | 0.42% | 0.034% |
| 33 | 12.904 | 1700 | 1703 | 1707 | rVV3 | 21903 | 27777 | 0.36% | 0.030% |
| 34 | 12.975 | 1707 | 1715 | 1719 | rVV4 | 18990 | 32137 | 0.42% | 0.034% |

LSC Area Percent Report

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Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

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\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.222 | 1755 | 1757 | 1761 | rVB3 | 17575 | 19821 | 0.26% | 0.021% |
| 36 | 13.316 | 1770 | 1773 | 1776 | rVB3 | 15224 | 17418 | 0.23% | 0.019% |
| 37 | 13.363 | 1776 | 1781 | 1786 | rVB3 | 20977 | 36745 | 0.48% | 0.039% |
| 38 | 13.416 | 1786 | 1790 | 1793 | rBV3 | 17427 | 22747 | 0.30% | 0.024% |
| 39 | 13.469 | 1793 | 1799 | 1804 | rVV | 2753234 | 3775007 | 49.25% | 4.023% |
| 40 | 13.516 | 1804 | 1807 | 1813 | rVB | 117917 | 159425 | 2.08% | 0.170% |
| 41 | 13.604 | 1819 | 1822 | 1833 | rVB6 | 15434 | 33645 | 0.44% | 0.036% |
| 42 | 13.728 | 1837 | 1843 | 1856 | rVV | 3263292 | 4703979 | 61.37% | 5.013% |
| 43 | 13.892 | 1866 | 1871 | 1878 | rBV3 | 27671 | 55566 | 0.72% | 0.059% |
| 44 | 13.998 | 1885 | 1889 | 1891 | rBV2 | 20037 | 26263 | 0.34% | 0.028% |
| 45 | 14.045 | 1891 | 1897 | 1904 | rVV | 3118310 | 4367363 | 56.98% | 4.654% |
| 46 | 14.269 | 1929 | 1935 | 1955 | rBV | 807202 | 1531578 | 19.98% | 1.632% |
| 47 | 14.451 | 1962 | 1966 | 1972 | rVB3 | 20343 | 32202 | 0.42% | 0.034% |
| 48 | 14.539 | 1978 | 1981 | 1986 | rVB5 | 15032 | 18500 | 0.24% | 0.020% |
| 49 | 14.681 | 2001 | 2005 | 2009 | rVV7 | 9950 | 19154 | 0.25% | 0.020% |
| 50 | 14.734 | 2009 | 2014 | 2020 | rVB8 | 16649 | 29023 | 0.38% | 0.031% |
| 51 | 14.957 | 2048 | 2052 | 2056 | rVB3 | 18945 | 22347 | 0.29% | 0.024% |
| 52 | 15.045 | 2061 | 2067 | 2075 | rBV | 4143076 | 5872594 | 76.62% | 6.259% |
| 53 | 15.181 | 2084 | 2090 | 2103 | rBV | 1114092 | 1570478 | 20.49% | 1.674% |
| 54 | 15.292 | 2105 | 2109 | 2113 | rVV | 52070 | 74440 | 0.97% | 0.079% |
| 55 | 15.345 | 2115 | 2118 | 2125 | rVB8 | 21964 | 43678 | 0.57% | 0.047% |
| 56 | 15.404 | 2125 | 2128 | 2135 | rBV6 | 11761 | 20757 | 0.27% | 0.022% |
| 57 | 15.639 | 2161 | 2168 | 2176 | rBV6 | 15674 | 49192 | 0.64% | 0.052% |
| 58 | 15.822 | 2196 | 2199 | 2200 | rVV3 | 25309 | 25552 | 0.33% | 0.027% |
| 59 | 15.845 | 2200 | 2203 | 2207 | rVB4 | 35143 | 53259 | 0.69% | 0.057% |
| 60 | 16.169 | 2254 | 2258 | 2264 | rVB8 | 11811 | 23589 | 0.31% | 0.025% |
| 61 | 16.545 | 2319 | 2322 | 2327 | rBV7 | 10249 | 19326 | 0.25% | 0.021% |
| 62 | 16.586 | 2327 | 2329 | 2331 | rVV2 | 14584 | 18426 | 0.24% | 0.020% |
| 63 | 16.616 | 2331 | 2334 | 2339 | rVV3 | 32830 | 47626 | 0.62% | 0.051% |
| 64 | 16.686 | 2339 | 2346 | 2350 | rVB4 | 39495 | 71965 | 0.94% | 0.077% |
| 65 | 16.798 | 2359 | 2365 | 2370 | rBV | 3597832 | 4894716 | 63.86% | 5.217% |
| 66 | 16.839 | 2370 | 2372 | 2376 | rVV | 186863 | 219895 | 2.87% | 0.234% |
| 67 | 16.898 | 2376 | 2382 | 2394 | rVB | 4024032 | 5606431 | 73.15% | 5.975% |
| 68 | 17.227 | 2434 | 2438 | 2442 | rBV5 | 45062 | 66741 | 0.87% | 0.071% |
| 69 | 17.680 | 2511 | 2515 | 2518 | rBV | 37106 | 55450 | 0.72% | 0.059% |
| 70 | 17.733 | 2518 | 2524 | 2531 | rVV2 | 83806 | 180050 | 2.35% | 0.192% |
| 71 | 17.804 | 2533 | 2536 | 2542 | rVV2 | 53216 | 75023 | 0.98% | 0.080% |

LSC Area Percent Report

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Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

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\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 17.869 | 2543 | 2547 | 2551 | rVV4 | 56002 | 90915 | 1.19% | 0.097% |
| 73 | 17.910 | 2551 | 2554 | 2558 | rVB3 | 34215 | 44880 | 0.59% | 0.048% |
| 74 | 18.033 | 2571 | 2575 | 2580 | rVV4 | 55002 | 109649 | 1.43% | 0.117% |
| 75 | 18.180 | 2596 | 2600 | 2605 | rBV2 | 104951 | 151624 | 1.98% | 0.162% |
| 76 | 18.433 | 2641 | 2643 | 2649 | rVB7 | 17603 | 25178 | 0.33% | 0.027% |
| 77 | 18.610 | 2669 | 2673 | 2679 | rBV2 | 79098 | 123478 | 1.61% | 0.132% |
| 78 | 18.692 | 2685 | 2687 | 2692 | rVB5 | 51921 | 74139 | 0.97% | 0.079% |
| 79 | 18.757 | 2693 | 2698 | 2699 | rBV5 | 32802 | 44012 | 0.57% | 0.047% |
| 80 | 18.839 | 2708 | 2712 | 2714 | rBV | 71586 | 103039 | 1.34% | 0.110% |
| 81 | 18.869 | 2714 | 2717 | 2723 | rVB | 313201 | 405064 | 5.28% | 0.432% |
| 82 | 19.092 | 2752 | 2755 | 2760 | rVB2 | 43193 | 51283 | 0.67% | 0.055% |
| 83 | 19.204 | 2768 | 2774 | 2784 | rBV | 5400103 | 7664710 | 100.00% | 8.169% |
| 84 | 19.274 | 2784 | 2786 | 2790 | rVB4 | 42281 | 46748 | 0.61% | 0.050% |
| 85 | 19.710 | 2856 | 2860 | 2863 | rBV5 | 63115 | 97432 | 1.27% | 0.104% |
| 86 | 19.774 | 2869 | 2871 | 2875 | rBV5 | 30819 | 34686 | 0.45% | 0.037% |
| 87 | 19.816 | 2876 | 2878 | 2881 | rVV | 53897 | 51911 | 0.68% | 0.055% |
| 88 | 20.116 | 2926 | 2929 | 2934 | rBV3 | 99551 | 129492 | 1.69% | 0.138% |
| 89 | 20.768 | 3036 | 3040 | 3047 | rBV | 1151844 | 1537422 | 20.06% | 1.638% |
| 90 | 21.010 | 3076 | 3081 | 3086 | rBV | 4230351 | 5528396 | 72.13% | 5.892% |
| 91 | 21.221 | 3114 | 3117 | 3120 | rVB | 173177 | 182549 | 2.38% | 0.195% |
| 92 | 21.639 | 3184 | 3188 | 3195 | rBV2 | 509352 | 716002 | 9.34% | 0.763% |
| 93 | 22.074 | 3259 | 3262 | 3272 | rVB | 316498 | 398787 | 5.20% | 0.425% |
| 94 | 22.545 | 3338 | 3342 | 3345 | rBV2 | 585244 | 756831 | 9.87% | 0.807% |
| 95 | 22.580 | 3345 | 3348 | 3357 | rVB3 | 387871 | 571447 | 7.46% | 0.609% |
| 96 | 22.980 | 3410 | 3416 | 3427 | rVV | 4215873 | 6982977 | 91.11% | 7.442% |
| 97 | 23.068 | 3428 | 3431 | 3433 | rVV | 401565 | 565652 | 7.38% | 0.603% |
| 98 | 23.109 | 3433 | 3438 | 3453 | rVB | 3128549 | 5543835 | 72.33% | 5.908% |
| 99 | 23.662 | 3527 | 3532 | 3538 | rVB | 600861 | 1012964 | 13.22% | 1.080% |
| 100 | 23.727 | 3540 | 3543 | 3551 | rVB2 | 425017 | 708464 | 9.24% | 0.755% |

Sum of corrected areas: 93831385

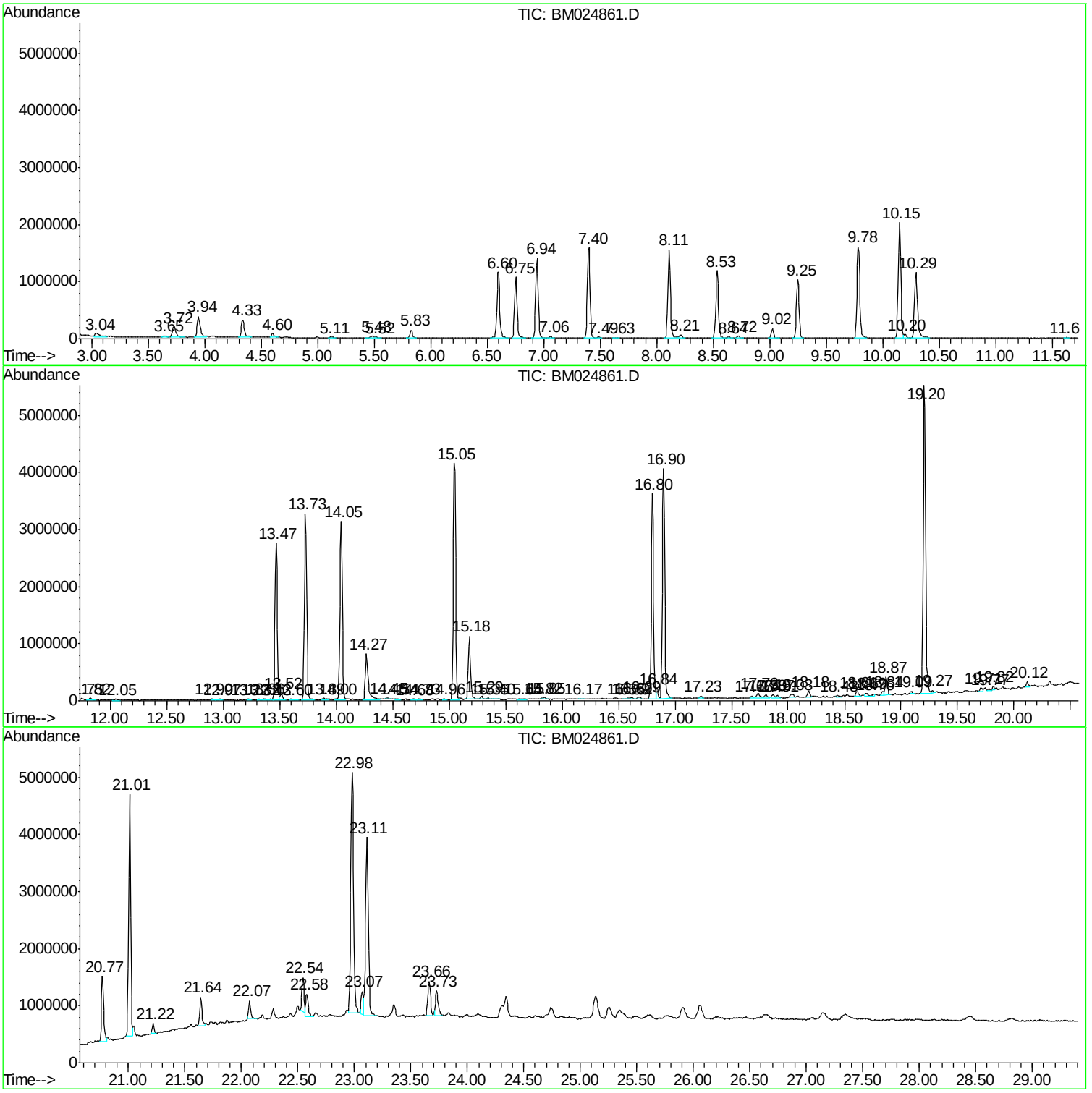
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

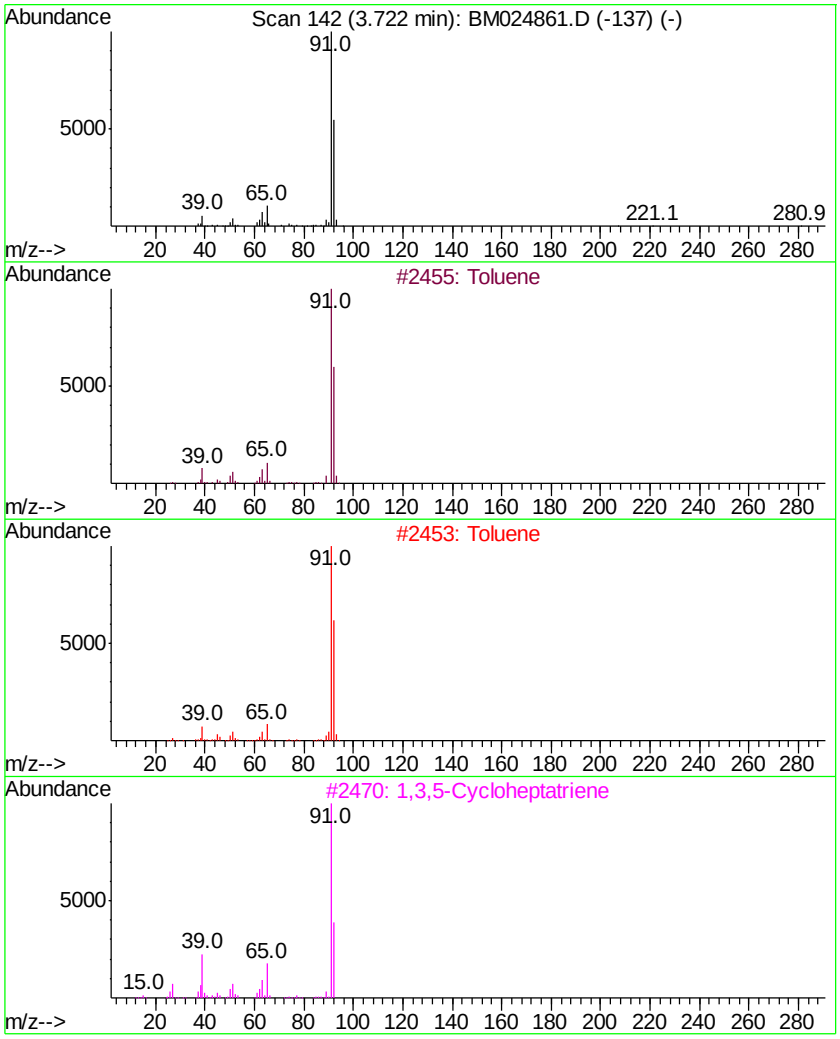
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

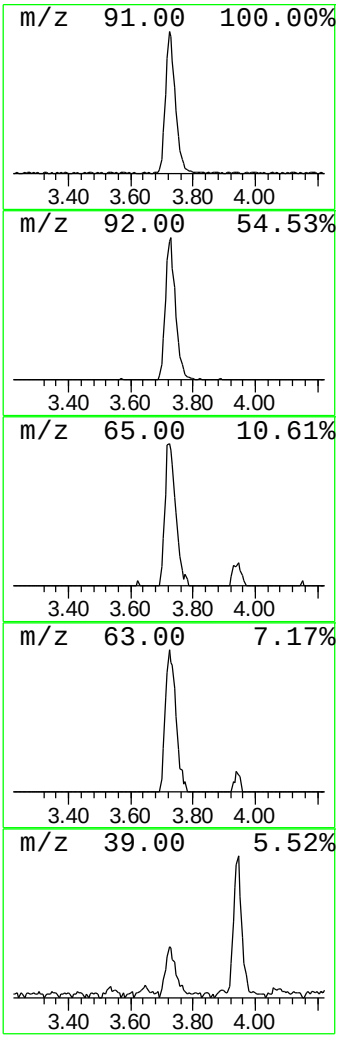
**********

Peak Number 1 Toluene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.72 | 3.29 ng/ul | 420530 | 1,4-Dichlorobenzene-d4 | 7.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 2 | Toluene | 92 | C7H8 | 000108-88-3 | 87 |
| 3 | 1,3,5-Cycloheptatriene | 92 | C7H8 | 000544-25-2 | 87 |
| 4 | 1,3,5-Cycloheptatriene | 92 | C7H8 | 000544-25-2 | 86 |
| 5 | Toluene | 92 | C7H8 | 000108-88-3 | 80 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

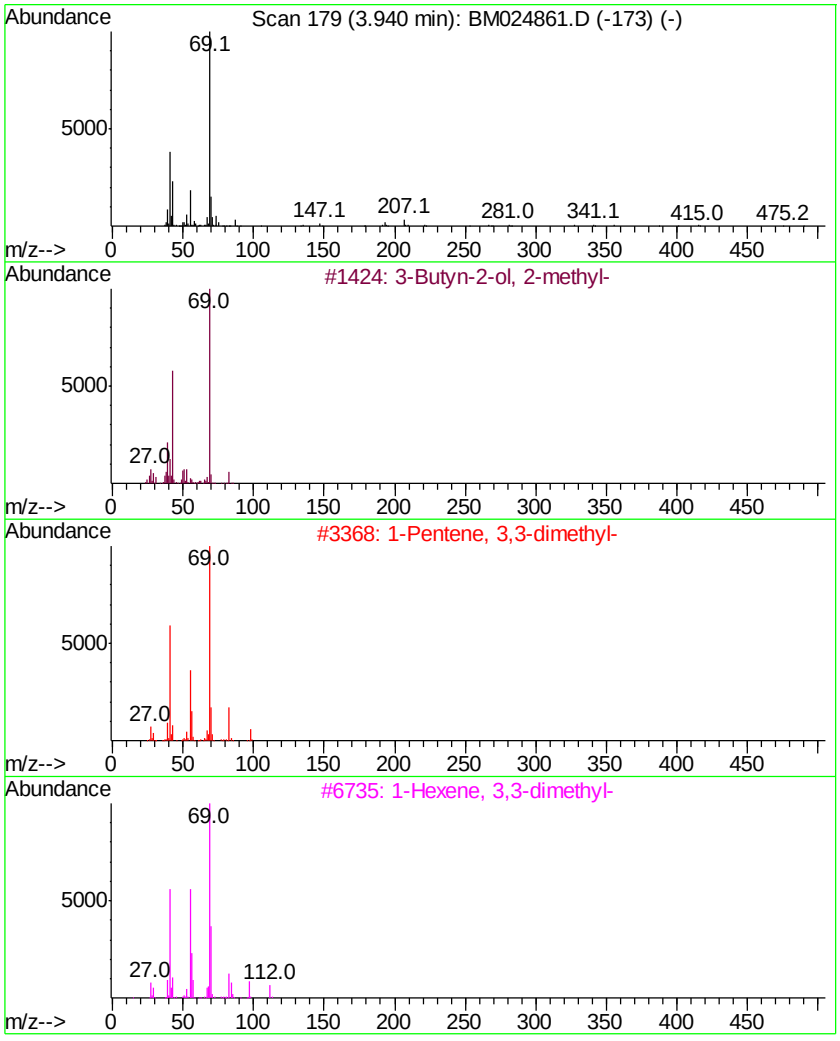
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

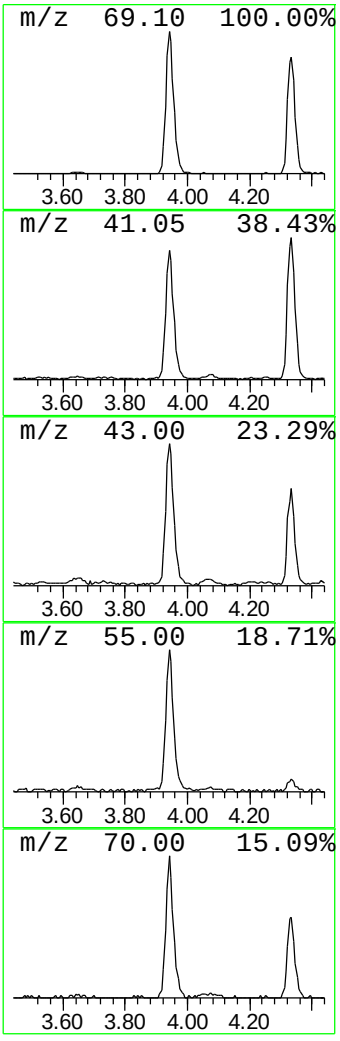
**********

Peak Number 2 unknown-01 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.94 | 5.83 ng/ul | 744650 | 1,4-Dichlorobenzene-d4 | 7.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Butyn-2-ol, 2-methyl- | 84 | C5H8O | 000115-19-5 | 9 |
| 2 | 1-Pentene, 3,3-dimethyl- | 98 | C7H14 | 003404-73-7 | 9 |
| 3 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 9 |
| 4 | 1,6-Octadiene, 2,7-dimethyl- | 138 | C10H18 | 040195-09-3 | 9 |
| 5 | 4-Trifluoroacetoxyoctane | 226 | C10H17F3O2 | 116465-17-9 | 9 |



Library Search Compound Report

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Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

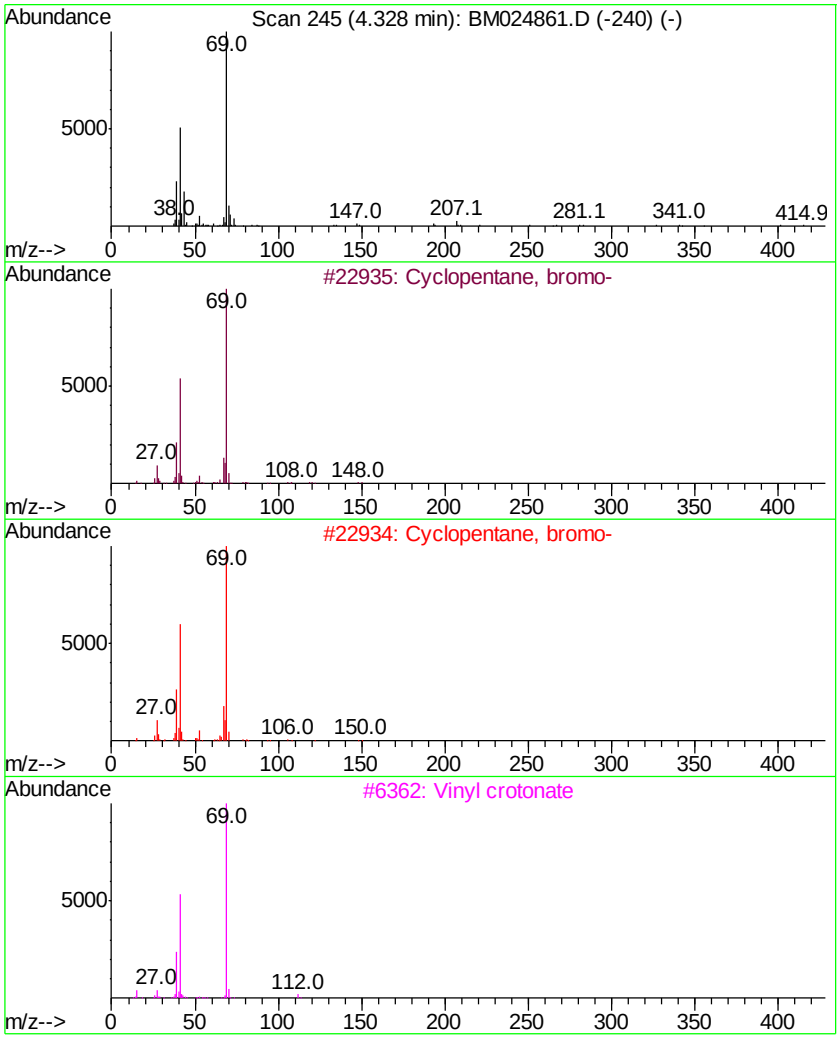
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

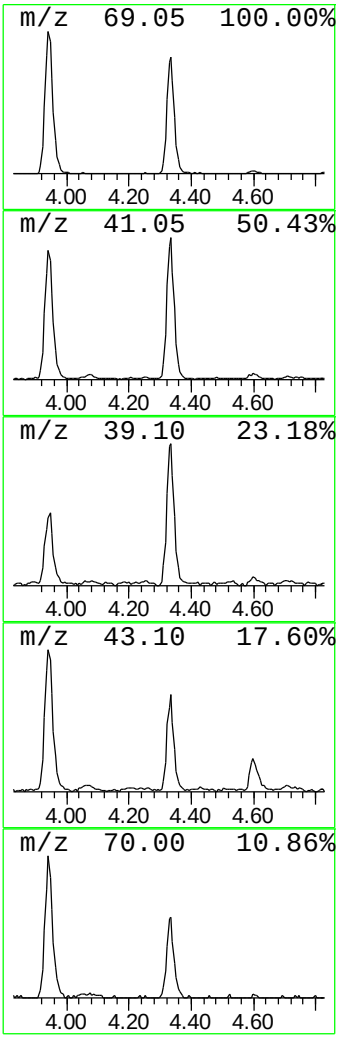
**********

Peak Number 3 Cyclopentane, bromo- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.33 | 4.50 ng/ul | 575073 | 1,4-Dichlorobenzene-d4 | 7.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, bromo- | 148 | C5H9Br | 000137-43-9 | 59 |
| 2 | Cyclopentane, bromo- | 148 | C5H9Br | 000137-43-9 | 45 |
| 3 | Vinyl crotonate | 112 | C6H8O2 | 014861-06-4 | 38 |
| 4 | Cyclopentane, bromo- | 148 | C5H9Br | 000137-43-9 | 38 |
| 5 | 1,5-Heptadiene, 3,4-dimethyl- | 124 | C9H16 | 1000061-77-9 | 38 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
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Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

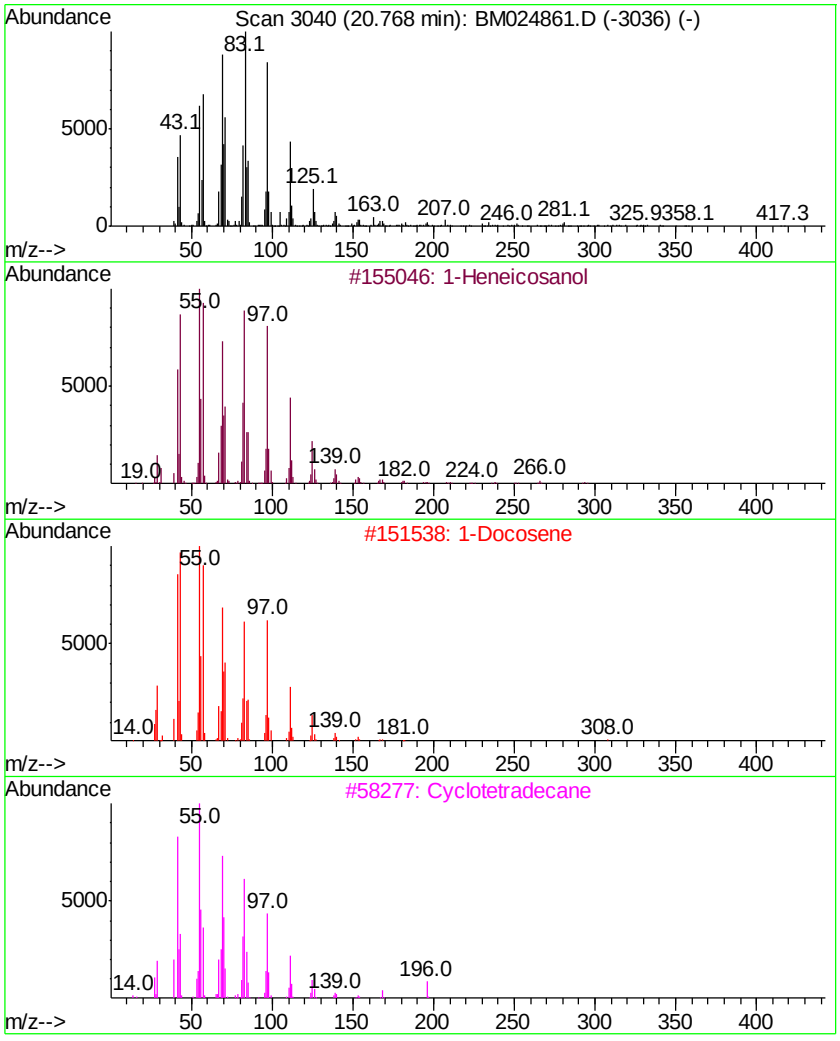
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

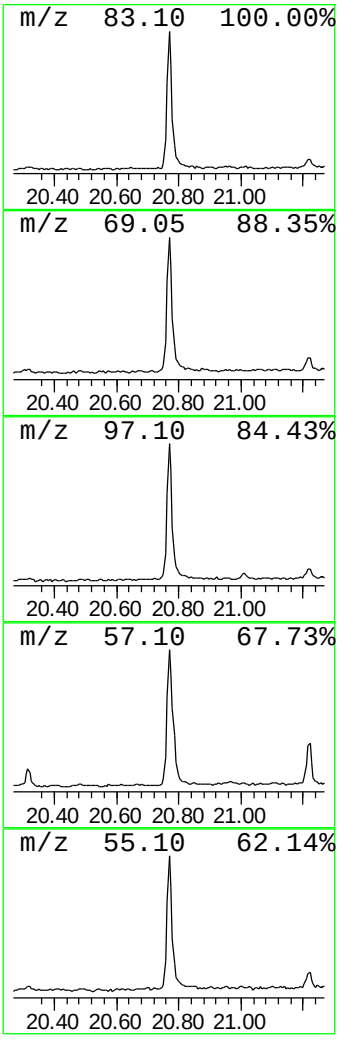
**********

Peak Number 4 1-Heneicosanol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.77 | 5.56 ng/ul | 1537420 | Chrysene-d12 | 21.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 90 |
| 2 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 76 |
| 3 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 70 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 68 |
| 5 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 64 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

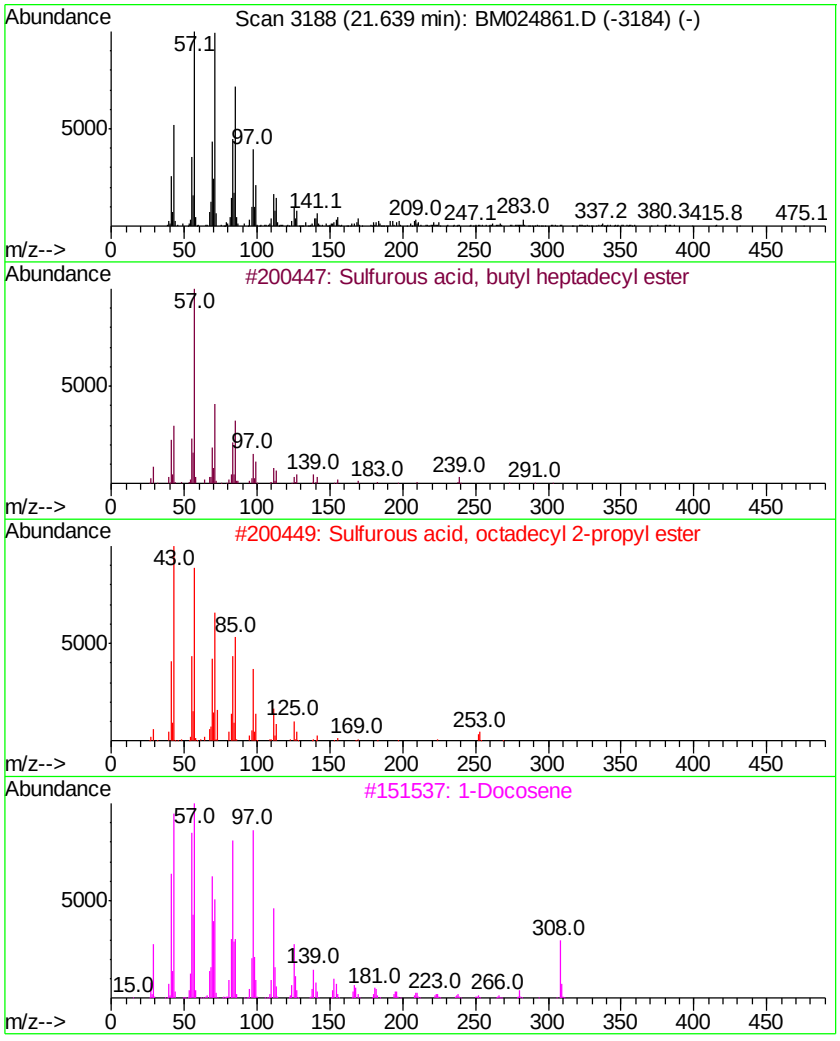
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

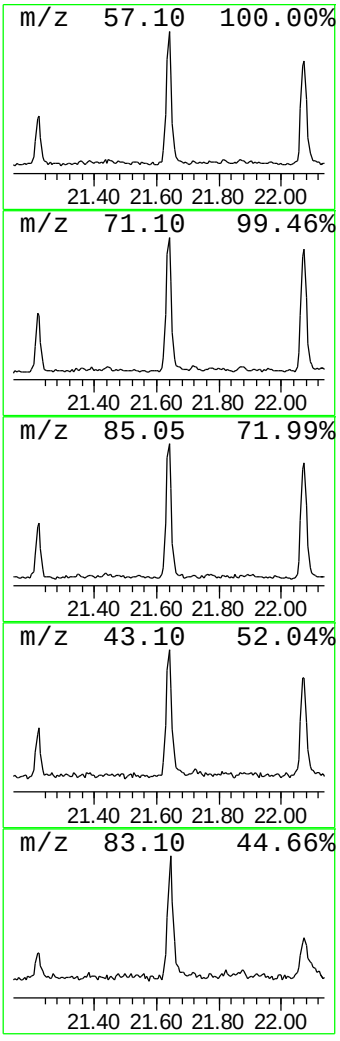
**********

Peak Number 5 Sulfurous acid, butyl hepta... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.64 | 2.59 ng/ul | 716002 | Chrysene-d12 | 21.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S | 1000309-18-4 | 91 |
| 2 | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 74 |
| 3 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 70 |
| 4 | Nonadecane, 9-methyl- | 282 | C20H42 | 013287-24-6 | 64 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 58 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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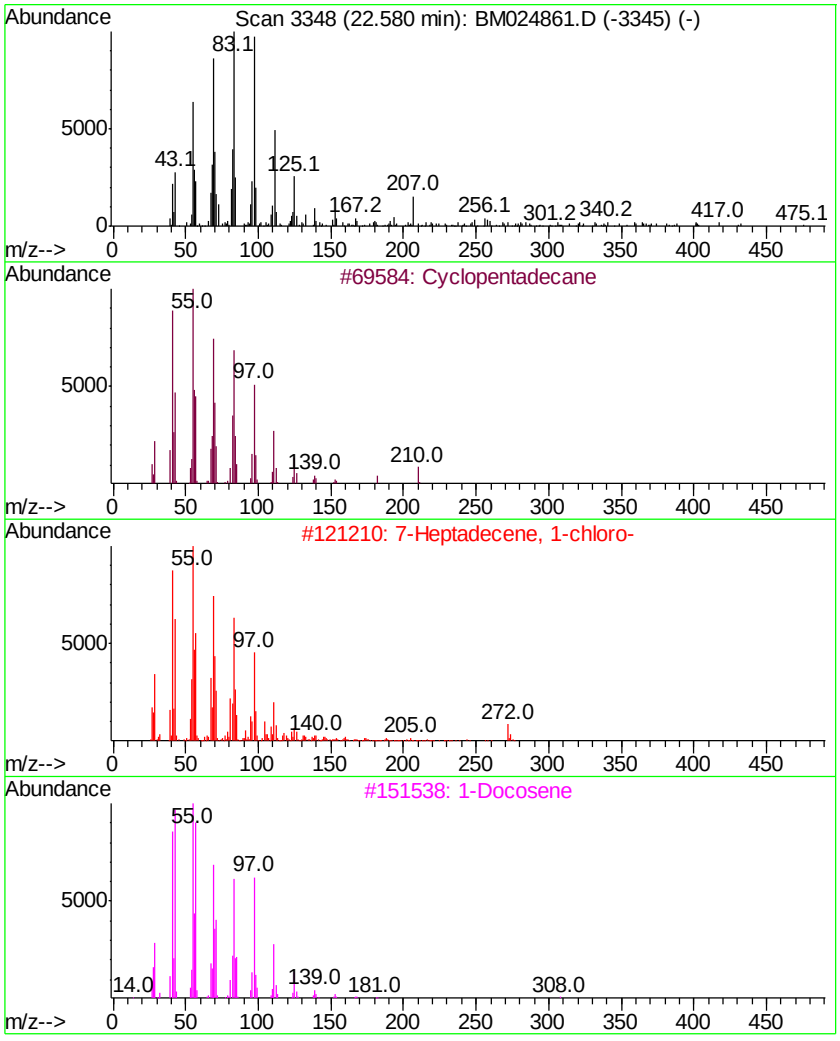
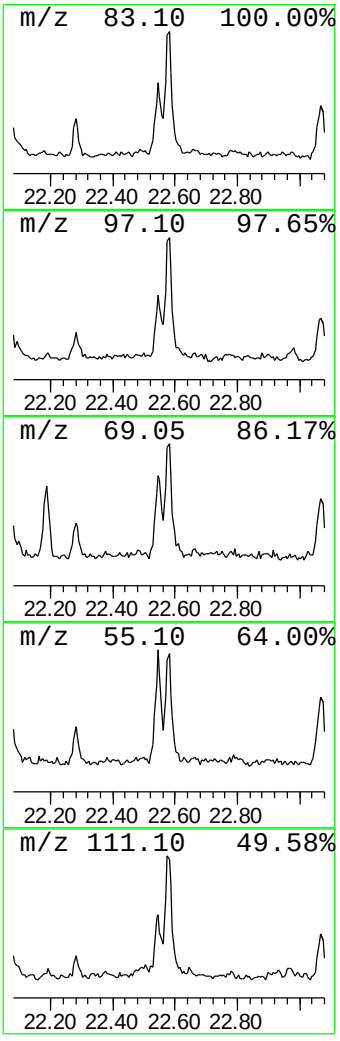
Peak Number 6 (DEL) Alkane: Cyclic22.58 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.58 | 2.06 ng/ul | 571447 | Perylene-d12 | 23.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 93 |
| 2 | 7-Heptadecene, 1-chloro- | 272 | C17H33Cl | 056554-78-0 | 80 |
| 3 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 64 |
| 4 | 7-Tetradecene, (E)- | 196 | C14H28 | 041446-63-3 | 35 |
| 5 | 7-Tetradecene, (Z)- | 196 | C14H28 | 041446-60-0 | 35 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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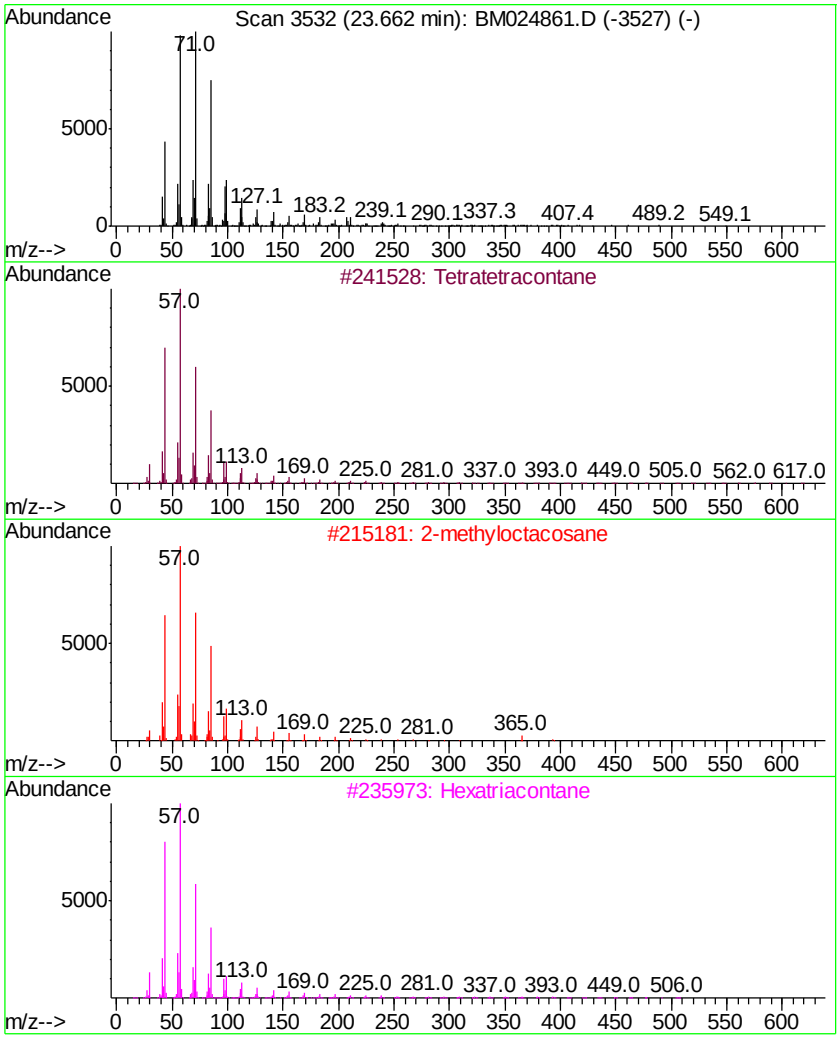
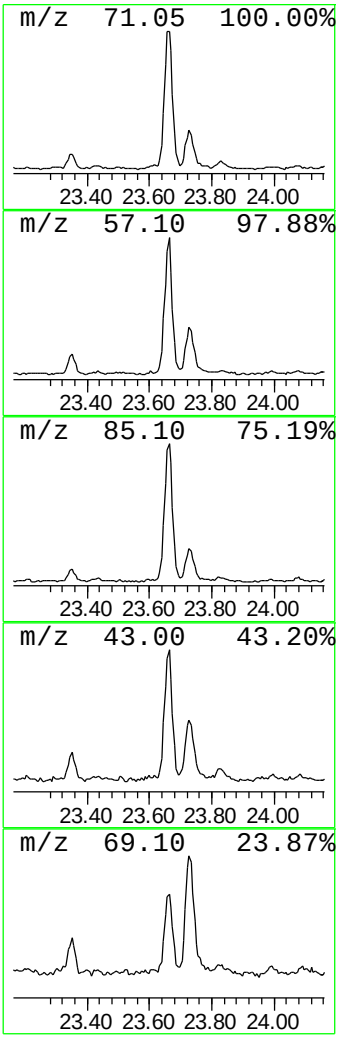
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.66 | 3.65 ng/ul | 1012960 | Perylene-d12 | 23.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 2 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 87 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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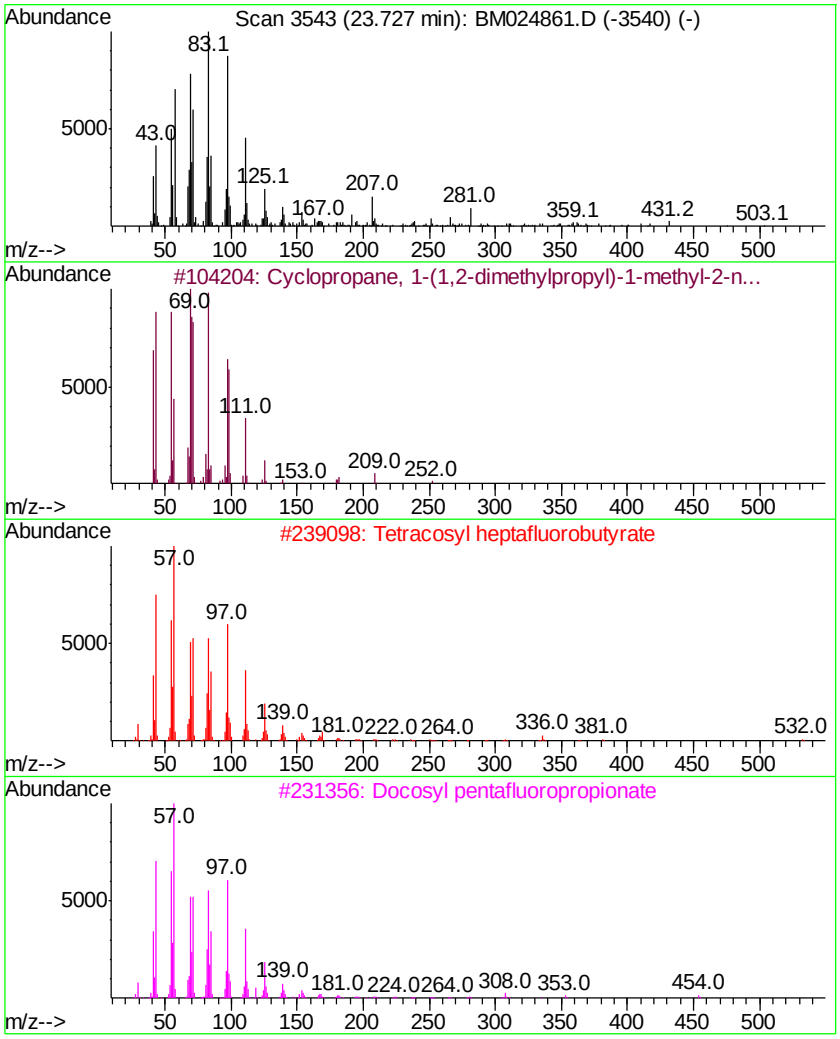
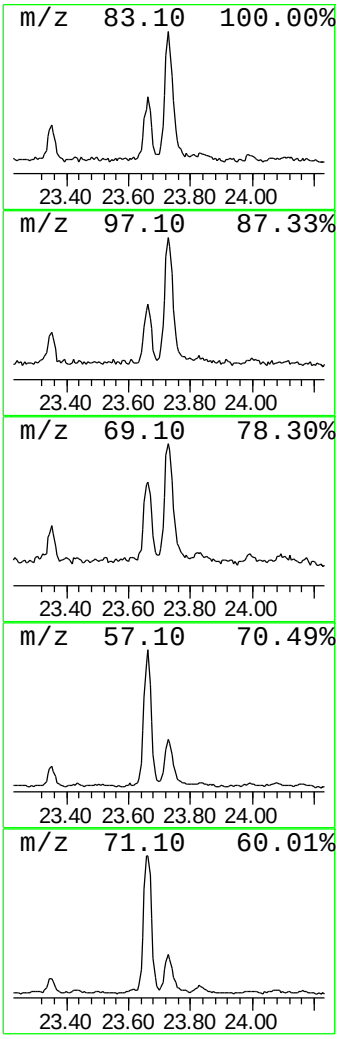
Peak Number 8 (DEL) Alkane: Cyclic23.73 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.73 | 2.56 ng/ul | 708464 | Perylene-d12 | 23.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1-(1,2-dimethylpro... | 252 | C18H36 | 041977-42-8 | 90 |
| 2 | Tetracosyl heptafluorobutyrate | 550 | C28H49F7O2 | 1000351-83-7 | 58 |
| 3 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 58 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 58 |
| 5 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 55 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024861.D
Acq On : 13 Feb 2020 18:38
Operator : CG/JU
Sample : L1404-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6M8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA 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 |
| Toluene | 3.72 | 3.3 | ng/ul | 420530 | 1 | 7.40 | 2555440 | 20.0 |
| unknown-01 | 3.94 | 5.8 | ng/ul | 744650 | 1 | 7.40 | 2555440 | 20.0 |
| Cyclopentane, bromo- | 4.33 | 4.5 | ng/ul | 575073 | 1 | 7.40 | 2555440 | 20.0 |
| 1-Heneicosanol | 20.77 | 5.6 | ng/ul | 1537420 | 5 | 21.01 | 5528400 | 20.0 |
| Sulfurous acid, b... | 21.64 | 2.6 | ng/ul | 716002 | 5 | 21.01 | 5528400 | 20.0 |
| (DEL) Alkane: Cyc... | 22.58 | 2.1 | ng/ul | 571447 | 6 | 23.11 | 5543840 | 20.0 |
| (DEL) Alkane: Str... | 23.66 | 3.6 | ng/ul | 1012960 | 6 | 23.11 | 5543840 | 20.0 |
| (DEL) Alkane: Cyc... | 23.73 | 2.6 | ng/ul | 708464 | 6 | 23.11 | 5543840 | 20.0 |