LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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 | 3.710 | 136 | 140 | 145 | rVB | 56407 | 72192 | 0.95% | 0.060% |
| 2 | 3.928 | 172 | 177 | 186 | rBV | 74477 | 102178 | 1.35% | 0.085% |
| 3 | 4.322 | 239 | 244 | 251 | rBV | 49525 | 76921 | 1.02% | 0.064% |
| 4 | 4.593 | 285 | 290 | 301 | rVB2 | 51465 | 88293 | 1.17% | 0.074% |
| 5 | 6.598 | 625 | 631 | 648 | rVB | 739434 | 1177955 | 15.54% | 0.985% |
| 6 | 6.757 | 652 | 658 | 665 | rBV | 634639 | 973430 | 12.85% | 0.814% |
| 7 | 6.946 | 683 | 690 | 702 | rBV | 853976 | 1311386 | 17.30% | 1.097% |
| 8 | 7.404 | 761 | 768 | 777 | rBV | 1188744 | 1795255 | 23.69% | 1.502% |
| 9 | 8.116 | 882 | 889 | 901 | rBV | 952182 | 1496740 | 19.75% | 1.252% |
| 10 | 8.540 | 952 | 961 | 976 | rBV | 756923 | 1234111 | 16.28% | 1.032% |
| 11 | 8.734 | 989 | 994 | 1003 | rVB | 81551 | 124005 | 1.64% | 0.104% |
| 12 | 9.034 | 1040 | 1045 | 1050 | rVB | 115723 | 170841 | 2.25% | 0.143% |
| 13 | 9.257 | 1076 | 1083 | 1092 | rBV | 680822 | 1075284 | 14.19% | 0.899% |
| 14 | 9.792 | 1167 | 1174 | 1186 | rVV | 1062467 | 1751375 | 23.11% | 1.465% |
| 15 | 10.163 | 1229 | 1237 | 1242 | rBV | 1487886 | 2501701 | 33.01% | 2.093% |
| 16 | 10.210 | 1242 | 1245 | 1251 | rVV | 150736 | 219847 | 2.90% | 0.184% |
| 17 | 10.304 | 1253 | 1261 | 1280 | rVV | 848933 | 1564994 | 20.65% | 1.309% |
| 18 | 11.716 | 1495 | 1501 | 1505 | rBV2 | 54104 | 87690 | 1.16% | 0.073% |
| 19 | 11.839 | 1514 | 1522 | 1529 | rBV | 59517 | 97702 | 1.29% | 0.082% |
| 20 | 13.480 | 1795 | 1801 | 1806 | rVV | 2211665 | 2991587 | 39.48% | 2.502% |
| 21 | 13.527 | 1806 | 1809 | 1816 | rVV | 93631 | 127245 | 1.68% | 0.106% |
| 22 | 13.739 | 1839 | 1845 | 1858 | rVB | 2137258 | 3256891 | 42.98% | 2.724% |
| 23 | 14.057 | 1893 | 1899 | 1905 | rVV | 2373596 | 3463069 | 45.70% | 2.897% |
| 24 | 14.122 | 1905 | 1910 | 1919 | rVV | 239115 | 362370 | 4.78% | 0.303% |
| 25 | 14.280 | 1931 | 1937 | 1950 | rBV | 639328 | 1103647 | 14.56% | 0.923% |
| 26 | 14.457 | 1961 | 1967 | 1974 | rBV | 150817 | 248102 | 3.27% | 0.208% |
| 27 | 15.057 | 2063 | 2069 | 2075 | rBV | 3024405 | 4176963 | 55.12% | 3.494% |
| 28 | 15.116 | 2075 | 2079 | 2085 | rVB | 293160 | 404267 | 5.33% | 0.338% |
| 29 | 15.192 | 2085 | 2092 | 2098 | rBV | 828352 | 1172407 | 15.47% | 0.981% |
| 30 | 15.416 | 2126 | 2130 | 2134 | rBV | 55842 | 71828 | 0.95% | 0.060% |
| 31 | 15.563 | 2150 | 2155 | 2162 | rVV | 59680 | 124033 | 1.64% | 0.104% |
| 32 | 15.839 | 2199 | 2202 | 2210 | rVB4 | 29333 | 69334 | 0.91% | 0.058% |
| 33 | 16.127 | 2242 | 2251 | 2256 | rVV3 | 39544 | 90385 | 1.19% | 0.076% |
| 34 | 16.468 | 2305 | 2309 | 2319 | rVB2 | 66316 | 132542 | 1.75% | 0.111% |

LSC Area Percent Report

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Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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 | 16.557 | 2319 | 2324 | 2329 | rBV3 | 42224 | 89497 | 1.18% | 0.075% |
| 36 | 16.627 | 2329 | 2336 | 2342 | rVB | 152129 | 222137 | 2.93% | 0.186% |
| 37 | 16.810 | 2356 | 2367 | 2371 | rBV | 2876553 | 4141329 | 54.65% | 3.464% |
| 38 | 16.851 | 2371 | 2374 | 2379 | rVV | 2646479 | 3492747 | 46.09% | 2.922% |
| 39 | 16.910 | 2379 | 2384 | 2388 | rVV | 3092741 | 4341817 | 57.29% | 3.632% |
| 40 | 16.945 | 2388 | 2390 | 2397 | rVV | 645119 | 736941 | 9.72% | 0.616% |
| 41 | 17.015 | 2397 | 2402 | 2409 | rVV6 | 31424 | 65403 | 0.86% | 0.055% |
| 42 | 17.215 | 2432 | 2436 | 2449 | rBV | 208610 | 402134 | 5.31% | 0.336% |
| 43 | 17.339 | 2453 | 2457 | 2460 | rVV | 45733 | 70038 | 0.92% | 0.059% |
| 44 | 17.692 | 2511 | 2517 | 2520 | rBV | 227910 | 333177 | 4.40% | 0.279% |
| 45 | 17.733 | 2520 | 2524 | 2531 | rVB | 338391 | 498876 | 6.58% | 0.417% |
| 46 | 17.815 | 2534 | 2538 | 2543 | rBV2 | 145092 | 194455 | 2.57% | 0.163% |
| 47 | 17.880 | 2543 | 2549 | 2553 | rBV3 | 433549 | 692578 | 9.14% | 0.579% |
| 48 | 17.915 | 2553 | 2555 | 2564 | rVB | 161135 | 214724 | 2.83% | 0.180% |
| 49 | 18.198 | 2598 | 2603 | 2607 | rBV | 242025 | 346905 | 4.58% | 0.290% |
| 50 | 18.451 | 2637 | 2646 | 2650 | rBV2 | 83678 | 168211 | 2.22% | 0.141% |
| 51 | 18.498 | 2651 | 2654 | 2658 | rVV | 62749 | 93287 | 1.23% | 0.078% |
| 52 | 18.533 | 2658 | 2660 | 2664 | rVB2 | 56432 | 72446 | 0.96% | 0.061% |
| 53 | 18.621 | 2670 | 2675 | 2680 | rBV | 139287 | 225807 | 2.98% | 0.189% |
| 54 | 18.686 | 2680 | 2686 | 2688 | rBV3 | 71228 | 143651 | 1.90% | 0.120% |
| 55 | 18.757 | 2694 | 2698 | 2707 | rVB3 | 101029 | 199074 | 2.63% | 0.167% |
| 56 | 18.880 | 2710 | 2719 | 2727 | rBV | 3981851 | 5219381 | 68.87% | 4.366% |
| 57 | 19.127 | 2758 | 2761 | 2767 | rVB3 | 80233 | 108609 | 1.43% | 0.091% |
| 58 | 19.215 | 2771 | 2776 | 2779 | rBV | 3967839 | 5911024 | 78.00% | 4.944% |
| 59 | 19.245 | 2779 | 2781 | 2786 | rVB | 2943288 | 3312935 | 43.72% | 2.771% |
| 60 | 19.321 | 2791 | 2794 | 2803 | rVB2 | 145289 | 227746 | 3.01% | 0.191% |
| 61 | 19.433 | 2809 | 2813 | 2817 | rBV | 184061 | 236985 | 3.13% | 0.198% |
| 62 | 19.586 | 2832 | 2839 | 2844 | rBV3 | 184321 | 458077 | 6.04% | 0.383% |
| 63 | 19.715 | 2857 | 2861 | 2863 | rBV3 | 156674 | 227473 | 3.00% | 0.190% |
| 64 | 19.751 | 2864 | 2867 | 2872 | rVB | 490911 | 624788 | 8.24% | 0.523% |
| 65 | 19.827 | 2877 | 2880 | 2881 | rBV | 80476 | 77713 | 1.03% | 0.065% |
| 66 | 19.851 | 2881 | 2884 | 2889 | rVB | 421091 | 505819 | 6.67% | 0.423% |
| 67 | 19.909 | 2889 | 2894 | 2898 | rBV2 | 285858 | 432610 | 5.71% | 0.362% |
| 68 | 19.998 | 2906 | 2909 | 2914 | rBV3 | 67962 | 92718 | 1.22% | 0.078% |
| 69 | 20.051 | 2914 | 2918 | 2921 | rBV | 138669 | 165123 | 2.18% | 0.138% |
| 70 | 20.092 | 2922 | 2925 | 2931 | rBV3 | 154666 | 233861 | 3.09% | 0.196% |
| 71 | 20.327 | 2962 | 2965 | 2967 | rBV | 91622 | 91839 | 1.21% | 0.077% |

LSC Area Percent Report

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Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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 | 20.498 | 2991 | 2994 | 3002 | rVB | 160884 | 262228 | 3.46% | 0.219% |
| 73 | 20.668 | 3019 | 3023 | 3027 | rBV | 220982 | 277281 | 3.66% | 0.232% |
| 74 | 20.709 | 3027 | 3030 | 3033 | rVV | 247336 | 257088 | 3.39% | 0.215% |
| 75 | 20.739 | 3033 | 3035 | 3038 | rVV | 196180 | 199239 | 2.63% | 0.167% |
| 76 | 20.780 | 3038 | 3042 | 3053 | rVB3 | 1032611 | 1669281 | 22.03% | 1.396% |
| 77 | 21.021 | 3073 | 3083 | 3087 | rBV2 | 4168239 | 7578237 | 100.00% | 6.339% |
| 78 | 21.056 | 3087 | 3089 | 3097 | rVB | 1594407 | 1968875 | 25.98% | 1.647% |
| 79 | 21.174 | 3106 | 3109 | 3114 | rBV | 321457 | 394008 | 5.20% | 0.330% |
| 80 | 21.227 | 3115 | 3118 | 3124 | rVV3 | 243892 | 329313 | 4.35% | 0.275% |
| 81 | 21.656 | 3186 | 3191 | 3197 | rBV2 | 1121767 | 1802431 | 23.78% | 1.508% |
| 82 | 21.774 | 3209 | 3211 | 3217 | rVB2 | 231497 | 243711 | 3.22% | 0.204% |
| 83 | 21.880 | 3227 | 3229 | 3233 | rVB | 199487 | 210362 | 2.78% | 0.176% |
| 84 | 22.080 | 3261 | 3263 | 3268 | rVB | 226835 | 254635 | 3.36% | 0.213% |
| 85 | 22.292 | 3295 | 3299 | 3307 | rVB | 1343556 | 1734067 | 22.88% | 1.451% |
| 86 | 22.509 | 3331 | 3336 | 3340 | rBV | 1456157 | 2893134 | 38.18% | 2.420% |
| 87 | 22.556 | 3340 | 3344 | 3347 | rVV2 | 1527945 | 2562248 | 33.81% | 2.143% |
| 88 | 22.592 | 3347 | 3350 | 3359 | rVB2 | 2299097 | 3274297 | 43.21% | 2.739% |
| 89 | 22.944 | 3406 | 3410 | 3414 | rBV | 669361 | 1145220 | 15.11% | 0.958% |
| 90 | 22.992 | 3414 | 3418 | 3422 | rVV | 2335098 | 3812750 | 50.31% | 3.189% |
| 91 | 23.033 | 3422 | 3425 | 3430 | rVB | 965376 | 1472854 | 19.44% | 1.232% |
| 92 | 23.080 | 3431 | 3433 | 3436 | rBV | 211478 | 245263 | 3.24% | 0.205% |
| 93 | 23.127 | 3436 | 3441 | 3446 | rVB | 2235963 | 3638172 | 48.01% | 3.043% |
| 94 | 23.362 | 3477 | 3481 | 3487 | rVB2 | 878754 | 1361931 | 17.97% | 1.139% |
| 95 | 23.680 | 3529 | 3535 | 3541 | rVB | 1612433 | 2757730 | 36.39% | 2.307% |
| 96 | 23.744 | 3541 | 3546 | 3559 | rVB | 951371 | 1861281 | 24.56% | 1.557% |
| 97 | 24.762 | 3714 | 3719 | 3730 | rVB3 | 633681 | 1349449 | 17.81% | 1.129% |
| 98 | 25.162 | 3780 | 3787 | 3799 | rVB3 | 1171828 | 3541691 | 46.74% | 2.963% |
| 99 | 25.274 | 3801 | 3806 | 3815 | rVB4 | 527682 | 1330049 | 17.55% | 1.113% |
| 100 | 25.933 | 3912 | 3918 | 3935 | rVB4 | 930918 | 2733153 | 36.07% | 2.286% |

Sum of corrected areas: 119548483

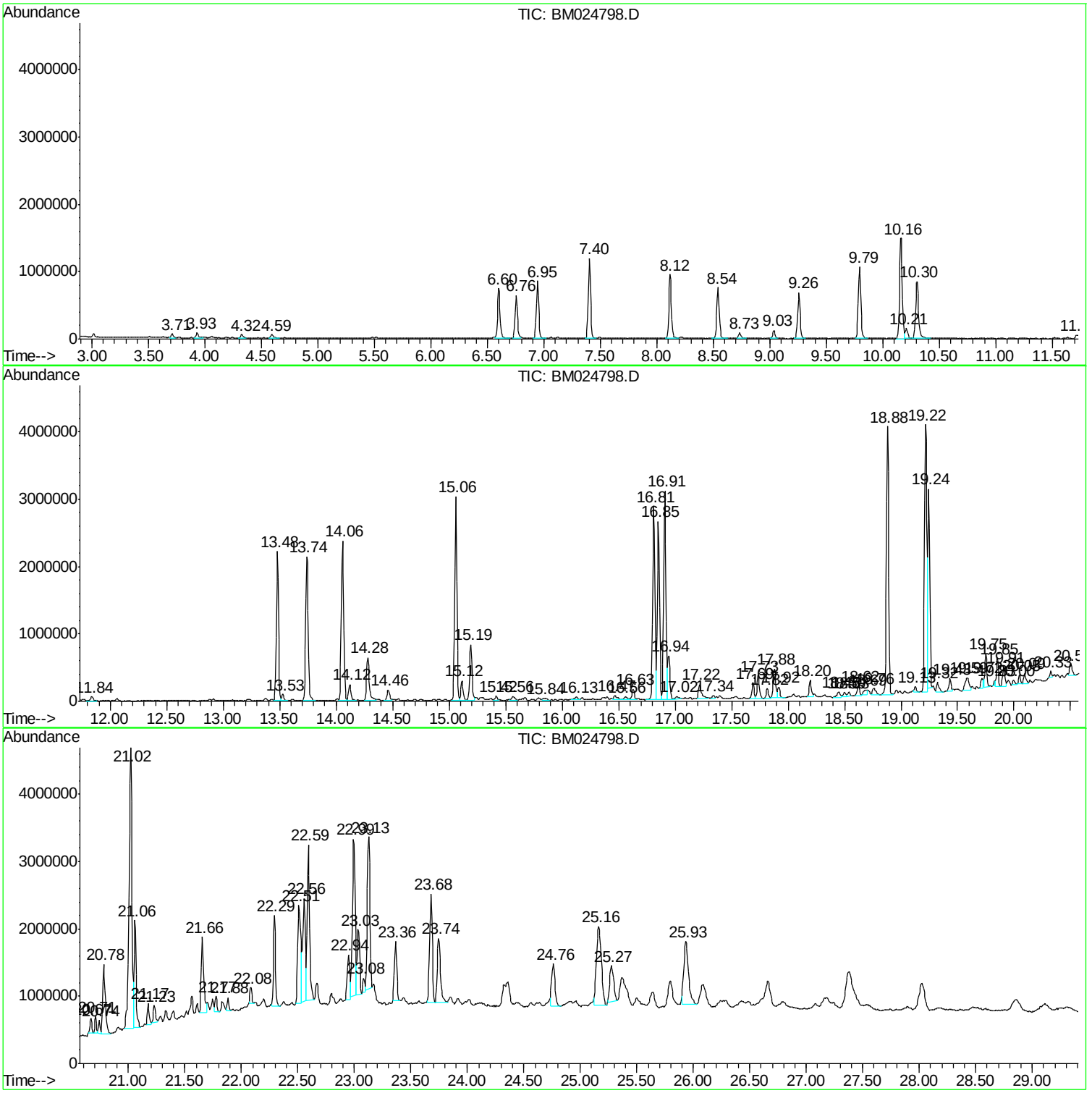
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
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**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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

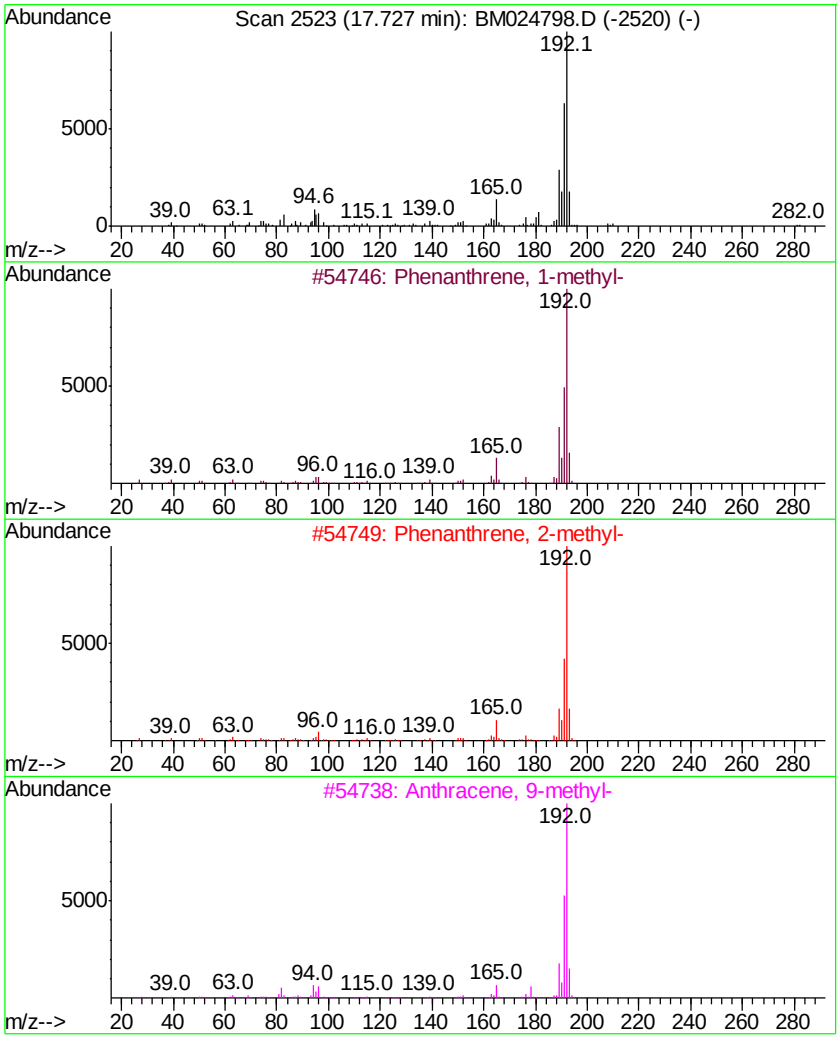
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

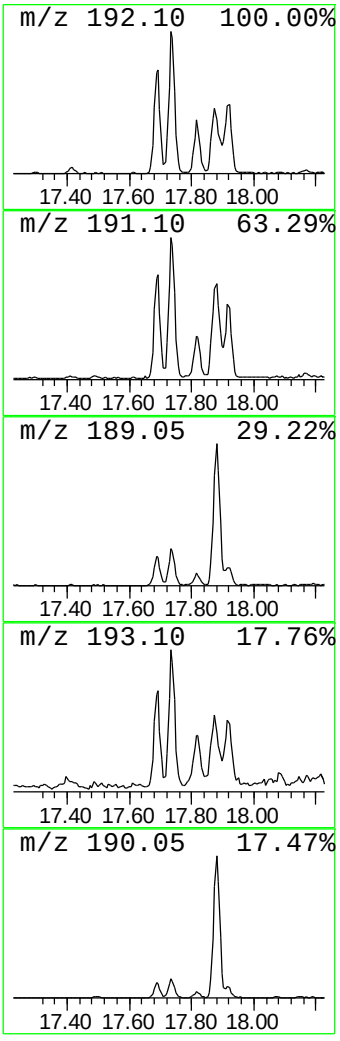
**********

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.73 | 2.41 ng/ul | 498876 | Phenanthrene-d10 | 16.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 91 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 91 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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

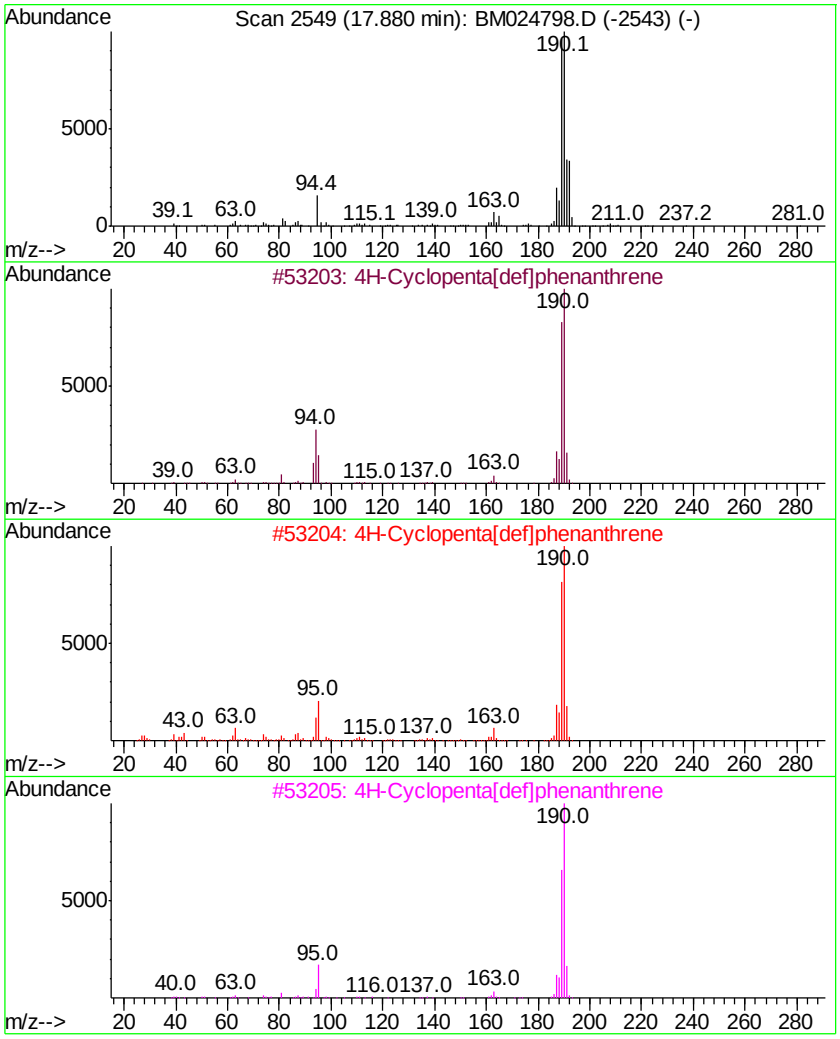
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

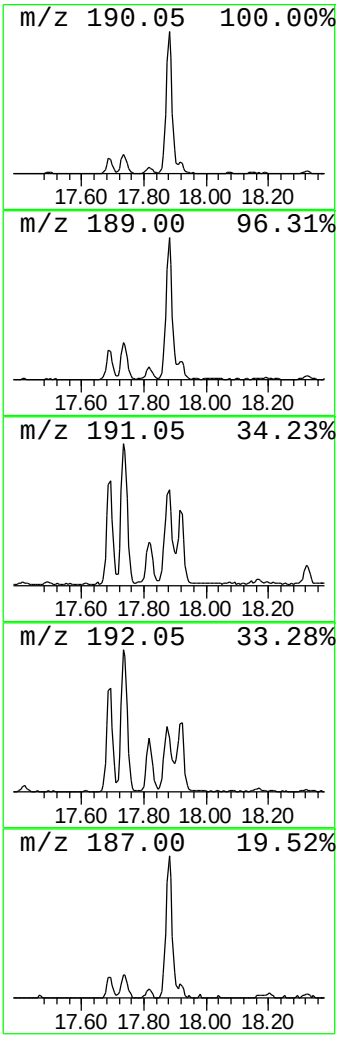
**********

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.88 | 3.34 ng/ul | 692578 | Phenanthrene-d10 | 16.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 81 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 76 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 74 |
| 4 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 59 |
| 5 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 50 |



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Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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

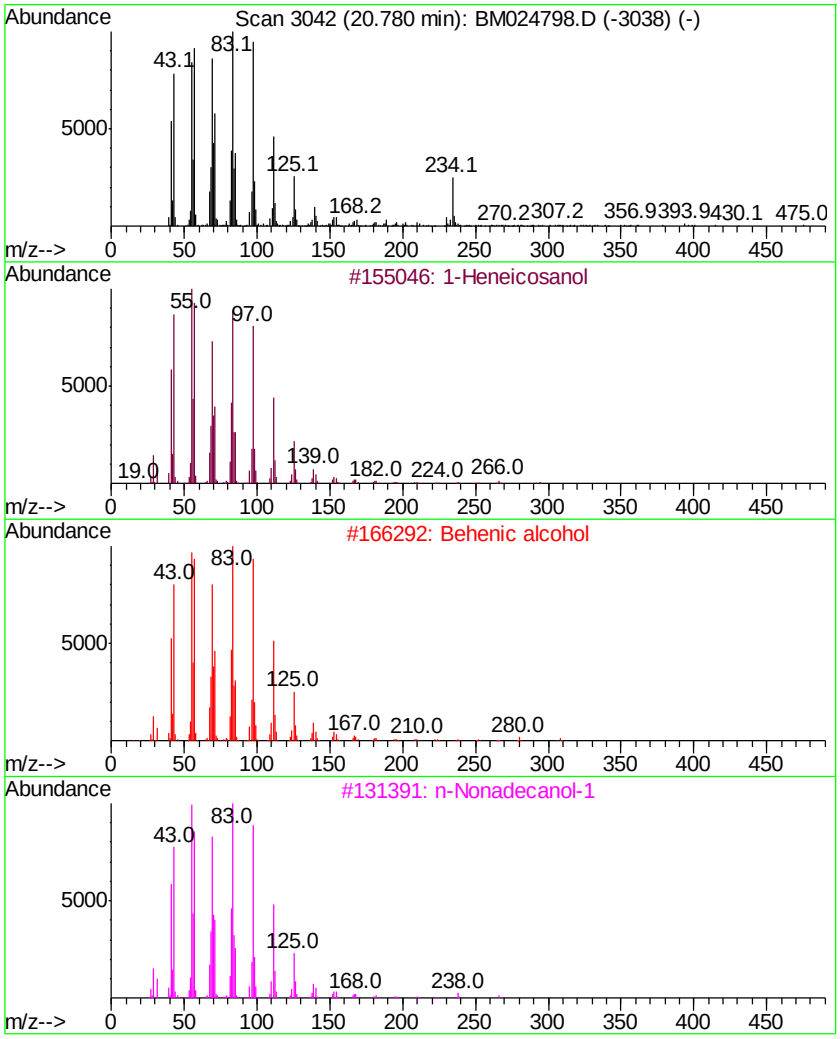
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

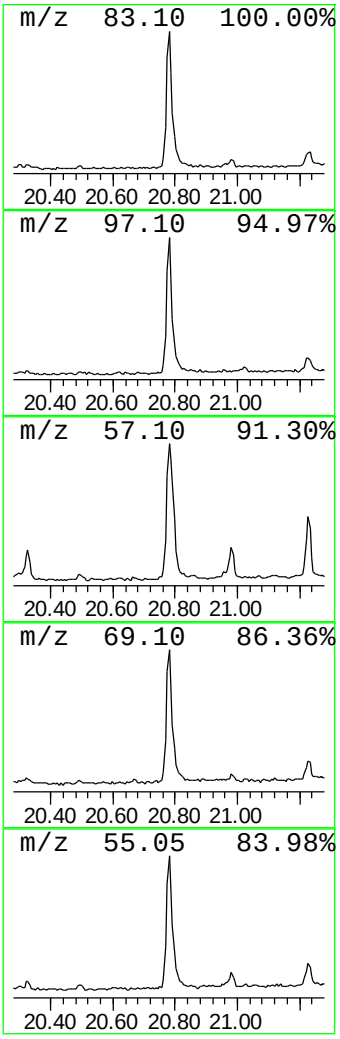
**********

Peak Number 3 1-Heneicosanol Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.78 | 4.41 ng/ul | 1669280 | Chrysene-d12 | 21.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 4 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 93 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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

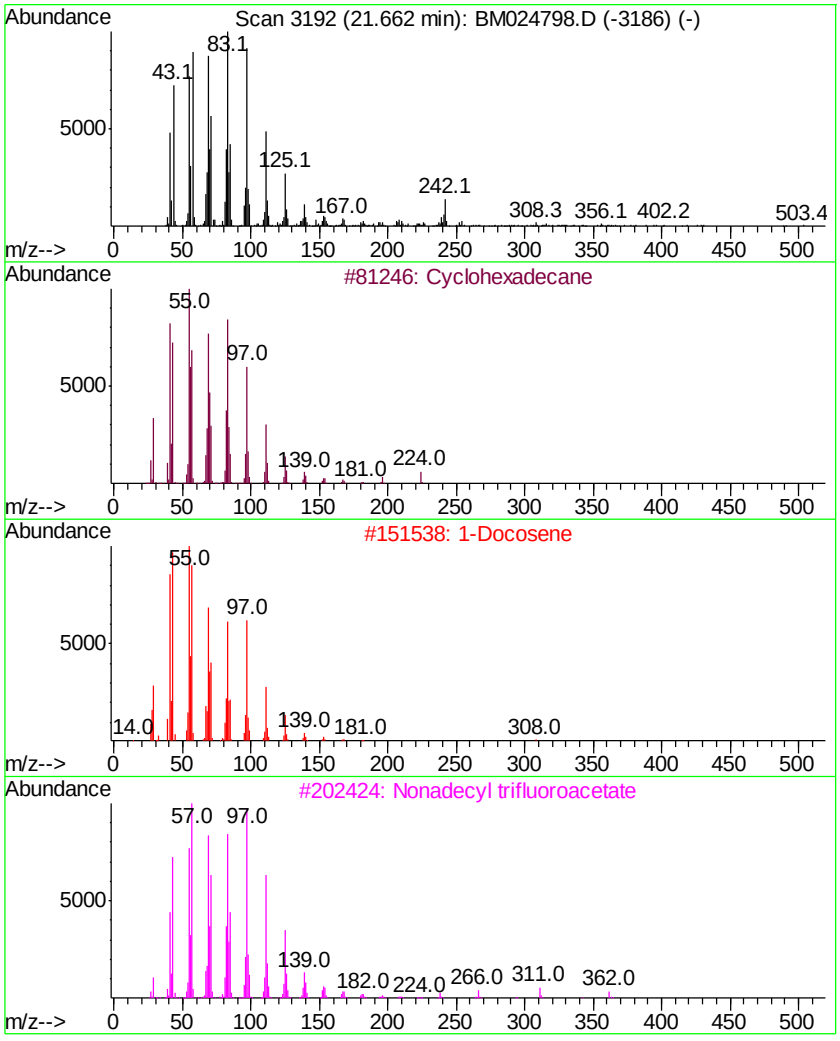
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

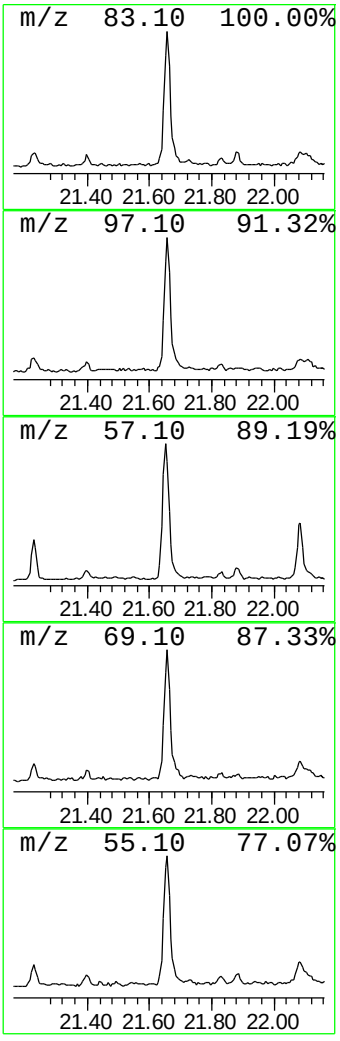
**********

Peak Number 4 (DEL) Alkane: Cyclic21.66 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.66 | 4.76 ng/ul | 1802430 | Chrysene-d12 | 21.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 97 |
| 2 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 3 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93 |
| 5 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 91 |



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Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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

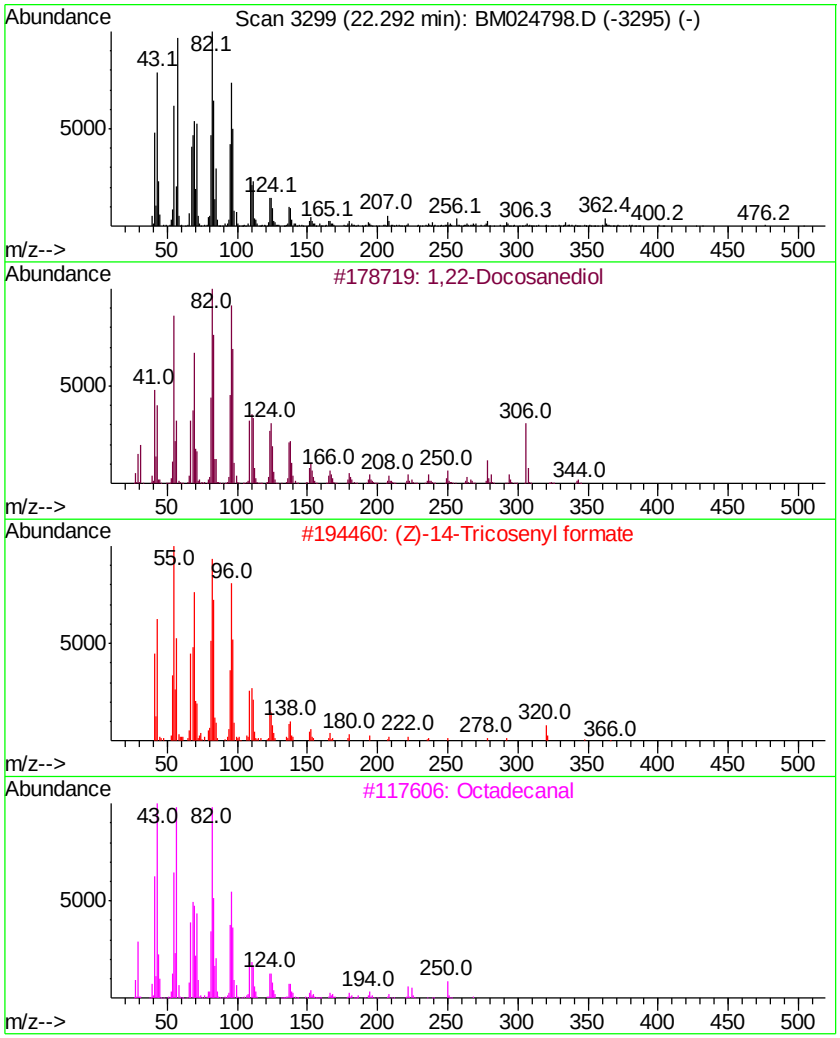
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

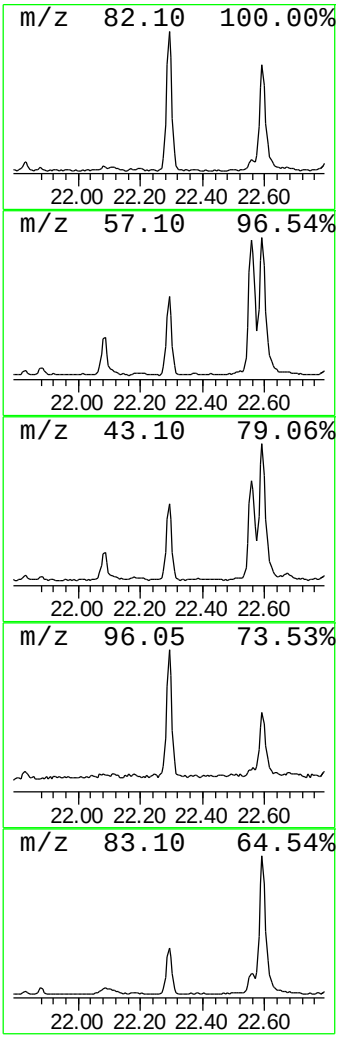
**********

Peak Number 5 1,22-Docosanediol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.29 | 9.53 ng/ul | 1734070 | Perylene-d12 | 23.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,22-Docosanediol | 342 | C22H46O2 | 022513-81-1 | 97 |
| 2 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 96 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 95 |
| 4 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 95 |
| 5 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 94 |



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Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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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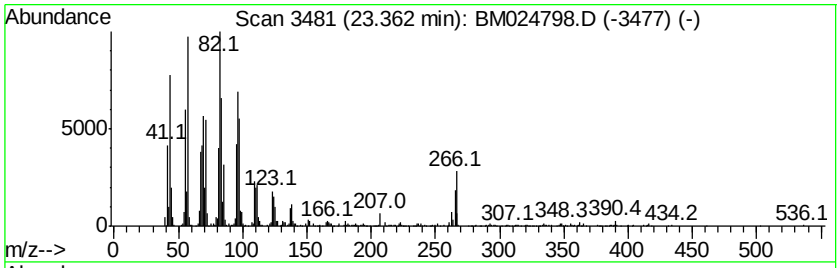
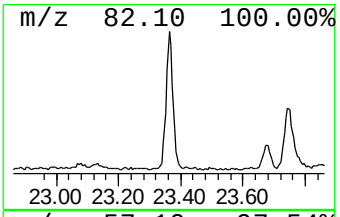
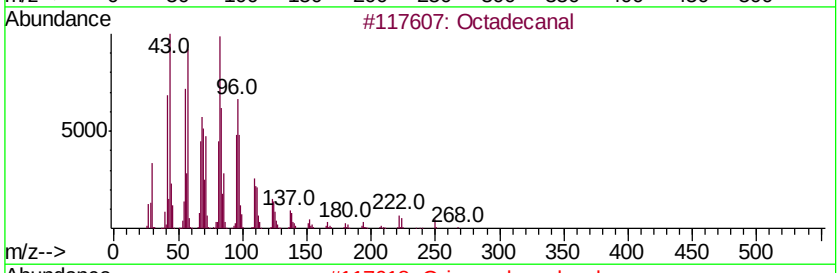
Peak Number 6 Octadecanal Concentration Rank 5

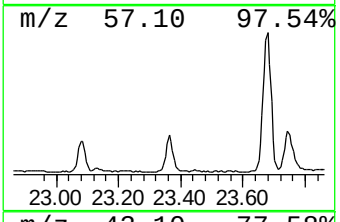
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.36 | 7.49 ng/ul | 1361930 | Perylene-d12 | 23.13 |

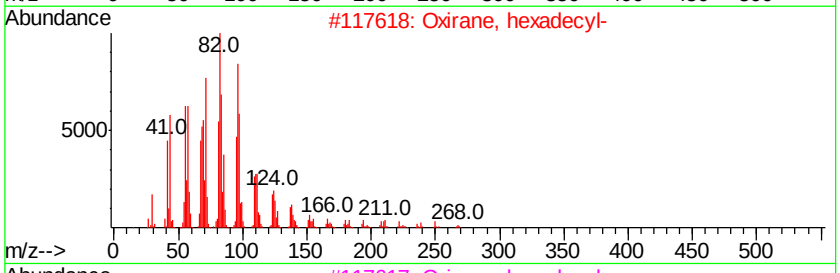
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanal | 268 | C18H36O | 000638-66-4 | 93 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 93 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 90 |
| 4 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 81 |
| 5 | Octadecanal | 268 | C18H36O | 000638-66-4 | 81 |

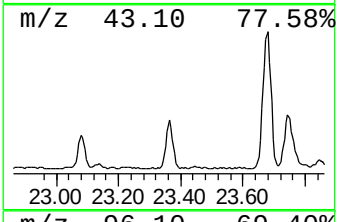


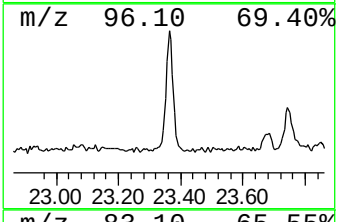



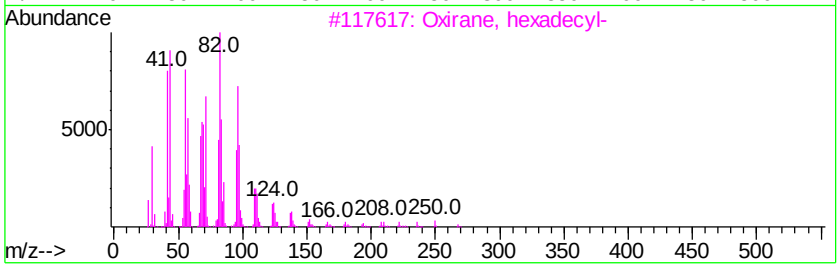



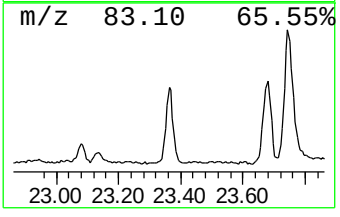



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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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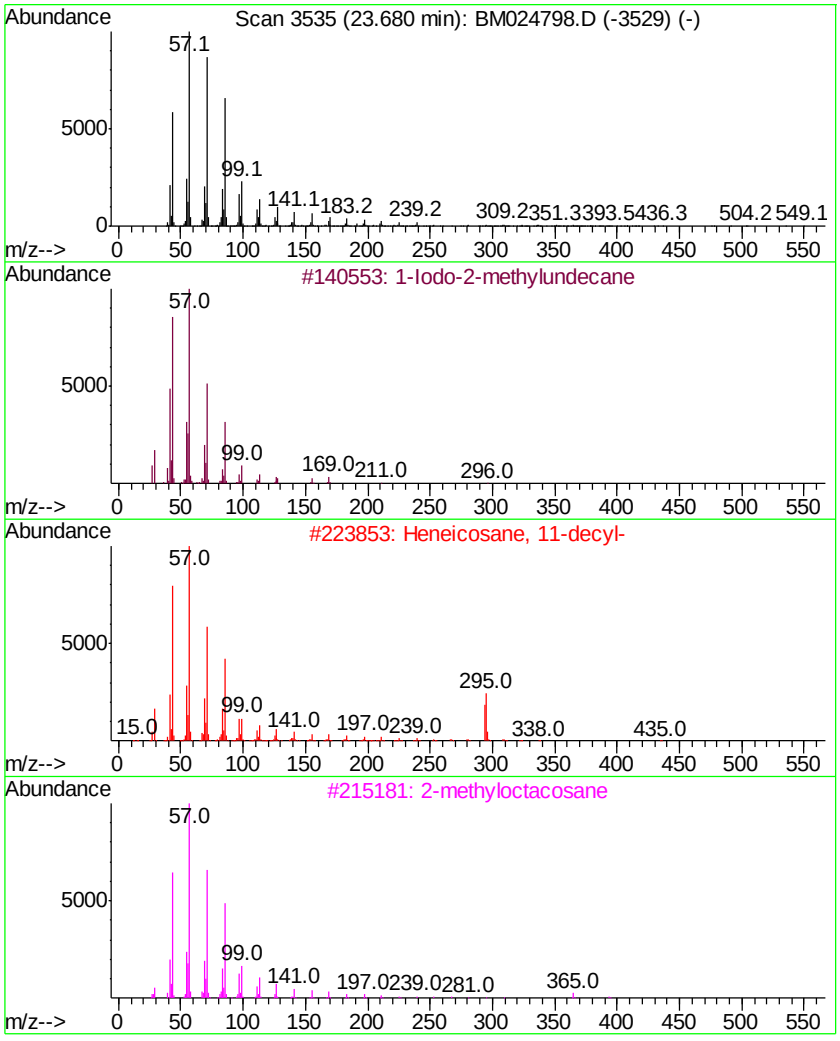
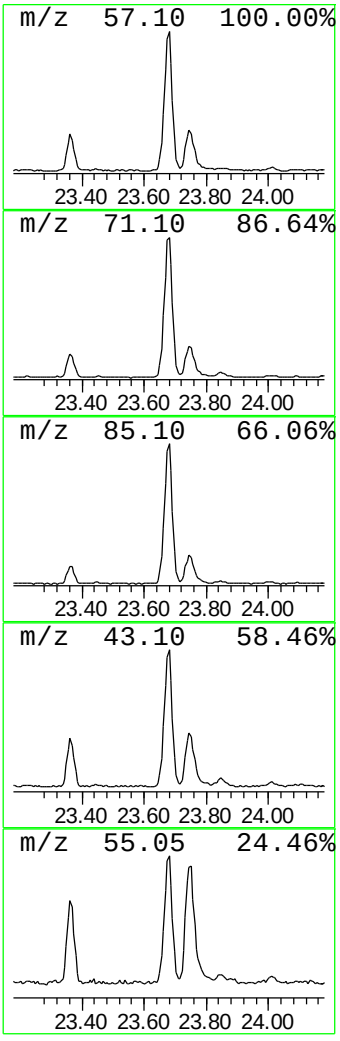
Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.68 | 15.16 ng/ul | 2757730 | Perylene-d12 | 23.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 94 |
| 2 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 93 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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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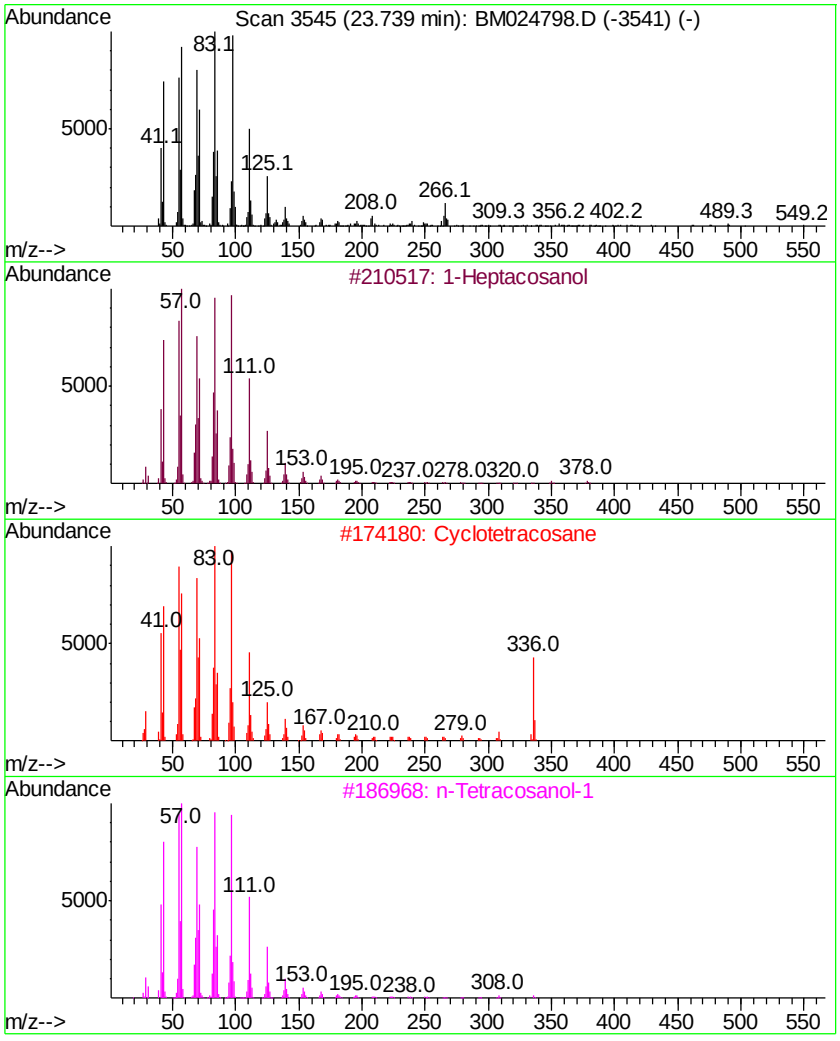
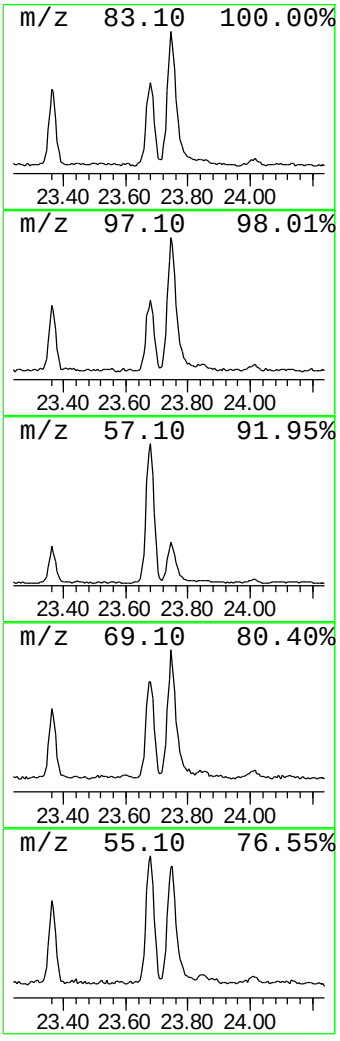
Peak Number 8 1-Heptacosanol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.74 | 10.23 ng/ul | 1861280 | Perylene-d12 | 23.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 2 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 93 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 5 | 9-Nonadecene | 266 | C19H38 | 031035-07-1 | 91 |



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Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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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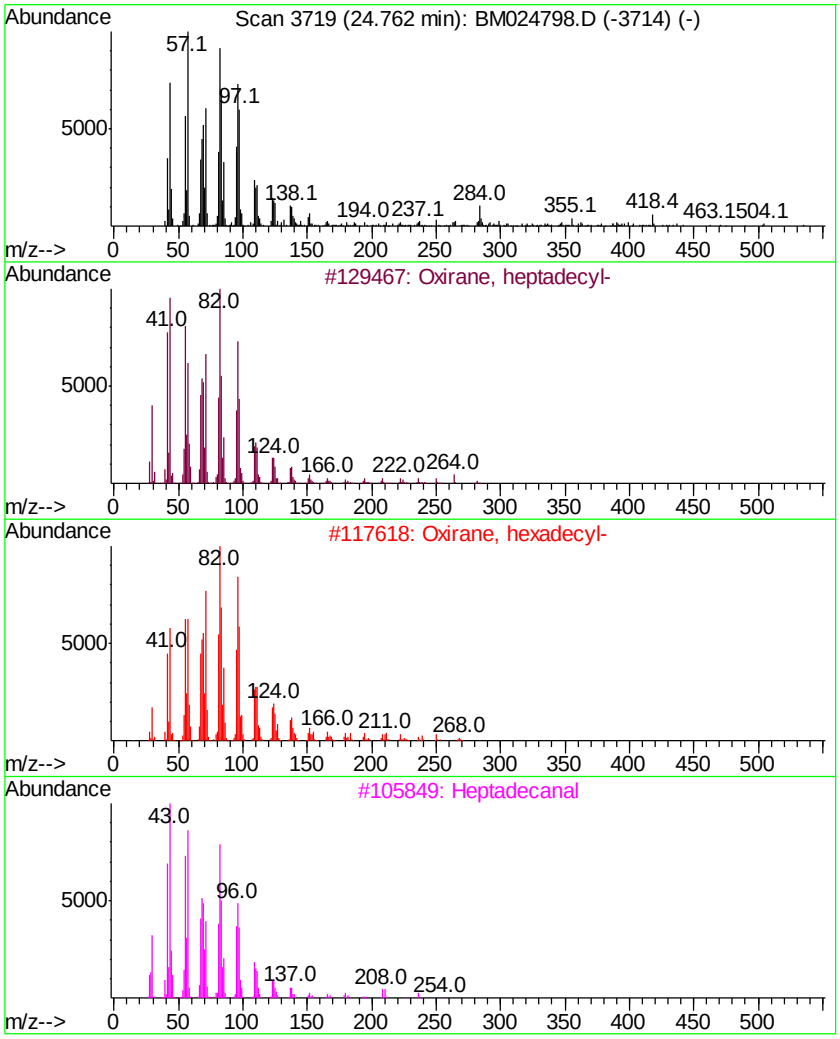
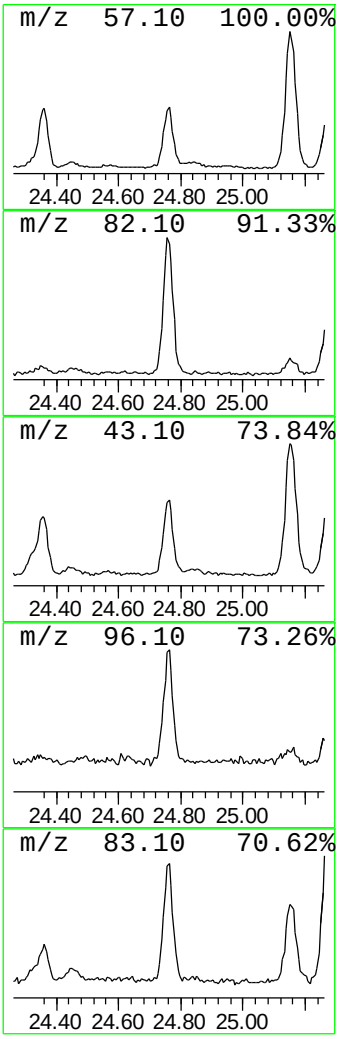
Peak Number 9 Oxirane, heptadecyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.76 | 7.42 ng/ul | 1349450 | Perylene-d12 | 23.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 93 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 3 | Heptadecanal | 254 | C17H34O | 1000376-70-0 | 91 |
| 4 | 1,13-Tetradecadiene | 194 | C14H26 | 021964-49-8 | 90 |
| 5 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 87 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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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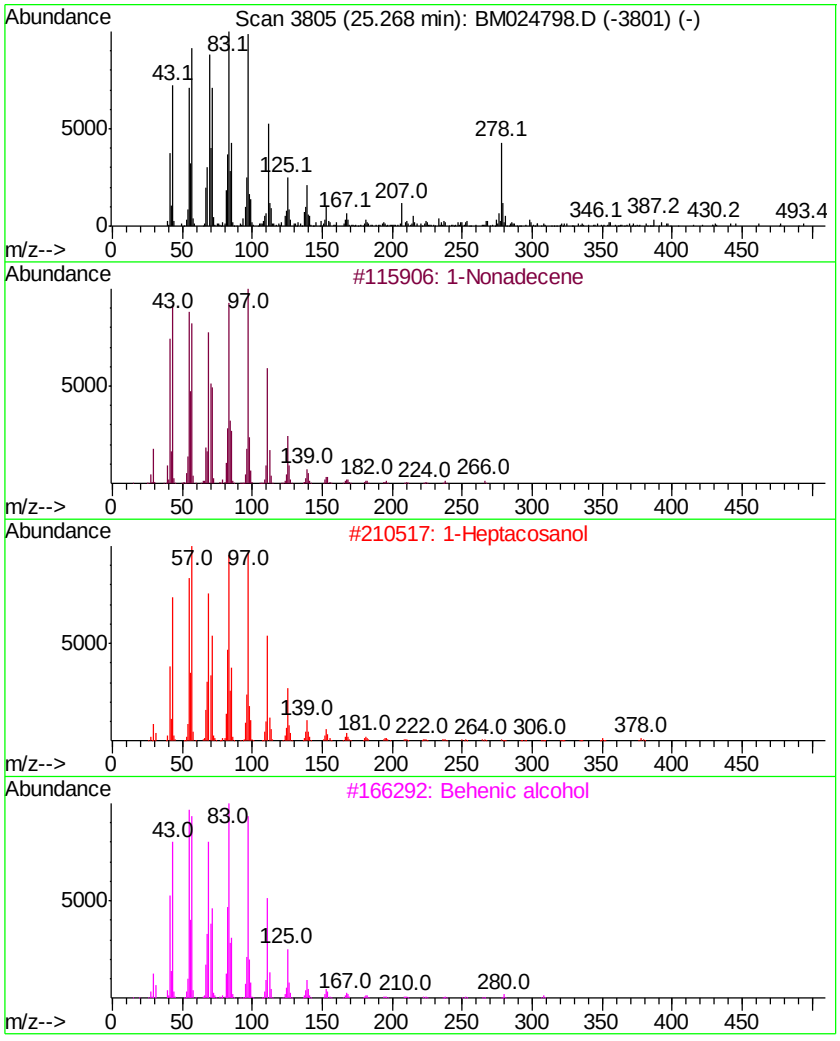
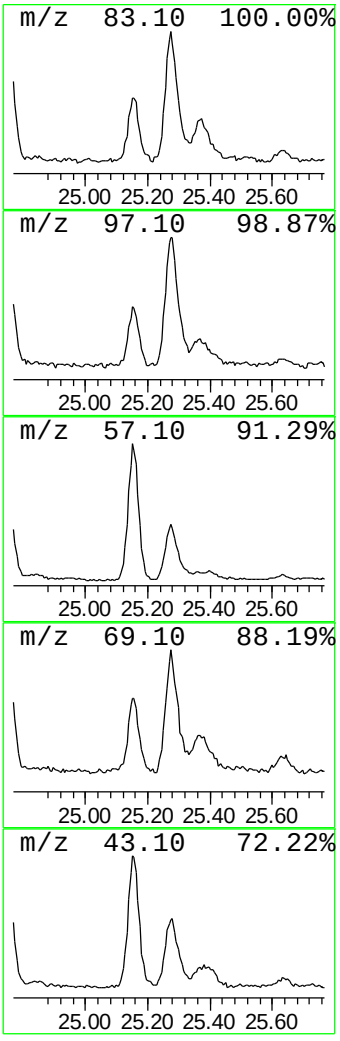
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.27 | 7.31 ng/ul | 1330050 | Perylene-d12 | 23.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 94 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 91 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 4 | Octacosanol | 410 | C28H58O | 000557-61-9 | 83 |
| 5 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 83 |



# Library Search Compound Report

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Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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

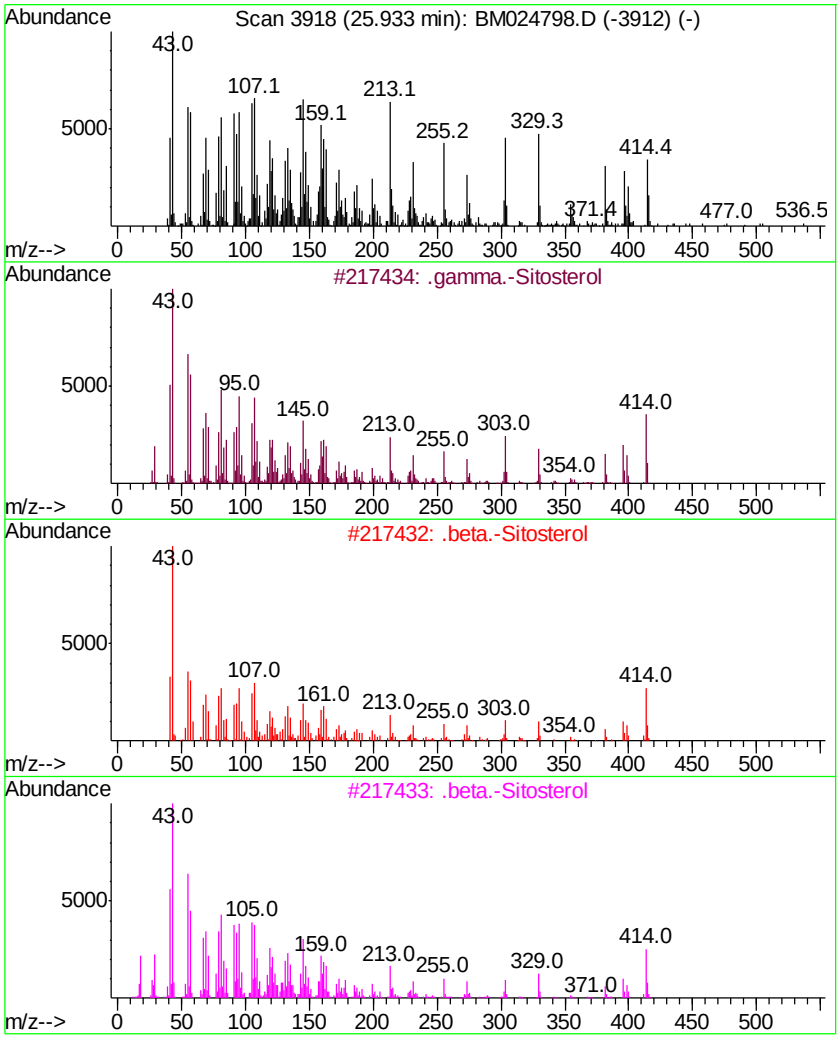
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

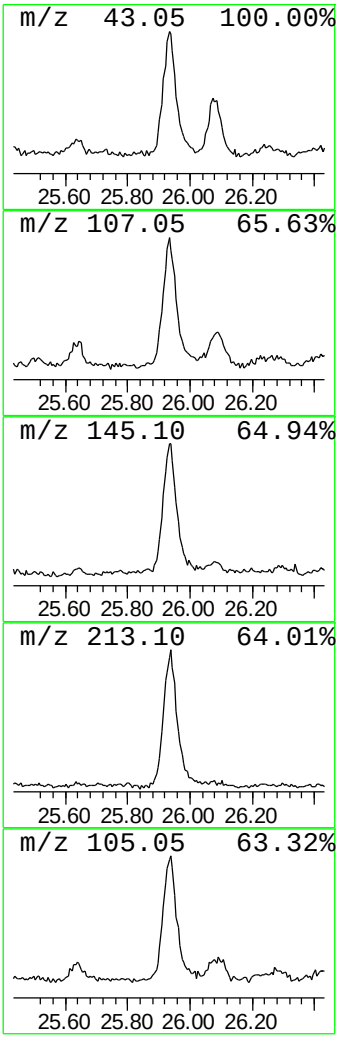
**********

Peak Number 11 .gamma.-Sitosterol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.93 | 15.02 ng/ul | 2733150 | Perylene-d12 | 23.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 99 |
| 2 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 87 |
| 3 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 38 |
| 4 | 5.alpha.-Stigmast-9(11)-en-3.bet... | 414 | C29H50O | 077794-81-1 | 9 |
| 5 | Methyl 12-acetyl-7-desoxycholate | 448 | C27H44O5 | 055547-48-3 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024798.D
Acq On : 08 Feb 2020 14:27
Operator : CG/JU
Sample : L1400-17
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6J3

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 |
| Phenanthrene, 1-m... | 17.73 | 2.4 | ng/ul | 498876 | 4 | 16.81 | 4141330 | 20.0 |
| 4H-Cyclopenta[def... | 17.88 | 3.3 | ng/ul | 692578 | 4 | 16.81 | 4141330 | 20.0 |
| 1-Heneicosanol | 20.78 | 4.4 | ng/ul | 1669280 | 5 | 21.02 | 7578240 | 20.0 |
| (DEL) Alkane: Cyc... | 21.66 | 4.8 | ng/ul | 1802430 | 5 | 21.02 | 7578240 | 20.0 |
| 1,22-Docosanediol | 22.29 | 9.5 | ng/ul | 1734070 | 6 | 23.13 | 3638170 | 20.0 |
| Octadecanal | 23.36 | 7.5 | ng/ul | 1361930 | 6 | 23.13 | 3638170 | 20.0 |
| 1-Iodo-2-methylun... | 23.68 | 15.2 | ng/ul | 2757730 | 6 | 23.13 | 3638170 | 20.0 |
| 1-Heptacosanol | 23.74 | 10.2 | ng/ul | 1861280 | 6 | 23.13 | 3638170 | 20.0 |
| Oxirane, heptadecyl- | 24.76 | 7.4 | ng/ul | 1349450 | 6 | 23.13 | 3638170 | 20.0 |
| (DEL) Alkane: Str... | 25.27 | 7.3 | ng/ul | 1330050 | 6 | 23.13 | 3638170 | 20.0 |
| .gamma.-Sitosterol | 25.93 | 15.0 | ng/ul | 2733150 | 6 | 23.13 | 3638170 | 20.0 |