LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBYC6

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_N\Methods\SFAM-EPA-BN121522.M
Title : SVOA CALIBRATION

Signal : TIC: BN023273.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.346 | 40 | 44 | 49 | rBV | 58274 | 76043 | 0.77% | 0.050% |
| 2 | 3.787 | 116 | 119 | 132 | rBV | 90083 | 168818 | 1.71% | 0.111% |
| 3 | 4.016 | 153 | 158 | 165 | rVB | 54655 | 85104 | 0.86% | 0.056% |
| 4 | 5.069 | 330 | 337 | 346 | rVV2 | 109783 | 168712 | 1.71% | 0.111% |
| 5 | 6.663 | 601 | 608 | 618 | rVB | 176637 | 283732 | 2.88% | 0.186% |
| 6 | 7.157 | 683 | 692 | 705 | rVB | 1310591 | 2099007 | 21.28% | 1.375% |
| 7 | 7.322 | 710 | 720 | 734 | rVV | 1050499 | 1648914 | 16.72% | 1.080% |
| 8 | 7.522 | 747 | 754 | 762 | rVV | 1332851 | 2074648 | 21.04% | 1.359% |
| 9 | 7.999 | 826 | 835 | 843 | rBV | 1241529 | 1908428 | 19.35% | 1.250% |
| 10 | 8.710 | 947 | 956 | 967 | rBV | 1445961 | 2252829 | 22.84% | 1.476% |
| 11 | 8.828 | 971 | 976 | 983 | rVB | 90155 | 140972 | 1.43% | 0.092% |
| 12 | 9.169 | 1026 | 1034 | 1043 | rVV | 1357837 | 2170728 | 22.01% | 1.422% |
| 13 | 9.587 | 1096 | 1105 | 1111 | rBV2 | 71716 | 119971 | 1.22% | 0.079% |
| 14 | 9.893 | 1147 | 1157 | 1171 | rBV | 1130009 | 1901912 | 19.28% | 1.246% |
| 15 | 10.128 | 1191 | 1197 | 1205 | rVB4 | 45069 | 87302 | 0.89% | 0.057% |
| 16 | 10.434 | 1241 | 1249 | 1261 | rVV | 1781187 | 2866493 | 29.07% | 1.878% |
| 17 | 10.816 | 1305 | 1314 | 1320 | rBV | 1799411 | 3059732 | 31.02% | 2.004% |
| 18 | 10.869 | 1320 | 1323 | 1328 | rVV | 81954 | 121117 | 1.23% | 0.079% |
| 19 | 10.957 | 1328 | 1338 | 1352 | rVB | 660497 | 1183640 | 12.00% | 0.775% |
| 20 | 12.234 | 1549 | 1555 | 1562 | rVV3 | 32367 | 57074 | 0.58% | 0.037% |
| 21 | 12.340 | 1564 | 1573 | 1578 | rVV | 79967 | 131400 | 1.33% | 0.086% |
| 22 | 12.404 | 1578 | 1584 | 1589 | rVV2 | 34896 | 57802 | 0.59% | 0.038% |
| 23 | 13.416 | 1749 | 1756 | 1761 | rBV5 | 25558 | 54056 | 0.55% | 0.035% |
| 24 | 13.469 | 1761 | 1765 | 1770 | rVB2 | 51809 | 71199 | 0.72% | 0.047% |
| 25 | 13.528 | 1770 | 1775 | 1780 | rBV3 | 78645 | 145803 | 1.48% | 0.096% |
| 26 | 13.969 | 1845 | 1850 | 1856 | rVV | 387542 | 558639 | 5.66% | 0.366% |
| 27 | 14.057 | 1856 | 1865 | 1871 | rVV | 3344538 | 4542987 | 46.06% | 2.976% |
| 28 | 14.175 | 1880 | 1885 | 1889 | rBV3 | 73405 | 96904 | 0.98% | 0.063% |
| 29 | 14.345 | 1907 | 1914 | 1923 | rBV | 3413820 | 5394537 | 54.70% | 3.534% |
| 30 | 14.486 | 1933 | 1938 | 1943 | rBV2 | 78737 | 119584 | 1.21% | 0.078% |
| 31 | 14.604 | 1952 | 1958 | 1960 | rBV | 114082 | 155275 | 1.57% | 0.102% |
| 32 | 14.651 | 1960 | 1966 | 1972 | rVV | 2934534 | 4365195 | 44.26% | 2.860% |
| 33 | 14.710 | 1972 | 1976 | 1980 | rVV | 199222 | 310699 | 3.15% | 0.204% |
| 34 | 14.757 | 1980 | 1984 | 1991 | rVB3 | 103314 | 185001 | 1.88% | 0.121% |
| 35 | 14.839 | 1991 | 1998 | 2003 | rBV | 1383961 | 1947923 | 19.75% | 1.276% |
| 36 | 14.892 | 2003 | 2007 | 2016 | rVV2 | 331084 | 556405 | 5.64% | 0.364% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

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_N\Methods\SFAM-EPA-BN121522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.992 | 2020 | 2024 | 2029 | rVV | 119814 | 175639 | 1.78% | 0.115% |
| 38 | 15.057 | 2029 | 2035 | 2041 | rVV4 | 74187 | 158124 | 1.60% | 0.104% |
| 39 | 15.557 | 2112 | 2120 | 2126 | rVB2 | 306821 | 482765 | 4.90% | 0.316% |
| 40 | 15.639 | 2126 | 2134 | 2140 | rBV | 4821458 | 6893767 | 69.90% | 4.516% |
| 41 | 15.692 | 2140 | 2143 | 2147 | rVV | 42083 | 58480 | 0.59% | 0.038% |
| 42 | 15.751 | 2147 | 2153 | 2162 | rVB | 1366585 | 1821980 | 18.47% | 1.194% |
| 43 | 15.886 | 2171 | 2176 | 2182 | rVB4 | 41418 | 77859 | 0.79% | 0.051% |
| 44 | 16.004 | 2190 | 2196 | 2201 | rVV | 350017 | 479026 | 4.86% | 0.314% |
| 45 | 16.104 | 2205 | 2213 | 2225 | rVB4 | 136956 | 397446 | 4.03% | 0.260% |
| 46 | 16.210 | 2226 | 2231 | 2238 | rVB | 184603 | 252197 | 2.56% | 0.165% |
| 47 | 16.351 | 2248 | 2255 | 2263 | rVB7 | 53859 | 146081 | 1.48% | 0.096% |
| 48 | 16.528 | 2281 | 2285 | 2292 | rVB2 | 55736 | 86208 | 0.87% | 0.056% |
| 49 | 16.786 | 2325 | 2329 | 2334 | rBV4 | 31259 | 53961 | 0.55% | 0.035% |
| 50 | 16.898 | 2344 | 2348 | 2350 | rBV | 52911 | 65667 | 0.67% | 0.043% |
| 51 | 16.928 | 2350 | 2353 | 2358 | rVB3 | 54839 | 77740 | 0.79% | 0.051% |
| 52 | 17.045 | 2369 | 2373 | 2380 | rVB2 | 47874 | 77611 | 0.79% | 0.051% |
| 53 | 17.210 | 2393 | 2401 | 2408 | rVB3 | 61776 | 124797 | 1.27% | 0.082% |
| 54 | 17.398 | 2427 | 2433 | 2437 | rVV | 3739298 | 5388878 | 54.64% | 3.530% |
| 55 | 17.433 | 2437 | 2439 | 2444 | rVV | 557696 | 721747 | 7.32% | 0.473% |
| 56 | 17.492 | 2444 | 2449 | 2459 | rVV | 4691797 | 6751189 | 68.45% | 4.423% |
| 57 | 17.580 | 2461 | 2464 | 2471 | rVB6 | 57427 | 94053 | 0.95% | 0.062% |
| 58 | 18.169 | 2559 | 2564 | 2570 | rBV5 | 56944 | 114446 | 1.16% | 0.075% |
| 59 | 18.227 | 2571 | 2574 | 2578 | rBV2 | 56943 | 82591 | 0.84% | 0.054% |
| 60 | 18.292 | 2578 | 2585 | 2600 | rBV2 | 2368042 | 3719559 | 37.72% | 2.437% |
| 61 | 18.469 | 2610 | 2615 | 2619 | rBV2 | 110730 | 191731 | 1.94% | 0.126% |
| 62 | 18.580 | 2630 | 2634 | 2637 | rBV3 | 58909 | 90693 | 0.92% | 0.059% |
| 63 | 18.622 | 2638 | 2641 | 2646 | rVB3 | 64561 | 96278 | 0.98% | 0.063% |
| 64 | 18.716 | 2653 | 2657 | 2660 | rBV | 64081 | 87643 | 0.89% | 0.057% |
| 65 | 18.774 | 2663 | 2667 | 2670 | rVV | 112232 | 160438 | 1.63% | 0.105% |
| 66 | 18.810 | 2670 | 2673 | 2679 | rVB2 | 52187 | 75214 | 0.76% | 0.049% |
| 67 | 19.080 | 2714 | 2719 | 2726 | rVB4 | 45288 | 104841 | 1.06% | 0.069% |
| 68 | 19.139 | 2726 | 2729 | 2733 | rBV4 | 39768 | 56221 | 0.57% | 0.037% |
| 69 | 19.186 | 2733 | 2737 | 2740 | rBV2 | 116694 | 195557 | 1.98% | 0.128% |
| 70 | 19.304 | 2754 | 2757 | 2759 | rBV | 77020 | 89433 | 0.91% | 0.059% |
| 71 | 19.416 | 2772 | 2776 | 2778 | rBV2 | 256154 | 336902 | 3.42% | 0.221% |
| 72 | 19.451 | 2778 | 2782 | 2788 | rVB | 1842082 | 2522020 | 25.57% | 1.652% |
| 73 | 19.563 | 2797 | 2801 | 2806 | rBV | 1177143 | 1605534 | 16.28% | 1.052% |
| 74 | 19.698 | 2821 | 2824 | 2832 | rVB3 | 71781 | 139732 | 1.42% | 0.092% |
| 75 | 19.786 | 2833 | 2839 | 2843 | rBV | 5593083 | 8288360 | 84.04% | 5.429% |
| 76 | 20.151 | 2895 | 2901 | 2906 | rBV2 | 99429 | 239149 | 2.42% | 0.157% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

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_N\Methods\SFAM-EPA-BN121522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 20.316 | 2922 | 2929 | 2937 | rVB4 | 258188 | 730590 | 7.41% | 0.479% |
| 78 | 20.410 | 2942 | 2945 | 2948 | rVB | 116423 | 128662 | 1.30% | 0.084% |
| 79 | 20.651 | 2982 | 2986 | 2990 | rBV5 | 175530 | 278586 | 2.82% | 0.182% |
| 80 | 20.763 | 3002 | 3005 | 3009 | rBV | 137841 | 158624 | 1.61% | 0.104% |
| 81 | 21.057 | 3052 | 3055 | 3060 | rVB | 124652 | 157063 | 1.59% | 0.103% |
| 82 | 21.227 | 3081 | 3084 | 3087 | rBV | 118084 | 119657 | 1.21% | 0.078% |
| 83 | 21.280 | 3087 | 3093 | 3102 | rBV3 | 3209141 | 4537725 | 46.01% | 2.973% |
| 84 | 21.457 | 3120 | 3123 | 3126 | rBV2 | 389110 | 511273 | 5.18% | 0.335% |
| 85 | 21.580 | 3137 | 3144 | 3149 | rBV2 | 4349315 | 7069418 | 71.68% | 4.631% |
| 86 | 21.621 | 3149 | 3151 | 3157 | rVB | 772406 | 838753 | 8.50% | 0.549% |
| 87 | 21.733 | 3167 | 3170 | 3178 | rBV4 | 251803 | 351155 | 3.56% | 0.230% |
| 88 | 22.221 | 3246 | 3253 | 3264 | rVB | 4161170 | 6108601 | 61.94% | 4.002% |
| 89 | 22.962 | 3375 | 3379 | 3385 | rVB | 828573 | 1131640 | 11.47% | 0.741% |
| 90 | 23.274 | 3427 | 3432 | 3437 | rBV2 | 2309847 | 4196652 | 42.55% | 2.749% |
| 91 | 23.327 | 3437 | 3441 | 3452 | rVB2 | 2060670 | 3727468 | 37.80% | 2.442% |
| 92 | 23.880 | 3528 | 3535 | 3540 | rBV2 | 2629942 | 5391890 | 54.67% | 3.532% |
| 93 | 24.039 | 3555 | 3562 | 3569 | rVB2 | 2125849 | 4186178 | 42.45% | 2.742% |
| 94 | 24.280 | 3598 | 3603 | 3613 | rVB2 | 592886 | 1123267 | 11.39% | 0.736% |
| 95 | 24.662 | 3661 | 3668 | 3676 | rVB | 2551996 | 5448418 | 55.25% | 3.569% |
| 96 | 24.757 | 3677 | 3684 | 3696 | rVB | 1888348 | 4222701 | 42.82% | 2.766% |
| 97 | 26.056 | 3899 | 3905 | 3917 | rVB2 | 606281 | 1582297 | 16.04% | 1.037% |
| 98 | 26.562 | 3983 | 3991 | 4009 | rVB6 | 896746 | 3357072 | 34.04% | 2.199% |
| 99 | 27.556 | 4152 | 4160 | 4173 | rVB3 | 1177670 | 3684251 | 37.36% | 2.413% |
| 100 | 28.603 | 4328 | 4338 | 4356 | rVB3 | 2434634 | 9862265 | 100.00% | 6.461% |

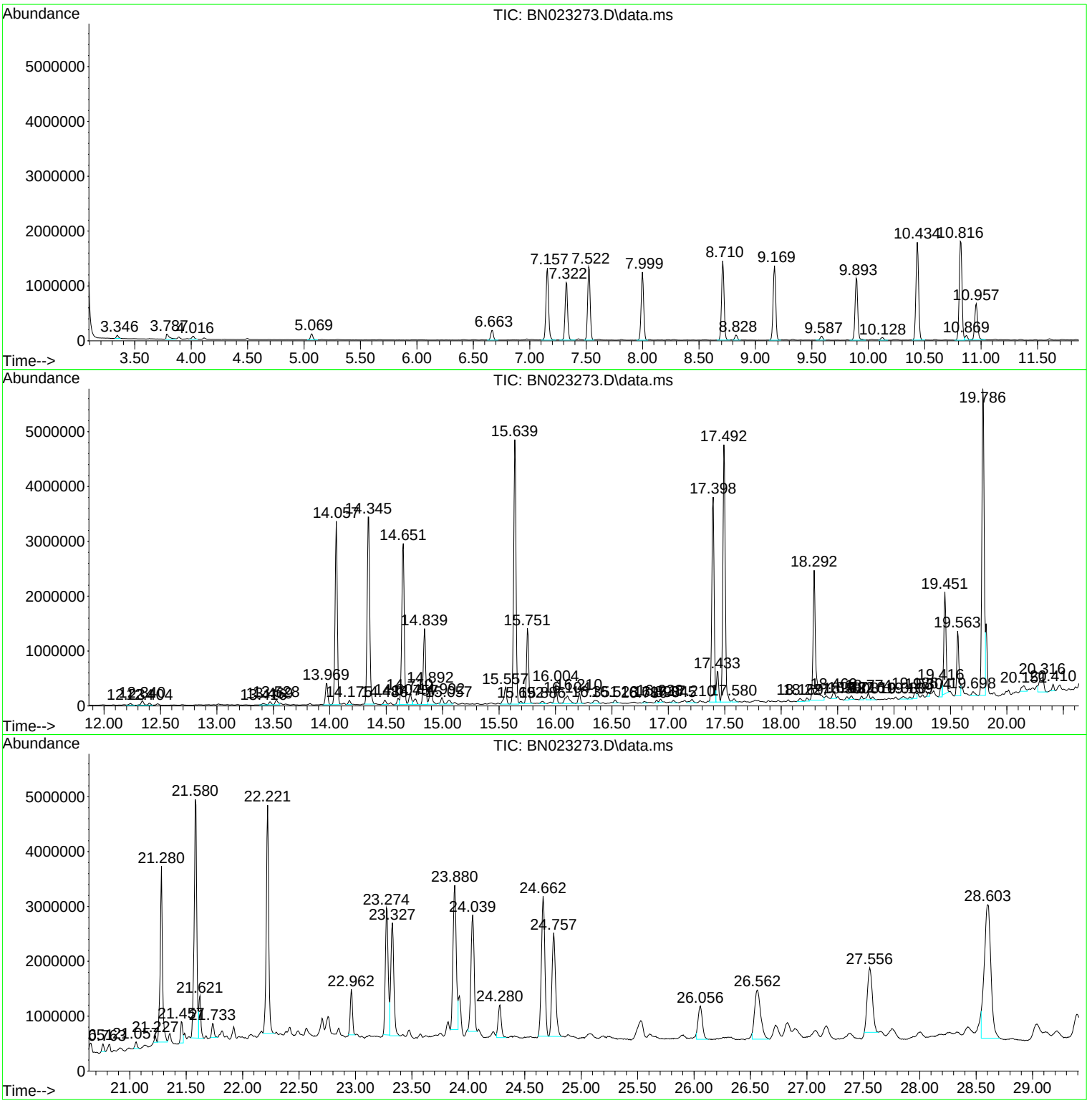
Sum of corrected areas: 152654348

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

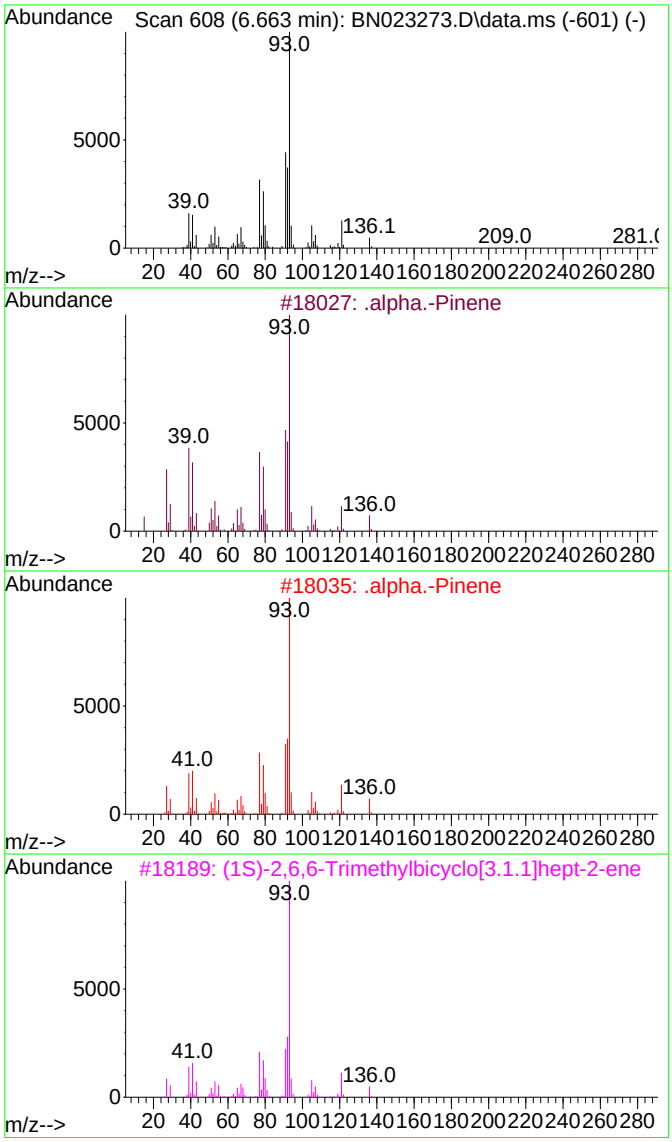
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

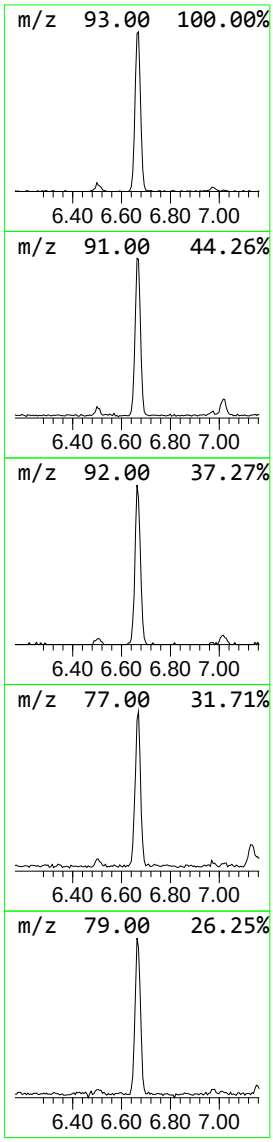
**********

Peak Number 1 .alpha.-Pinene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.663 | 2.97 ng/ul | 283732 | 1,4-Dichlorobenzene-d4 | 7.999 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 95 |
| 2 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 94 |
| 3 | (1S)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-26-4 | 91 |
| 4 | 3-Carene | 136 | C10H16 | 013466-78-9 | 91 |
| 5 | (1R)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-70-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

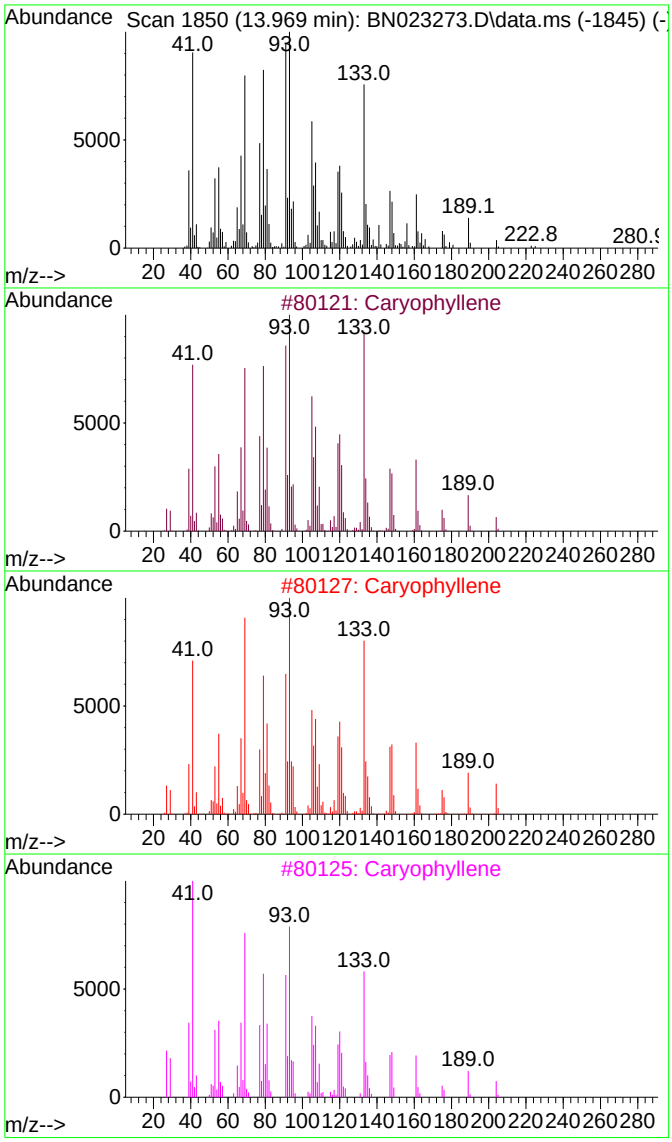
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

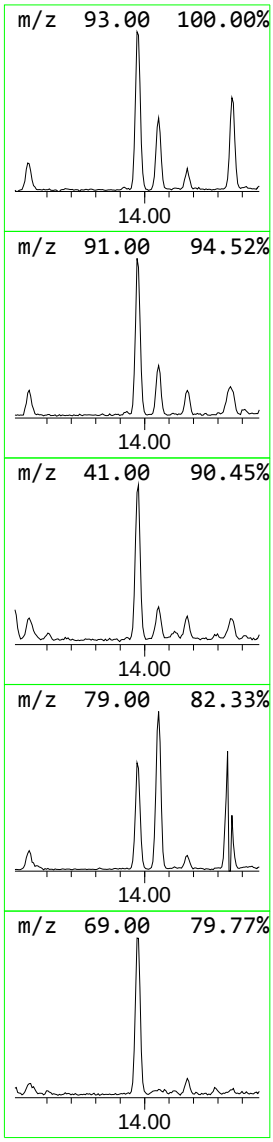
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Caryophyllene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.969 | 2.56 ng/ul | 558639 | Acenaphthene-d10 | 14.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Caryophyllene | 204 | C15H24 | 000087-44-5 | 99 |
| 2 | Caryophyllene | 204 | C15H24 | 000087-44-5 | 99 |
| 3 | Caryophyllene | 204 | C15H24 | 000087-44-5 | 95 |
| 4 | Bicyclo[7.2.0]undec-4-ene, 4,11,... | 204 | C15H24 | 013877-93-5 | 93 |
| 5 | Bicyclo[7.2.0]undec-4-ene, 4,11,... | 204 | C15H24 | 013877-93-5 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

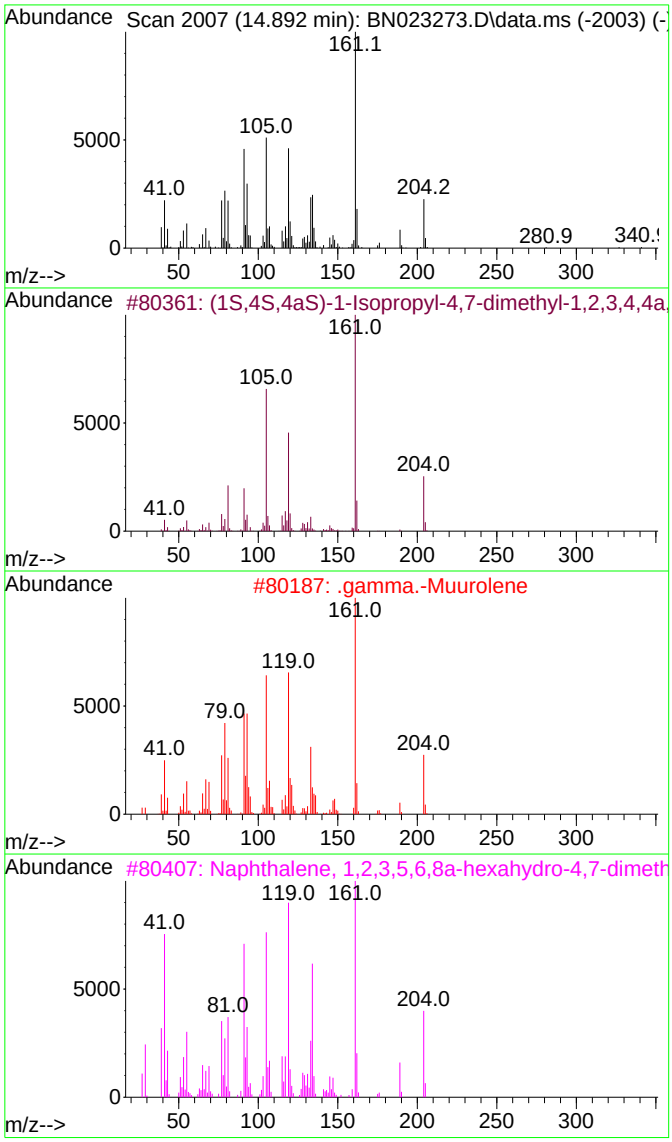
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

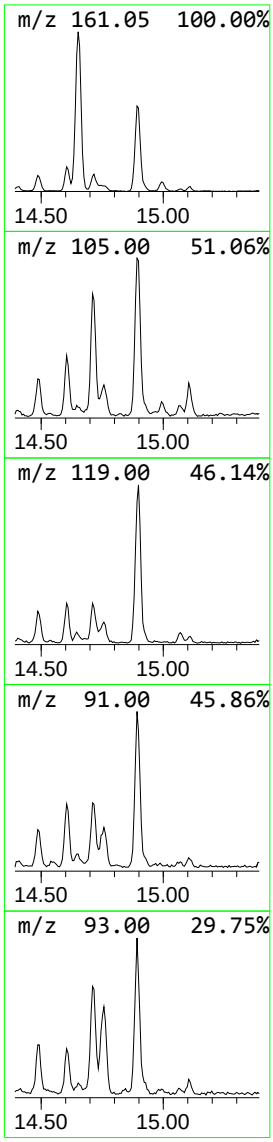
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (1S,4S,4aS)-1-Isopropyl-4,7... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.892 | 2.55 ng/ul | 556405 | Acenaphthene-d10 | 14.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (1S,4S,4aS)-1-Isopropyl-4,7-dime... | 204 | C15H24 | 267665-20-3 | 96 |
| 2 | .gamma.-Muurolene | 204 | C15H24 | 030021-74-0 | 93 |
| 3 | Naphthalene, 1,2,3,5,6,8a-hexahy... | 204 | C15H24 | 000483-76-1 | 92 |
| 4 | Bicyclosesquiphellandrene | 204 | C15H24 | 054324-03-7 | 91 |
| 5 | Germacrene D | 204 | C15H24 | 023986-74-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

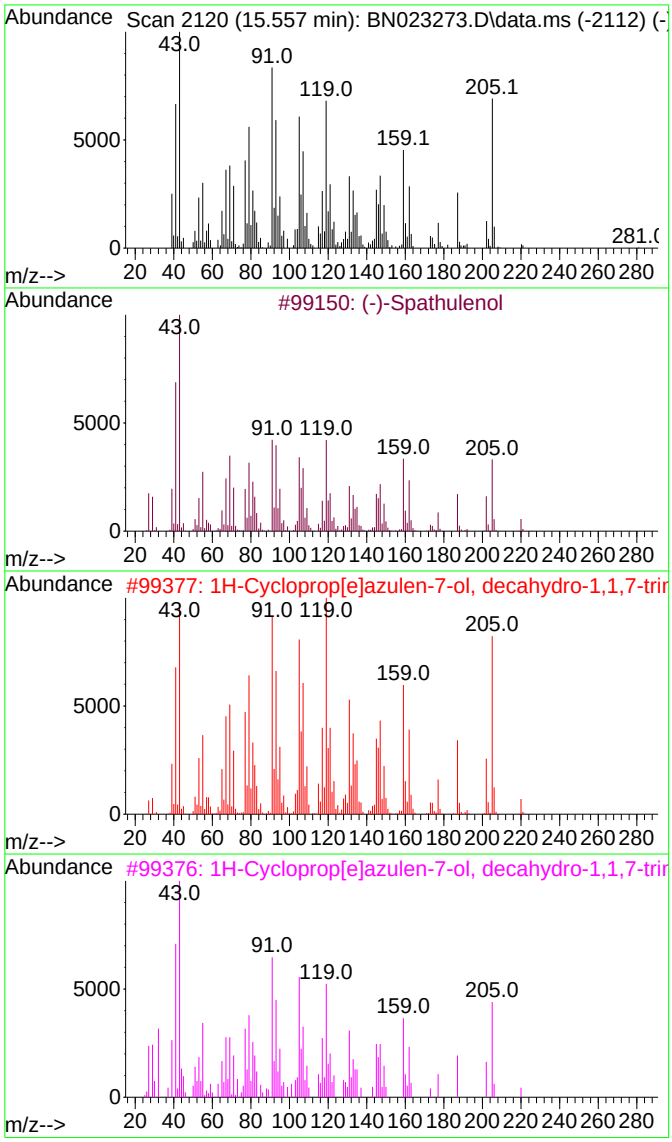
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

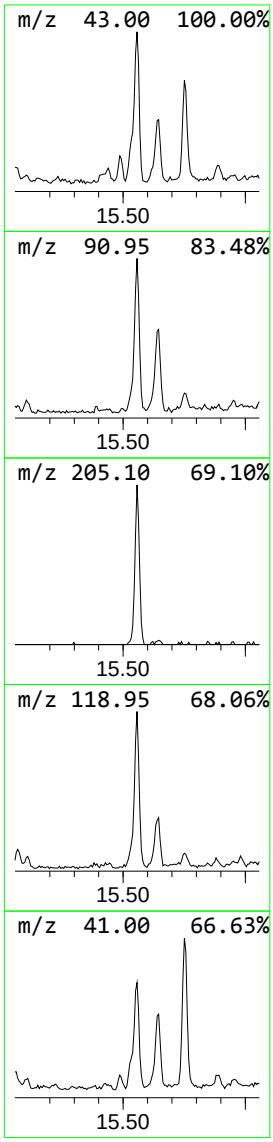
**********

Peak Number 4 (-)-Spathulenol Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.557 | 2.21 ng/ul | 482765 | Acenaphthene-d10 | 14.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (-)-Spathulenol | 220 | C15H24O | 077171-55-2 | 91 |
| 2 | 1H-Cycloprop[e]azulen-7-ol, deca... | 220 | C15H24O | 006750-60-3 | 91 |
| 3 | 1H-Cycloprop[e]azulen-7-ol, deca... | 220 | C15H24O | 006750-60-3 | 87 |
| 4 | 1H-Cycloprop[e]azulen-7-ol, deca... | 220 | C15H24O | 006750-60-3 | 80 |
| 5 | 1,3,6,10-Dodecatetraene, 3,7,11-... | 204 | C15H24 | 026560-14-5 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

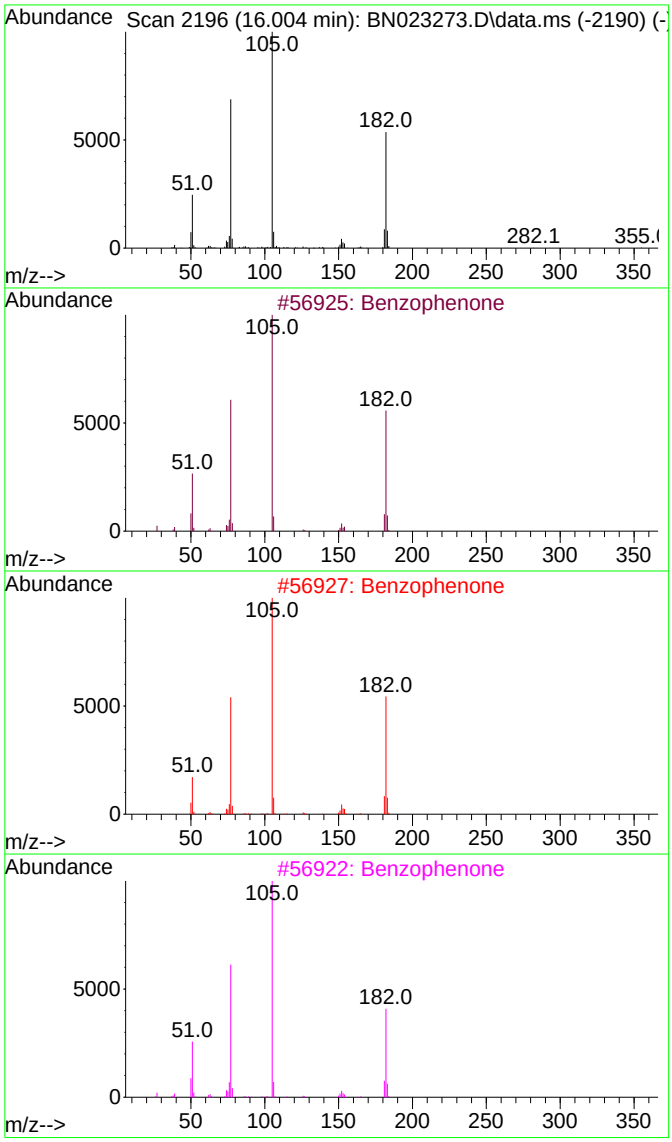
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

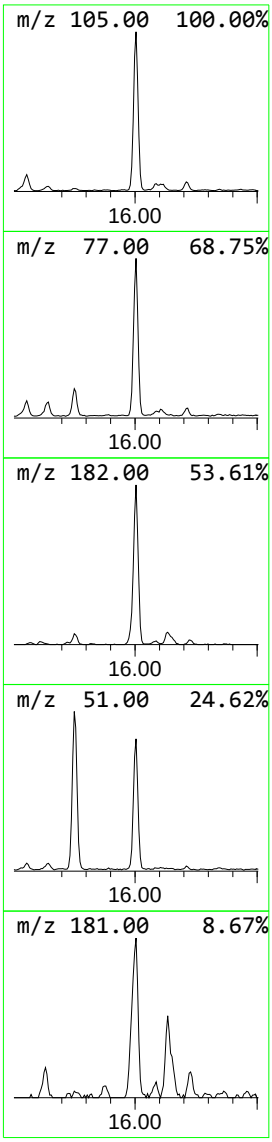
**********

Peak Number 5 Benzophenone Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.004 | 2.19 ng/ul | 479026 | Acenaphthene-d10 | 14.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 90 |
| 5 | 1-Propanone, 2-bromo-1-phenyl- | 212 | C9H9BrO | 002114-00-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

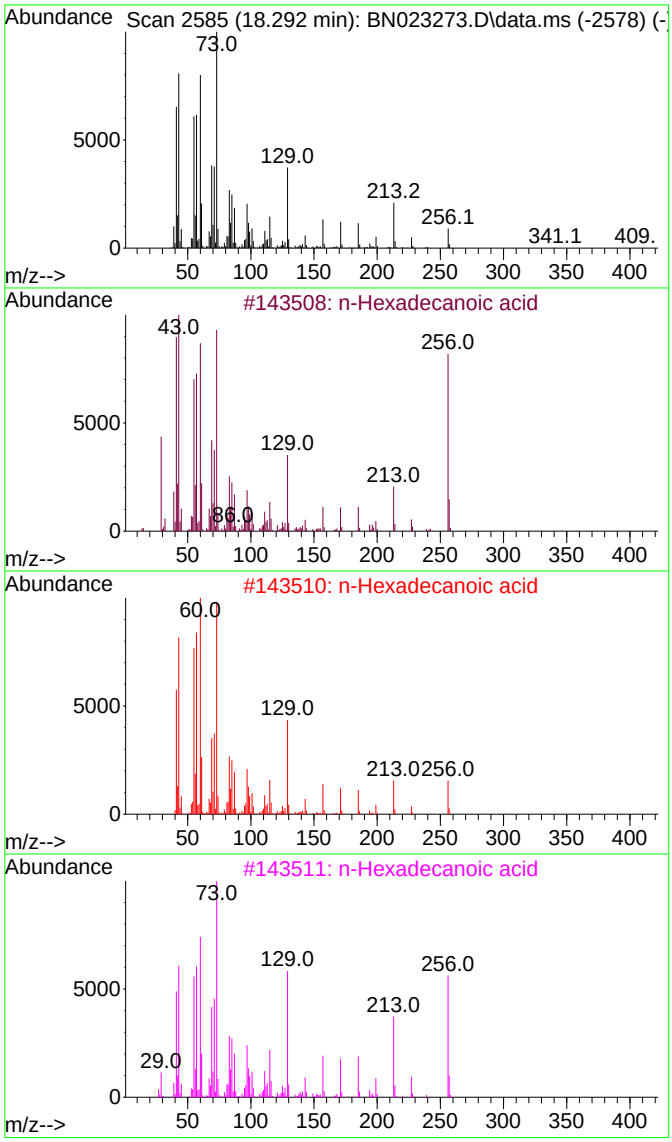
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

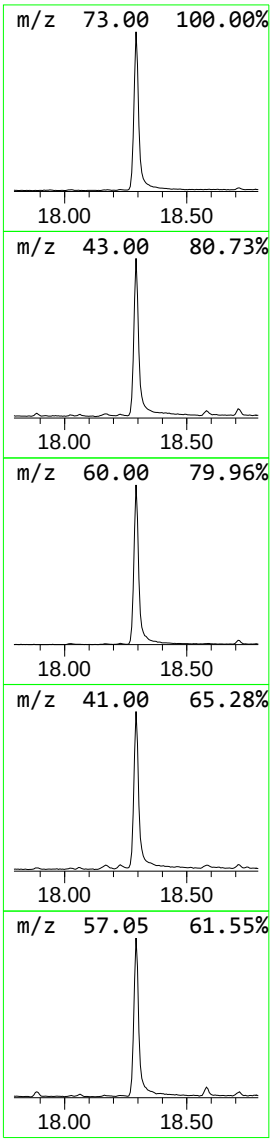
**********

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.292 | 13.80 ng/ul | 3719560 | Phenanthrene-d10 | 17.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 92 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

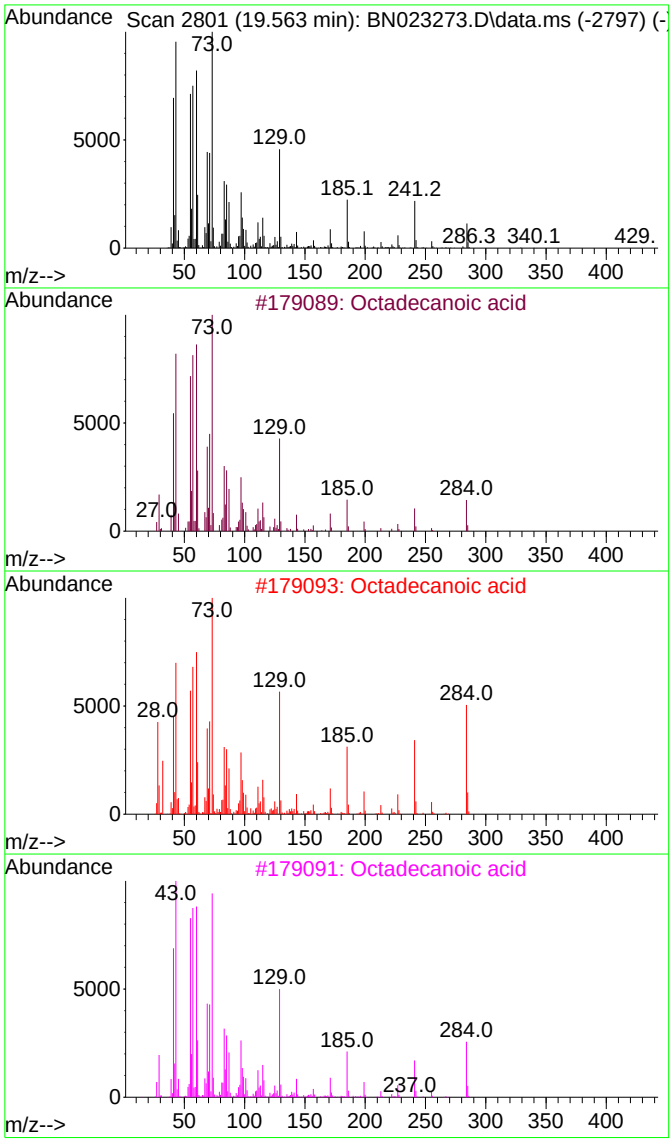
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

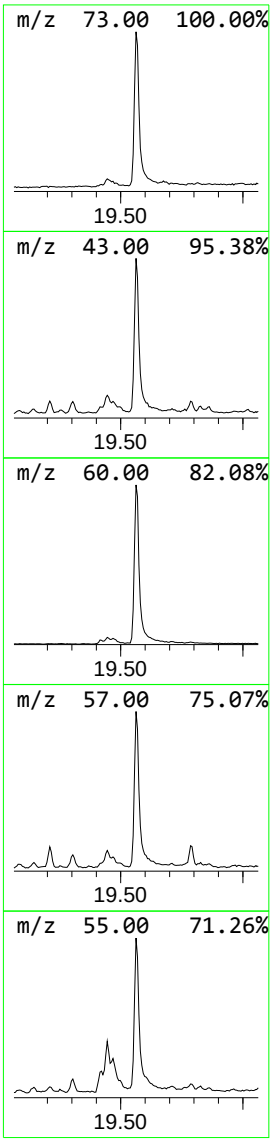
**********

Peak Number 7 Octadecanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.563 | 4.54 ng/ul | 1605530 | Chrysene-d12 | 21.580 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

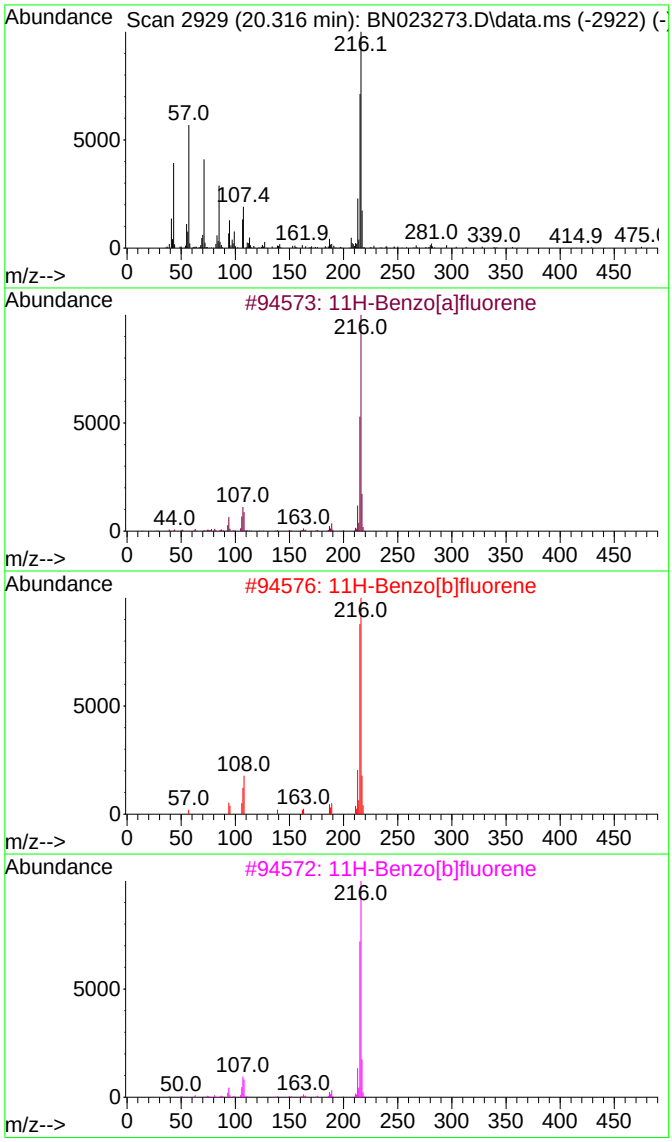
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

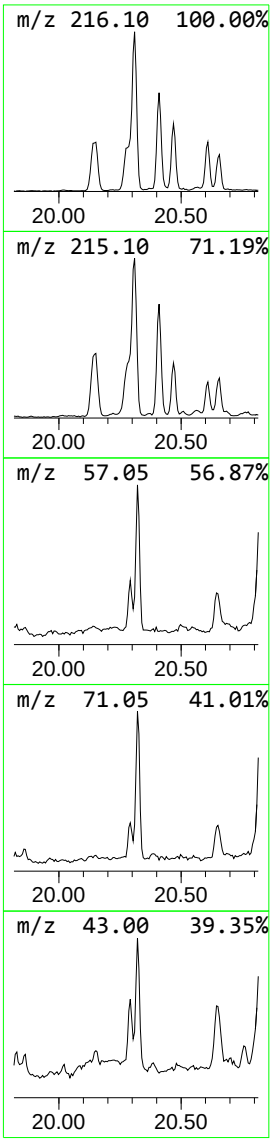
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.316 | 2.07 ng/ul | 730590 | Chrysene-d12 | 21.580 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 53 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 50 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 49 |
| 4 | 1,3,5-Triazine-2,4,6-triamine, N... | 216 | C10H12N6 | 046731-79-7 | 49 |
| 5 | 4H-Thiazolo[5,4-b]indole, 2,5,7-... | 216 | C12H12N2S | 1010304-43-7 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

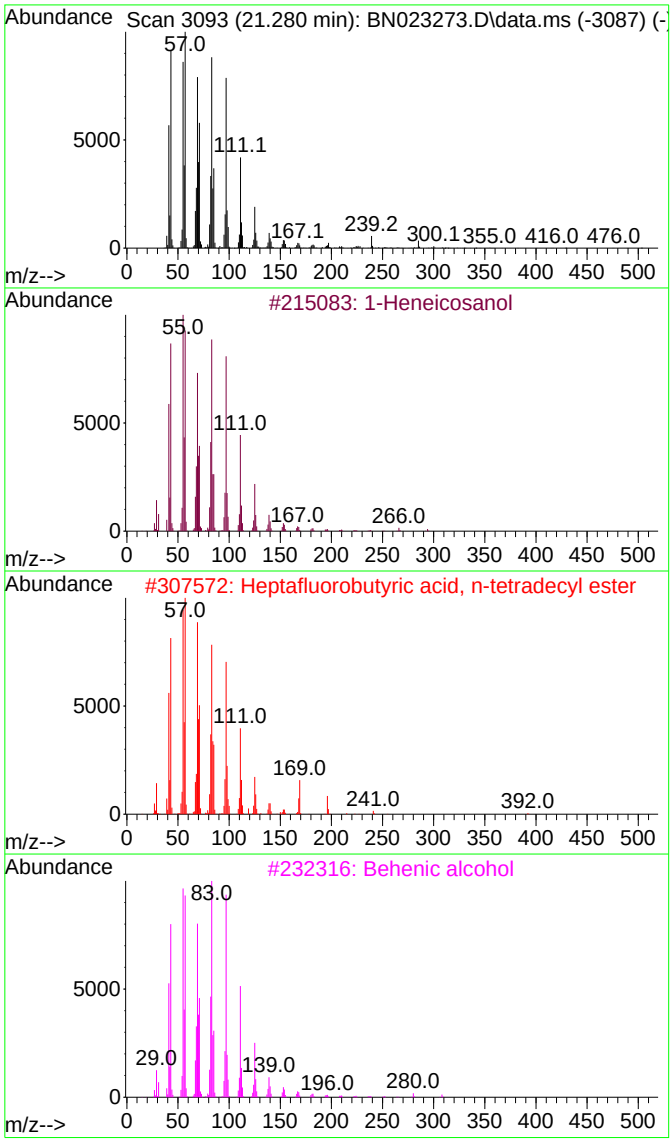
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

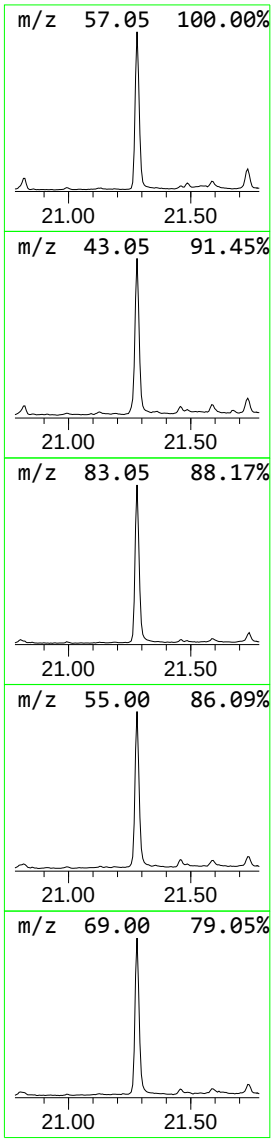
**********

Peak Number 9 1-Heneicosanol Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.280 | 12.84 ng/ul | 4537730 | Chrysene-d12 | 21.580 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 5 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

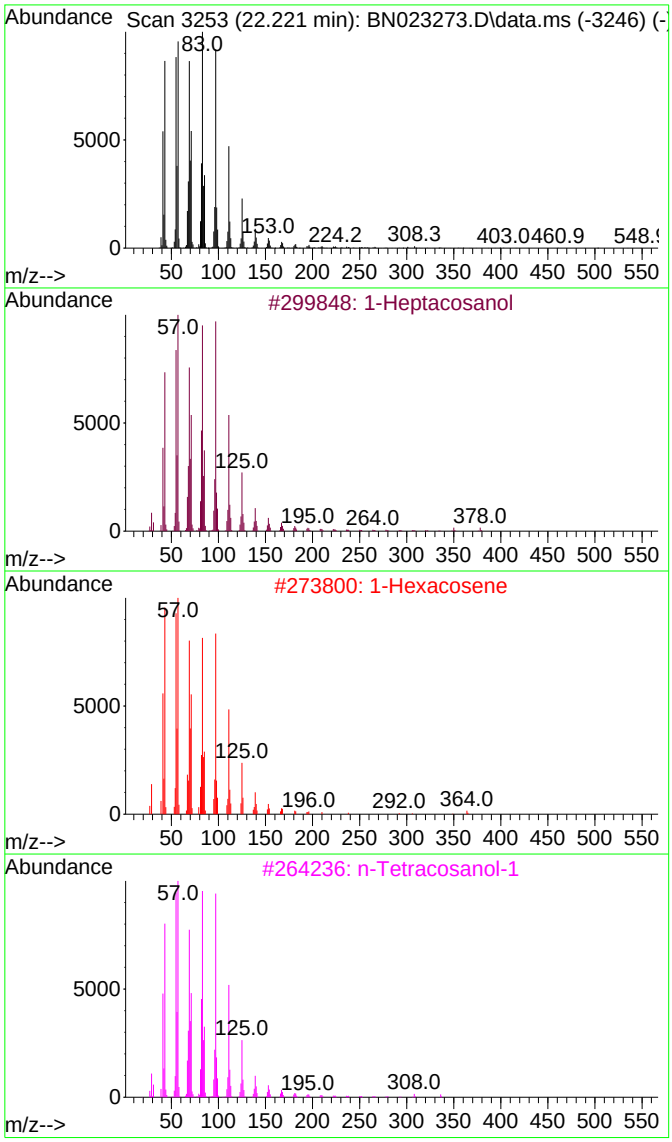
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

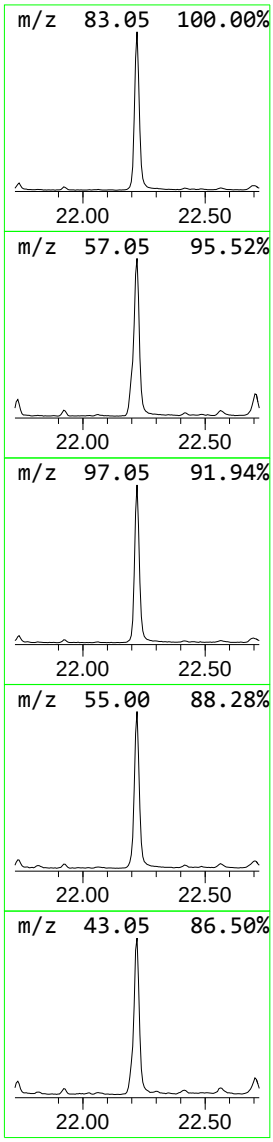
**********

Peak Number 10 1-Heptacosanol Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.221 | 17.28 ng/ul | 6108600 | Chrysene-d12 | 21.580 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 95 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 4 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

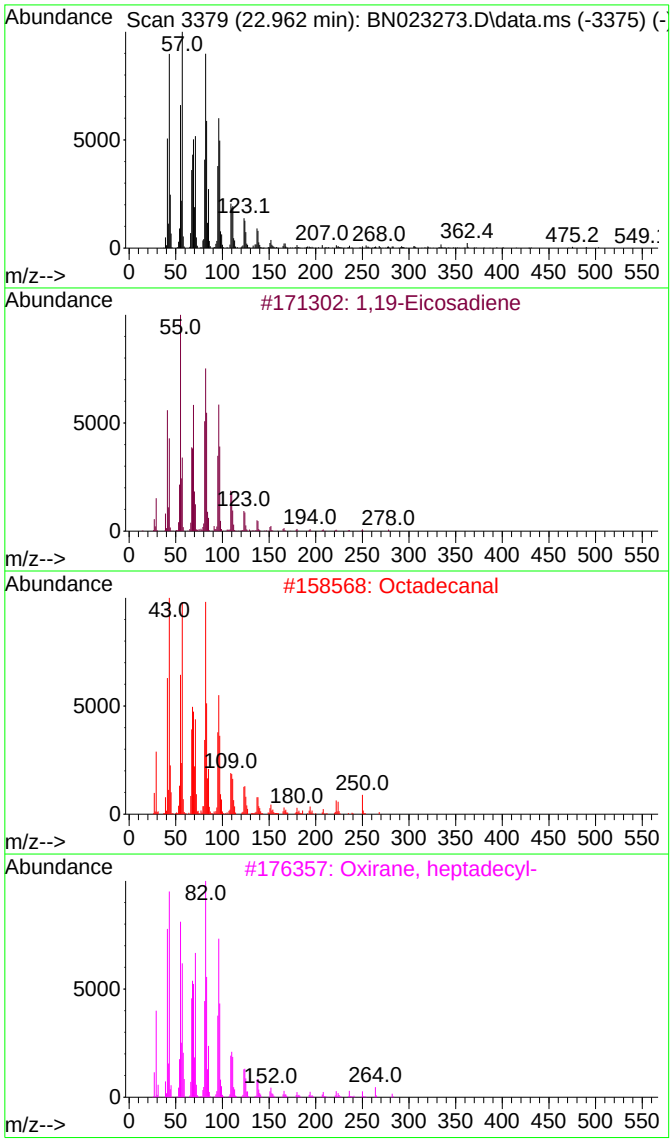
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

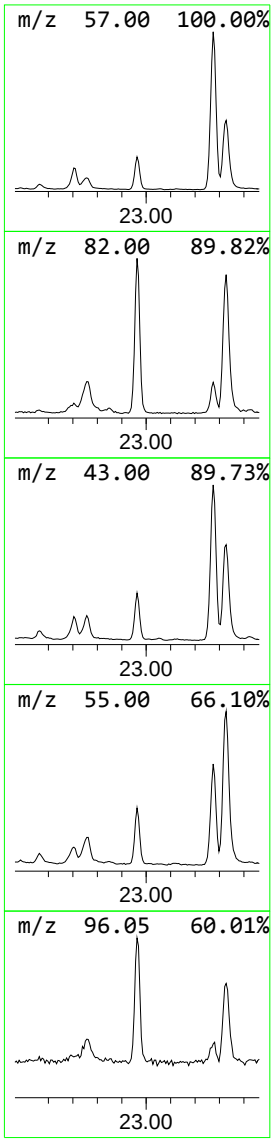
**********

Peak Number 11 1,19-Eicosadiene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.962 | 5.41 ng/ul | 1131640 | Perylene-d12 | 24.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 95 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 94 |
| 3 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 94 |
| 4 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 93 |
| 5 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

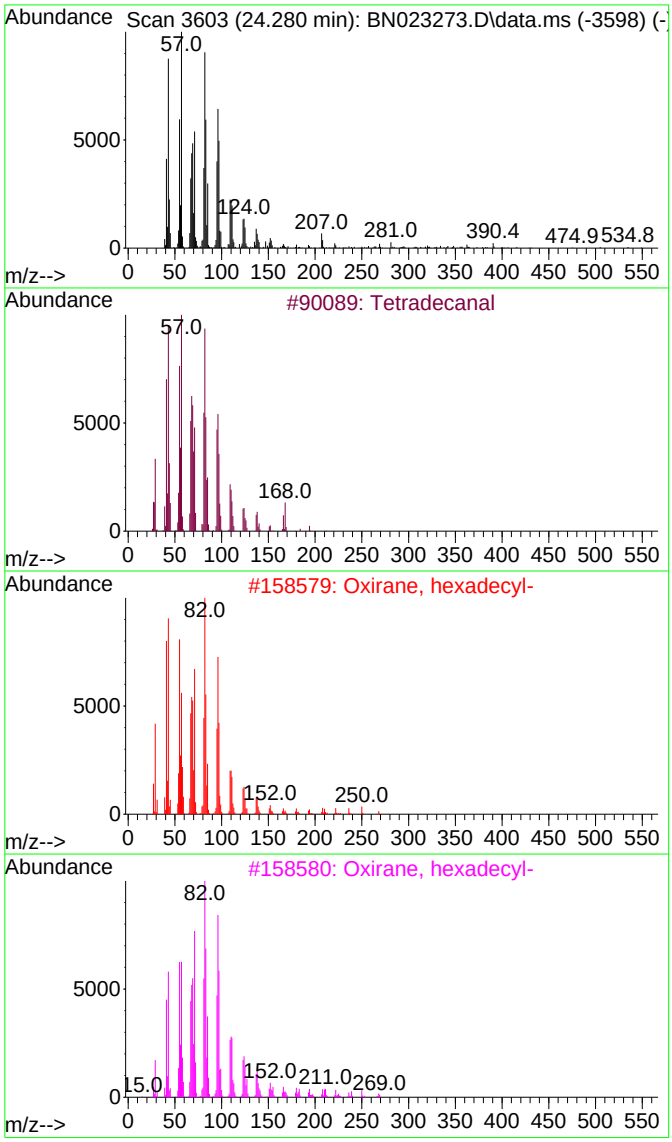
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

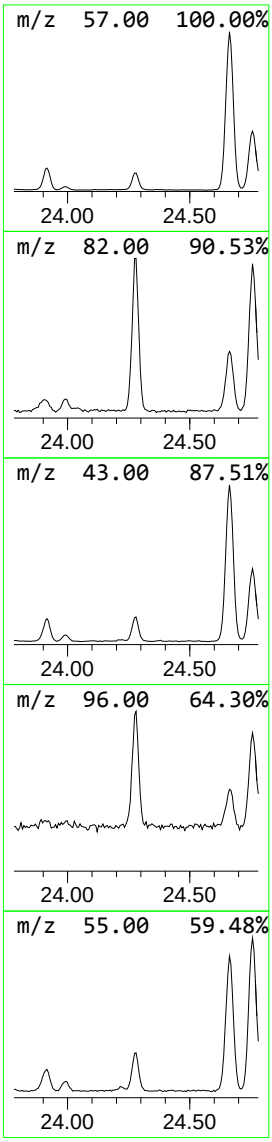
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Tetradecanal Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.280 | 5.37 ng/ul | 1123270 | Perylene-d12 | 24.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanal | 212 | C14H28O | 000124-25-4 | 93 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 5 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

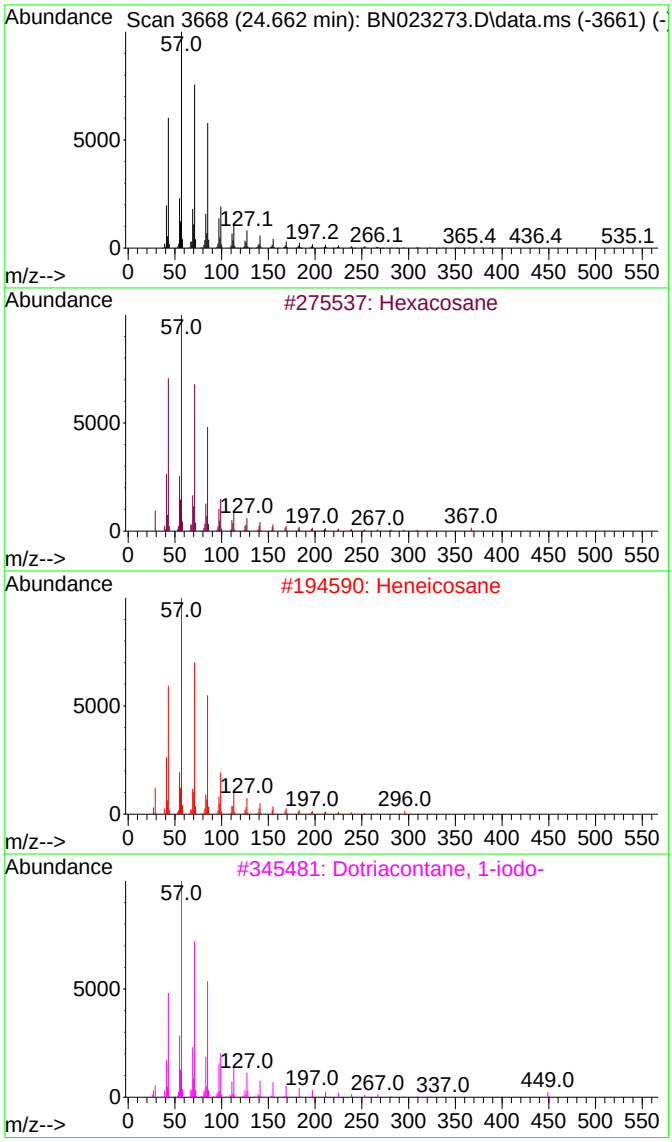
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

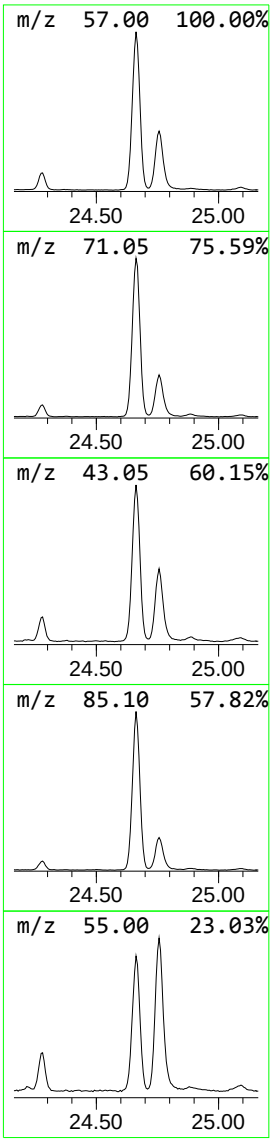
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.662 | 26.03 ng/ul | 5448420 | Perylene-d12 | 24.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 5 | 2-Methylpentacosane | 366 | C26H54 | 000629-87-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

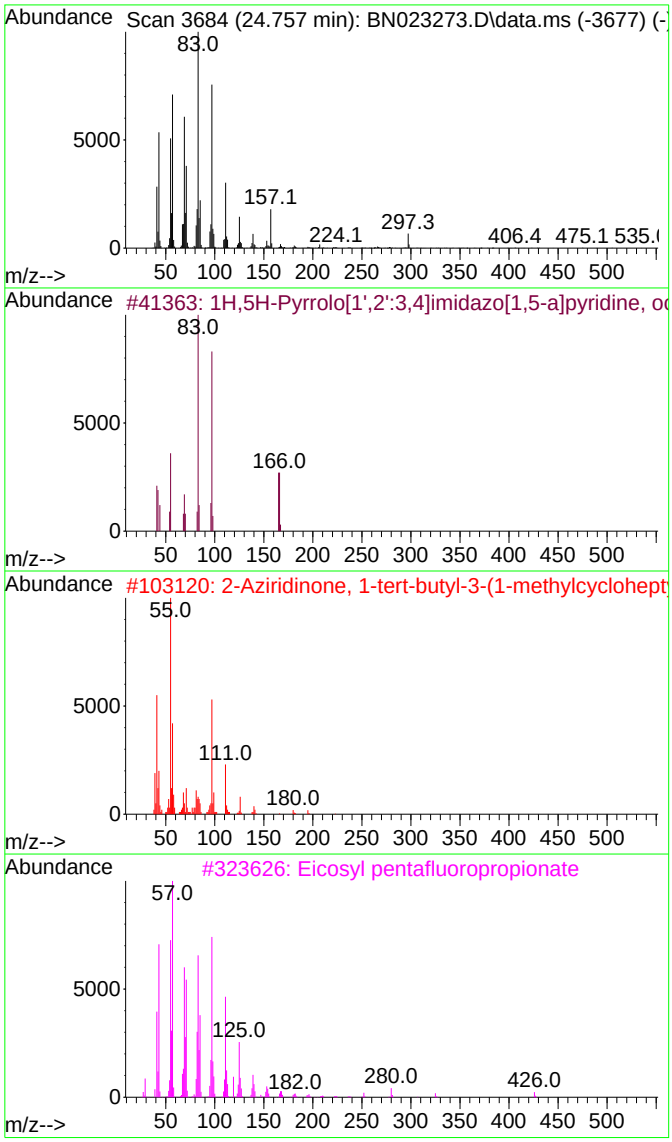
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

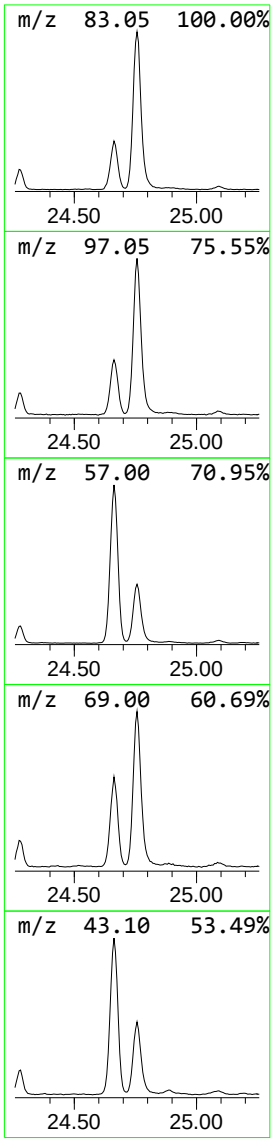
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 1H,5H-Pyrrolo[1',2':3,4]imi... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.756 | 20.17 ng/ul | 4222700 | Perylene-d12 | 24.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H,5H-Pyrrolo[1',2':3,4]imidazo[... | 166 | C10H18N2 | 054966-11-9 | 58 |
| 2 | 2-Aziridinone, 1-tert-butyl-3-(1... | 223 | C14H25NO | 026944-18-3 | 50 |
| 3 | Eicosyl pentafluoropropionate | 444 | C23H41F5O2 | 1000351-80-8 | 46 |
| 4 | Octacosyl trifluoroacetate | 506 | C30H57F3O2 | 1000351-74-9 | 46 |
| 5 | Triacontyl acetate | 480 | C32H64O2 | 041755-58-2 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

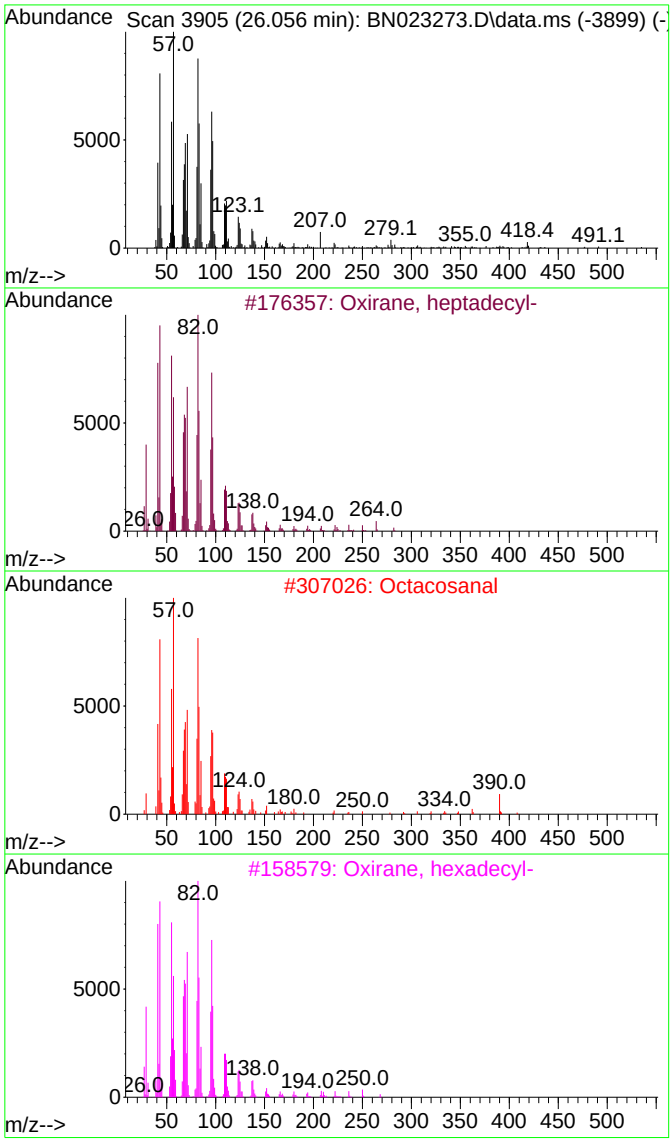
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

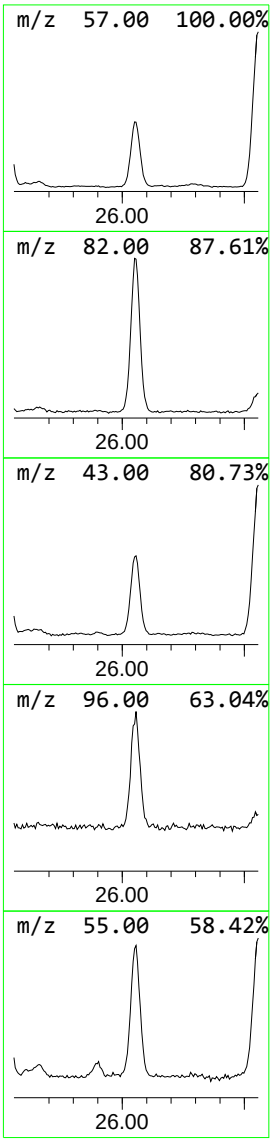
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Oxirane, heptadecyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.057 | 7.56 ng/ul | 1582300 | Perylene-d12 | 24.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 91 |
| 2 | Octacosanal | 408 | C28H56O | 022725-64-0 | 91 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 4 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 5 | Heptacosanal | 394 | C27H54O | 072934-03-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

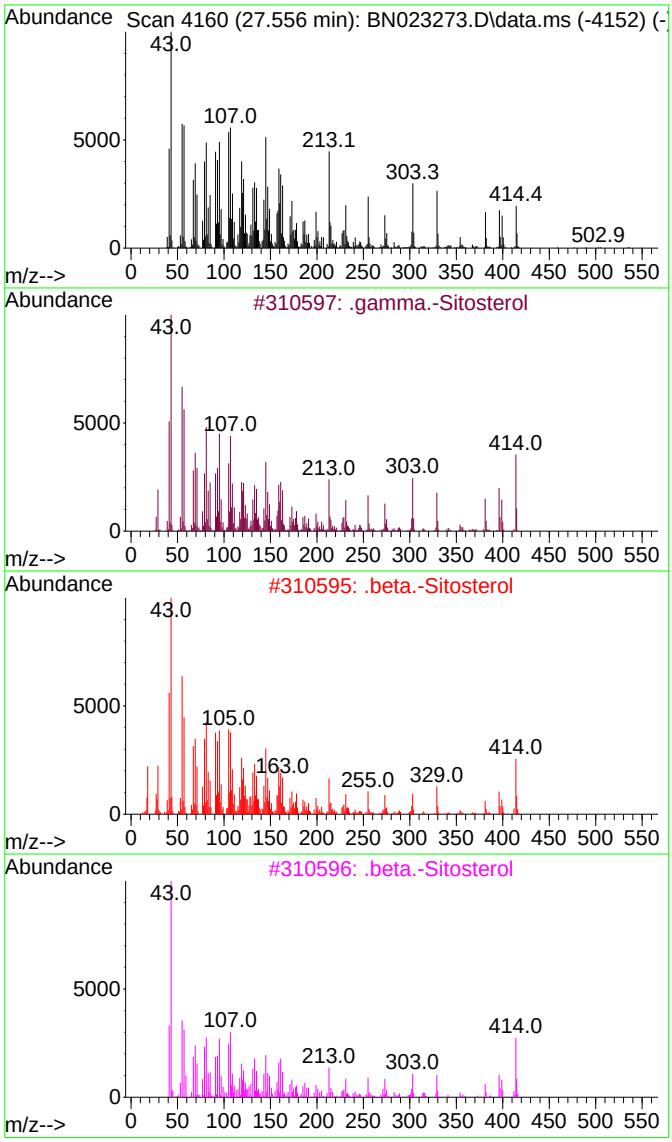
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

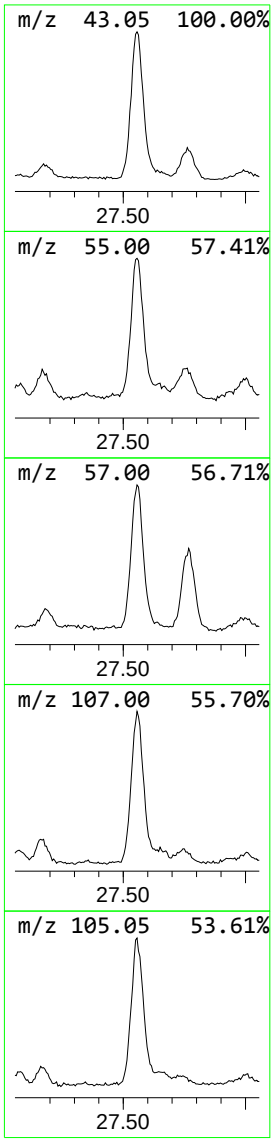
**********

Peak Number 16 .gamma.-Sitosterol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.556 | 17.60 ng/ul | 3684250 | Perylene-d12 | 24.039 |

| 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 | 95 |
| 3 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 91 |
| 4 | (3S,8S,9S,10R,13R,14S,17R)-17-((... | 414 | C29H50O | 029365-29-5 | 70 |
| 5 | Pregn-5-en-3-ol, 21-bromo-20-met... | 394 | C22H35BrO | 055103-80-5 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

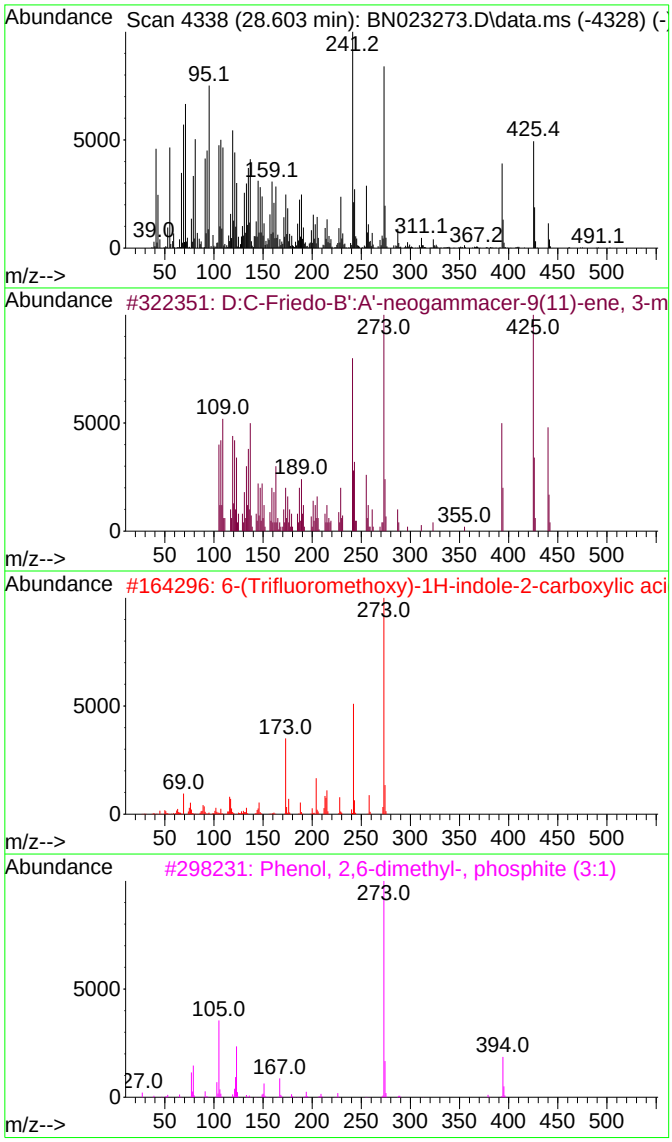
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

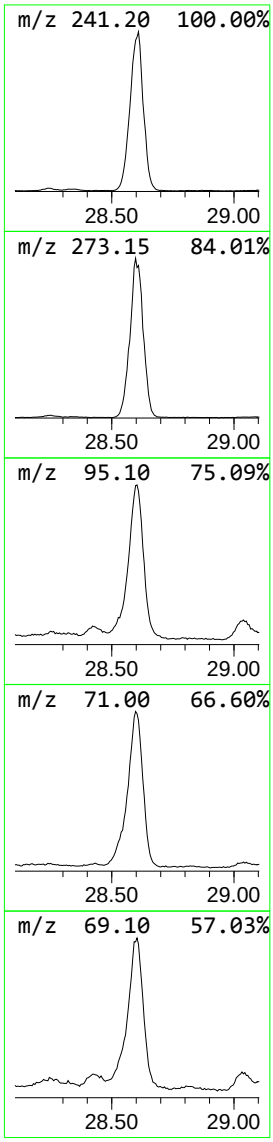
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 D:C-Friedo-B':A'-neogammace... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 28.603 | 47.12 ng/ul | 9862270 | Perylene-d12 | 24.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | D:C-Friedo-B':A'-neogammacer-9(1... | 440 | C31H52O | 004555-56-0 | 53 |
| 2 | 6-(Trifluoromethoxy)-1H-indole-2... | 273 | C12H10F3NO3 | 1000499-75-7 | 25 |
| 3 | Phenol, 2,6-dimethyl-, phosphite... | 394 | C24H27O3P | 052830-49-6 | 25 |
| 4 | 9,19-Cyclolanost-25-en-3-ol, 24-... | 440 | C31H52O | 000511-61-5 | 25 |
| 5 | Pregnan-18-ol, (5.alpha.)- | 304 | C21H36O | 056053-09-9 | 22 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023273.D
Acq On : 17 Dec 2022 12:09
Operator : CG/JU
Sample : N5925-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYC6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.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 |
| .alpha.-Pinene | 6.663 | 3.0 | ng/ul | 283732 | 1 | 7.999 | 1908430 | 20.0 |
| Caryophyllene | 13.969 | 2.6 | ng/ul | 558639 | 3 | 14.651 | 4365200 | 20.0 |
| (1S,4S,4aS)-1-I... | 14.892 | 2.5 | ng/ul | 556405 | 3 | 14.651 | 4365200 | 20.0 |
| (-)-Spathulenol | 15.557 | 2.2 | ng/ul | 482765 | 3 | 14.651 | 4365200 | 20.0 |
| Benzophenone | 16.004 | 2.2 | ng/ul | 479026 | 3 | 14.651 | 4365200 | 20.0 |
| n-Hexadecanoic ... | 18.292 | 13.8 | ng/ul | 3719560 | 4 | 17.398 | 5388880 | 20.0 |
| Octadecanoic acid | 19.563 | 4.5 | ng/ul | 1605530 | 5 | 21.580 | 7069420 | 20.0 |
| 11H-Benzo[a]flu... | 20.316 | 2.1 | ng/ul | 730590 | 5 | 21.580 | 7069420 | 20.0 |
| 1-Heneicosanol | 21.280 | 12.8 | ng/ul | 4537730 | 5 | 21.580 | 7069420 | 20.0 |
| 1-Heptacosanol | 22.221 | 17.3 | ng/ul | 6108600 | 5 | 21.580 | 7069420 | 20.0 |
| 1,19-Eicosadiene | 22.962 | 5.4 | ng/ul | 1131640 | 6 | 24.039 | 4186180 | 20.0 |
| Tetradecanal | 24.280 | 5.4 | ng/ul | 1123270 | 6 | 24.039 | 4186180 | 20.0 |
| (DEL) Alkane: S... | 24.662 | 26.0 | ng/ul | 5448420 | 6 | 24.039 | 4186180 | 20.0 |
| 1H,5H-Pyrrolo[1... | 24.756 | 20.2 | ng/ul | 4222700 | 6 | 24.039 | 4186180 | 20.0 |
| Oxirane, heptad... | 26.057 | 7.6 | ng/ul | 1582300 | 6 | 24.039 | 4186180 | 20.0 |
| .gamma.-Sitosterol | 27.556 | 17.6 | ng/ul | 3684250 | 6 | 24.039 | 4186180 | 20.0 |
| D:C-Friedo-B':A... | 28.603 | 47.1 | ng/ul | 9862270 | 6 | 24.039 | 4186180 | 20.0 |