LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021324.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.164 | 27 | 30 | 33 | rVB2 | 17514 | 18286 | 0.39% | 0.032% |
| 2 | 3.475 | 80 | 83 | 94 | rBV2 | 10306 | 23224 | 0.49% | 0.040% |
| 3 | 3.628 | 107 | 109 | 114 | rBV3 | 10568 | 18804 | 0.40% | 0.032% |
| 4 | 3.675 | 114 | 117 | 124 | rVB | 21487 | 30984 | 0.66% | 0.053% |
| 5 | 3.875 | 148 | 151 | 156 | rVB | 10129 | 14753 | 0.31% | 0.025% |
| 6 | 4.428 | 241 | 245 | 248 | rBV3 | 6263 | 8883 | 0.19% | 0.015% |
| 7 | 4.658 | 277 | 284 | 289 | rBV3 | 4995 | 13452 | 0.29% | 0.023% |
| 8 | 4.775 | 299 | 304 | 310 | rBV | 31620 | 50176 | 1.06% | 0.087% |
| 9 | 6.858 | 649 | 658 | 673 | rBV | 191820 | 525441 | 11.14% | 0.907% |
| 10 | 6.981 | 673 | 679 | 694 | rVV | 214430 | 402193 | 8.53% | 0.694% |
| 11 | 7.181 | 706 | 713 | 727 | rBV | 267469 | 537501 | 11.40% | 0.928% |
| 12 | 7.622 | 782 | 788 | 803 | rBV | 567172 | 1036349 | 21.97% | 1.789% |
| 13 | 8.369 | 906 | 915 | 929 | rBV | 237114 | 626196 | 13.28% | 1.081% |
| 14 | 8.475 | 929 | 933 | 942 | rVB3 | 19099 | 43561 | 0.92% | 0.075% |
| 15 | 8.793 | 979 | 987 | 1007 | rBV | 242342 | 502972 | 10.66% | 0.868% |
| 16 | 8.928 | 1007 | 1010 | 1017 | rVB9 | 5081 | 9812 | 0.21% | 0.017% |
| 17 | 9.116 | 1038 | 1042 | 1048 | rBV8 | 6517 | 11067 | 0.23% | 0.019% |
| 18 | 9.369 | 1078 | 1085 | 1093 | rBV7 | 9473 | 26151 | 0.55% | 0.045% |
| 19 | 9.504 | 1098 | 1108 | 1125 | rBV | 210346 | 437476 | 9.27% | 0.755% |
| 20 | 9.810 | 1155 | 1160 | 1163 | rBV7 | 5521 | 10107 | 0.21% | 0.017% |
| 21 | 10.075 | 1197 | 1205 | 1230 | rBV | 165292 | 645557 | 13.69% | 1.114% |
| 22 | 10.381 | 1250 | 1257 | 1275 | rVV | 743882 | 1455612 | 30.86% | 2.513% |
| 23 | 10.593 | 1287 | 1293 | 1311 | rBV | 30610 | 105116 | 2.23% | 0.181% |
| 24 | 10.969 | 1350 | 1357 | 1359 | rBV8 | 5934 | 10762 | 0.23% | 0.019% |
| 25 | 11.175 | 1383 | 1392 | 1402 | rBV5 | 24615 | 87123 | 1.85% | 0.150% |
| 26 | 11.240 | 1402 | 1403 | 1411 | rVB8 | 6359 | 9686 | 0.21% | 0.017% |
| 27 | 11.981 | 1524 | 1529 | 1534 | rVB7 | 5269 | 8800 | 0.19% | 0.015% |
| 28 | 12.075 | 1539 | 1545 | 1549 | rVV4 | 6617 | 15931 | 0.34% | 0.028% |
| 29 | 12.275 | 1575 | 1579 | 1585 | rBV5 | 5617 | 9416 | 0.20% | 0.016% |
| 30 | 12.575 | 1624 | 1630 | 1635 | rBV10 | 4394 | 10337 | 0.22% | 0.018% |
| 31 | 12.851 | 1669 | 1677 | 1682 | rBV10 | 7503 | 23141 | 0.49% | 0.040% |
| 32 | 13.222 | 1733 | 1740 | 1741 | rBV6 | 5801 | 8071 | 0.17% | 0.014% |
| 33 | 13.304 | 1749 | 1754 | 1765 | rVB5 | 11159 | 27750 | 0.59% | 0.048% |
| 34 | 13.416 | 1768 | 1773 | 1777 | rBV7 | 5575 | 10880 | 0.23% | 0.019% |
| 35 | 13.487 | 1777 | 1785 | 1795 | rBV | 90039 | 303489 | 6.43% | 0.524% |
| 36 | 13.675 | 1812 | 1817 | 1826 | rBV | 651207 | 880228 | 18.66% | 1.519% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A4D40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.951 | 1854 | 1864 | 1879 | rBV | 712463 | 1261848 | 26.75% | 2.178% |
| 38 | 14.075 | 1882 | 1885 | 1889 | rVB6 | 10718 | 15479 | 0.33% | 0.027% |
| 39 | 14.257 | 1909 | 1916 | 1924 | rBV | 1098953 | 1927864 | 40.87% | 3.328% |
| 40 | 14.328 | 1924 | 1928 | 1936 | rVB | 32772 | 64225 | 1.36% | 0.111% |
| 41 | 14.487 | 1945 | 1955 | 1962 | rBV5 | 92710 | 282542 | 5.99% | 0.488% |
| 42 | 14.569 | 1965 | 1969 | 1971 | rBV4 | 4751 | 7128 | 0.15% | 0.012% |
| 43 | 14.616 | 1971 | 1977 | 1985 | rBV4 | 98397 | 282840 | 6.00% | 0.488% |
| 44 | 14.845 | 2011 | 2016 | 2023 | rBV | 23753 | 45520 | 0.97% | 0.079% |
| 45 | 15.063 | 2050 | 2053 | 2056 | rVB4 | 8927 | 11440 | 0.24% | 0.020% |
| 46 | 15.122 | 2060 | 2063 | 2066 | rVB5 | 8295 | 8581 | 0.18% | 0.015% |
| 47 | 15.275 | 2083 | 2089 | 2096 | rBV | 867783 | 1467845 | 31.12% | 2.534% |
| 48 | 15.334 | 2096 | 2099 | 2113 | rVB | 39152 | 79424 | 1.68% | 0.137% |
| 49 | 15.469 | 2116 | 2122 | 2132 | rBV | 135686 | 363495 | 7.71% | 0.627% |
| 50 | 15.539 | 2132 | 2134 | 2140 | rVB5 | 23018 | 30832 | 0.65% | 0.053% |
| 51 | 15.857 | 2184 | 2188 | 2191 | rBV5 | 13448 | 19887 | 0.42% | 0.034% |
| 52 | 15.898 | 2192 | 2195 | 2196 | rBV3 | 9123 | 10214 | 0.22% | 0.018% |
| 53 | 15.998 | 2209 | 2212 | 2219 | rBV7 | 11934 | 27234 | 0.58% | 0.047% |
| 54 | 16.175 | 2237 | 2242 | 2247 | rBV8 | 17517 | 33775 | 0.72% | 0.058% |
| 55 | 16.481 | 2290 | 2294 | 2297 | rBV3 | 24021 | 36856 | 0.78% | 0.064% |
| 56 | 16.745 | 2335 | 2339 | 2344 | rVB2 | 26274 | 43257 | 0.92% | 0.075% |
| 57 | 16.804 | 2344 | 2349 | 2357 | rBV4 | 111240 | 205165 | 4.35% | 0.354% |
| 58 | 16.898 | 2362 | 2365 | 2370 | rVB | 36137 | 53036 | 1.12% | 0.092% |
| 59 | 16.986 | 2371 | 2380 | 2387 | rBV7 | 54013 | 137527 | 2.92% | 0.237% |
| 60 | 17.081 | 2387 | 2396 | 2400 | rBV | 1546235 | 2555710 | 54.18% | 4.412% |
| 61 | 17.122 | 2400 | 2403 | 2409 | rVB | 627724 | 928234 | 19.68% | 1.602% |
| 62 | 17.186 | 2409 | 2414 | 2419 | rBV2 | 1015263 | 1584732 | 33.60% | 2.736% |
| 63 | 17.492 | 2463 | 2466 | 2469 | rBV4 | 24986 | 41649 | 0.88% | 0.072% |
| 64 | 17.528 | 2469 | 2472 | 2479 | rVB2 | 58484 | 115468 | 2.45% | 0.199% |
| 65 | 17.704 | 2495 | 2502 | 2506 | rBV | 290374 | 481738 | 10.21% | 0.832% |
| 66 | 17.769 | 2510 | 2513 | 2515 | rBV3 | 31700 | 38790 | 0.82% | 0.067% |
| 67 | 17.881 | 2529 | 2532 | 2539 | rVB6 | 53872 | 89857 | 1.90% | 0.155% |
| 68 | 17.957 | 2540 | 2545 | 2548 | rBV | 238732 | 411908 | 8.73% | 0.711% |
| 69 | 18.016 | 2548 | 2555 | 2565 | rVB2 | 1157108 | 1859902 | 39.43% | 3.211% |
| 70 | 18.181 | 2579 | 2583 | 2589 | rBV3 | 366647 | 610023 | 12.93% | 1.053% |
| 71 | 18.245 | 2589 | 2594 | 2598 | rVB2 | 190733 | 314822 | 6.67% | 0.543% |
| 72 | 18.286 | 2598 | 2601 | 2605 | rBV | 139492 | 185701 | 3.94% | 0.321% |
| 73 | 18.475 | 2629 | 2633 | 2636 | rBV2 | 163123 | 242803 | 5.15% | 0.419% |
| 74 | 18.580 | 2647 | 2651 | 2657 | rBV3 | 131143 | 279449 | 5.92% | 0.482% |
| 75 | 18.663 | 2661 | 2665 | 2670 | rVB | 133704 | 190862 | 4.05% | 0.329% |
| 76 | 18.986 | 2717 | 2720 | 2724 | rVB | 213810 | 236807 | 5.02% | 0.409% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.033 | 2725 | 2728 | 2732 | rVV2 | 347920 | 484060 | 10.26% | 0.836% |
| 78 | 19.080 | 2732 | 2736 | 2739 | rVB | 349836 | 461270 | 9.78% | 0.796% |
| 79 | 19.227 | 2752 | 2761 | 2767 | rBV | 2156515 | 3601434 | 76.35% | 6.217% |
| 80 | 19.304 | 2771 | 2774 | 2775 | rVV3 | 214136 | 262795 | 5.57% | 0.454% |
| 81 | 19.351 | 2779 | 2782 | 2791 | rVV4 | 584712 | 1061115 | 22.50% | 1.832% |
| 82 | 19.422 | 2791 | 2794 | 2799 | rVB4 | 116481 | 184195 | 3.90% | 0.318% |
| 83 | 19.575 | 2815 | 2820 | 2823 | rBV2 | 1721483 | 2680247 | 56.82% | 4.627% |
| 84 | 19.604 | 2823 | 2825 | 2830 | rVB | 1446121 | 1783012 | 37.80% | 3.078% |
| 85 | 19.822 | 2860 | 2862 | 2868 | rVB | 149183 | 208119 | 4.41% | 0.359% |
| 86 | 20.133 | 2912 | 2915 | 2918 | rVB2 | 278589 | 300254 | 6.37% | 0.518% |
| 87 | 20.227 | 2927 | 2931 | 2936 | rBV | 167181 | 257239 | 5.45% | 0.444% |
| 88 | 20.486 | 2971 | 2975 | 2979 | rBV2 | 281516 | 417230 | 8.85% | 0.720% |
| 89 | 20.645 | 2999 | 3002 | 3007 | rVB | 351892 | 523245 | 11.09% | 0.903% |
| 90 | 21.180 | 3089 | 3093 | 3102 | rVB4 | 999586 | 1630629 | 34.57% | 2.815% |
| 91 | 21.410 | 3129 | 3132 | 3139 | rVB | 755474 | 1106495 | 23.46% | 1.910% |
| 92 | 21.527 | 3145 | 3152 | 3157 | rBV3 | 2107931 | 4716913 | 100.00% | 8.143% |
| 93 | 21.574 | 3158 | 3160 | 3168 | rVB | 978540 | 1367817 | 29.00% | 2.361% |
| 94 | 22.345 | 3287 | 3291 | 3294 | rBV | 506092 | 836864 | 17.74% | 1.445% |
| 95 | 22.386 | 3295 | 3298 | 3311 | rVB2 | 862227 | 1790661 | 37.96% | 3.091% |
| 96 | 23.774 | 3529 | 3534 | 3541 | rBV | 473703 | 1212803 | 25.71% | 2.094% |
| 97 | 23.963 | 3560 | 3566 | 3575 | rBV2 | 1037573 | 2704920 | 57.35% | 4.669% |
| 98 | 24.592 | 3667 | 3673 | 3679 | rBV | 647719 | 1392422 | 29.52% | 2.404% |
| 99 | 24.815 | 3704 | 3711 | 3721 | rVB | 1089744 | 3332697 | 70.65% | 5.753% |
| 100 | 25.962 | 3900 | 3906 | 3907 | rBV | 694509 | 1069190 | 22.67% | 1.846% |

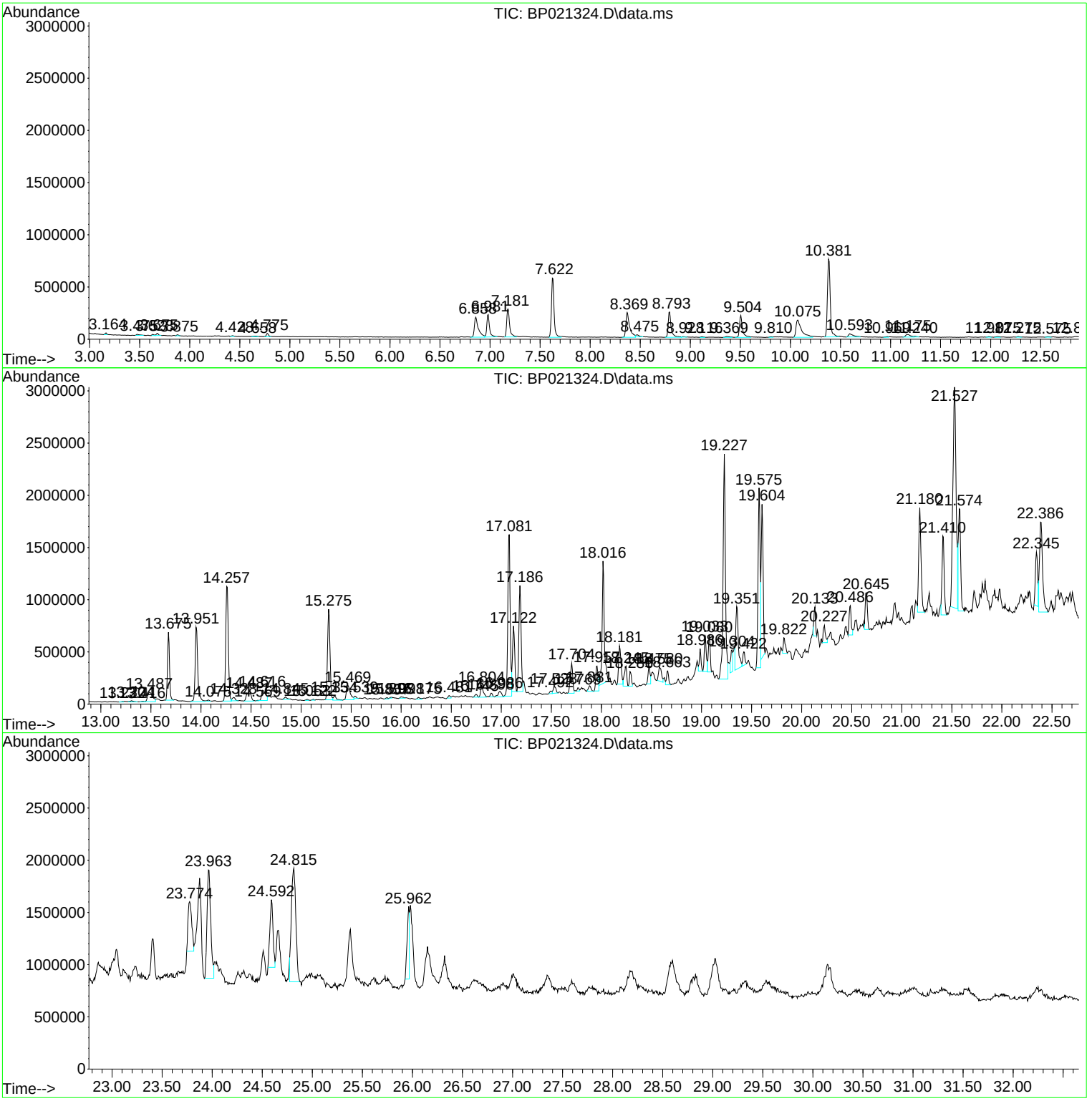
Sum of corrected areas: 57929382

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

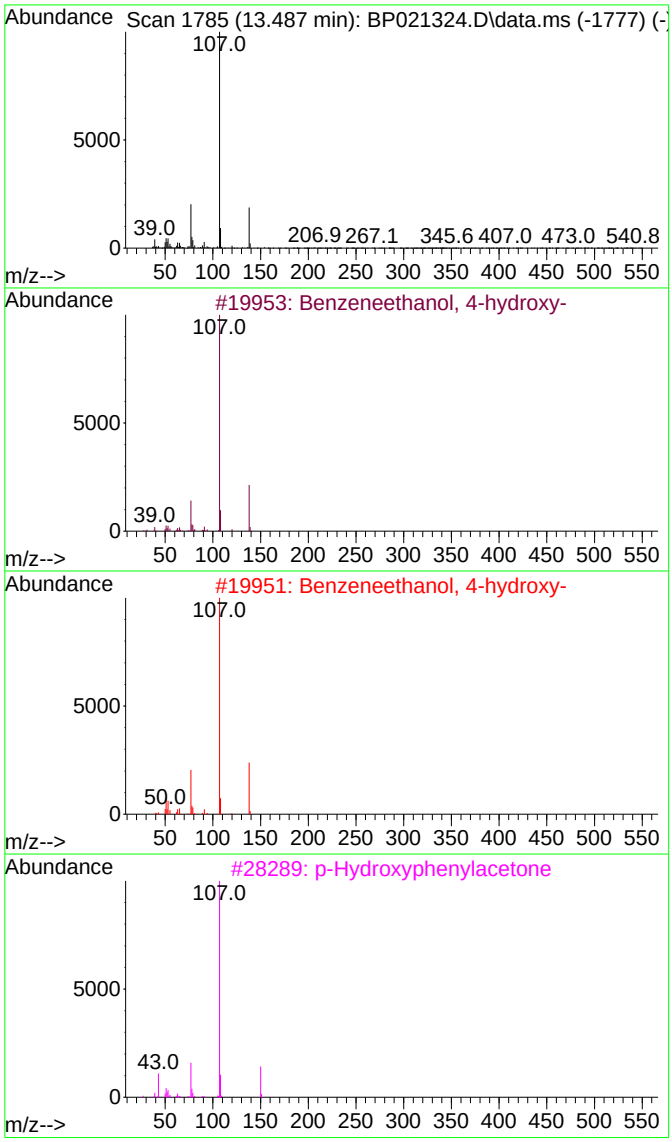
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

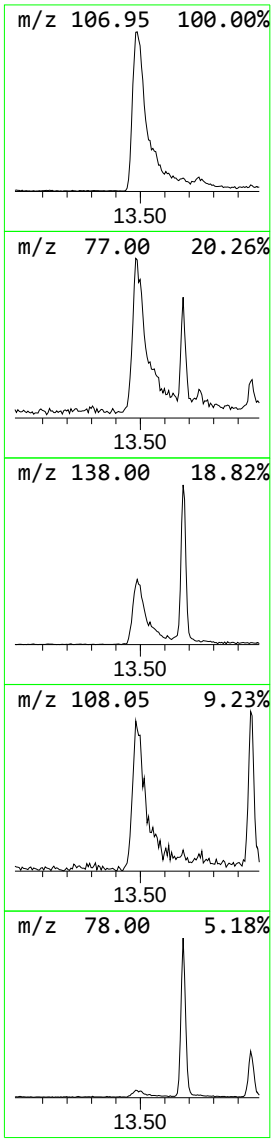
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzeneethanol, 4-hydroxy- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.487 | 3.15 ng/ul | 303489 | Acenaphthene-d10 | 14.257 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneethanol, 4-hydroxy- | 138 | C8H10O2 | 000501-94-0 | 91 |
| 2 | Benzeneethanol, 4-hydroxy- | 138 | C8H10O2 | 000501-94-0 | 87 |
| 3 | p-Hydroxyphenylacetone | 150 | C9H10O2 | 000770-39-8 | 80 |
| 4 | Benzeneethanol, 4-hydroxy- | 138 | C8H10O2 | 000501-94-0 | 80 |
| 5 | Benzeneacetic acid, 4-hydroxy- | 152 | C8H8O3 | 000156-38-7 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

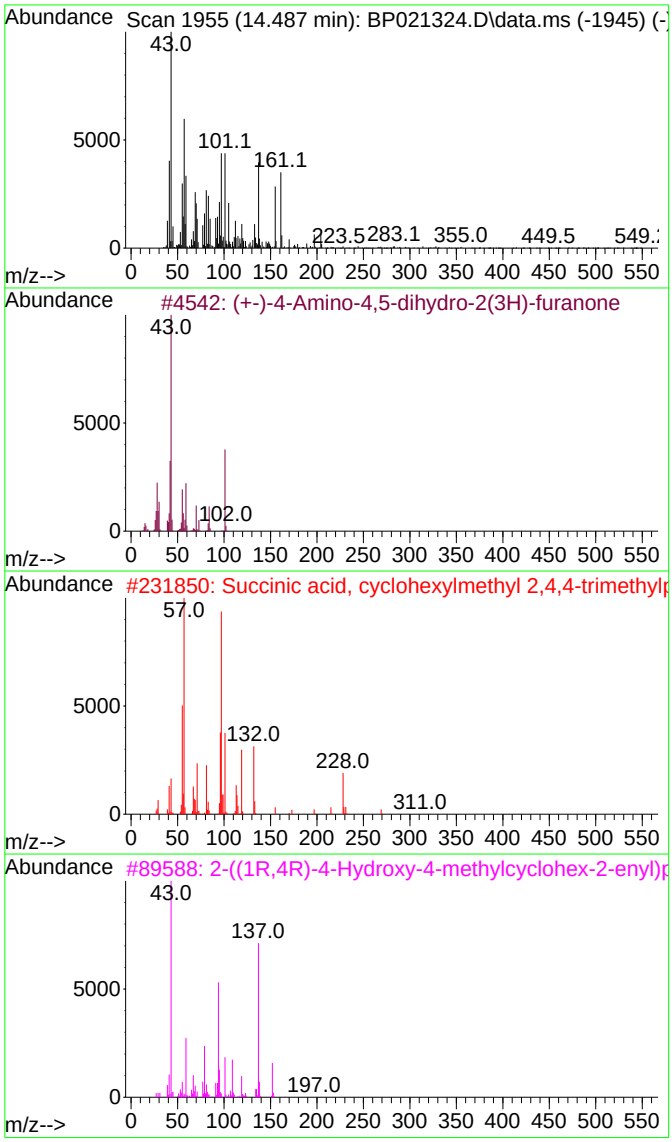
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

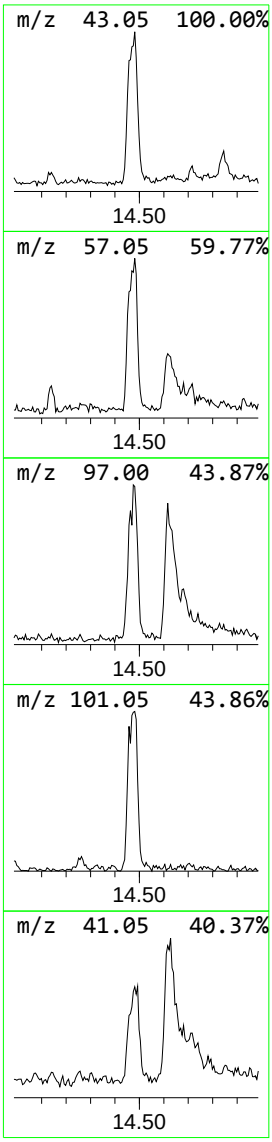
**********

Peak Number 2 unknown-01 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.487 | 2.93 ng/ul | 282542 | Acenaphthene-d10 | 14.257 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 10 |
| 2 | Succinic acid, cyclohexylmethyl ... | 326 | C19H34O4 | 1000389-54-5 | 10 |
| 3 | 2-((1R,4R)-4-Hydroxy-4-methylcyc... | 212 | C12H20O3 | 121958-61-0 | 10 |
| 4 | Dodecane, 1-bromo- | 248 | C12H25Br | 000143-15-7 | 9 |
| 5 | Tridecane, 1-bromo- | 262 | C13H27Br | 000765-09-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

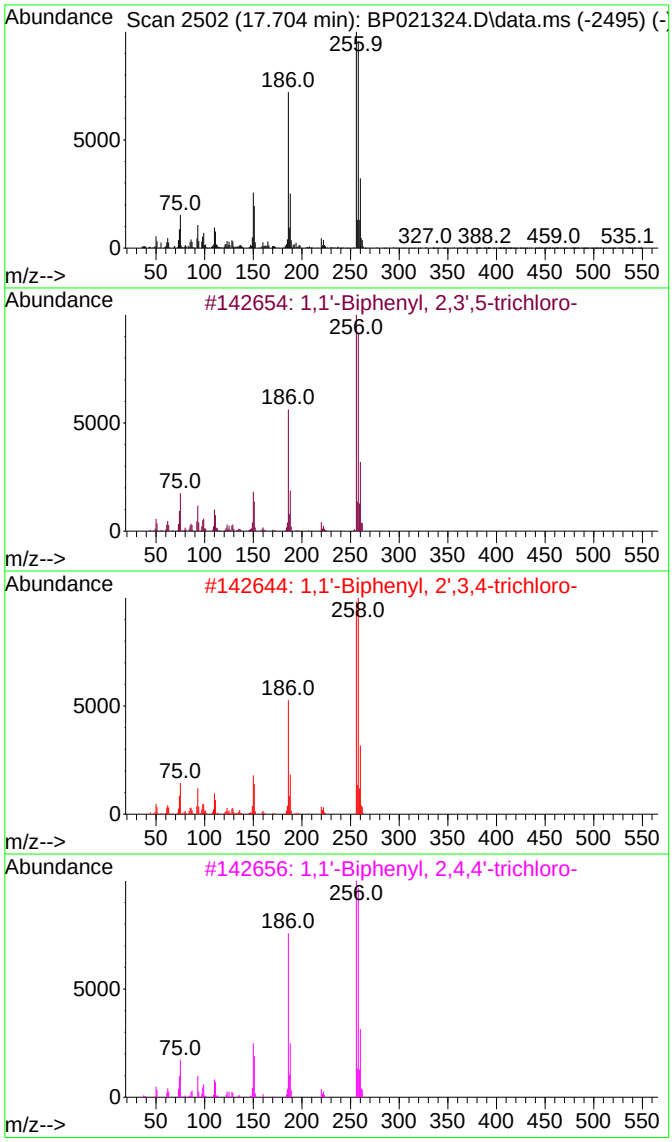
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

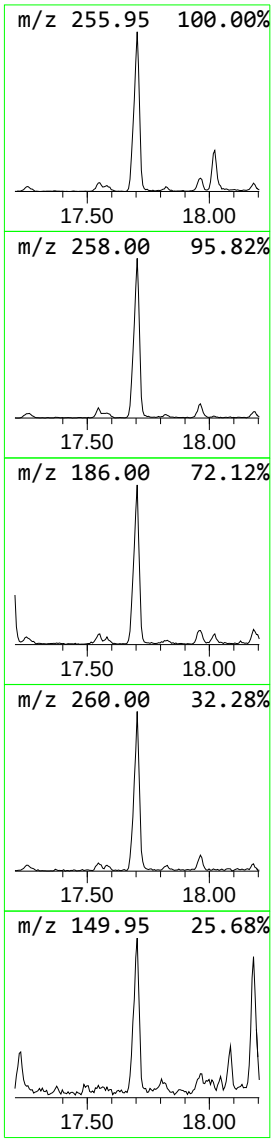
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.704 | 3.77 ng/ul | 481738 | Phenanthrene-d10 | 17.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3',5-trichloro- | 256 | C12H7Cl3 | 038444-81-4 | 99 |
| 2 | 1,1'-Biphenyl, 2',3,4-trichloro- | 256 | C12H7Cl3 | 038444-86-9 | 99 |
| 3 | 1,1'-Biphenyl, 2,4,4'-trichloro- | 256 | C12H7Cl3 | 007012-37-5 | 99 |
| 4 | 1,1'-Biphenyl, 2,4',5-trichloro- | 256 | C12H7Cl3 | 016606-02-3 | 99 |
| 5 | 1,1'-Biphenyl, 3,4',5-trichloro- | 256 | C12H7Cl3 | 038444-88-1 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

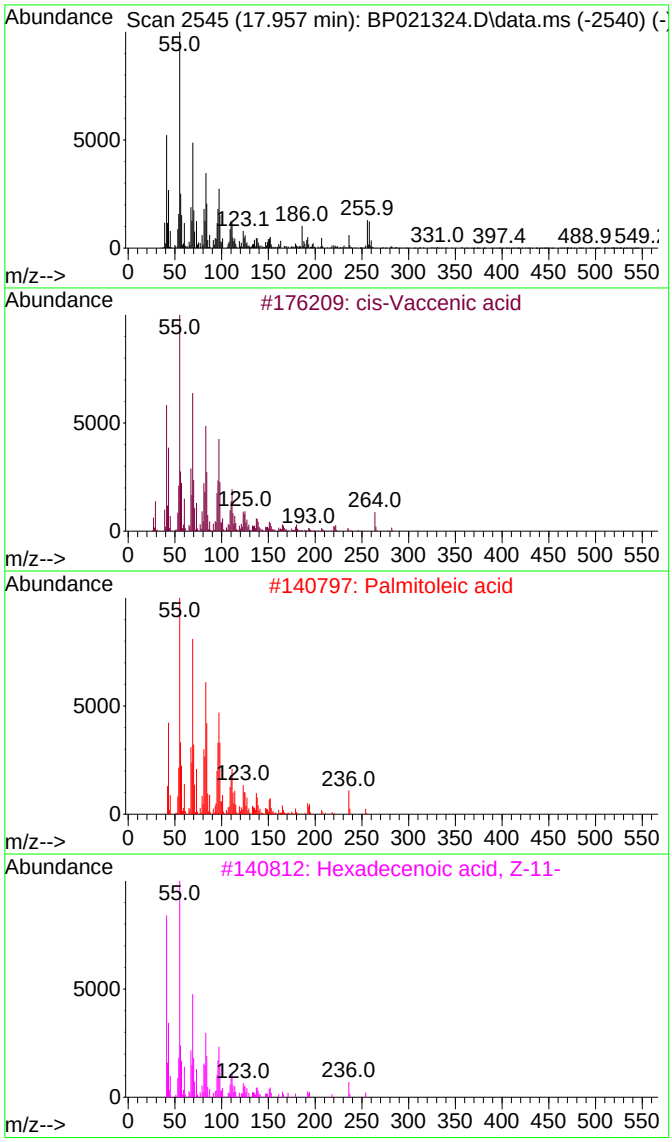
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

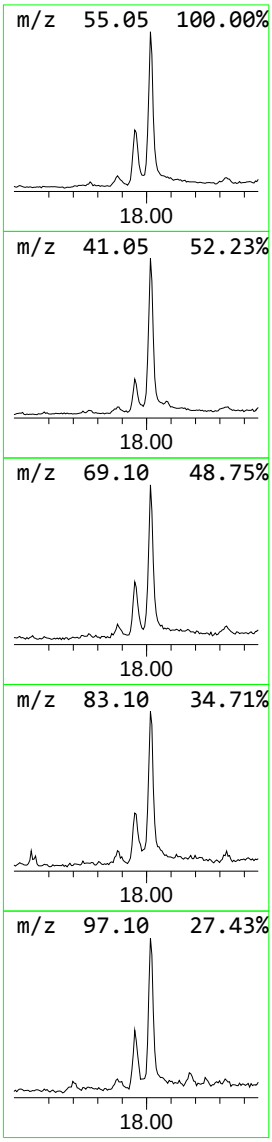
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 cis-Vaccenic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.957 | 3.22 ng/ul | 411908 | Phenanthrene-d10 | 17.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-Vaccenic acid | 282 | C18H34O2 | 000506-17-2 | 97 |
| 2 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 96 |
| 3 | Hexadecenoic acid, Z-11- | 254 | C16H30O2 | 002416-20-8 | 96 |
| 4 | trans-13-Octadecenoic acid | 282 | C18H34O2 | 000693-71-0 | 90 |
| 5 | Erucic acid | 338 | C22H42O2 | 000112-86-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

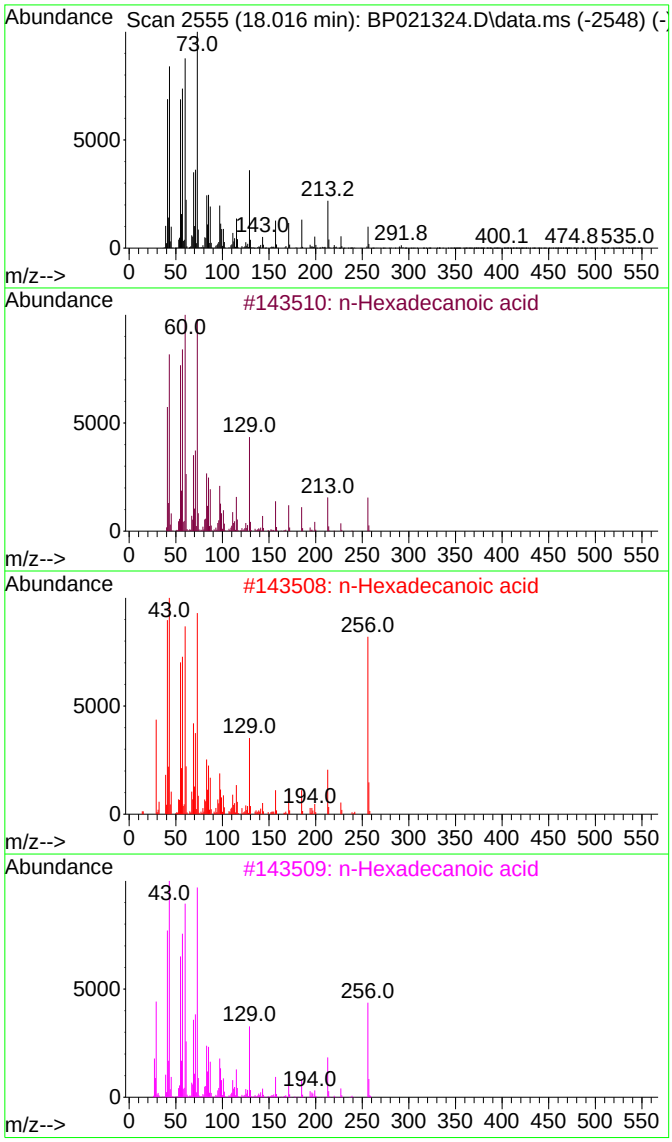
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

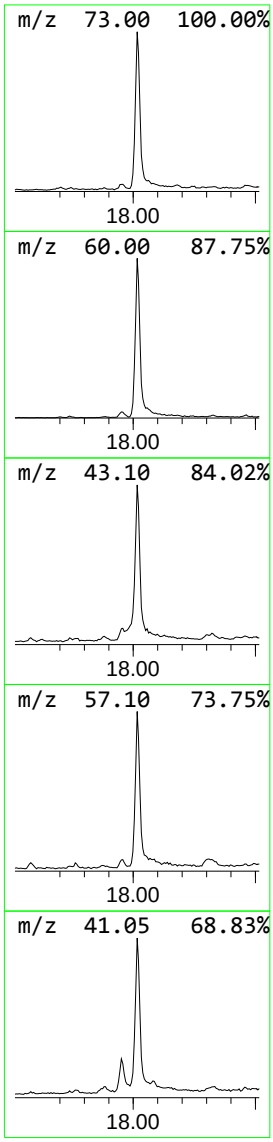
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.016 | 14.55 ng/ul | 1859900 | Phenanthrene-d10 | 17.081 |

| 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 | 98 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

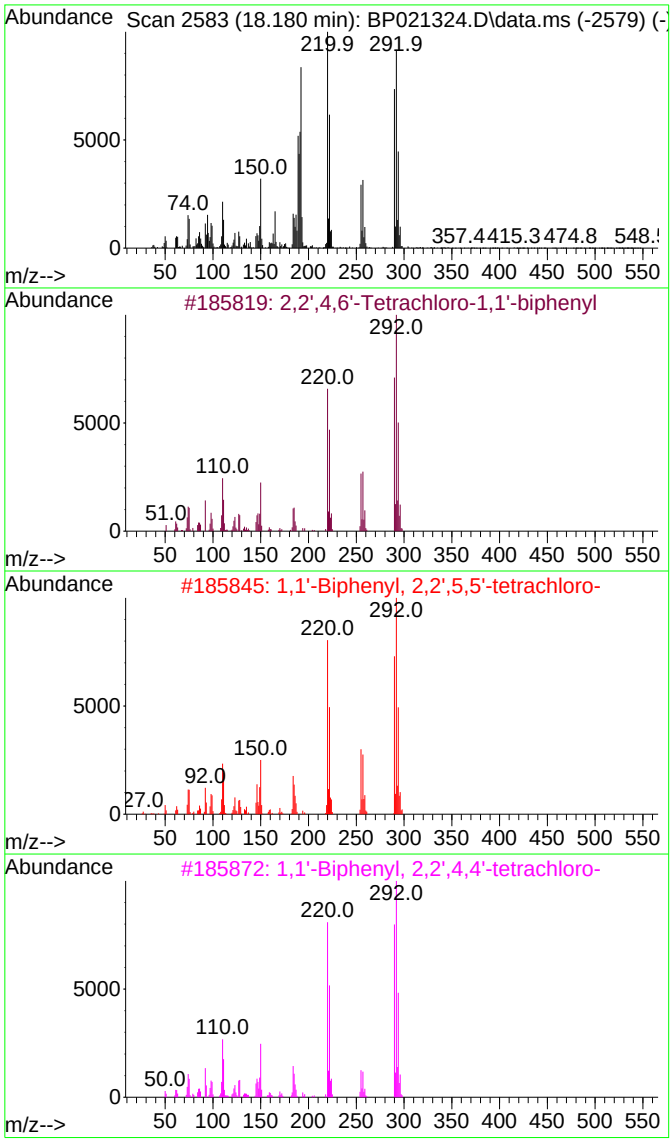
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

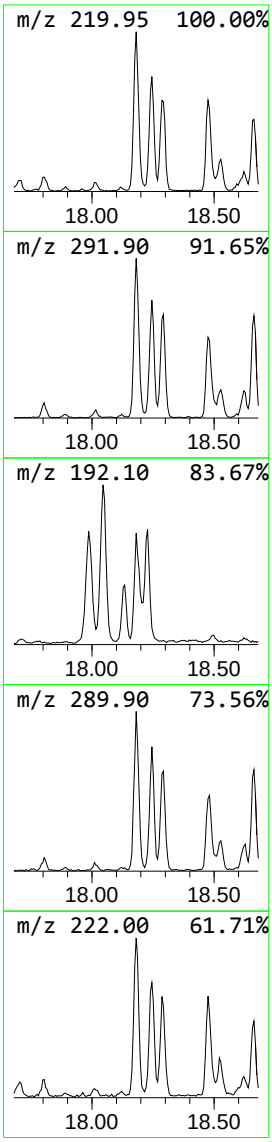
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.180 | 4.77 ng/ul | 610023 | Phenanthrene-d10 | 17.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2',4,6'-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 068194-04-7 | 98 |
| 2 | 1,1'-Biphenyl, 2,2',5,5'-tetrach... | 290 | C12H6Cl4 | 035693-99-3 | 97 |
| 3 | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4 | 002437-79-8 | 97 |
| 4 | 1,1'-Biphenyl, 2,2',4,6-Tetrachl... | 290 | C12H6Cl4 | 062796-65-0 | 97 |
| 5 | 2,2',4,5-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 070362-47-9 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

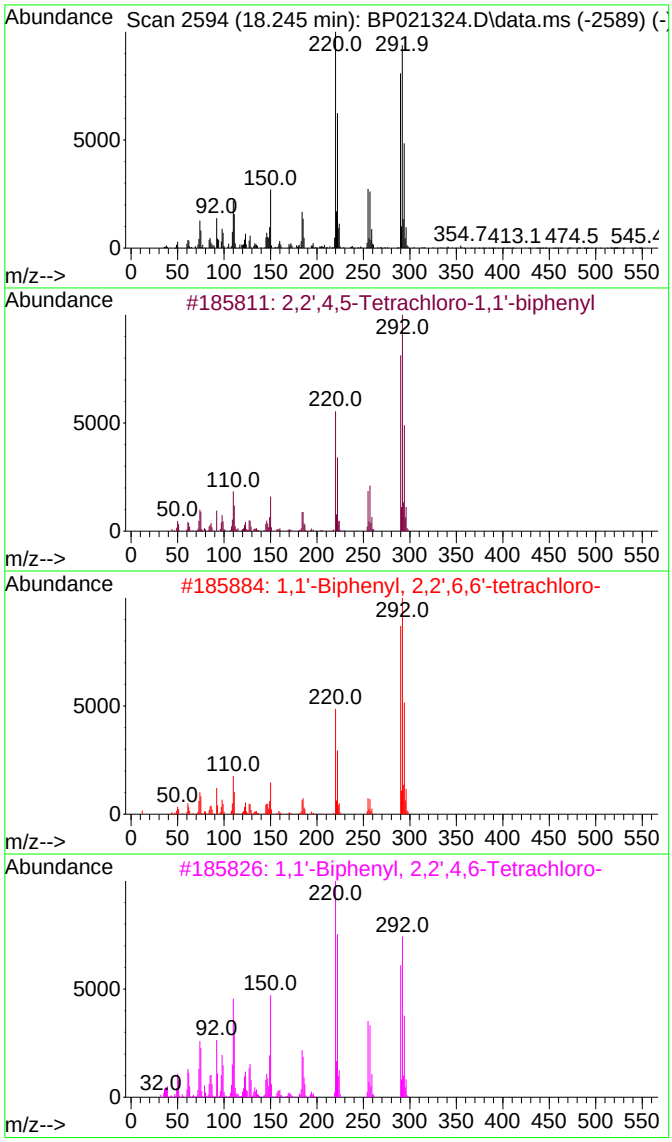
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

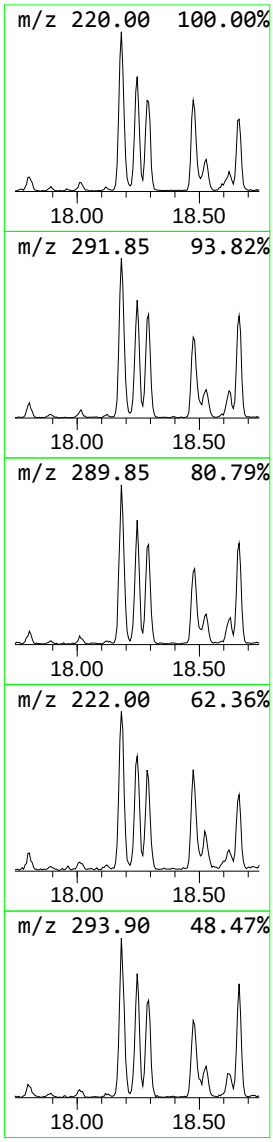
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.245 | 2.46 ng/ul | 314822 | Phenanthrene-d10 | 17.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2',4,5-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 070362-47-9 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',6,6'-tetrach... | 290 | C12H6Cl4 | 015968-05-5 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',4,6-Tetrachl... | 290 | C12H6Cl4 | 062796-65-0 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4 | 002437-79-8 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,5'-tetrach... | 290 | C12H6Cl4 | 041464-39-5 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

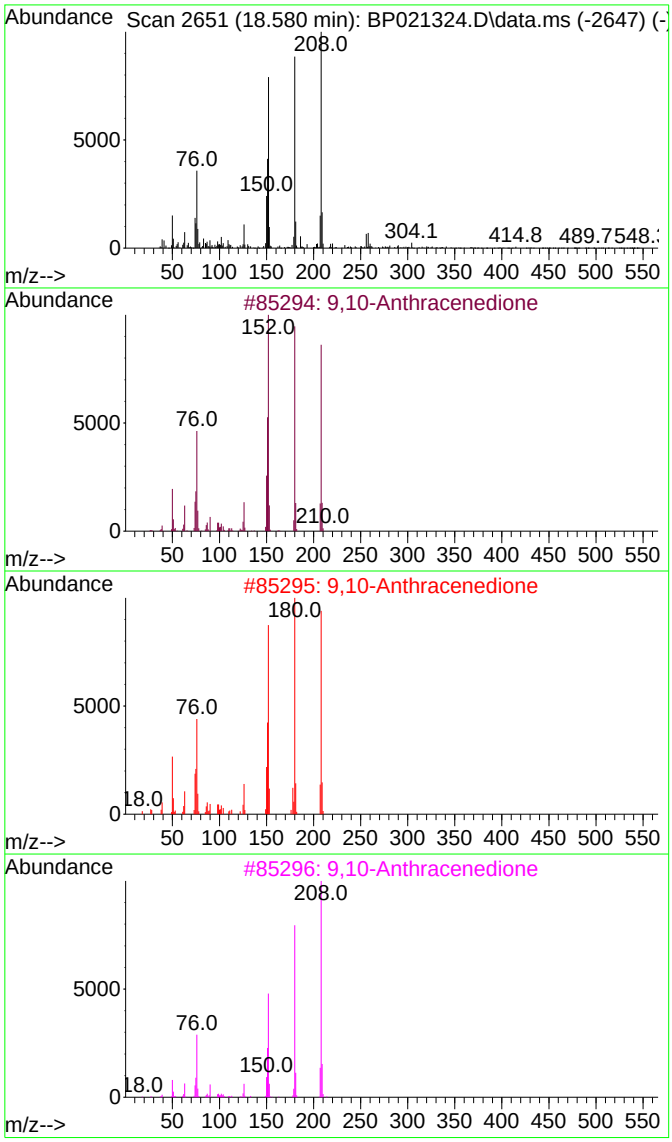
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

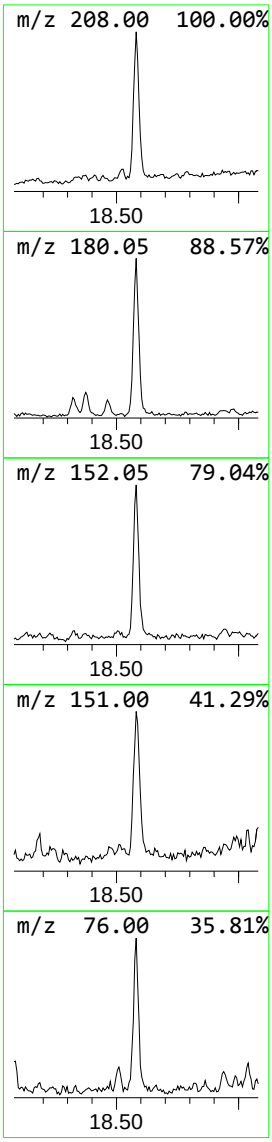
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 9,10-Anthracenedione Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.581 | 2.19 ng/ul | 279449 | Phenanthrene-d10 | 17.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 89 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 87 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

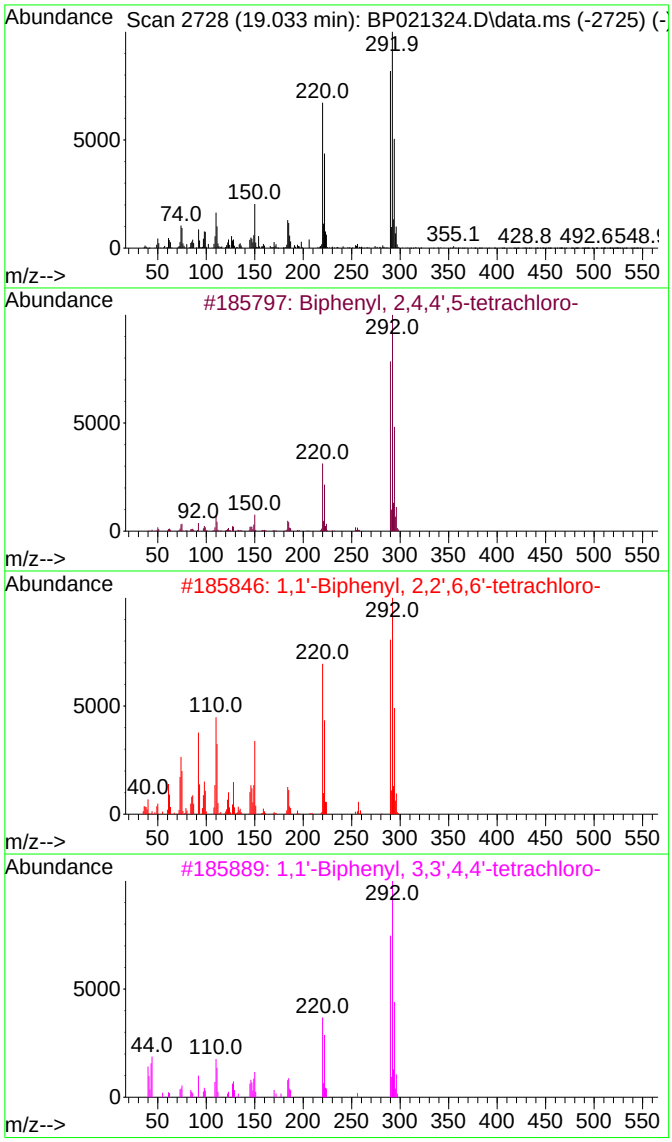
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

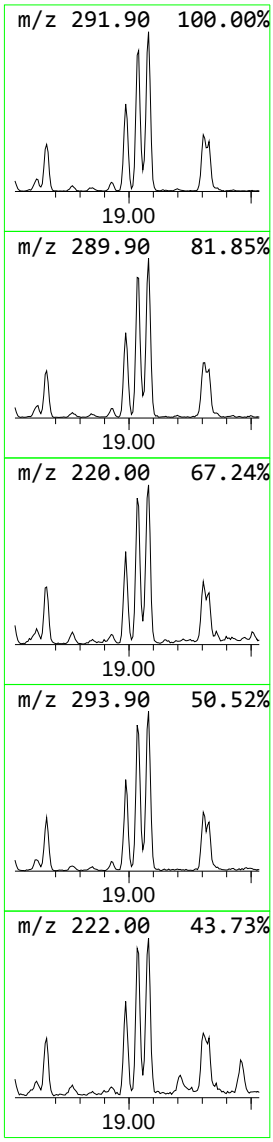
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.033 | 3.79 ng/ul | 484060 | Phenanthrene-d10 | 17.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Biphenyl, 2,4,4',5-tetrachloro- | 290 | C12H6Cl4 | 032690-93-0 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',6,6'-tetrach... | 290 | C12H6Cl4 | 015968-05-5 | 98 |
| 3 | 1,1'-Biphenyl, 3,3',4,4'-tetrach... | 290 | C12H6Cl4 | 032598-13-3 | 97 |
| 4 | 2,2',4,5-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 070362-47-9 | 96 |
| 5 | 1,1'-Biphenyl, 2,2',6,6'-tetrach... | 290 | C12H6Cl4 | 015968-05-5 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

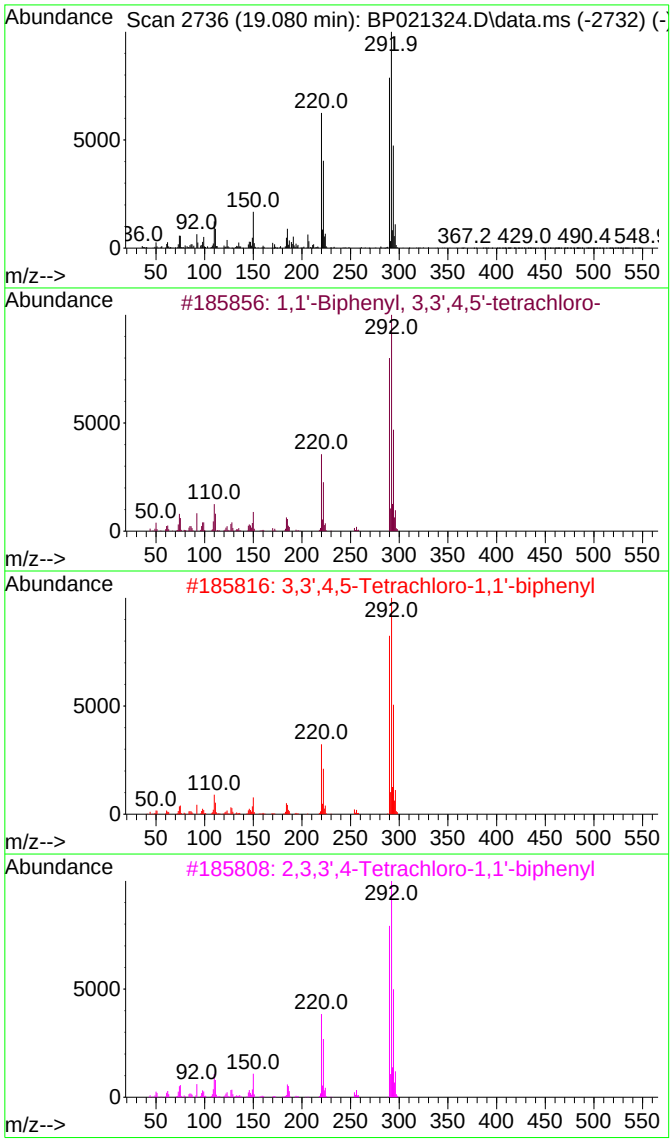
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

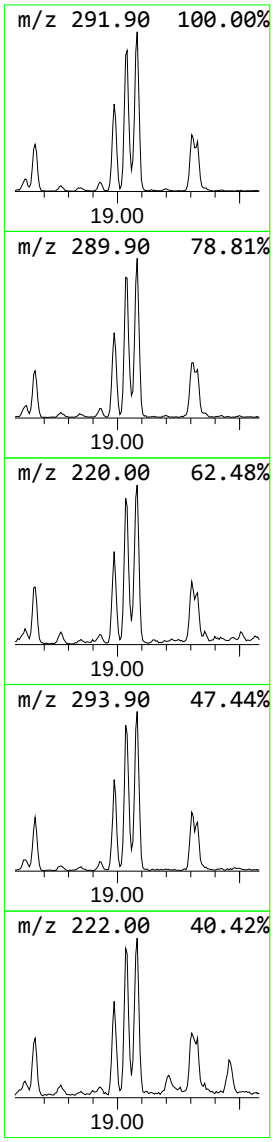
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 1,1'-Biphenyl, 3,3',4,5'-te... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.081 | 3.61 ng/ul | 461270 | Phenanthrene-d10 | 17.081 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 3,3',4,5'-tetrach... | 290 | C12H6Cl4 | 041464-48-6 | 95 |
| 2 | 3,3',4,5-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 070362-49-1 | 95 |
| 3 | 2,3,3',4-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 074338-24-2 | 95 |
| 4 | 1,1'-Biphenyl, 3,3',5,5'-tetrach... | 290 | C12H6Cl4 | 033284-52-5 | 95 |
| 5 | 2,3,4,6-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4 | 054230-22-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

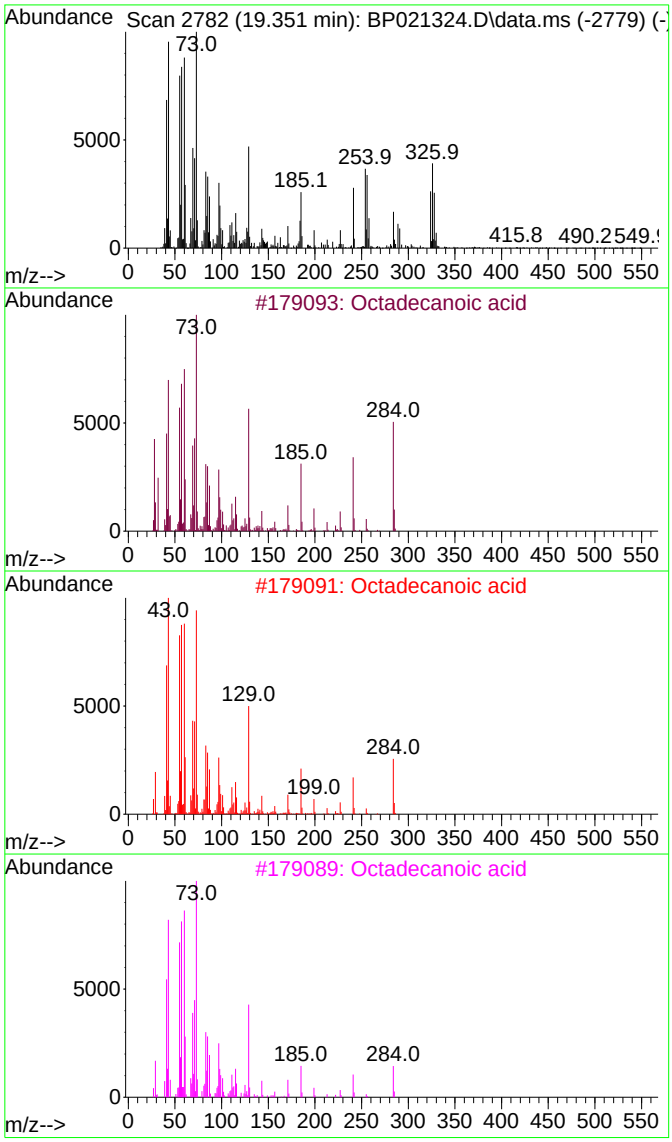
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

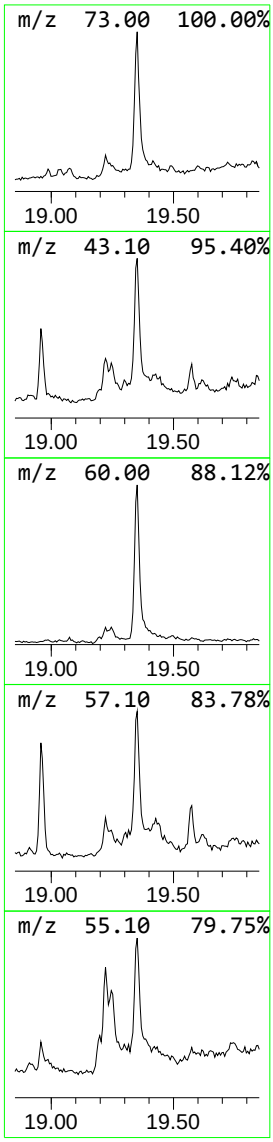
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Octadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.351 | 4.50 ng/ul | 1061120 | Chrysene-d12 | 21.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

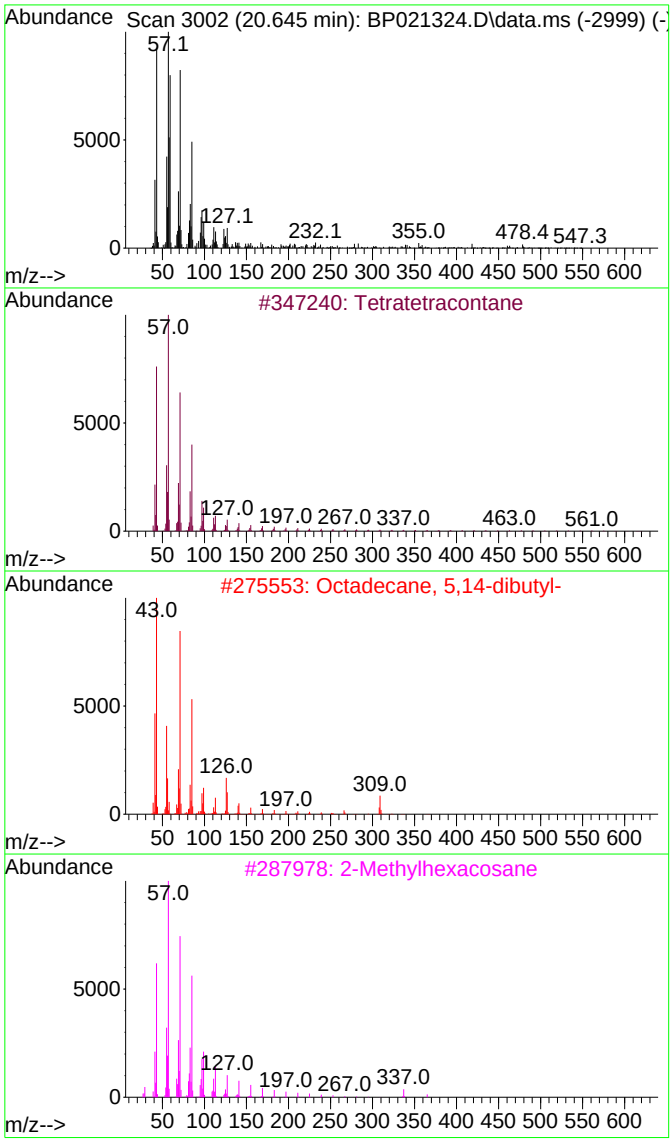
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

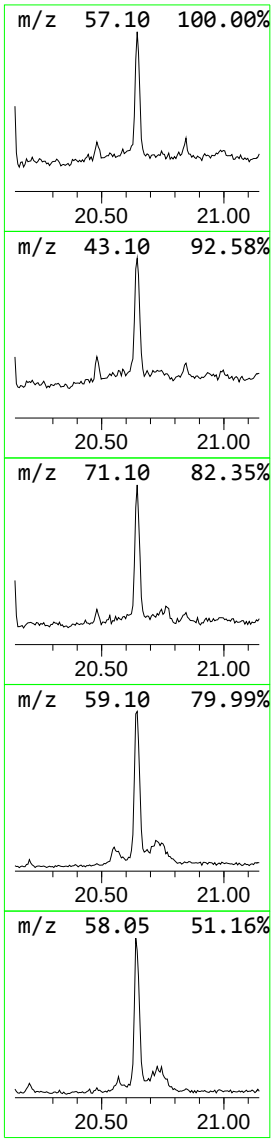
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.645 | 2.22 ng/ul | 523245 | Chrysene-d12 | 21.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 45 |
| 2 | Octadecane, 5,14-dibutyl- | 366 | C26H54 | 055282-13-8 | 45 |
| 3 | 2-Methylhexacosane | 380 | C27H56 | 001561-02-0 | 43 |
| 4 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 43 |
| 5 | Nonadecane, 1-chloro- | 302 | C19H39Cl | 062016-76-6 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

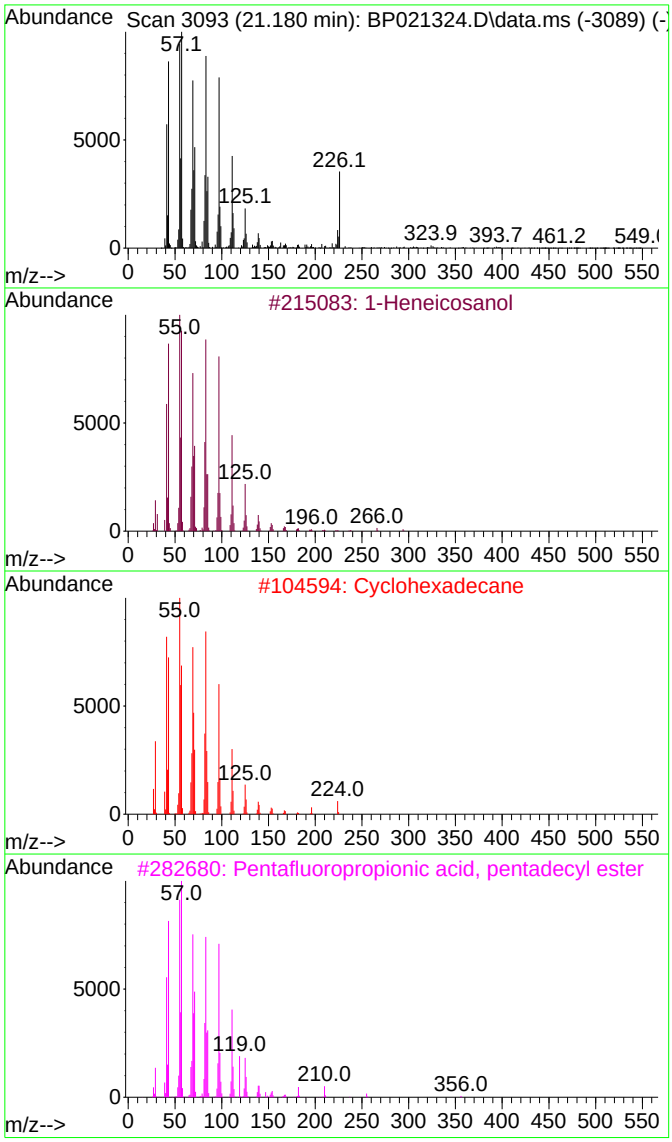
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

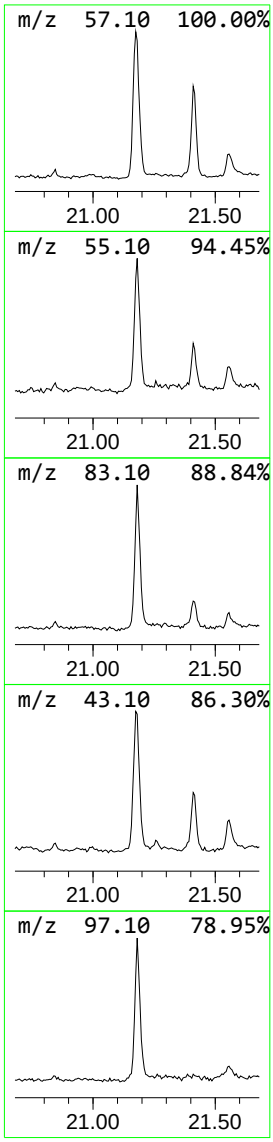
**********

Peak Number 13 1-Heneicosanol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.180 | 6.91 ng/ul | 1630630 | Chrysene-d12 | 21.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 3 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |
| 4 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

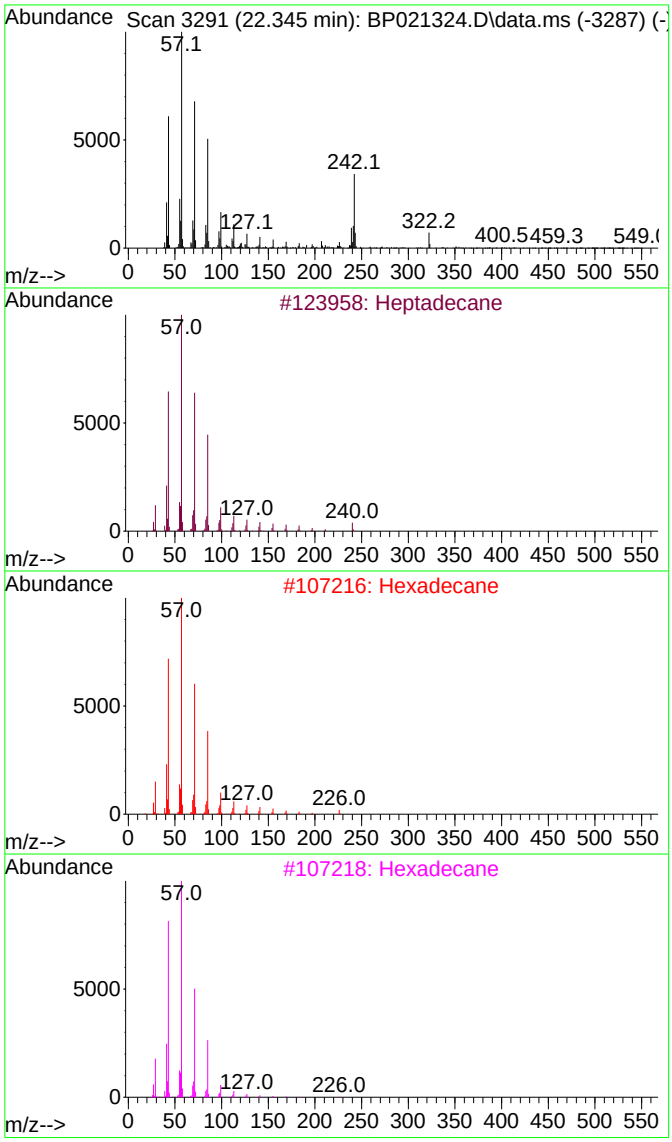
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

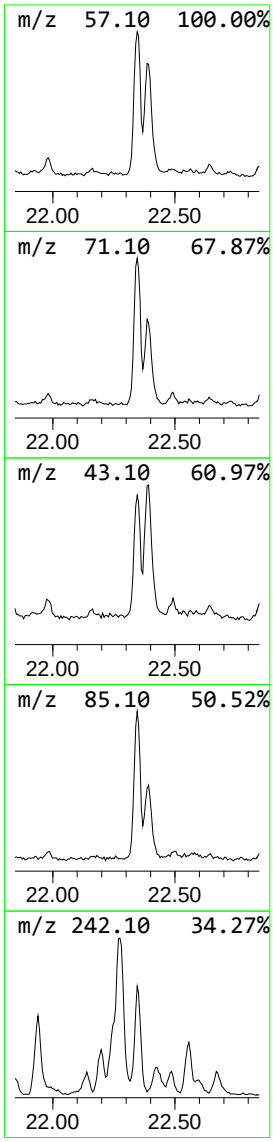
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.345 | 3.55 ng/ul | 836864 | Chrysene-d12 | 21.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 95 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 92 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 92 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

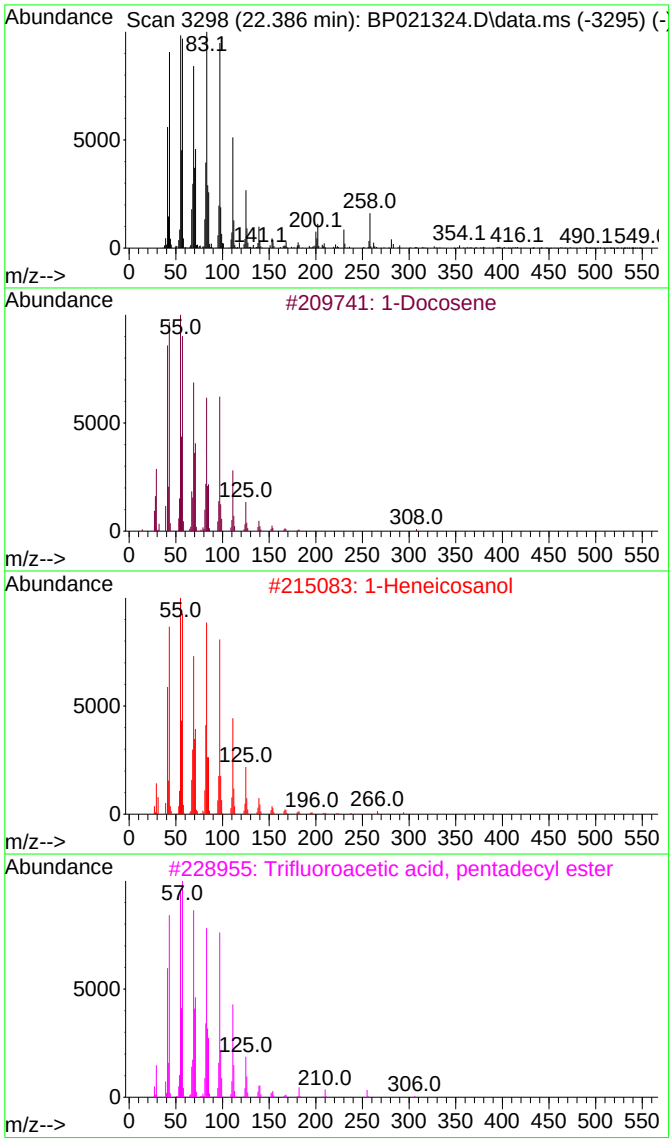
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

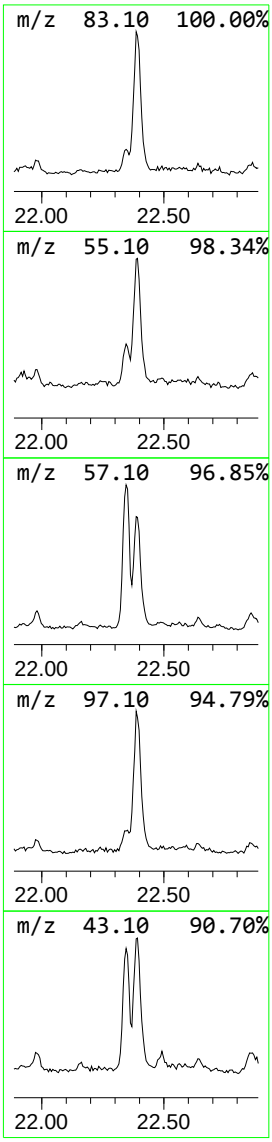
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.386 | 7.59 ng/ul | 1790660 | Chrysene-d12 | 21.527 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 97 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 3 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 5 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

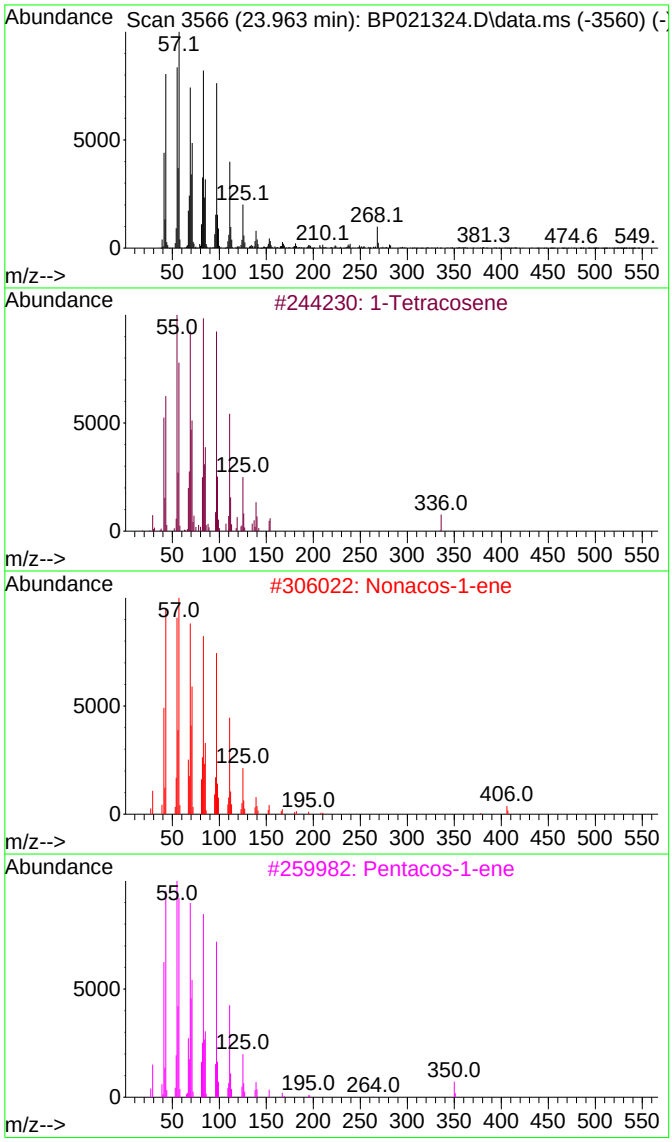
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

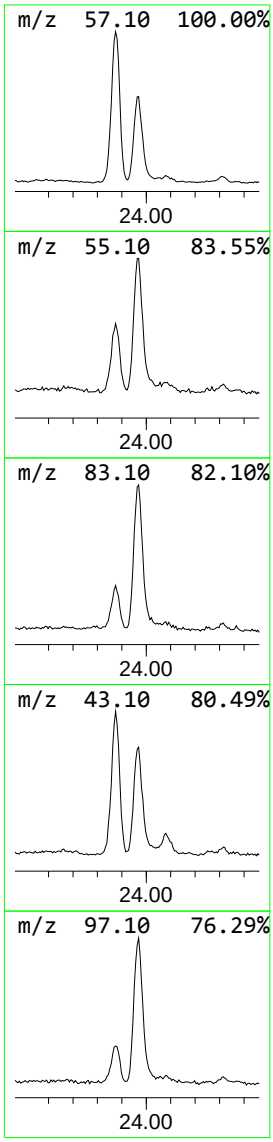
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.963 | 16.23 ng/ul | 2704920 | Perylene-d12 | 24.815 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 94 |
| 2 | Nonacos-1-ene | 406 | C29H58 | 018835-35-3 | 94 |
| 3 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 94 |
| 4 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 94 |
| 5 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

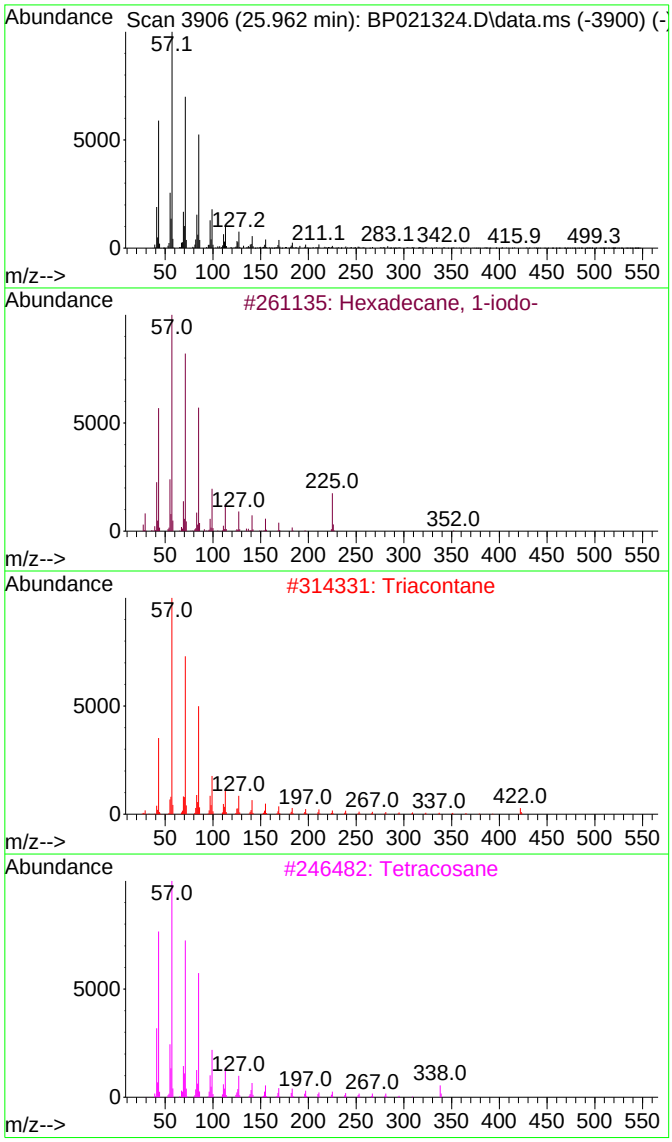
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

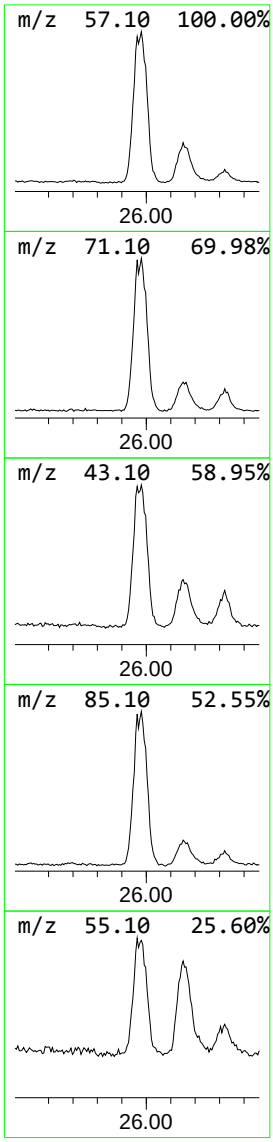
**********

Peak Number 17 Hexadecane, 1-iodo- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.962 | 6.42 ng/ul | 1069190 | Perylene-d12 | 24.815 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 96 |
| 2 | Triacontane | 422 | C30H62 | 000638-68-6 | 94 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 94 |
| 4 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 93 |
| 5 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021324.D
Acq On : 02 Aug 2024 17:04
Operator : CG/JU
Sample : P3265-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4D40

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.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 |
| Benzeneethanol,... | 13.487 | 3.1 | ng/ul | 303489 | 3 | 14.257 | 1927860 | 20.0 |
| unknown-01 | 14.487 | 2.9 | ng/ul | 282542 | 3 | 14.257 | 1927860 | 20.0 |
| 1,1'-Biphenyl, ... | 17.704 | 3.8 | ng/ul | 481738 | 4 | 17.081 | 2555710 | 20.0 |
| cis-Vaccenic acid | 17.957 | 3.2 | ng/ul | 411908 | 4 | 17.081 | 2555710 | 20.0 |
| n-Hexadecanoic ... | 18.016 | 14.6 | ng/ul | 1859900 | 4 | 17.081 | 2555710 | 20.0 |
| 2,2',4,6'-Tetra... | 18.180 | 4.8 | ng/ul | 610023 | 4 | 17.081 | 2555710 | 20.0 |
| 2,2',4,5-Tetrac... | 18.245 | 2.5 | ng/ul | 314822 | 4 | 17.081 | 2555710 | 20.0 |
| 9,10-Anthracene... | 18.581 | 2.2 | ng/ul | 279449 | 4 | 17.081 | 2555710 | 20.0 |
| Biphenyl, 2,4,4... | 19.033 | 3.8 | ng/ul | 484060 | 4 | 17.081 | 2555710 | 20.0 |
| 1,1'-Biphenyl, ... | 19.081 | 3.6 | ng/ul | 461270 | 4 | 17.081 | 2555710 | 20.0 |
| Octadecanoic acid | 19.351 | 4.5 | ng/ul | 1061120 | 5 | 21.527 | 4716910 | 20.0 |
| (DEL) Alkane: S... | 20.645 | 2.2 | ng/ul | 523245 | 5 | 21.527 | 4716910 | 20.0 |
| 1-Heneicosanol | 21.180 | 6.9 | ng/ul | 1630630 | 5 | 21.527 | 4716910 | 20.0 |
| (DEL) Alkane: S... | 22.345 | 3.5 | ng/ul | 836864 | 5 | 21.527 | 4716910 | 20.0 |
| (DEL) Alkane: S... | 22.386 | 7.6 | ng/ul | 1790660 | 5 | 21.527 | 4716910 | 20.0 |
| (DEL) Alkane: S... | 23.963 | 16.2 | ng/ul | 2704920 | 6 | 24.815 | 3332700 | 20.0 |
| Hexadecane, 1-i... | 25.962 | 6.4 | ng/ul | 1069190 | 6 | 24.815 | 3332700 | 20.0 |