LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

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-BP112223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018434.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.269 | 27 | 31 | 38 | rVB | 86230 | 118218 | 1.67% | 0.123% |
| 2 | 3.528 | 71 | 75 | 84 | rVB2 | 85240 | 154654 | 2.18% | 0.161% |
| 3 | 3.687 | 97 | 102 | 112 | rBV | 704775 | 1015923 | 14.35% | 1.057% |
| 4 | 4.022 | 155 | 159 | 167 | rVB2 | 44815 | 69751 | 0.98% | 0.073% |
| 5 | 4.987 | 320 | 323 | 328 | rVV | 48434 | 69417 | 0.98% | 0.072% |
| 6 | 5.040 | 328 | 332 | 337 | rVV | 50792 | 79792 | 1.13% | 0.083% |
| 7 | 5.205 | 355 | 360 | 365 | rVB | 51949 | 72559 | 1.02% | 0.075% |
| 8 | 5.869 | 466 | 473 | 478 | rVV2 | 109746 | 177653 | 2.51% | 0.185% |
| 9 | 6.128 | 508 | 517 | 524 | rBV4 | 32798 | 74977 | 1.06% | 0.078% |
| 10 | 6.346 | 548 | 554 | 561 | rVB5 | 35373 | 75531 | 1.07% | 0.079% |
| 11 | 6.493 | 570 | 579 | 582 | rVV2 | 46649 | 102424 | 1.45% | 0.107% |
| 12 | 6.522 | 582 | 584 | 591 | rVB2 | 55501 | 80240 | 1.13% | 0.083% |
| 13 | 6.757 | 616 | 624 | 628 | rVV5 | 43930 | 99010 | 1.40% | 0.103% |
| 14 | 6.840 | 628 | 638 | 644 | rVV7 | 48567 | 139047 | 1.96% | 0.145% |
| 15 | 6.904 | 646 | 649 | 653 | rVV4 | 40560 | 75934 | 1.07% | 0.079% |
| 16 | 7.022 | 660 | 669 | 676 | rVV | 1275667 | 2102063 | 29.68% | 2.187% |
| 17 | 7.193 | 691 | 698 | 704 | rBV | 1139331 | 1739776 | 24.57% | 1.810% |
| 18 | 7.387 | 724 | 731 | 740 | rVV | 1316427 | 2103352 | 29.70% | 2.188% |
| 19 | 7.487 | 740 | 748 | 756 | rVB4 | 127024 | 280808 | 3.97% | 0.292% |
| 20 | 7.857 | 803 | 811 | 819 | rVV | 1639771 | 2669124 | 37.69% | 2.776% |
| 21 | 8.522 | 916 | 924 | 926 | rBV4 | 32479 | 66089 | 0.93% | 0.069% |
| 22 | 8.563 | 926 | 931 | 939 | rVV | 1595237 | 2497570 | 35.27% | 2.598% |
| 23 | 9.016 | 1002 | 1008 | 1016 | rBV | 1236493 | 1922044 | 27.14% | 1.999% |
| 24 | 9.093 | 1016 | 1021 | 1031 | rVB | 193798 | 306328 | 4.33% | 0.319% |
| 25 | 9.451 | 1072 | 1082 | 1087 | rVV9 | 27748 | 84554 | 1.19% | 0.088% |
| 26 | 9.740 | 1121 | 1131 | 1137 | rBV | 830582 | 1397864 | 19.74% | 1.454% |
| 27 | 10.093 | 1182 | 1191 | 1195 | rBV5 | 41255 | 83274 | 1.18% | 0.087% |
| 28 | 10.275 | 1213 | 1222 | 1231 | rVB | 1609616 | 2672692 | 37.74% | 2.780% |
| 29 | 10.651 | 1277 | 1286 | 1292 | rVV | 2199899 | 4022435 | 56.80% | 4.184% |
| 30 | 10.704 | 1292 | 1295 | 1301 | rVV | 151673 | 236593 | 3.34% | 0.246% |
| 31 | 10.793 | 1302 | 1310 | 1323 | rVV | 1389332 | 2454789 | 34.66% | 2.553% |
| 32 | 11.581 | 1436 | 1444 | 1452 | rVV4 | 41716 | 83926 | 1.19% | 0.087% |
| 33 | 11.692 | 1457 | 1463 | 1469 | rBV | 233737 | 353825 | 5.00% | 0.368% |
| 34 | 12.087 | 1524 | 1530 | 1537 | rBV | 312472 | 454229 | 6.41% | 0.472% |
| 35 | 12.239 | 1549 | 1556 | 1562 | rVV3 | 37073 | 84322 | 1.19% | 0.088% |
| 36 | 12.316 | 1562 | 1569 | 1577 | rVB | 313235 | 501495 | 7.08% | 0.522% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

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-BP112223.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.534 | 1600 | 1606 | 1612 | rVV | 244611 | 369955 | 5.22% | 0.385% |
| 38 | 12.775 | 1641 | 1647 | 1652 | rVB5 | 37862 | 73505 | 1.04% | 0.076% |
| 39 | 12.898 | 1664 | 1668 | 1672 | rVV | 52976 | 83742 | 1.18% | 0.087% |
| 40 | 13.039 | 1688 | 1692 | 1697 | rVV | 156396 | 215841 | 3.05% | 0.225% |
| 41 | 13.328 | 1734 | 1741 | 1746 | rBV | 455518 | 622069 | 8.78% | 0.647% |
| 42 | 13.398 | 1748 | 1753 | 1760 | rVB | 82118 | 141354 | 2.00% | 0.147% |
| 43 | 13.651 | 1791 | 1796 | 1797 | rBV | 96353 | 117464 | 1.66% | 0.122% |
| 44 | 13.810 | 1818 | 1823 | 1828 | rVV | 179437 | 309553 | 4.37% | 0.322% |
| 45 | 13.869 | 1828 | 1833 | 1835 | rVV | 165283 | 262348 | 3.70% | 0.273% |
| 46 | 13.904 | 1835 | 1839 | 1846 | rVV | 2825180 | 3915812 | 55.29% | 4.073% |
| 47 | 13.986 | 1848 | 1853 | 1857 | rVV | 258751 | 374092 | 5.28% | 0.389% |
| 48 | 14.051 | 1857 | 1864 | 1867 | rVV2 | 106663 | 219689 | 3.10% | 0.229% |
| 49 | 14.186 | 1876 | 1887 | 1898 | rBV | 3344990 | 5093946 | 71.93% | 5.299% |
| 50 | 14.398 | 1919 | 1923 | 1929 | rVB | 402464 | 501436 | 7.08% | 0.522% |
| 51 | 14.492 | 1929 | 1939 | 1945 | rBV | 2989477 | 4748911 | 67.06% | 4.940% |
| 52 | 14.581 | 1950 | 1954 | 1958 | rVB | 46992 | 67589 | 0.95% | 0.070% |
| 53 | 14.681 | 1965 | 1971 | 1981 | rBV | 654461 | 1070296 | 15.11% | 1.113% |
| 54 | 14.892 | 2002 | 2007 | 2014 | rVV | 193858 | 346890 | 4.90% | 0.361% |
| 55 | 14.963 | 2014 | 2019 | 2023 | rVV | 62440 | 95596 | 1.35% | 0.099% |
| 56 | 15.022 | 2025 | 2029 | 2036 | rVB5 | 65538 | 109892 | 1.55% | 0.114% |
| 57 | 15.110 | 2036 | 2044 | 2048 | rBV3 | 55812 | 124996 | 1.77% | 0.130% |
| 58 | 15.163 | 2048 | 2053 | 2057 | rVB | 70407 | 98136 | 1.39% | 0.102% |
| 59 | 15.281 | 2067 | 2073 | 2077 | rBV3 | 109988 | 172013 | 2.43% | 0.179% |
| 60 | 15.351 | 2081 | 2085 | 2090 | rVB | 372040 | 445792 | 6.29% | 0.464% |
| 61 | 15.480 | 2101 | 2107 | 2113 | rVV | 3998068 | 5975308 | 84.37% | 6.215% |
| 62 | 15.528 | 2113 | 2115 | 2120 | rVB | 84032 | 98133 | 1.39% | 0.102% |
| 63 | 15.598 | 2120 | 2127 | 2135 | rBV | 528840 | 785411 | 11.09% | 0.817% |
| 64 | 15.757 | 2150 | 2154 | 2159 | rVV | 133788 | 190371 | 2.69% | 0.198% |
| 65 | 15.833 | 2159 | 2167 | 2174 | rVB | 201839 | 321944 | 4.55% | 0.335% |
| 66 | 15.980 | 2187 | 2192 | 2200 | rVB | 166550 | 338981 | 4.79% | 0.353% |
| 67 | 16.069 | 2200 | 2207 | 2213 | rVB2 | 73609 | 128347 | 1.81% | 0.134% |
| 68 | 16.222 | 2227 | 2233 | 2234 | rBV | 391191 | 513531 | 7.25% | 0.534% |
| 69 | 16.239 | 2234 | 2236 | 2242 | rVB | 437167 | 556989 | 7.87% | 0.579% |
| 70 | 16.780 | 2323 | 2328 | 2332 | rBV3 | 74517 | 130566 | 1.84% | 0.136% |
| 71 | 16.892 | 2343 | 2347 | 2355 | rVB4 | 71679 | 139282 | 1.97% | 0.145% |
| 72 | 16.975 | 2356 | 2361 | 2364 | rBV2 | 75357 | 130527 | 1.84% | 0.136% |
| 73 | 17.016 | 2364 | 2368 | 2373 | rVV | 370872 | 473545 | 6.69% | 0.493% |
| 74 | 17.069 | 2373 | 2377 | 2384 | rVB4 | 79443 | 129645 | 1.83% | 0.135% |
| 75 | 17.245 | 2400 | 2407 | 2411 | rBV | 3010490 | 4387559 | 61.95% | 4.564% |
| 76 | 17.286 | 2411 | 2414 | 2418 | rVV | 435936 | 562870 | 7.95% | 0.585% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AB3

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-BP112223.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.345 | 2418 | 2424 | 2434 | rVB | 3668157 | 5401430 | 76.27% | 5.619% |
| 78 | 17.427 | 2434 | 2438 | 2444 | rBV6 | 38857 | 69010 | 0.97% | 0.072% |
| 79 | 17.557 | 2456 | 2460 | 2467 | rVB3 | 77527 | 118188 | 1.67% | 0.123% |
| 80 | 17.763 | 2490 | 2495 | 2503 | rVV | 373399 | 476680 | 6.73% | 0.496% |
| 81 | 18.116 | 2551 | 2555 | 2557 | rBV | 89103 | 111104 | 1.57% | 0.116% |
| 82 | 18.151 | 2557 | 2561 | 2568 | rVB2 | 402088 | 680645 | 9.61% | 0.708% |
| 83 | 18.292 | 2581 | 2585 | 2589 | rBV | 114180 | 163994 | 2.32% | 0.171% |
| 84 | 18.339 | 2589 | 2593 | 2599 | rVB | 138611 | 186353 | 2.63% | 0.194% |
| 85 | 18.439 | 2605 | 2610 | 2620 | rBV | 335084 | 472841 | 6.68% | 0.492% |
| 86 | 18.604 | 2635 | 2638 | 2643 | rVB | 99862 | 122485 | 1.73% | 0.127% |
| 87 | 19.010 | 2703 | 2707 | 2712 | rBV | 77511 | 114684 | 1.62% | 0.119% |
| 88 | 19.063 | 2712 | 2716 | 2719 | rVV | 291676 | 336237 | 4.75% | 0.350% |
| 89 | 19.104 | 2719 | 2723 | 2727 | rVB | 55914 | 73031 | 1.03% | 0.076% |
| 90 | 19.169 | 2731 | 2734 | 2739 | rVB2 | 70436 | 97154 | 1.37% | 0.101% |
| 91 | 19.274 | 2748 | 2752 | 2756 | rVB2 | 68908 | 106388 | 1.50% | 0.111% |
| 92 | 19.398 | 2770 | 2773 | 2778 | rVB3 | 101596 | 121558 | 1.72% | 0.126% |
| 93 | 19.598 | 2801 | 2807 | 2811 | rBV | 4431660 | 6042605 | 85.33% | 6.285% |
| 94 | 19.633 | 2811 | 2813 | 2818 | rVB | 226923 | 261628 | 3.69% | 0.272% |
| 95 | 20.174 | 2902 | 2905 | 2911 | rBV | 218128 | 259962 | 3.67% | 0.270% |
| 96 | 20.692 | 2990 | 2993 | 3002 | rVB | 191034 | 262198 | 3.70% | 0.273% |
| 97 | 21.198 | 3073 | 3079 | 3089 | rBV2 | 324457 | 685569 | 9.68% | 0.713% |
| 98 | 21.404 | 3108 | 3114 | 3123 | rBV | 3252789 | 4733412 | 66.84% | 4.924% |
| 99 | 23.809 | 3514 | 3523 | 3540 | rVB2 | 2431949 | 7081868 | 100.00% | 7.367% |
| 100 | 23.986 | 3544 | 3553 | 3566 | rVB | 1739581 | 5190754 | 73.30% | 5.399% |

Sum of corrected areas: 96135986

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
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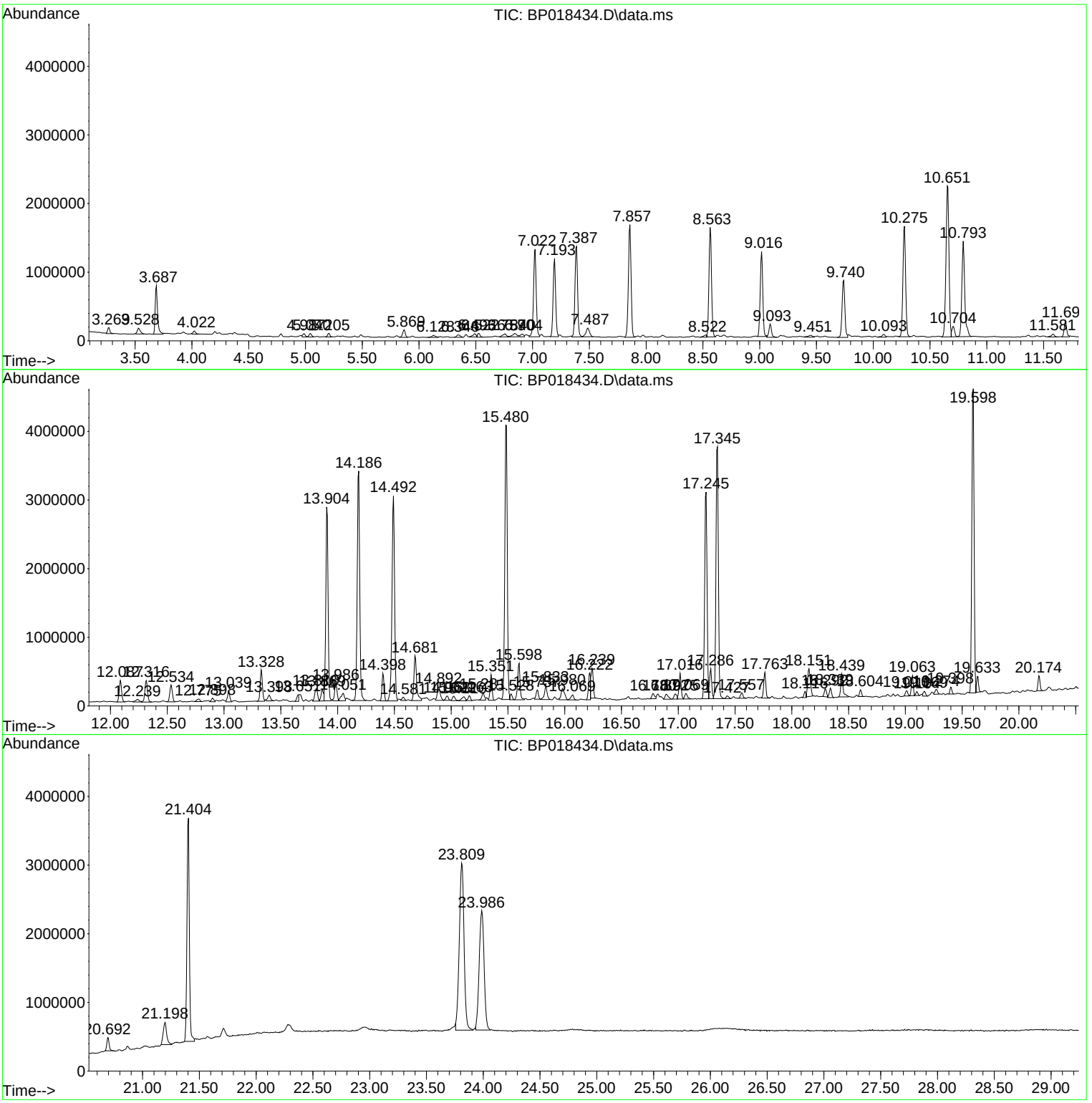
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.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\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

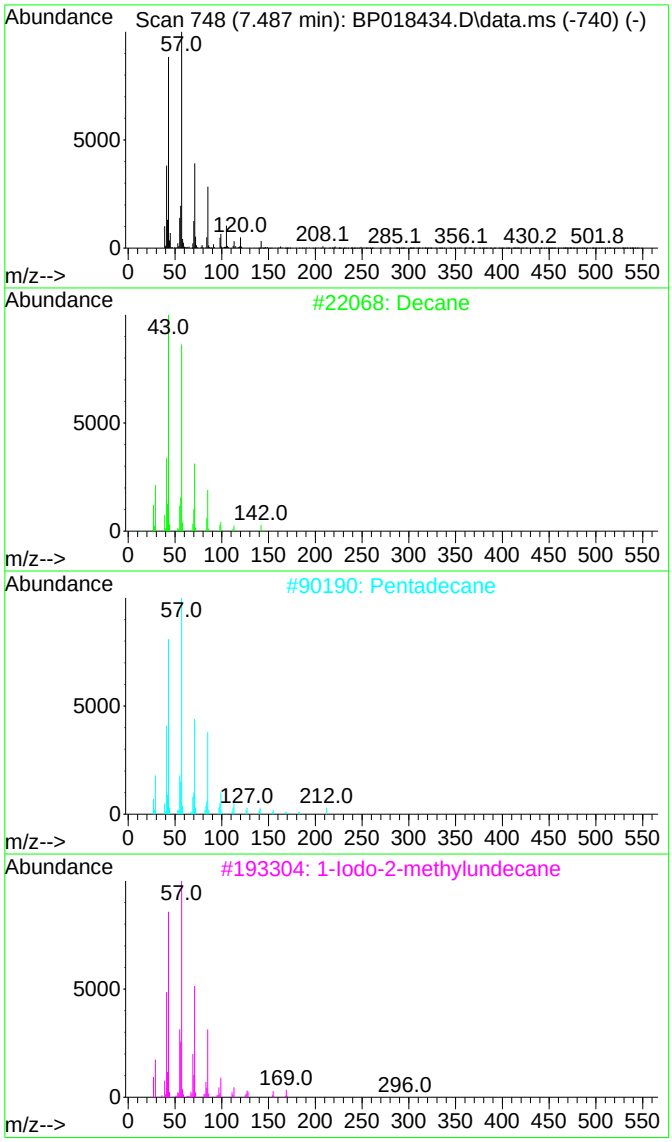
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

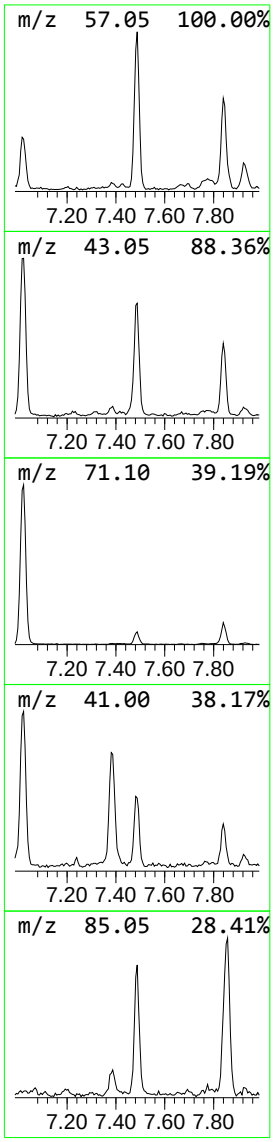
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.487 | 2.10 ng/ul | 280808 | 1,4-Dichlorobenzene-d4 | 7.857 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 81 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 72 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 72 |
| 4 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 72 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

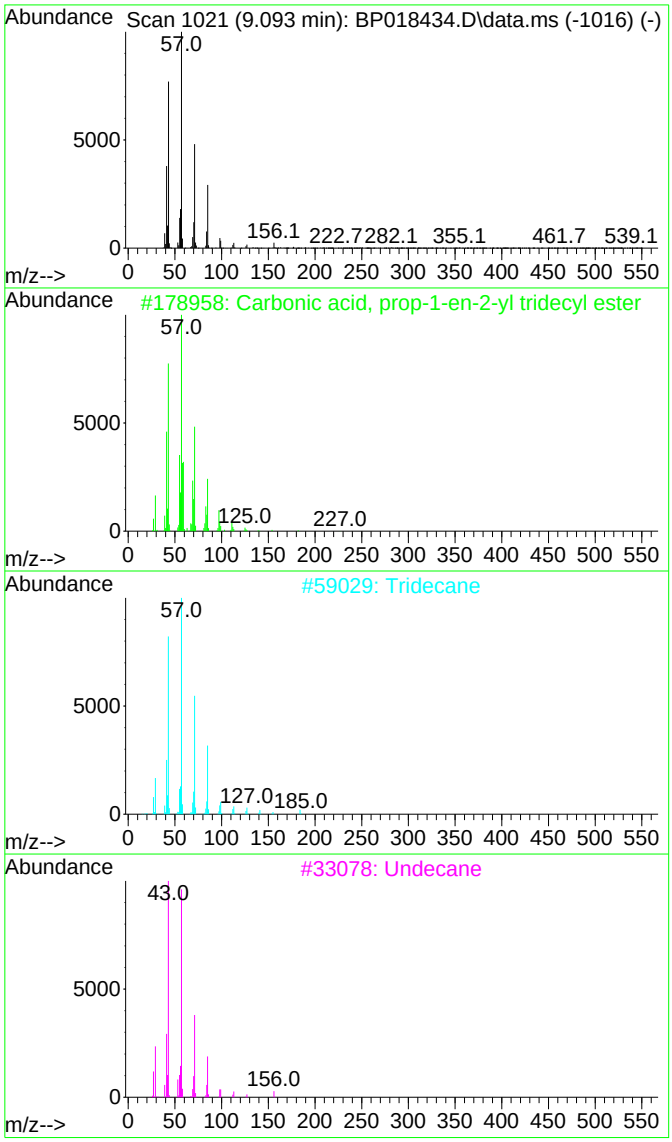
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

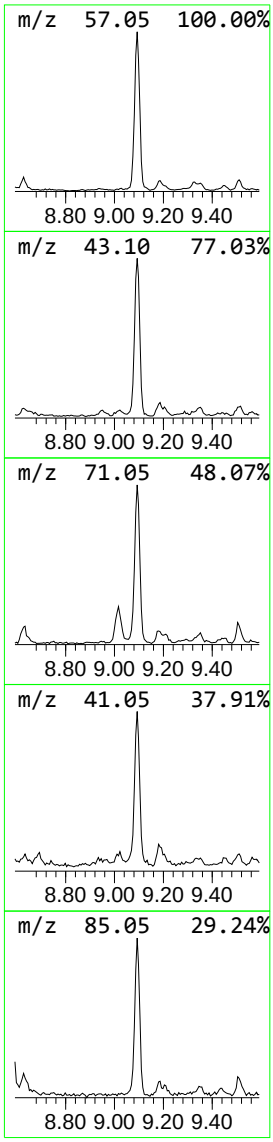
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Carbonic acid, prop-1-en-2-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.093 | 2.30 ng/ul | 306328 | 1,4-Dichlorobenzene-d4 | 7.857 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 78 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 3 | Undecane | 156 | C11H24 | 001120-21-4 | 76 |
| 4 | Undecane, 2,3-dimethyl- | 184 | C13H28 | 017312-77-5 | 72 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

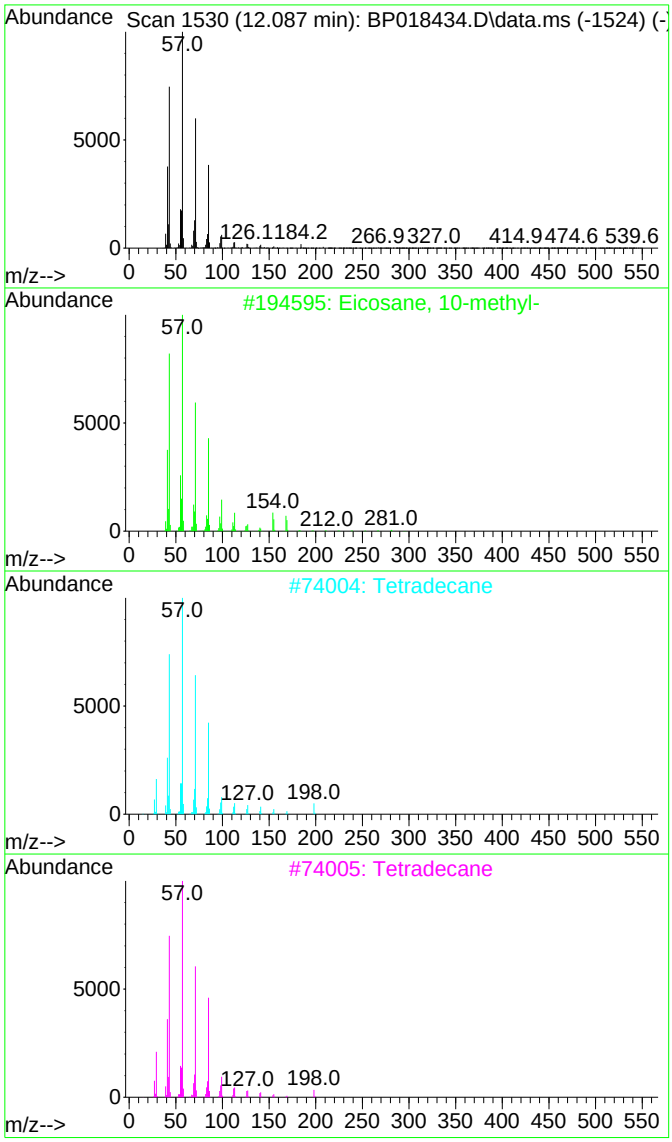
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

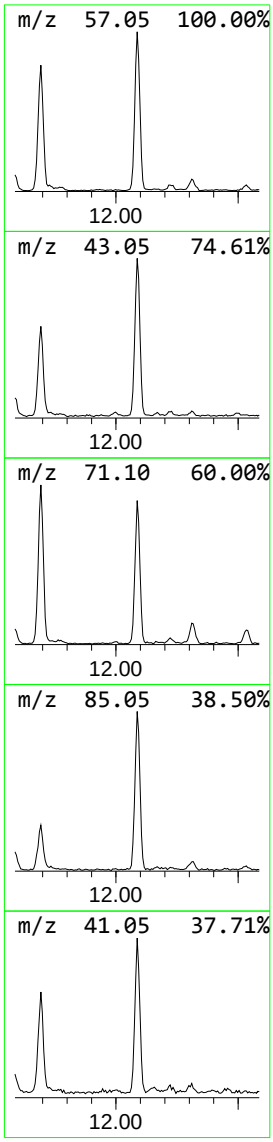
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.087 | 2.26 ng/ul | 454229 | Naphthalene-d8 | 10.657 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 91 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 81 |
| 5 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

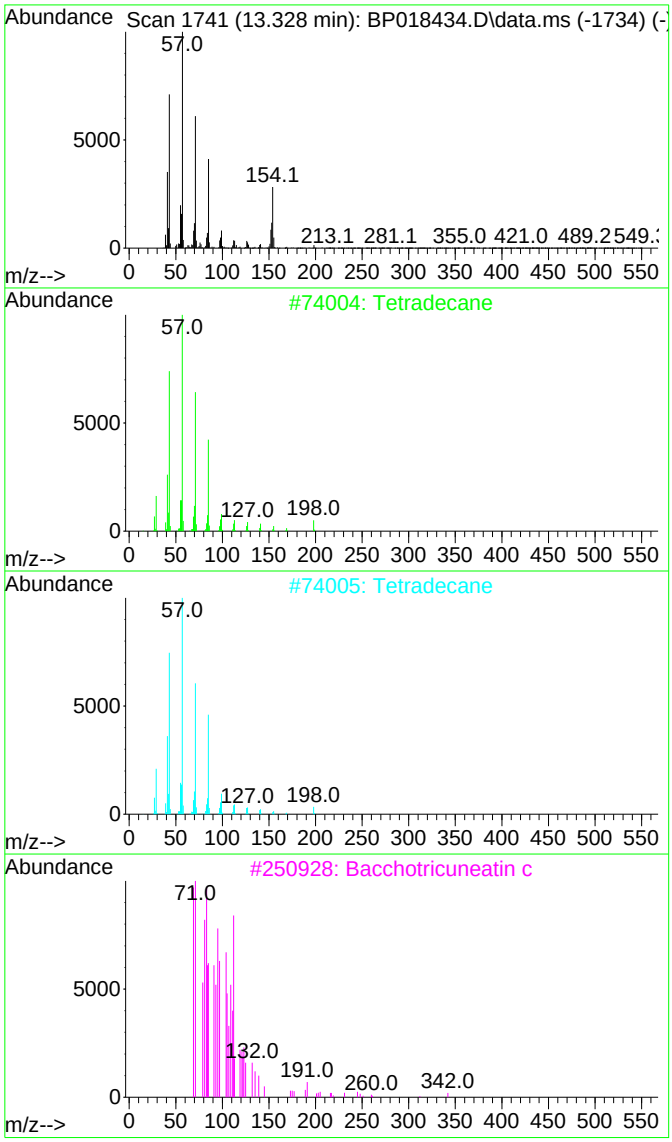
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

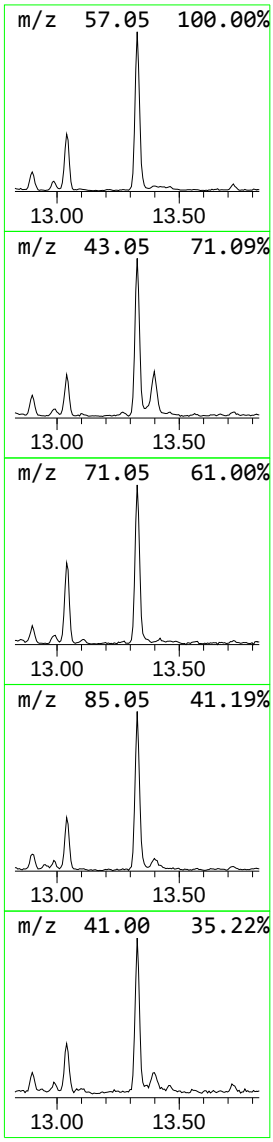
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.328 | 2.62 ng/ul | 622069 | Acenaphthene-d10 | 14.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 89 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 62 |
| 3 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 60 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 58 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

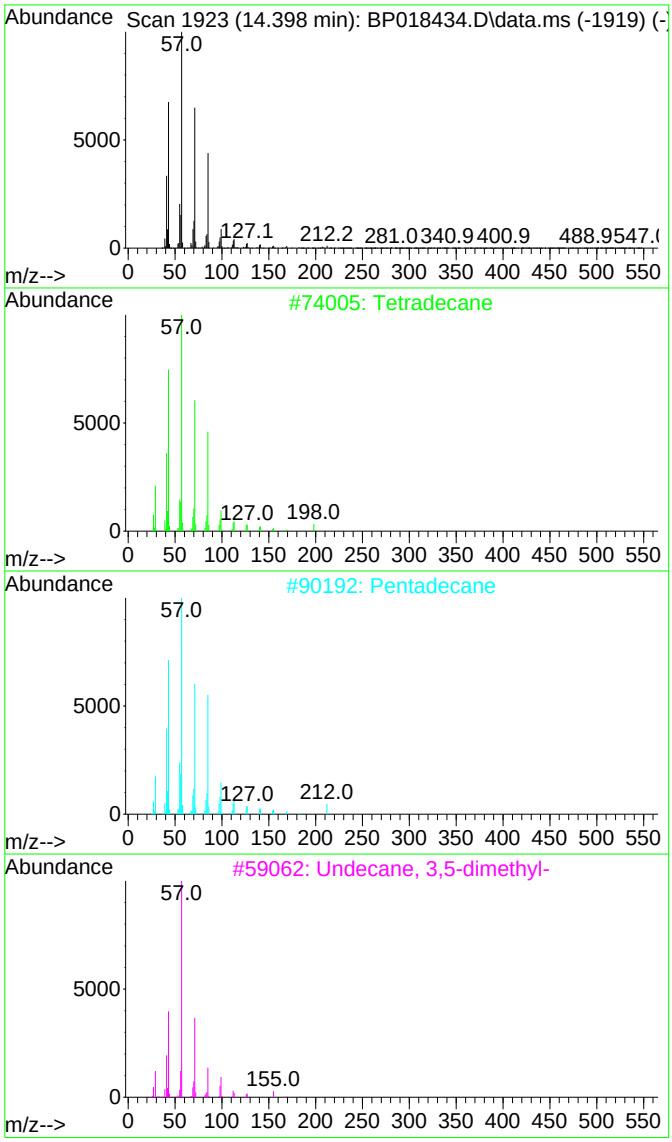
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

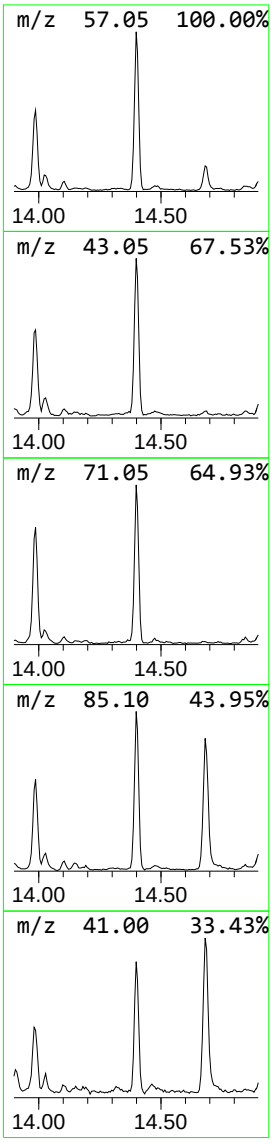
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.398 | 2.11 ng/ul | 501436 | Acenaphthene-d10 | 14.492 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 3 | Undecane, 3,5-dimethyl- | 184 | C13H28 | 017312-81-1 | 87 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 5 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

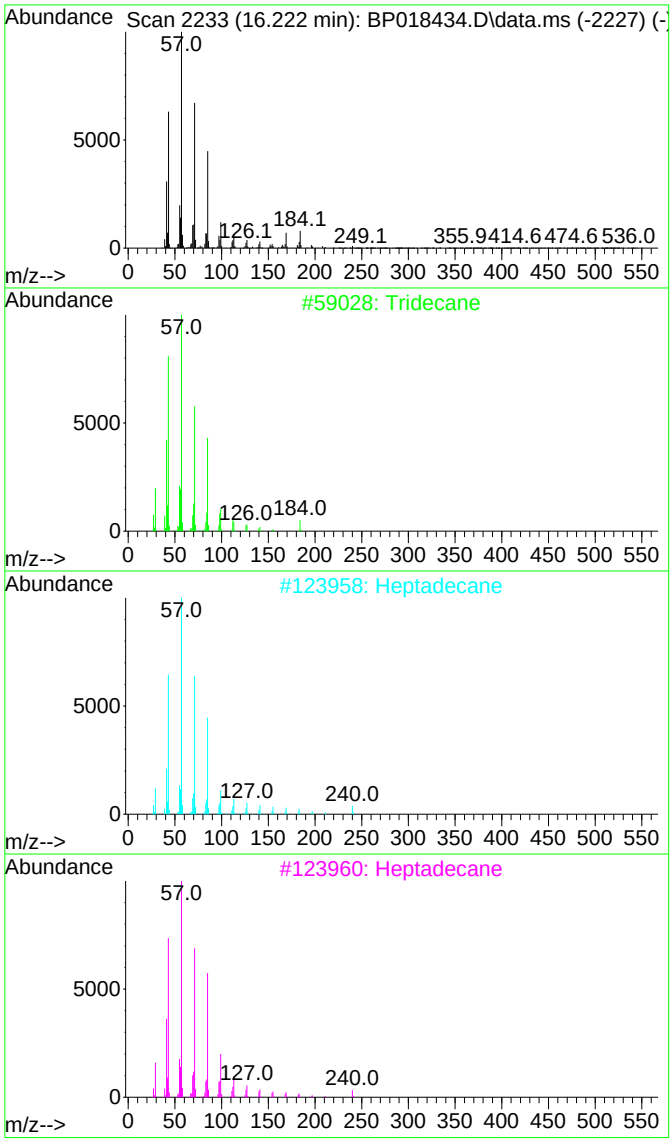
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

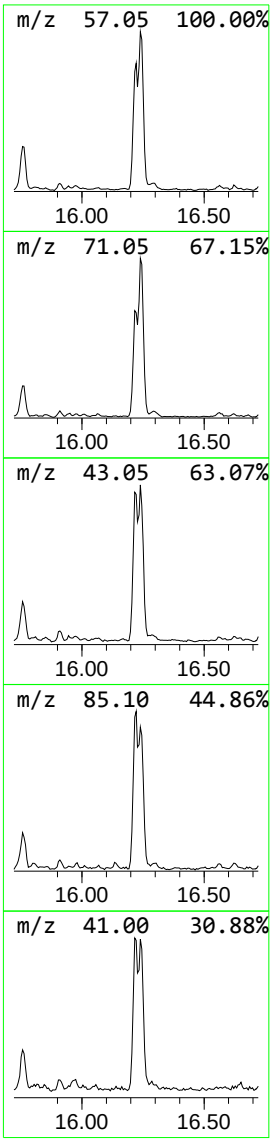
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.222 | 2.34 ng/ul | 513531 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 94 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 4 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 90 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

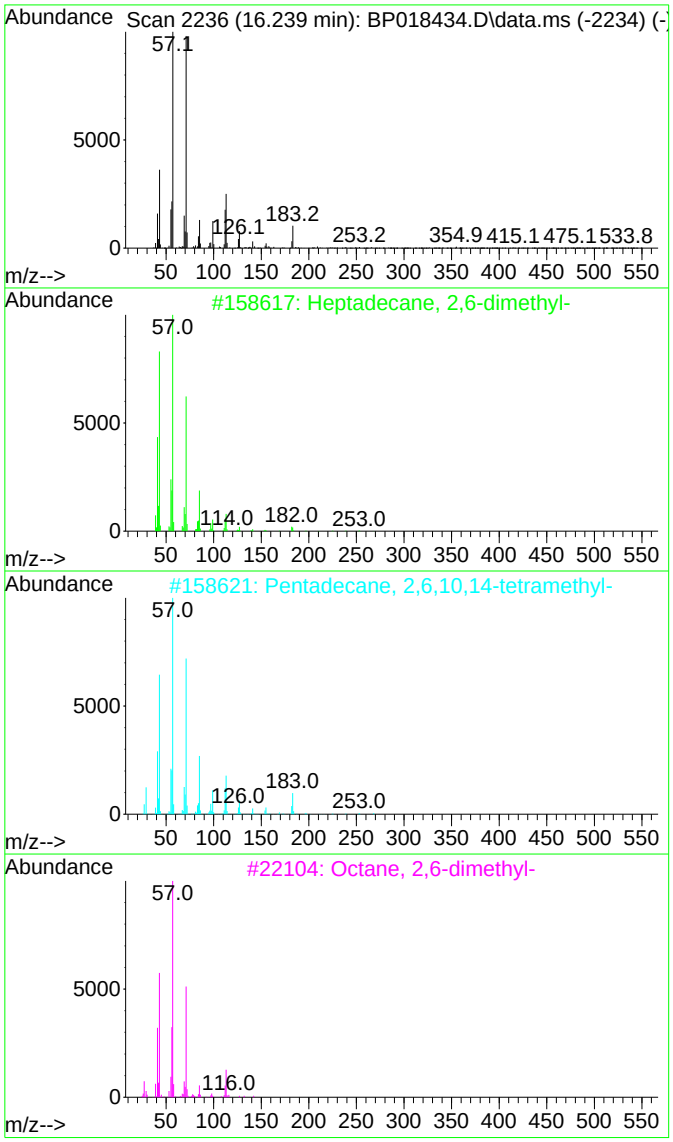
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

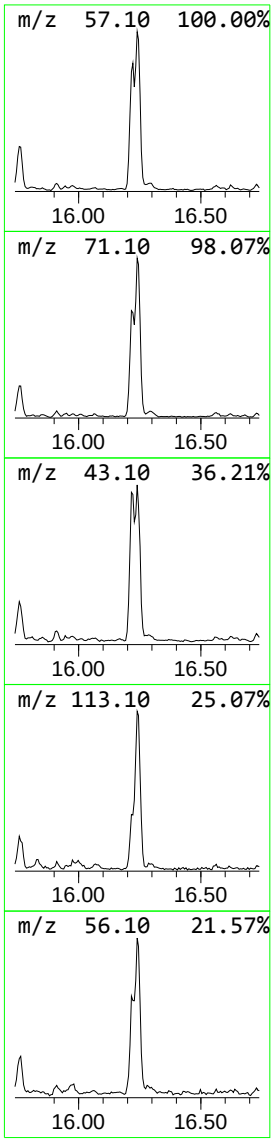
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.239 | 2.54 ng/ul | 556989 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 86 |
| 2 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 86 |
| 3 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 80 |
| 4 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 78 |
| 5 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

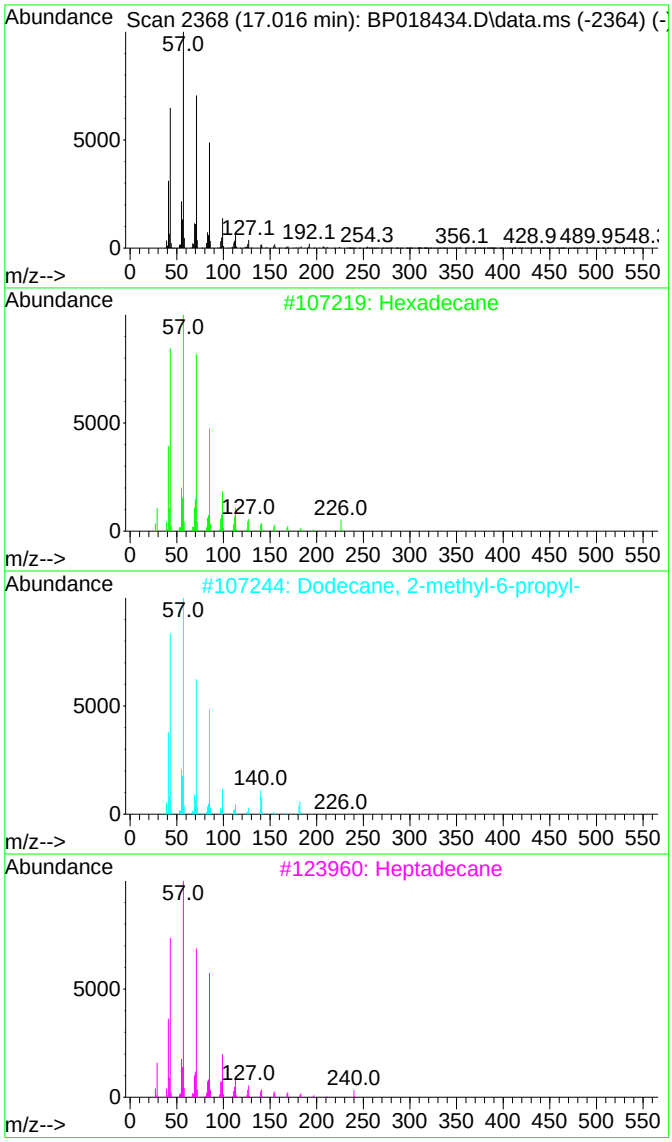
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

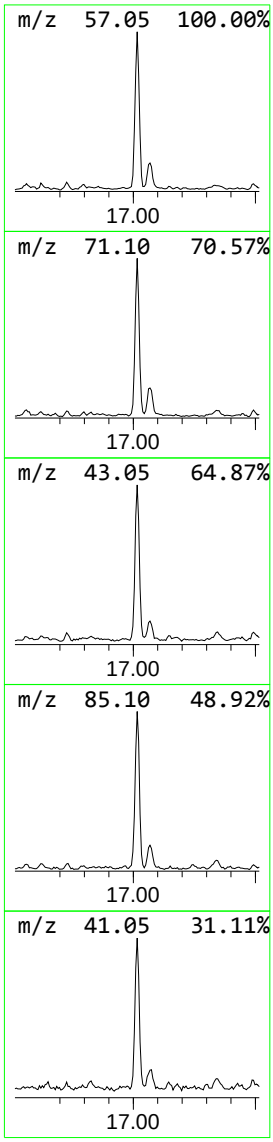
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.016 | 2.16 ng/ul | 473545 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 93 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

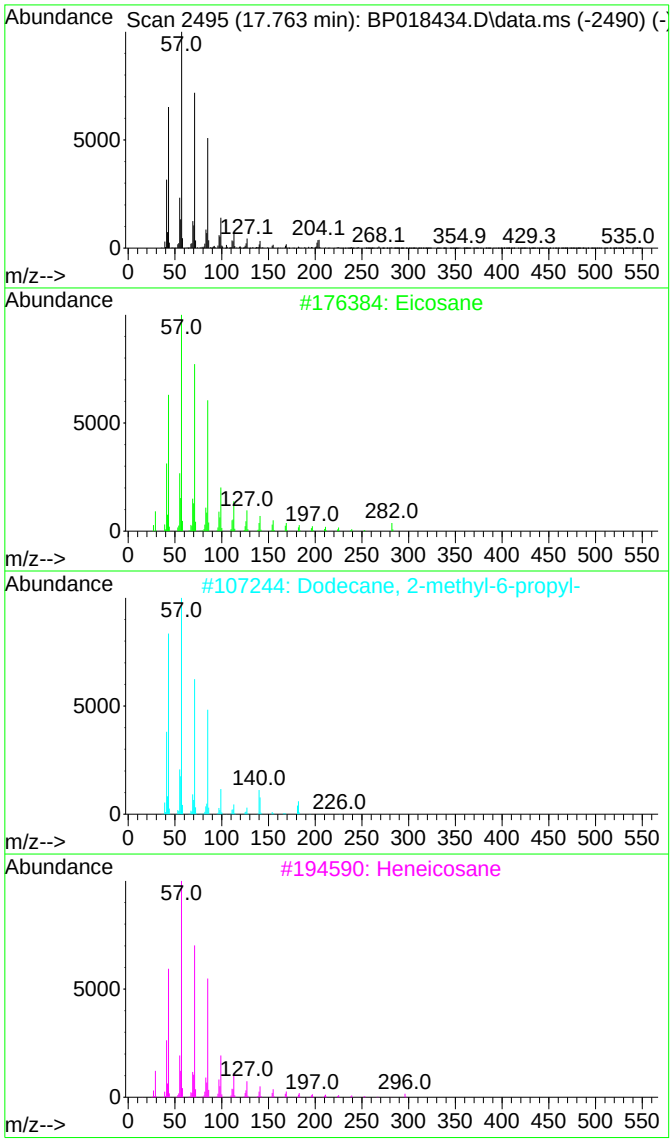
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

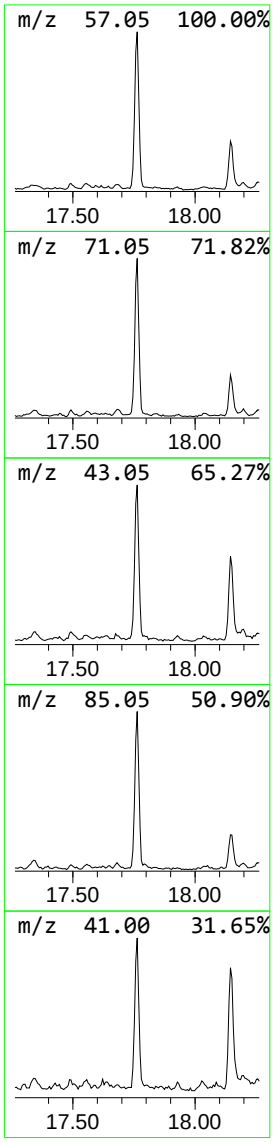
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.763 | 2.17 ng/ul | 476680 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 95 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

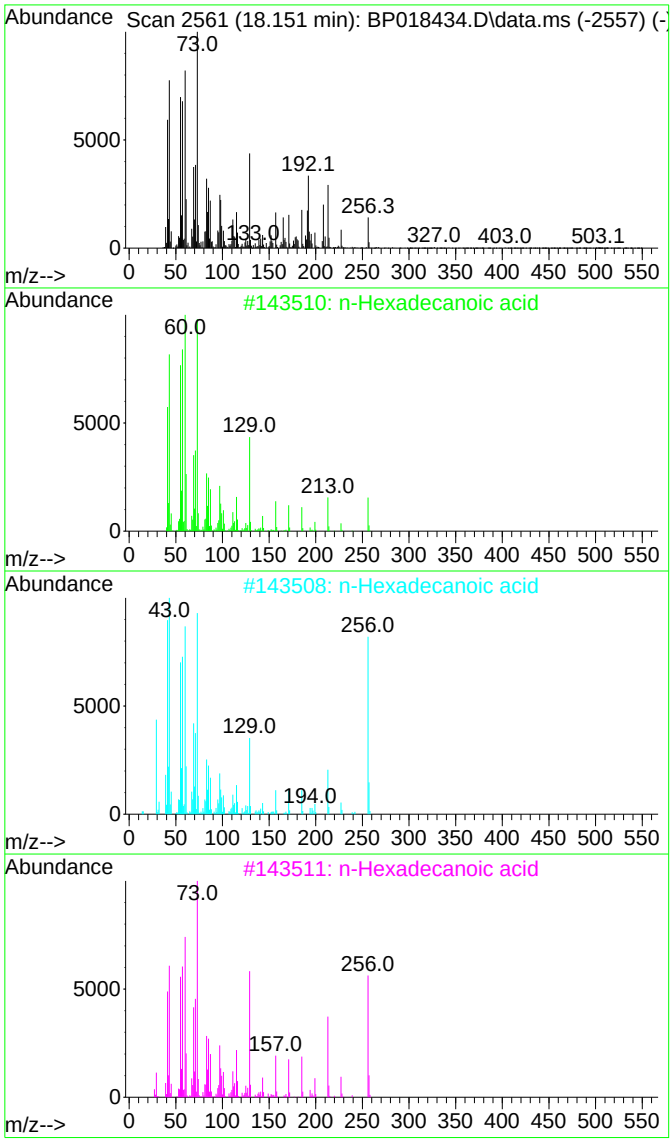
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

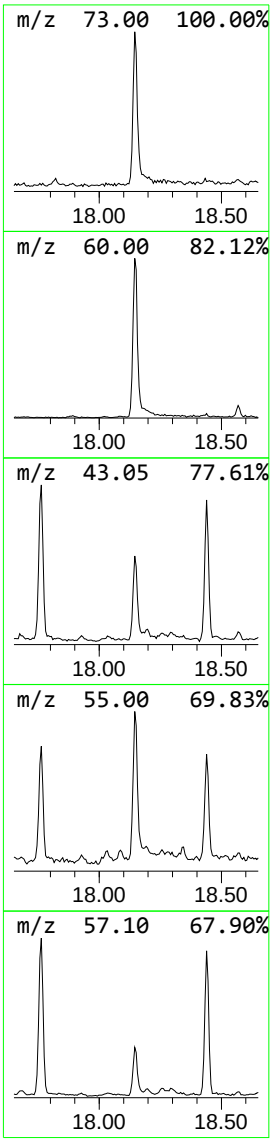
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.151 | 3.10 ng/ul | 680645 | Phenanthrene-d10 | 17.245 |

| 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 | 96 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

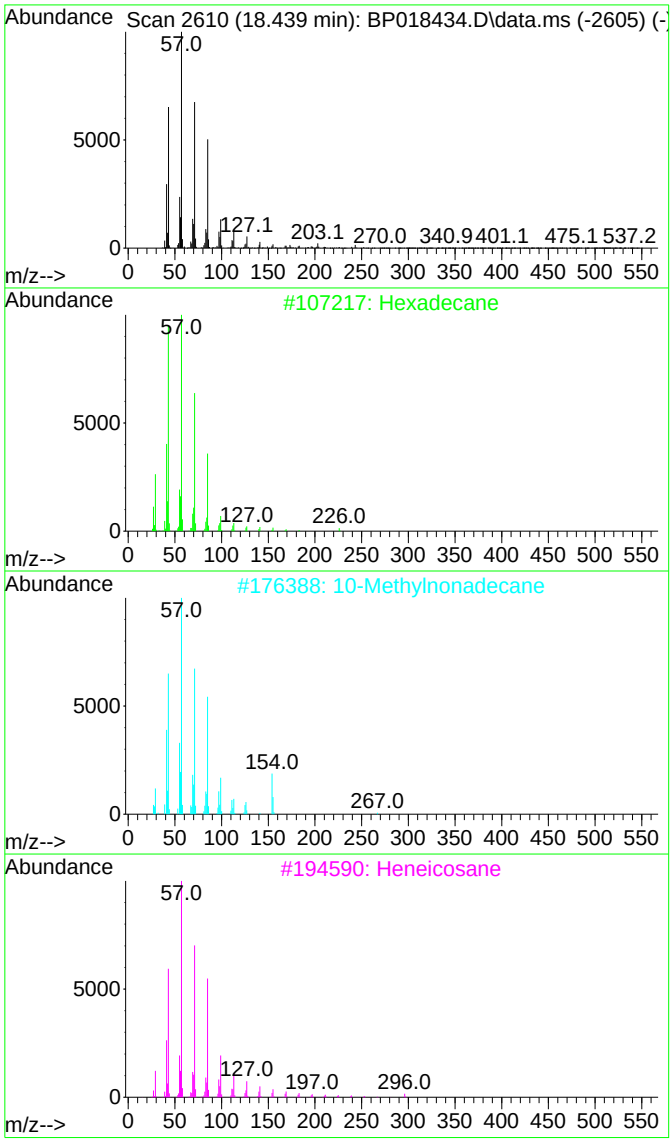
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

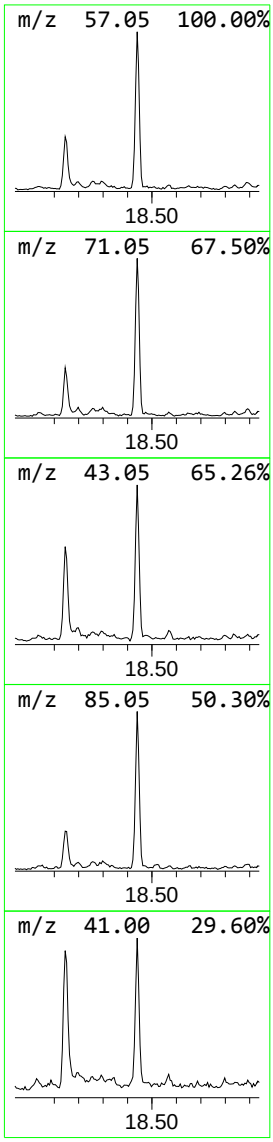
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.439 | 2.16 ng/ul | 472841 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 2 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 5 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

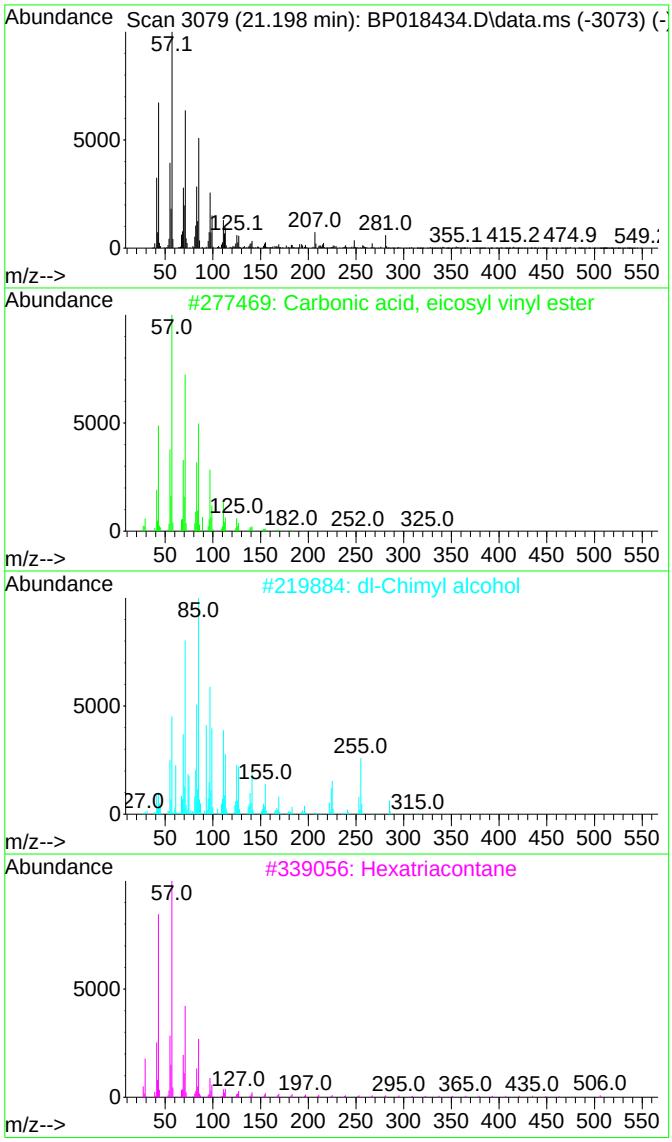
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

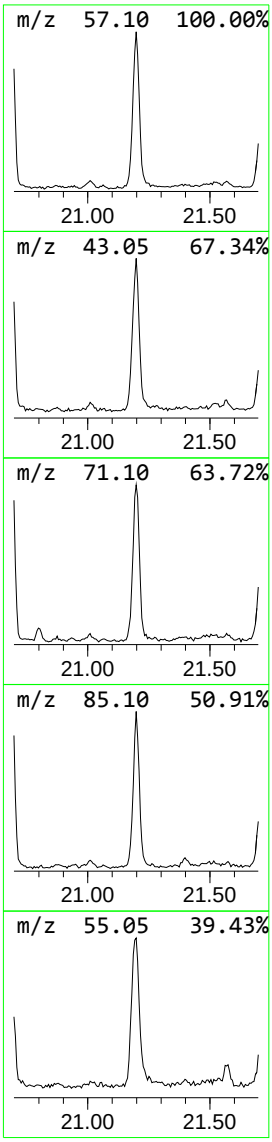
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Carbonic acid, eicosyl viny... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.198 | 2.90 ng/ul | 685569 | Chrysene-d12 | 21.404 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 94 |
| 2 | dl-Chimyl alcohol | 316 | C19H40O3 | 006145-69-3 | 93 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 4 | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 91 |
| 5 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018434.D
Acq On : 28 Nov 2023 11:20
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AB3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.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 |
| (DEL) Alkane: S... | 7.487 | 2.1 | ng/ul | 280808 | 1 | 7.857 | 2669120 | 20.0 |
| Carbonic acid, ... | 9.093 | 2.3 | ng/ul | 306328 | 1 | 7.857 | 2669120 | 20.0 |
| (DEL) Alkane: S... | 12.087 | 2.3 | ng/ul | 454229 | 2 | 10.657 | 4022440 | 20.0 |
| (DEL) Alkane: S... | 13.328 | 2.6 | ng/ul | 622069 | 3 | 14.492 | 4748910 | 20.0 |
| (DEL) Alkane: S... | 14.398 | 2.1 | ng/ul | 501436 | 3 | 14.492 | 4748910 | 20.0 |
| (DEL) Alkane: S... | 16.222 | 2.3 | ng/ul | 513531 | 4 | 17.245 | 4387560 | 20.0 |
| (DEL) Alkane: S... | 16.239 | 2.5 | ng/ul | 556989 | 4 | 17.245 | 4387560 | 20.0 |
| (DEL) Alkane: S... | 17.016 | 2.2 | ng/ul | 473545 | 4 | 17.245 | 4387560 | 20.0 |
| (DEL) Alkane: S... | 17.763 | 2.2 | ng/ul | 476680 | 4 | 17.245 | 4387560 | 20.0 |
| n-Hexadecanoic ... | 18.151 | 3.1 | ng/ul | 680645 | 4 | 17.245 | 4387560 | 20.0 |
| (DEL) Alkane: S... | 18.439 | 2.2 | ng/ul | 472841 | 4 | 17.245 | 4387560 | 20.0 |
| Carbonic acid, ... | 21.198 | 2.9 | ng/ul | 685569 | 5 | 21.404 | 4733410 | 20.0 |