LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015238.D
Acq On : 23 May 2023 13:44
Operator : CG/JU
Sample : 02861-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** H0FL0

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-BP051123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015238.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.428 | 37 | 41 | 49 | rVB | 48490 | 62792 | 1.35% | 0.122% |
| 2 | 3.875 | 115 | 117 | 131 | rBV | 218155 | 350660 | 7.52% | 0.684% |
| 3 | 4.111 | 150 | 157 | 165 | rVB3 | 15524 | 25245 | 0.54% | 0.049% |
| 4 | 4.211 | 170 | 174 | 178 | rVB | 15496 | 19931 | 0.43% | 0.039% |
| 5 | 4.587 | 236 | 238 | 244 | rBV7 | 3076 | 6382 | 0.14% | 0.012% |
| 6 | 4.669 | 248 | 252 | 259 | rVB | 17389 | 26656 | 0.57% | 0.052% |
| 7 | 5.175 | 332 | 338 | 344 | rVB8 | 4509 | 10648 | 0.23% | 0.021% |
| 8 | 5.652 | 417 | 419 | 426 | rVB3 | 6095 | 7932 | 0.17% | 0.015% |
| 9 | 5.781 | 437 | 441 | 446 | rVB | 8820 | 12455 | 0.27% | 0.024% |
| 10 | 7.222 | 680 | 686 | 689 | rBV4 | 13083 | 20877 | 0.45% | 0.041% |
| 11 | 7.269 | 689 | 694 | 706 | rVB | 172120 | 287543 | 6.17% | 0.561% |
| 12 | 7.440 | 716 | 723 | 736 | rBV | 725569 | 1126013 | 24.16% | 2.196% |
| 13 | 7.646 | 750 | 758 | 769 | rBV | 690057 | 1100611 | 23.62% | 2.147% |
| 14 | 7.722 | 769 | 771 | 777 | rVB7 | 4175 | 5680 | 0.12% | 0.011% |
| 15 | 8.122 | 830 | 839 | 847 | rBV | 842341 | 1351969 | 29.01% | 2.637% |
| 16 | 8.187 | 847 | 850 | 853 | rVB5 | 4997 | 7111 | 0.15% | 0.014% |
| 17 | 8.828 | 953 | 959 | 973 | rBV | 522057 | 895847 | 19.22% | 1.747% |
| 18 | 9.299 | 1030 | 1039 | 1047 | rBV | 853346 | 1450332 | 31.12% | 2.829% |
| 19 | 9.405 | 1052 | 1057 | 1062 | rVV | 26345 | 44260 | 0.95% | 0.086% |
| 20 | 9.446 | 1062 | 1064 | 1069 | rVB6 | 5139 | 8583 | 0.18% | 0.017% |
| 21 | 9.687 | 1098 | 1105 | 1110 | rBV | 40160 | 64021 | 1.37% | 0.125% |
| 22 | 10.022 | 1154 | 1162 | 1177 | rBV | 713993 | 1182724 | 25.38% | 2.307% |
| 23 | 10.563 | 1246 | 1254 | 1269 | rBV | 984290 | 1723150 | 36.98% | 3.361% |
| 24 | 10.951 | 1312 | 1320 | 1327 | rBV | 1204069 | 2056184 | 44.12% | 4.011% |
| 25 | 11.087 | 1336 | 1343 | 1360 | rBV | 859887 | 1524802 | 32.72% | 2.974% |
| 26 | 12.181 | 1524 | 1529 | 1536 | rVB2 | 34860 | 53462 | 1.15% | 0.104% |
| 27 | 12.281 | 1541 | 1546 | 1550 | rVB8 | 3963 | 6731 | 0.14% | 0.013% |
| 28 | 12.434 | 1566 | 1572 | 1576 | rVB9 | 3269 | 4664 | 0.10% | 0.009% |
| 29 | 12.528 | 1583 | 1588 | 1594 | rBV3 | 15796 | 27881 | 0.60% | 0.054% |
| 30 | 12.740 | 1619 | 1624 | 1630 | rBV10 | 4503 | 8792 | 0.19% | 0.017% |
| 31 | 13.369 | 1725 | 1731 | 1735 | rVB9 | 4791 | 8477 | 0.18% | 0.017% |
| 32 | 13.569 | 1760 | 1765 | 1769 | rBV5 | 11802 | 17342 | 0.37% | 0.034% |
| 33 | 13.640 | 1771 | 1777 | 1783 | rBV2 | 24734 | 43276 | 0.93% | 0.084% |
| 34 | 13.710 | 1786 | 1789 | 1791 | rBV3 | 5453 | 6433 | 0.14% | 0.013% |
| 35 | 14.163 | 1858 | 1866 | 1880 | rBV | 2051181 | 2971138 | 63.76% | 5.795% |
| 36 | 14.275 | 1882 | 1885 | 1890 | rVB6 | 6983 | 9774 | 0.21% | 0.019% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015238.D
Acq On : 23 May 2023 13:44
Operator : CG/JU
Sample : 02861-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** H0FL0

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-BP051123.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.451 | 1906 | 1915 | 1930 | rBV2 | 2285621 | 3347252 | 71.83% | 6.529% |
| 38 | 14.634 | 1942 | 1946 | 1949 | rBV6 | 5858 | 8398 | 0.18% | 0.016% |
| 39 | 14.704 | 1955 | 1958 | 1960 | rBV3 | 3989 | 4973 | 0.11% | 0.010% |
| 40 | 14.757 | 1960 | 1967 | 1979 | rVB | 1931192 | 2796448 | 60.01% | 5.454% |
| 41 | 14.957 | 1995 | 2001 | 2013 | rBV2 | 74112 | 172219 | 3.70% | 0.336% |
| 42 | 15.163 | 2032 | 2036 | 2042 | rVB9 | 7201 | 14127 | 0.30% | 0.028% |
| 43 | 15.234 | 2046 | 2048 | 2056 | rVB8 | 2525 | 5215 | 0.11% | 0.010% |
| 44 | 15.363 | 2066 | 2070 | 2075 | rVB6 | 10250 | 12548 | 0.27% | 0.024% |
| 45 | 15.534 | 2095 | 2099 | 2101 | rBV4 | 3206 | 5266 | 0.11% | 0.010% |
| 46 | 15.563 | 2101 | 2104 | 2110 | rVB3 | 7445 | 12741 | 0.27% | 0.025% |
| 47 | 15.704 | 2123 | 2128 | 2130 | rBV2 | 23227 | 34739 | 0.75% | 0.068% |
| 48 | 15.745 | 2130 | 2135 | 2149 | rVB | 2810173 | 4168215 | 89.45% | 8.130% |
| 49 | 15.869 | 2149 | 2156 | 2165 | rBV | 668499 | 964928 | 20.71% | 1.882% |
| 50 | 15.987 | 2173 | 2176 | 2181 | rVB3 | 12945 | 18324 | 0.39% | 0.036% |
| 51 | 16.110 | 2191 | 2197 | 2204 | rBV | 285509 | 387948 | 8.33% | 0.757% |
| 52 | 16.445 | 2251 | 2254 | 2258 | rBV6 | 8000 | 11321 | 0.24% | 0.022% |
| 53 | 16.510 | 2261 | 2265 | 2266 | rBV4 | 4438 | 5803 | 0.12% | 0.011% |
| 54 | 16.681 | 2291 | 2294 | 2296 | rVB3 | 4409 | 5157 | 0.11% | 0.010% |
| 55 | 16.951 | 2337 | 2340 | 2346 | rVB | 19491 | 26162 | 0.56% | 0.051% |
| 56 | 17.192 | 2375 | 2381 | 2384 | rBV7 | 5620 | 9772 | 0.21% | 0.019% |
| 57 | 17.251 | 2387 | 2391 | 2394 | rBV5 | 6719 | 11981 | 0.26% | 0.023% |
| 58 | 17.363 | 2406 | 2410 | 2411 | rBV4 | 4135 | 4809 | 0.10% | 0.009% |
| 59 | 17.510 | 2428 | 2435 | 2445 | rBV | 2254730 | 3149060 | 67.58% | 6.142% |
| 60 | 17.610 | 2445 | 2452 | 2464 | rVV2 | 3093758 | 4376079 | 93.91% | 8.536% |
| 61 | 18.022 | 2518 | 2522 | 2526 | rBV3 | 18221 | 22445 | 0.48% | 0.044% |
| 62 | 18.145 | 2541 | 2543 | 2548 | rVB5 | 5141 | 7307 | 0.16% | 0.014% |
| 63 | 18.363 | 2576 | 2580 | 2590 | rBV | 310829 | 432549 | 9.28% | 0.844% |
| 64 | 18.769 | 2647 | 2649 | 2654 | rBV6 | 8177 | 11446 | 0.25% | 0.022% |
| 65 | 18.928 | 2673 | 2676 | 2681 | rVB2 | 15814 | 20225 | 0.43% | 0.039% |
| 66 | 19.404 | 2754 | 2757 | 2763 | rVB2 | 43343 | 52458 | 1.13% | 0.102% |
| 67 | 19.475 | 2765 | 2769 | 2777 | rVV | 42181 | 62845 | 1.35% | 0.123% |
| 68 | 19.586 | 2785 | 2788 | 2799 | rBV | 109501 | 167049 | 3.58% | 0.326% |
| 69 | 19.827 | 2823 | 2829 | 2838 | rBV | 3522798 | 4660010 | 100.00% | 9.089% |
| 70 | 21.269 | 3070 | 3074 | 3084 | rBV2 | 283173 | 554642 | 11.90% | 1.082% |
| 71 | 21.586 | 3123 | 3128 | 3137 | rBV | 1796544 | 2490701 | 53.45% | 4.858% |
| 72 | 23.974 | 3527 | 3534 | 3547 | rVB2 | 1916871 | 4113394 | 88.27% | 8.023% |
| 73 | 24.139 | 3556 | 3562 | 3574 | rVB | 1204433 | 2589892 | 55.58% | 5.052% |

Sum of corrected areas: 51268826

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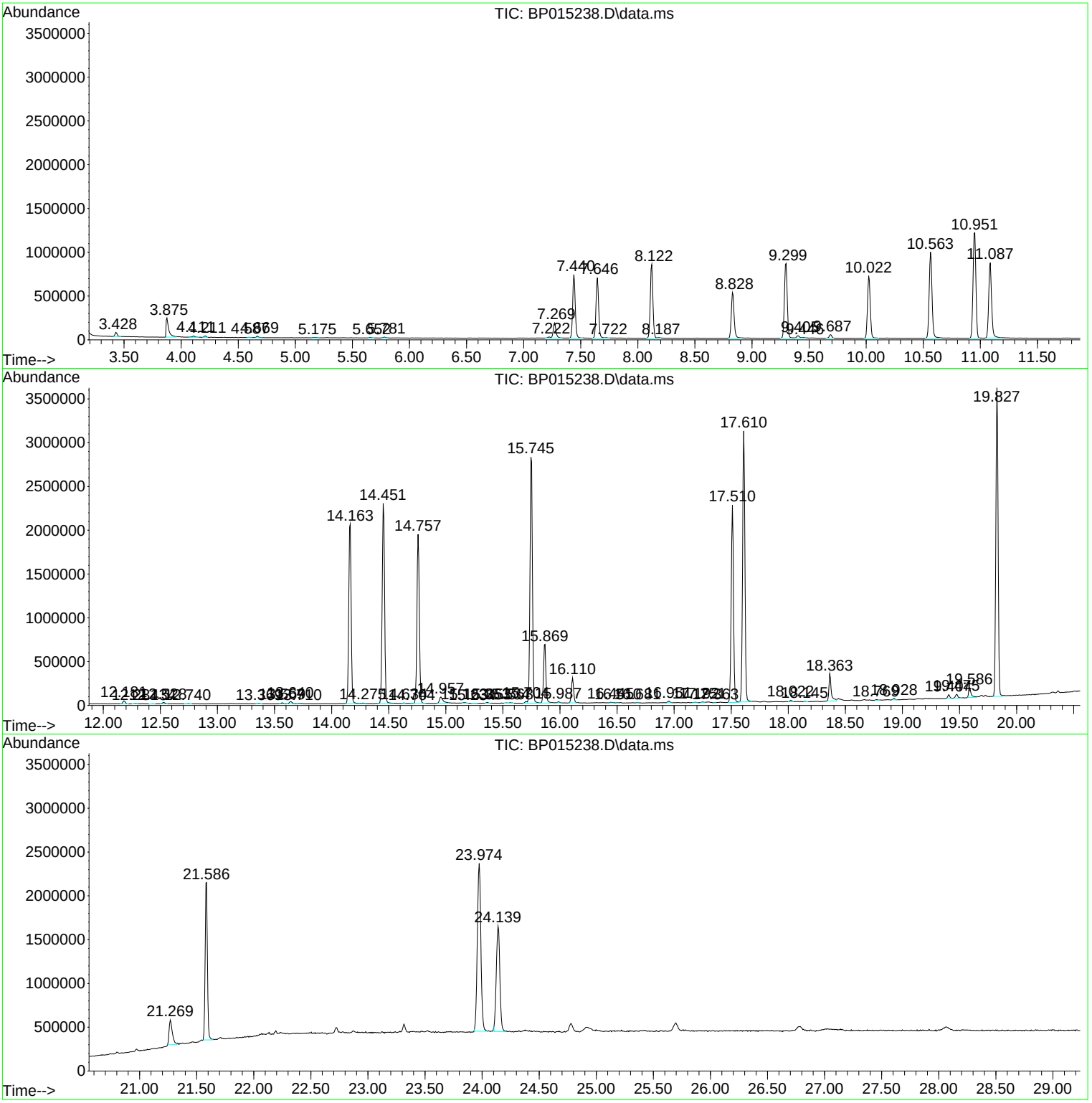
Data File : BP015238.D
Acq On : 23 May 2023 13:44
Operator : CG/JU
Sample : 02861-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0FL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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\BP052323\
Data File : BP015238.D
Acq On : 23 May 2023 13:44
Operator : CG/JU
Sample : 02861-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0FL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

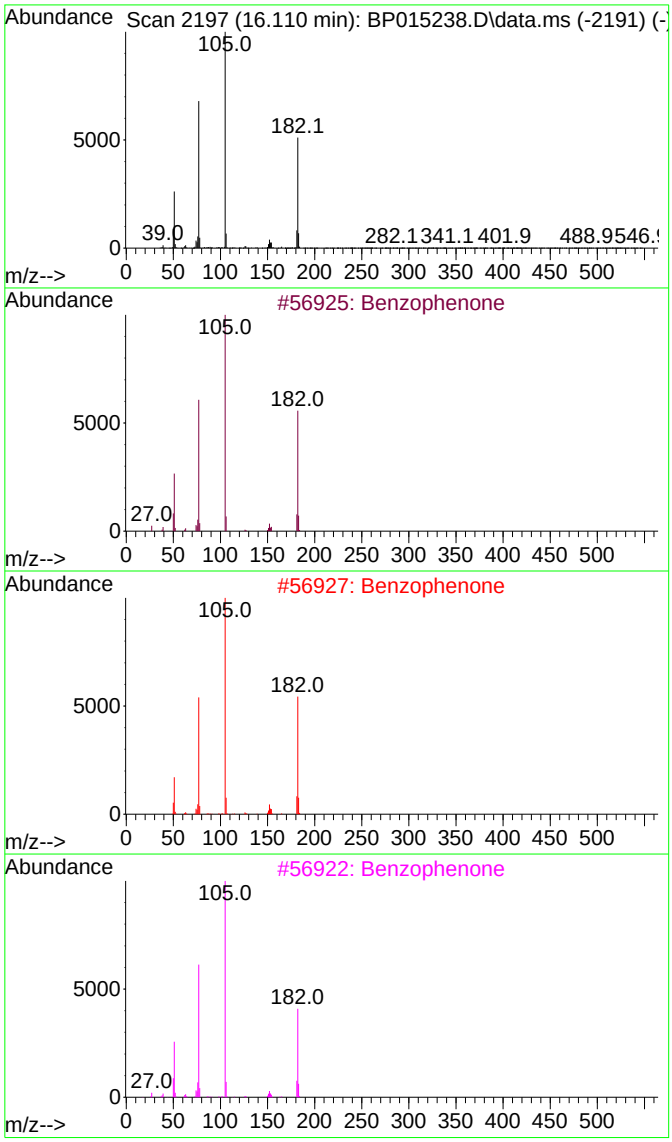
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

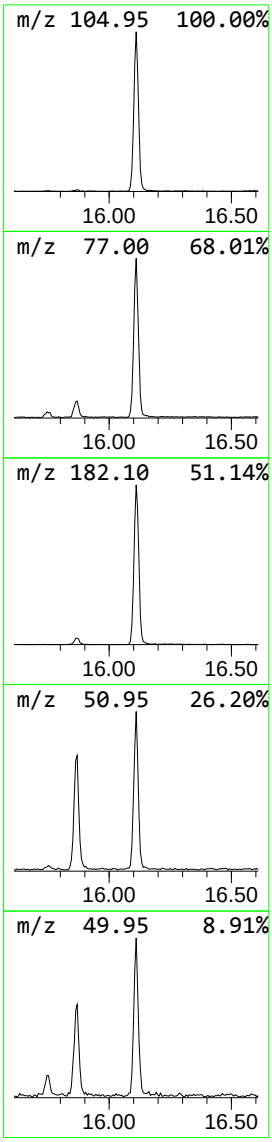
**********

Peak Number 1 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.110 | 2.77 ng/ul | 387948 | Acenaphthene-d10 | 14.757 |

| 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 | 91 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015238.D
Acq On : 23 May 2023 13:44
Operator : CG/JU
Sample : 02861-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0FL0

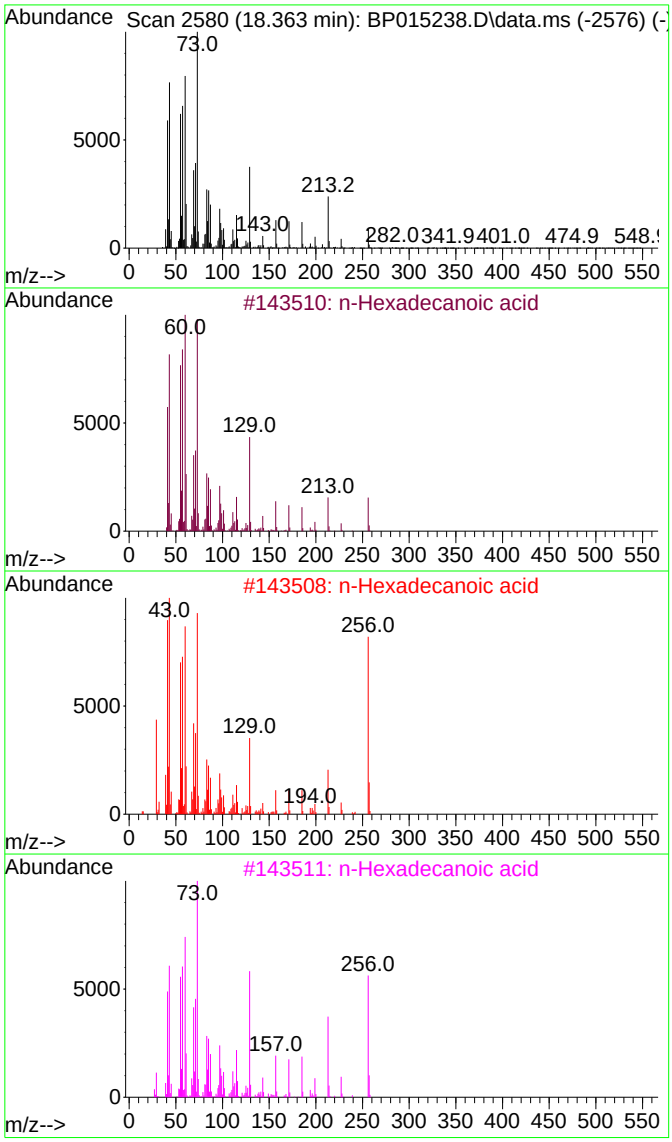
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

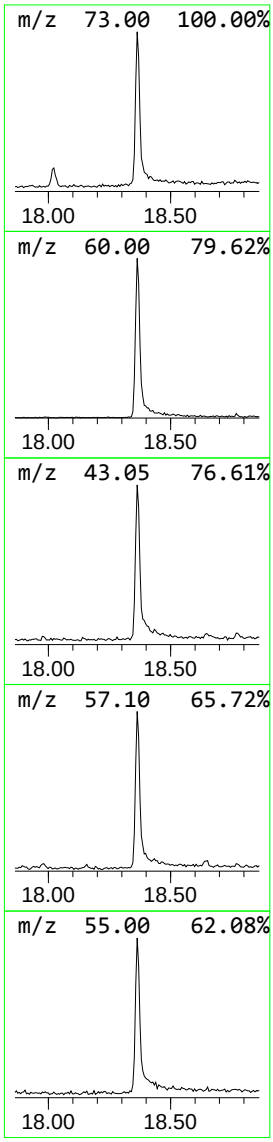
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.363 | 2.75 ng/ul | 432549 | Phenanthrene-d10 | 17.510 |

| 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 | 99 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015238.D
Acq On : 23 May 2023 13:44
Operator : CG/JU
Sample : 02861-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0FL0

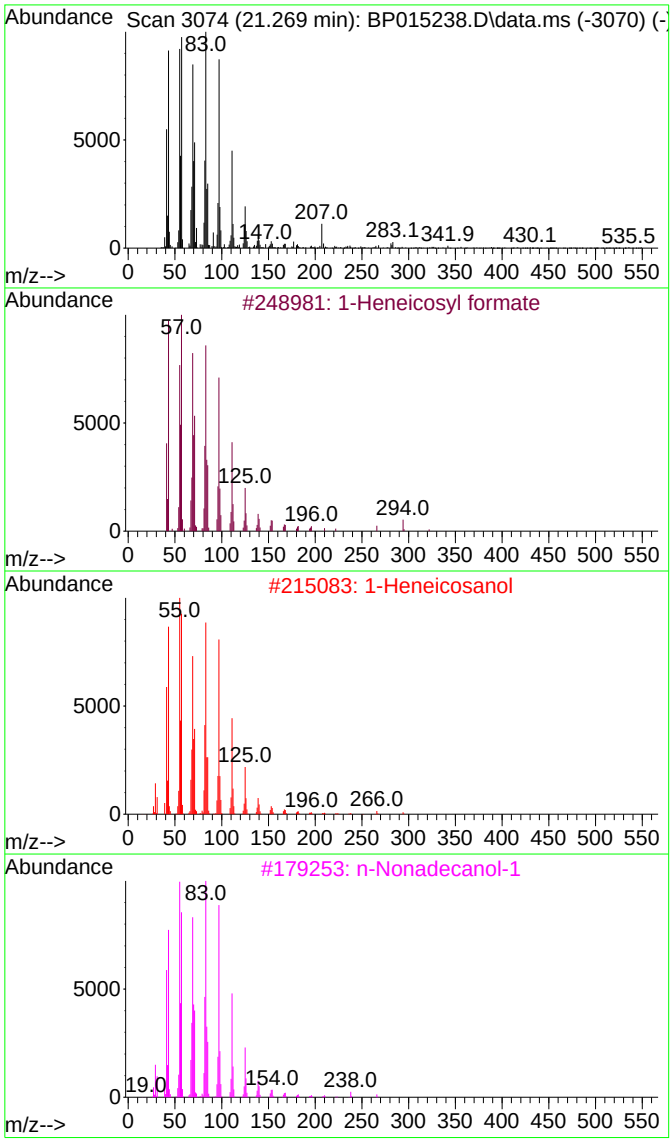
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION

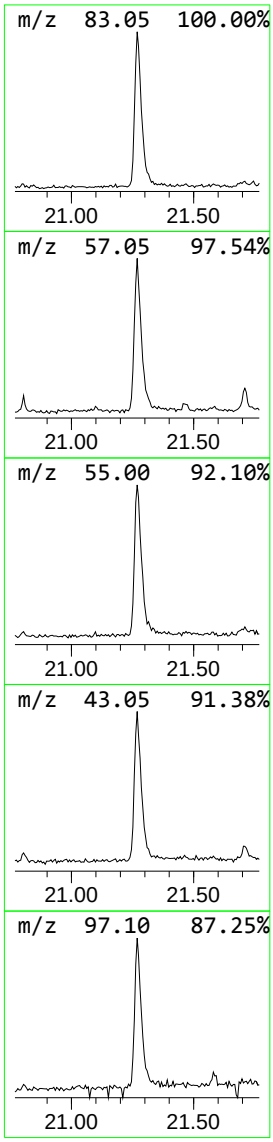
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.269 | 4.45 ng/ul | 554642 | Chrysene-d12 | 21.586 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 97 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 91 |
| 4 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91 |
| 5 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
Data File : BP015238.D
Acq On : 23 May 2023 13:44
Operator : CG/JU
Sample : 02861-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0FL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.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 |
| Benzophenone | 16.110 | 2.8 | ng/ul | 387948 | 3 | 14.757 | 2796450 | 20.0 |
| n-Hexadecanoic ... | 18.363 | 2.8 | ng/ul | 432549 | 4 | 17.510 | 3149060 | 20.0 |
| 1-Heneicosyl fo... | 21.269 | 4.5 | ng/ul | 554642 | 5 | 21.586 | 2490700 | 20.0 |