LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022566.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.193 | 32 | 35 | 42 | rVB | 16773 | 21826 | 0.80% | 0.076% |
| 2 | 3.605 | 102 | 105 | 119 | rBV | 196006 | 308351 | 11.25% | 1.068% |
| 3 | 3.922 | 155 | 159 | 162 | rBV3 | 6418 | 8457 | 0.31% | 0.029% |
| 4 | 6.363 | 570 | 574 | 578 | rBV7 | 2308 | 2929 | 0.11% | 0.010% |
| 5 | 6.805 | 643 | 649 | 651 | rBV2 | 5623 | 8543 | 0.31% | 0.030% |
| 6 | 6.852 | 651 | 657 | 669 | rVB | 304920 | 494388 | 18.03% | 1.712% |
| 7 | 6.999 | 676 | 682 | 694 | rVB | 216770 | 346275 | 12.63% | 1.199% |
| 8 | 7.105 | 696 | 700 | 704 | rVB7 | 1620 | 3012 | 0.11% | 0.010% |
| 9 | 7.199 | 708 | 716 | 725 | rBV | 297074 | 483756 | 17.64% | 1.675% |
| 10 | 7.657 | 786 | 794 | 802 | rBV | 374968 | 617118 | 22.51% | 2.137% |
| 11 | 8.357 | 907 | 913 | 923 | rBV | 380633 | 658085 | 24.00% | 2.278% |
| 12 | 8.799 | 980 | 988 | 997 | rBV | 270500 | 478868 | 17.47% | 1.658% |
| 13 | 8.952 | 1010 | 1014 | 1018 | rVB7 | 2278 | 2945 | 0.11% | 0.010% |
| 14 | 9.199 | 1049 | 1056 | 1062 | rBV3 | 8893 | 15960 | 0.58% | 0.055% |
| 15 | 9.357 | 1078 | 1083 | 1089 | rBV4 | 8722 | 14681 | 0.54% | 0.051% |
| 16 | 9.504 | 1100 | 1108 | 1123 | rBV | 242787 | 443366 | 16.17% | 1.535% |
| 17 | 9.769 | 1149 | 1153 | 1160 | rVB9 | 1765 | 3213 | 0.12% | 0.011% |
| 18 | 10.046 | 1191 | 1200 | 1211 | rBV | 429398 | 727945 | 26.55% | 2.520% |
| 19 | 10.122 | 1211 | 1213 | 1222 | rVB9 | 5113 | 10833 | 0.40% | 0.038% |
| 20 | 10.410 | 1254 | 1262 | 1274 | rVB | 515593 | 852412 | 31.09% | 2.951% |
| 21 | 10.551 | 1278 | 1286 | 1302 | rBV | 319001 | 608300 | 22.19% | 2.106% |
| 22 | 10.957 | 1346 | 1355 | 1365 | rBV | 4608 | 13210 | 0.48% | 0.046% |
| 23 | 11.216 | 1394 | 1399 | 1403 | rBV8 | 1940 | 4049 | 0.15% | 0.014% |
| 24 | 11.675 | 1471 | 1477 | 1482 | rBV3 | 5977 | 9880 | 0.36% | 0.034% |
| 25 | 11.916 | 1513 | 1518 | 1522 | rBV7 | 1799 | 3276 | 0.12% | 0.011% |
| 26 | 12.004 | 1527 | 1533 | 1539 | rVB4 | 5733 | 10788 | 0.39% | 0.037% |
| 27 | 12.857 | 1675 | 1678 | 1683 | rVB6 | 2053 | 3443 | 0.13% | 0.012% |
| 28 | 13.581 | 1797 | 1801 | 1807 | rVB8 | 3429 | 5664 | 0.21% | 0.020% |
| 29 | 13.681 | 1810 | 1818 | 1829 | rBV | 726070 | 1151759 | 42.01% | 3.988% |
| 30 | 13.951 | 1855 | 1864 | 1874 | rBV2 | 810917 | 1279598 | 46.67% | 4.430% |
| 31 | 14.163 | 1896 | 1900 | 1906 | rVB9 | 2217 | 4450 | 0.16% | 0.015% |
| 32 | 14.263 | 1910 | 1917 | 1924 | rBV | 879551 | 1300782 | 47.44% | 4.504% |
| 33 | 14.328 | 1924 | 1928 | 1934 | rVB4 | 8134 | 11530 | 0.42% | 0.040% |
| 34 | 14.392 | 1934 | 1939 | 1940 | rBV4 | 2448 | 2909 | 0.11% | 0.010% |
| 35 | 14.504 | 1951 | 1958 | 1980 | rBV | 253569 | 463653 | 16.91% | 1.605% |
| 36 | 14.704 | 1989 | 1992 | 1997 | rVB7 | 7915 | 12584 | 0.46% | 0.044% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A4F54

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-BP100724.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.857 | 2014 | 2018 | 2022 | rBV7 | 2050 | 2918 | 0.11% | 0.010% |
| 38 | 14.945 | 2029 | 2033 | 2038 | rVB8 | 2316 | 3836 | 0.14% | 0.013% |
| 39 | 15.087 | 2050 | 2057 | 2058 | rBV6 | 2318 | 3756 | 0.14% | 0.013% |
| 40 | 15.275 | 2082 | 2089 | 2096 | rBV | 1221089 | 1739137 | 63.43% | 6.021% |
| 41 | 15.422 | 2105 | 2114 | 2125 | rBV | 229444 | 371272 | 13.54% | 1.285% |
| 42 | 15.528 | 2130 | 2132 | 2138 | rVB5 | 6590 | 9485 | 0.35% | 0.033% |
| 43 | 15.639 | 2145 | 2151 | 2162 | rVB | 227774 | 330194 | 12.04% | 1.143% |
| 44 | 15.786 | 2172 | 2176 | 2179 | rBV6 | 1879 | 2752 | 0.10% | 0.010% |
| 45 | 16.022 | 2211 | 2216 | 2221 | rVB8 | 4746 | 7984 | 0.29% | 0.028% |
| 46 | 16.069 | 2222 | 2224 | 2230 | rVB7 | 2622 | 3453 | 0.13% | 0.012% |
| 47 | 16.169 | 2238 | 2241 | 2245 | rBV5 | 2219 | 3433 | 0.13% | 0.012% |
| 48 | 16.469 | 2289 | 2292 | 2298 | rBV8 | 6747 | 11064 | 0.40% | 0.038% |
| 49 | 16.657 | 2320 | 2324 | 2329 | rVB | 15002 | 19872 | 0.72% | 0.069% |
| 50 | 16.716 | 2330 | 2334 | 2339 | rVB7 | 4788 | 9159 | 0.33% | 0.032% |
| 51 | 16.786 | 2344 | 2346 | 2350 | rBV5 | 2316 | 4296 | 0.16% | 0.015% |
| 52 | 16.828 | 2350 | 2353 | 2357 | rBV6 | 3231 | 6404 | 0.23% | 0.022% |
| 53 | 16.975 | 2376 | 2378 | 2384 | rVB6 | 4464 | 6387 | 0.23% | 0.022% |
| 54 | 17.063 | 2386 | 2393 | 2398 | rVV | 1115723 | 1744422 | 63.62% | 6.040% |
| 55 | 17.104 | 2398 | 2400 | 2404 | rVV | 75978 | 95652 | 3.49% | 0.331% |
| 56 | 17.169 | 2404 | 2411 | 2422 | rVB | 1249034 | 2005680 | 73.15% | 6.944% |
| 57 | 17.257 | 2423 | 2426 | 2427 | rBV2 | 5584 | 4998 | 0.18% | 0.017% |
| 58 | 17.281 | 2427 | 2430 | 2435 | rVB7 | 10579 | 15263 | 0.56% | 0.053% |
| 59 | 17.451 | 2456 | 2459 | 2462 | rBV4 | 6431 | 9725 | 0.35% | 0.034% |
| 60 | 17.675 | 2493 | 2497 | 2499 | rBV4 | 5318 | 7902 | 0.29% | 0.027% |
| 61 | 17.880 | 2527 | 2532 | 2537 | rBV7 | 9643 | 18719 | 0.68% | 0.065% |
| 62 | 17.998 | 2545 | 2552 | 2562 | rBV2 | 250721 | 466327 | 17.01% | 1.615% |
| 63 | 18.169 | 2577 | 2581 | 2585 | rVB3 | 14951 | 23438 | 0.85% | 0.081% |
| 64 | 18.586 | 2647 | 2652 | 2662 | rVB2 | 110480 | 177645 | 6.48% | 0.615% |
| 65 | 18.745 | 2676 | 2679 | 2684 | rBV5 | 21618 | 29198 | 1.06% | 0.101% |
| 66 | 19.098 | 2734 | 2739 | 2743 | rBV3 | 19938 | 35884 | 1.31% | 0.124% |
| 67 | 19.204 | 2748 | 2757 | 2762 | rBV | 193314 | 300488 | 10.96% | 1.040% |
| 68 | 19.263 | 2762 | 2767 | 2773 | rVV | 52822 | 92758 | 3.38% | 0.321% |
| 69 | 19.327 | 2775 | 2778 | 2789 | rVV2 | 118536 | 181600 | 6.62% | 0.629% |
| 70 | 19.551 | 2810 | 2816 | 2825 | rBV | 1985921 | 2741763 | 100.00% | 9.493% |
| 71 | 20.022 | 2891 | 2896 | 2900 | rBV | 144927 | 198195 | 7.23% | 0.686% |
| 72 | 21.174 | 3089 | 3092 | 3100 | rVB4 | 107027 | 173621 | 6.33% | 0.601% |
| 73 | 21.504 | 3140 | 3148 | 3153 | rBV | 1270489 | 2216568 | 80.84% | 7.674% |
| 74 | 21.804 | 3196 | 3199 | 3203 | rVB | 85890 | 112165 | 4.09% | 0.388% |
| 75 | 22.357 | 3289 | 3293 | 3306 | rVB2 | 140155 | 276781 | 10.10% | 0.958% |
| 76 | 23.898 | 3550 | 3555 | 3563 | rVB2 | 162924 | 362902 | 13.24% | 1.256% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

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-BP100724.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 24.533 | 3655 | 3663 | 3673 | rBV | 1008457 | 2513342 | 91.67% | 8.702% |
| 78 | 24.768 | 3694 | 3703 | 3712 | rVB | 760010 | 2154174 | 78.57% | 7.458% |

Sum of corrected areas: 28883450

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
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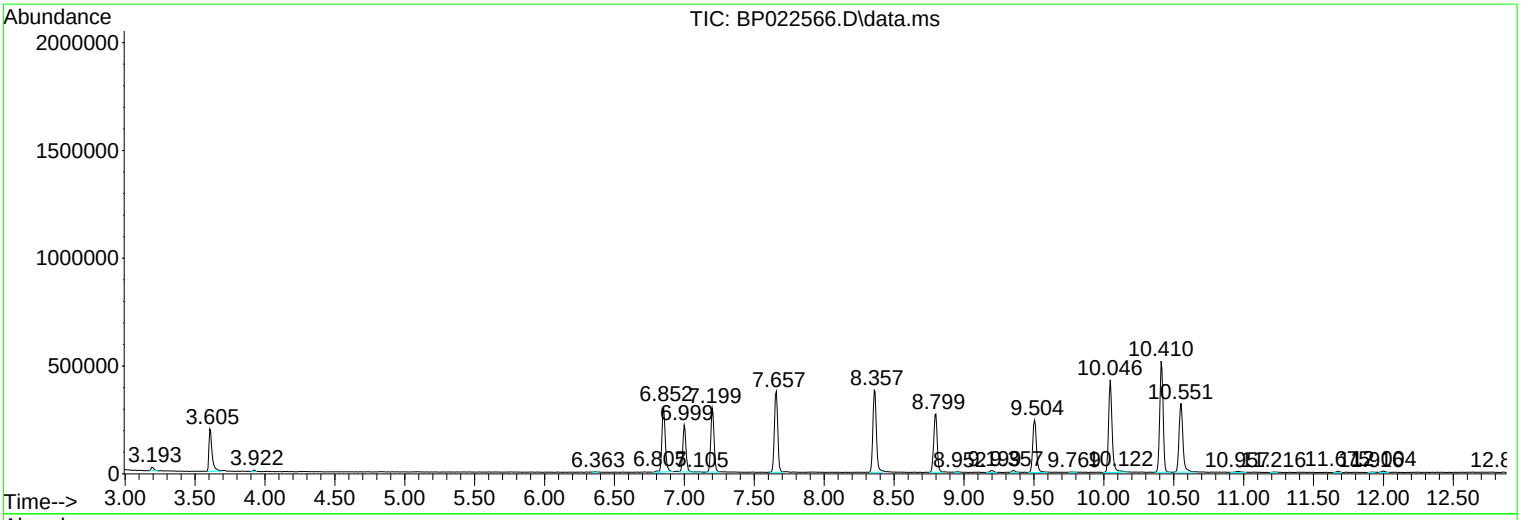
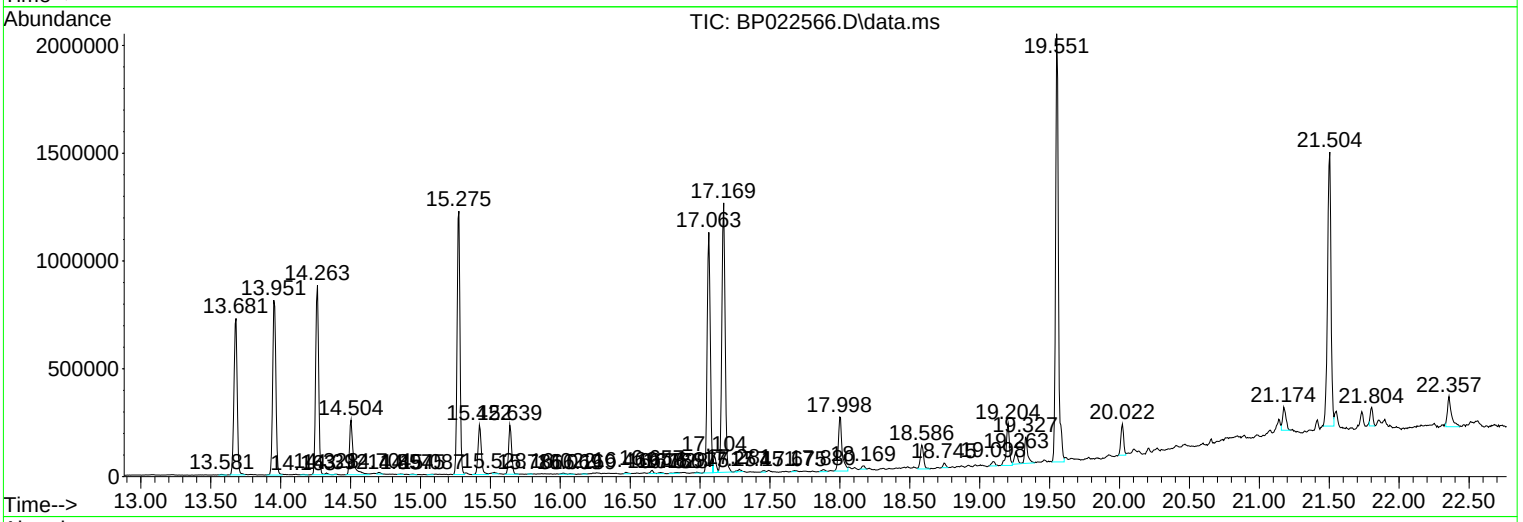
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

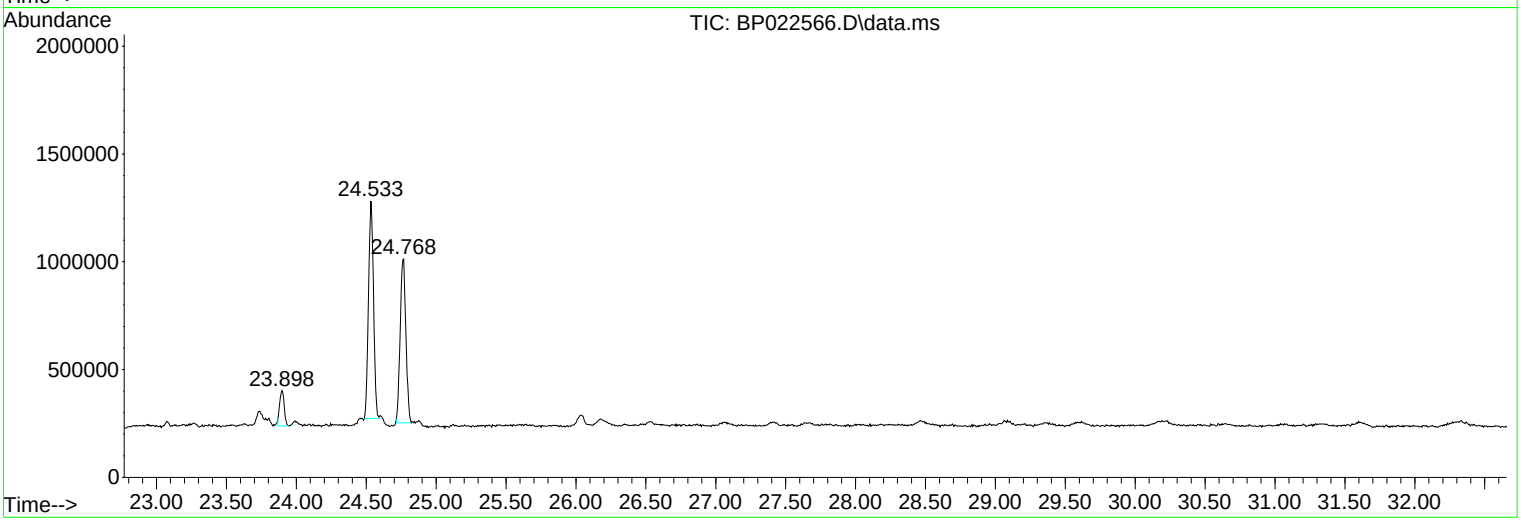
**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

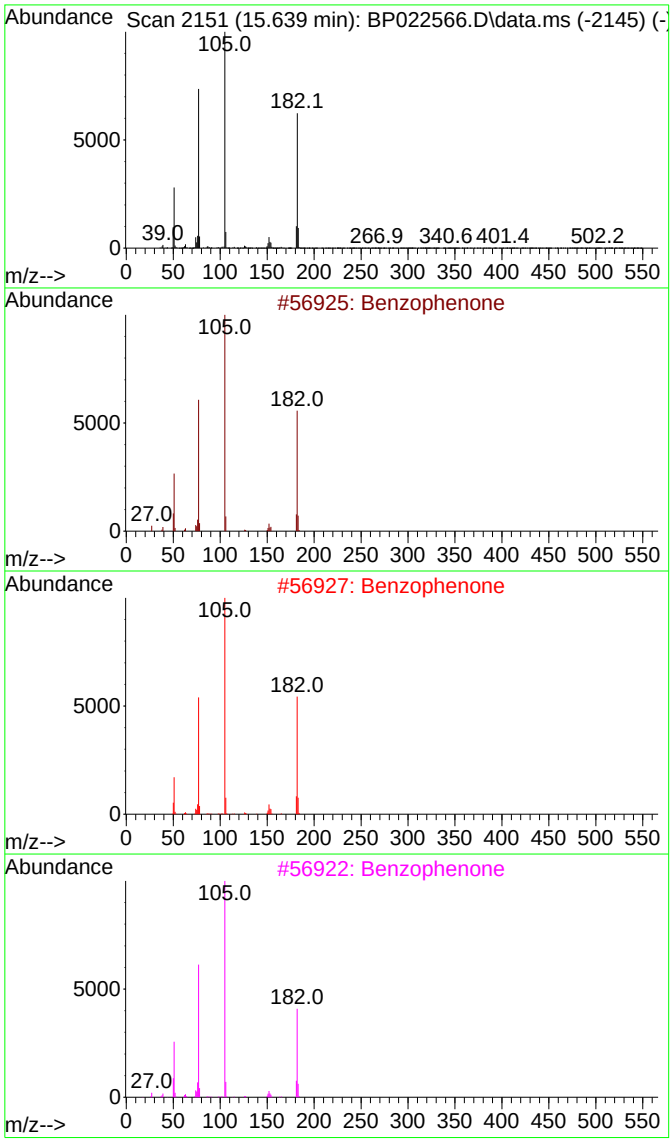
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

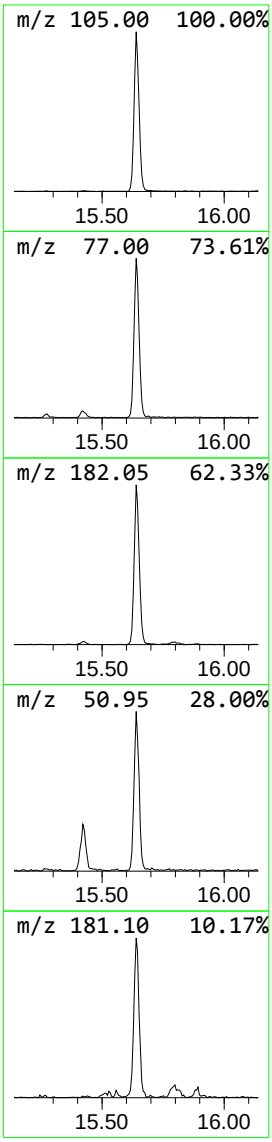
**********

Peak Number 1 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.639 | 5.08 ng/ul | 330194 | Acenaphthene-d10 | 14.263 |

| 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 | 94 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

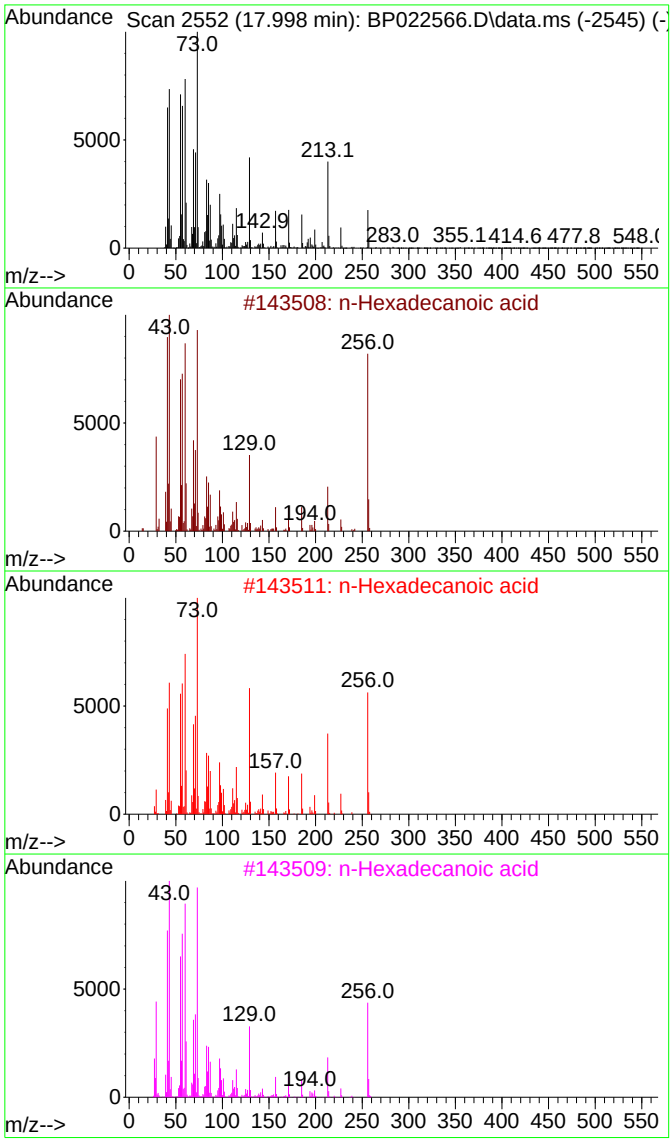
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

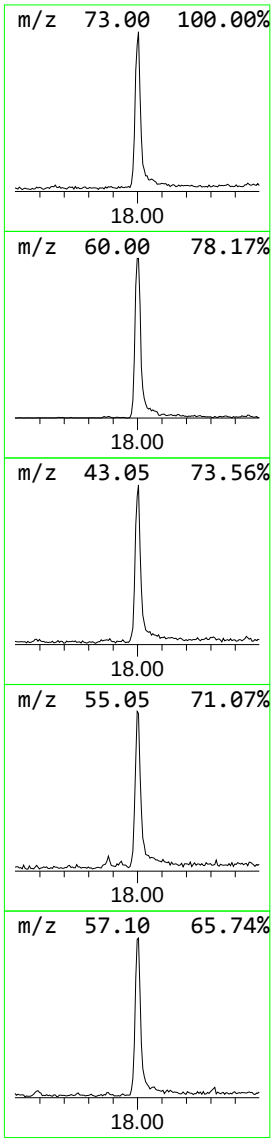
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.998 | 5.35 ng/ul | 466327 | Phenanthrene-d10 | 17.063 |

| 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 | 97 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

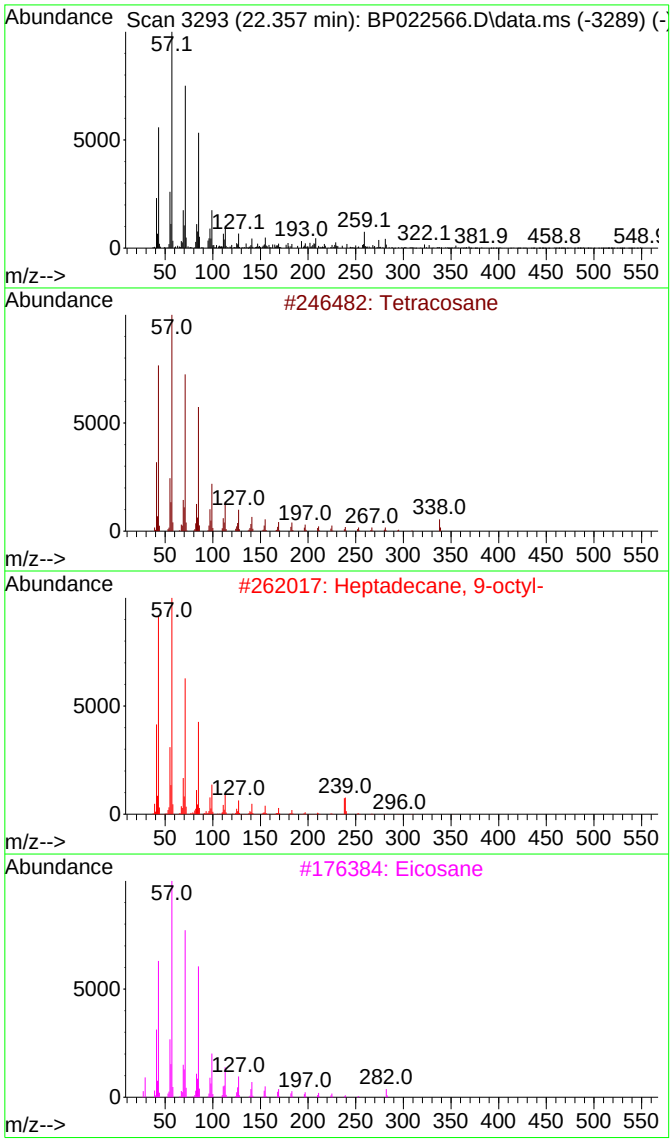
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

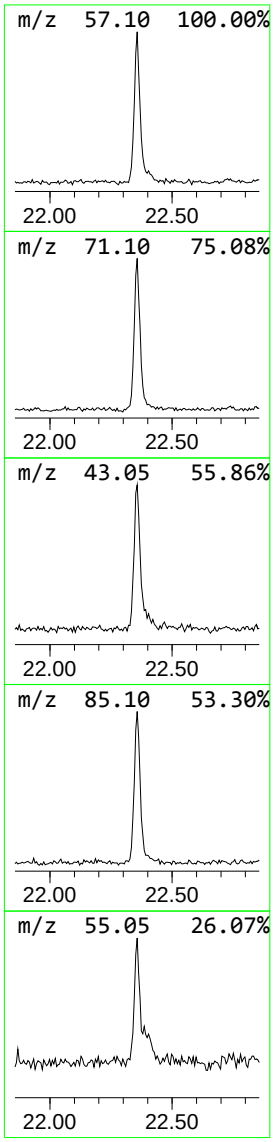
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.357 | 2.50 ng/ul | 276781 | Chrysene-d12 | 21.504 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 95 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 93 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 4 | 2-Methyltetracosane | 352 | C25H52 | 001560-78-7 | 93 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

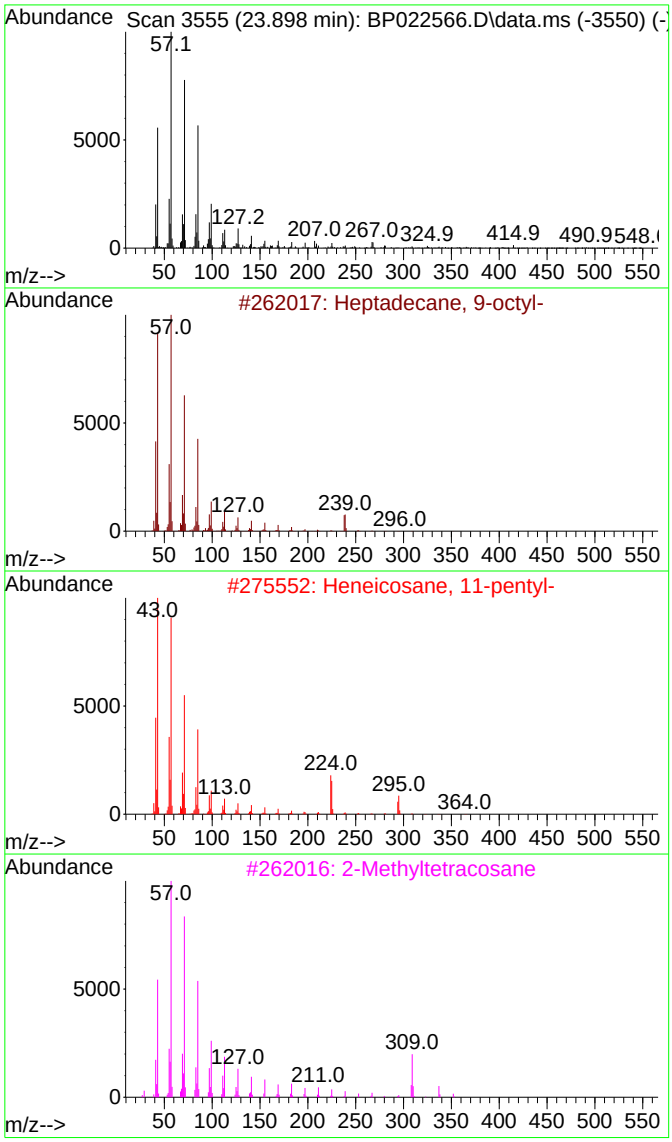
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

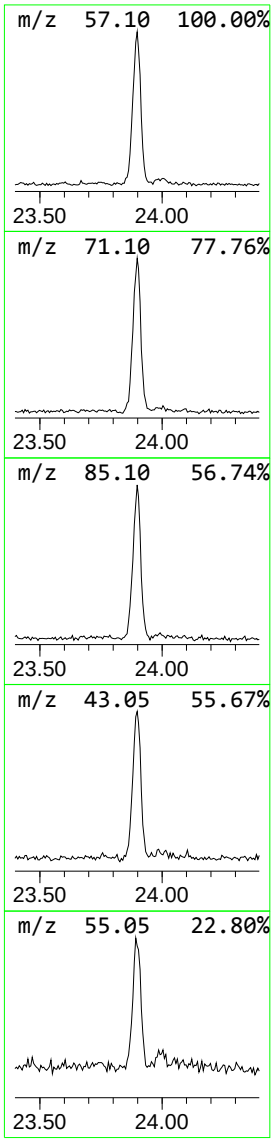
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.898 | 3.37 ng/ul | 362902 | Perylene-d12 | 24.768 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 93 |
| 2 | Heneicosane, 11-pentyl- | 366 | C26H54 | 014739-72-1 | 93 |
| 3 | 2-Methyltetracosane | 352 | C25H52 | 001560-78-7 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022566.D
Acq On : 23 Oct 2024 16:52
Operator : RC/JU
Sample : P4415-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4F54

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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 | 15.639 | 5.1 | ng/ul | 330194 | 3 | 14.263 | 1300780 | 20.0 |
| n-Hexadecanoic ... | 17.998 | 5.3 | ng/ul | 466327 | 4 | 17.063 | 1744420 | 20.0 |
| (DEL) Alkane: S... | 22.357 | 2.5 | ng/ul | 276781 | 5 | 21.504 | 2216570 | 20.0 |
| (DEL) Alkane: S... | 23.898 | 3.4 | ng/ul | 362902 | 6 | 24.768 | 2154170 | 20.0 |