LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** A44R4DL2

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049529.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.546 | 431 | 435 | 444 | rBV2 | 36099 | 63602 | 0.73% | 0.087% |
| 2 | 6.587 | 607 | 612 | 617 | rBV4 | 11246 | 21563 | 0.25% | 0.030% |
| 3 | 6.675 | 622 | 627 | 632 | rVV5 | 12854 | 22885 | 0.26% | 0.031% |
| 4 | 6.734 | 633 | 637 | 648 | rVB4 | 21188 | 53126 | 0.61% | 0.073% |
| 5 | 6.869 | 653 | 660 | 666 | rVV3 | 17509 | 31031 | 0.36% | 0.043% |
| 6 | 7.063 | 688 | 693 | 705 | rVB3 | 25040 | 45703 | 0.53% | 0.063% |
| 7 | 7.181 | 705 | 713 | 721 | rBV2 | 39126 | 84923 | 0.98% | 0.117% |
| 8 | 7.263 | 723 | 727 | 731 | rVB4 | 14426 | 22352 | 0.26% | 0.031% |
| 9 | 7.510 | 762 | 769 | 778 | rBV | 1110344 | 1729241 | 19.87% | 2.373% |
| 10 | 7.769 | 806 | 813 | 828 | rBV | 94969 | 243028 | 2.79% | 0.333% |
| 11 | 8.040 | 854 | 859 | 867 | rBV | 65055 | 113845 | 1.31% | 0.156% |
| 12 | 8.245 | 890 | 894 | 901 | rBV3 | 20389 | 38887 | 0.45% | 0.053% |
| 13 | 8.334 | 903 | 909 | 916 | rVB | 35549 | 65967 | 0.76% | 0.091% |
| 14 | 8.663 | 959 | 965 | 973 | rVB3 | 16654 | 33619 | 0.39% | 0.046% |
| 15 | 8.775 | 979 | 984 | 990 | rBV3 | 15577 | 28997 | 0.33% | 0.040% |
| 16 | 9.263 | 1062 | 1067 | 1072 | rBV3 | 10674 | 17113 | 0.20% | 0.023% |
| 17 | 9.375 | 1079 | 1086 | 1093 | rVB6 | 15924 | 32154 | 0.37% | 0.044% |
| 18 | 9.716 | 1136 | 1144 | 1150 | rBV2 | 30784 | 61646 | 0.71% | 0.085% |
| 19 | 9.781 | 1150 | 1155 | 1159 | rBV2 | 18818 | 32087 | 0.37% | 0.044% |
| 20 | 9.857 | 1165 | 1168 | 1176 | rVB2 | 19796 | 37406 | 0.43% | 0.051% |
| 21 | 9.934 | 1176 | 1181 | 1189 | rVB3 | 20166 | 42024 | 0.48% | 0.058% |
| 22 | 10.275 | 1230 | 1239 | 1256 | rVB | 1378886 | 2342532 | 26.91% | 3.214% |
| 23 | 11.322 | 1410 | 1417 | 1419 | rBV7 | 11673 | 20332 | 0.23% | 0.028% |
| 24 | 11.504 | 1444 | 1448 | 1454 | rVB6 | 12888 | 28897 | 0.33% | 0.040% |
| 25 | 11.610 | 1461 | 1466 | 1471 | rBV7 | 9980 | 17088 | 0.20% | 0.023% |
| 26 | 11.804 | 1486 | 1499 | 1506 | rBV3 | 64357 | 193692 | 2.23% | 0.266% |
| 27 | 11.951 | 1517 | 1524 | 1533 | rVB5 | 13886 | 32505 | 0.37% | 0.045% |
| 28 | 12.169 | 1556 | 1561 | 1567 | rBV4 | 13439 | 27613 | 0.32% | 0.038% |
| 29 | 12.692 | 1644 | 1650 | 1655 | rBV8 | 13193 | 26957 | 0.31% | 0.037% |
| 30 | 12.922 | 1683 | 1689 | 1692 | rBV7 | 13027 | 20776 | 0.24% | 0.029% |
| 31 | 12.992 | 1696 | 1701 | 1708 | rVB10 | 7127 | 18189 | 0.21% | 0.025% |
| 32 | 13.127 | 1718 | 1724 | 1728 | rBV3 | 26275 | 55620 | 0.64% | 0.076% |
| 33 | 13.392 | 1764 | 1769 | 1776 | rBV | 41932 | 75264 | 0.86% | 0.103% |
| 34 | 13.475 | 1779 | 1783 | 1788 | rVV2 | 32951 | 55122 | 0.63% | 0.076% |
| 35 | 13.522 | 1788 | 1791 | 1795 | rVV3 | 14867 | 21130 | 0.24% | 0.029% |
| 36 | 13.575 | 1795 | 1800 | 1802 | rVV2 | 68033 | 101036 | 1.16% | 0.139% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.604 | 1802 | 1805 | 1811 | rVV | 131308 | 215956 | 2.48% | 0.296% |
| 38 | 13.657 | 1811 | 1814 | 1818 | rVV2 | 19180 | 30031 | 0.35% | 0.041% |
| 39 | 13.710 | 1818 | 1823 | 1826 | rVB3 | 25203 | 41411 | 0.48% | 0.057% |
| 40 | 13.874 | 1841 | 1851 | 1865 | rBV | 476444 | 872076 | 10.02% | 1.197% |
| 41 | 13.980 | 1865 | 1869 | 1874 | rVB5 | 19806 | 26469 | 0.30% | 0.036% |
| 42 | 14.157 | 1892 | 1899 | 1905 | rBV | 2046203 | 2961754 | 34.03% | 4.064% |
| 43 | 14.216 | 1906 | 1909 | 1917 | rVB | 65822 | 104869 | 1.20% | 0.144% |
| 44 | 14.374 | 1930 | 1936 | 1940 | rBV8 | 22026 | 48378 | 0.56% | 0.066% |
| 45 | 14.474 | 1946 | 1953 | 1962 | rBV9 | 30145 | 102595 | 1.18% | 0.141% |
| 46 | 14.563 | 1966 | 1968 | 1971 | rVB3 | 19861 | 22881 | 0.26% | 0.031% |
| 47 | 14.639 | 1978 | 1981 | 1985 | rVB | 29942 | 37962 | 0.44% | 0.052% |
| 48 | 14.698 | 1987 | 1991 | 1998 | rBV9 | 21039 | 34420 | 0.40% | 0.047% |
| 49 | 14.774 | 1998 | 2004 | 2009 | rBV3 | 62836 | 157414 | 1.81% | 0.216% |
| 50 | 14.869 | 2017 | 2020 | 2025 | rVB2 | 21656 | 30620 | 0.35% | 0.042% |
| 51 | 14.933 | 2027 | 2031 | 2037 | rBV5 | 27103 | 61157 | 0.70% | 0.084% |
| 52 | 15.033 | 2043 | 2048 | 2055 | rVB | 112526 | 166156 | 1.91% | 0.228% |
| 53 | 15.121 | 2059 | 2063 | 2065 | rBV2 | 30166 | 42388 | 0.49% | 0.058% |
| 54 | 15.157 | 2065 | 2069 | 2074 | rVB | 135313 | 187152 | 2.15% | 0.257% |
| 55 | 15.216 | 2074 | 2079 | 2080 | rBV5 | 65380 | 98200 | 1.13% | 0.135% |
| 56 | 15.339 | 2096 | 2100 | 2104 | rVB2 | 58252 | 72957 | 0.84% | 0.100% |
| 57 | 15.421 | 2109 | 2114 | 2115 | rBV2 | 46377 | 75334 | 0.87% | 0.103% |
| 58 | 15.627 | 2146 | 2149 | 2151 | rBV2 | 20168 | 20399 | 0.23% | 0.028% |
| 59 | 15.892 | 2189 | 2194 | 2197 | rBV3 | 81920 | 144862 | 1.66% | 0.199% |
| 60 | 15.927 | 2197 | 2200 | 2204 | rVB | 75902 | 105645 | 1.21% | 0.145% |
| 61 | 16.033 | 2214 | 2218 | 2220 | rBV | 39399 | 50193 | 0.58% | 0.069% |
| 62 | 16.216 | 2244 | 2249 | 2255 | rBV4 | 51567 | 128989 | 1.48% | 0.177% |
| 63 | 16.274 | 2256 | 2259 | 2262 | rVV2 | 34137 | 44680 | 0.51% | 0.061% |
| 64 | 16.492 | 2292 | 2296 | 2300 | rVB2 | 80556 | 117398 | 1.35% | 0.161% |
| 65 | 16.568 | 2306 | 2309 | 2316 | rVB3 | 55427 | 89843 | 1.03% | 0.123% |
| 66 | 16.645 | 2319 | 2322 | 2328 | rBV4 | 51622 | 93356 | 1.07% | 0.128% |
| 67 | 16.910 | 2361 | 2367 | 2371 | rBV | 2420695 | 3341661 | 38.39% | 4.585% |
| 68 | 16.951 | 2371 | 2374 | 2379 | rVV | 477621 | 611548 | 7.03% | 0.839% |
| 69 | 17.010 | 2380 | 2384 | 2385 | rVV | 88459 | 111689 | 1.28% | 0.153% |
| 70 | 17.039 | 2385 | 2389 | 2395 | rVB | 630231 | 871344 | 10.01% | 1.196% |
| 71 | 17.104 | 2395 | 2400 | 2407 | rBV3 | 119944 | 217211 | 2.50% | 0.298% |
| 72 | 17.321 | 2434 | 2437 | 2440 | rBV | 70875 | 89550 | 1.03% | 0.123% |
| 73 | 17.433 | 2454 | 2456 | 2461 | rVB2 | 83117 | 93612 | 1.08% | 0.128% |
| 74 | 17.786 | 2512 | 2516 | 2520 | rBV | 138881 | 196087 | 2.25% | 0.269% |
| 75 | 17.833 | 2520 | 2524 | 2531 | rVB | 286002 | 392496 | 4.51% | 0.539% |
| 76 | 17.915 | 2533 | 2538 | 2543 | rBV2 | 243084 | 348601 | 4.00% | 0.478% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.980 | 2544 | 2549 | 2553 | rBV2 | 648239 | 1088142 | 12.50% | 1.493% |
| 78 | 18.633 | 2657 | 2660 | 2665 | rVB2 | 147798 | 201098 | 2.31% | 0.276% |
| 79 | 18.715 | 2670 | 2674 | 2680 | rBV | 295895 | 445531 | 5.12% | 0.611% |
| 80 | 18.780 | 2682 | 2685 | 2689 | rVB2 | 200607 | 266153 | 3.06% | 0.365% |
| 81 | 18.857 | 2694 | 2698 | 2706 | rBV | 649052 | 1184811 | 13.61% | 1.626% |
| 82 | 18.980 | 2714 | 2719 | 2725 | rVB | 5079094 | 6427580 | 73.84% | 8.819% |
| 83 | 19.133 | 2741 | 2745 | 2749 | rBV | 296647 | 392401 | 4.51% | 0.538% |
| 84 | 19.345 | 2772 | 2781 | 2790 | rBV | 5255622 | 8704482 | 100.00% | 11.943% |
| 85 | 19.427 | 2791 | 2795 | 2800 | rBV3 | 225585 | 497879 | 5.72% | 0.683% |
| 86 | 19.527 | 2810 | 2812 | 2818 | rVB | 295943 | 390468 | 4.49% | 0.536% |
| 87 | 19.680 | 2834 | 2838 | 2849 | rVB3 | 545054 | 1212393 | 13.93% | 1.664% |
| 88 | 19.951 | 2881 | 2884 | 2888 | rVB | 381349 | 439932 | 5.05% | 0.604% |
| 89 | 20.009 | 2890 | 2894 | 2898 | rVB2 | 861997 | 1191764 | 13.69% | 1.635% |
| 90 | 20.151 | 2914 | 2918 | 2921 | rBV | 679620 | 873706 | 10.04% | 1.199% |
| 91 | 20.192 | 2922 | 2925 | 2930 | rVB | 677676 | 923496 | 10.61% | 1.267% |
| 92 | 20.603 | 2992 | 2995 | 3001 | rBV | 552967 | 727111 | 8.35% | 0.998% |
| 93 | 20.809 | 3027 | 3030 | 3033 | rVB | 496590 | 553767 | 6.36% | 0.760% |
| 94 | 20.845 | 3033 | 3036 | 3044 | rBV2 | 516405 | 1129991 | 12.98% | 1.550% |
| 95 | 21.139 | 3080 | 3086 | 3091 | rBV2 | 3806117 | 8558646 | 98.32% | 11.743% |
| 96 | 21.192 | 3091 | 3095 | 3103 | rVB | 2569687 | 3958915 | 45.48% | 5.432% |
| 97 | 21.797 | 3195 | 3198 | 3202 | rVB | 859003 | 1104295 | 12.69% | 1.515% |
| 98 | 23.068 | 3408 | 3414 | 3420 | rBV2 | 2722081 | 7058034 | 81.09% | 9.684% |
| 99 | 23.803 | 3534 | 3539 | 3550 | rVB | 1427308 | 3160786 | 36.31% | 4.337% |
| 100 | 23.939 | 3555 | 3562 | 3571 | rBV | 1569275 | 4072751 | 46.79% | 5.588% |

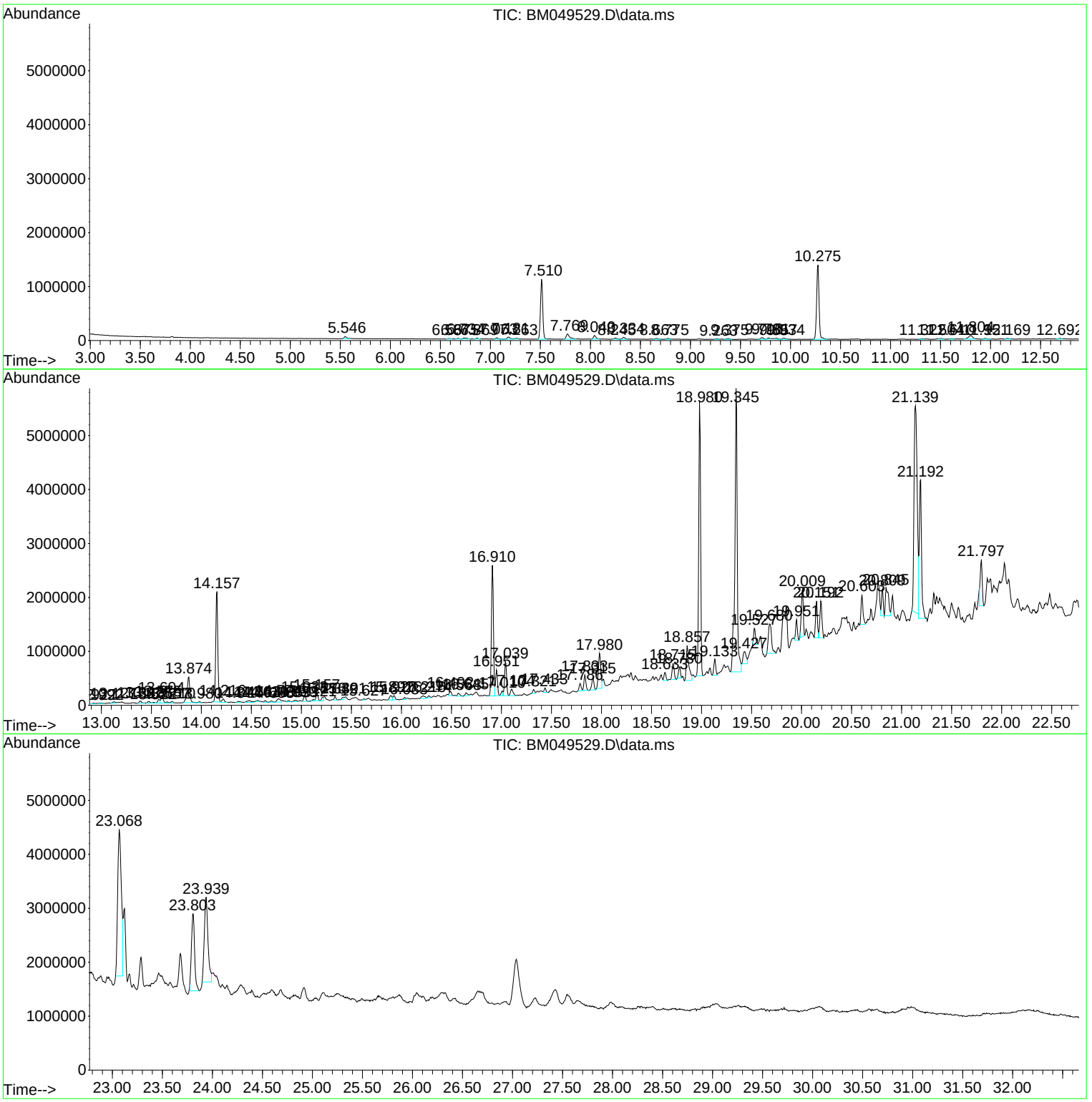
Sum of corrected areas: 72881428

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

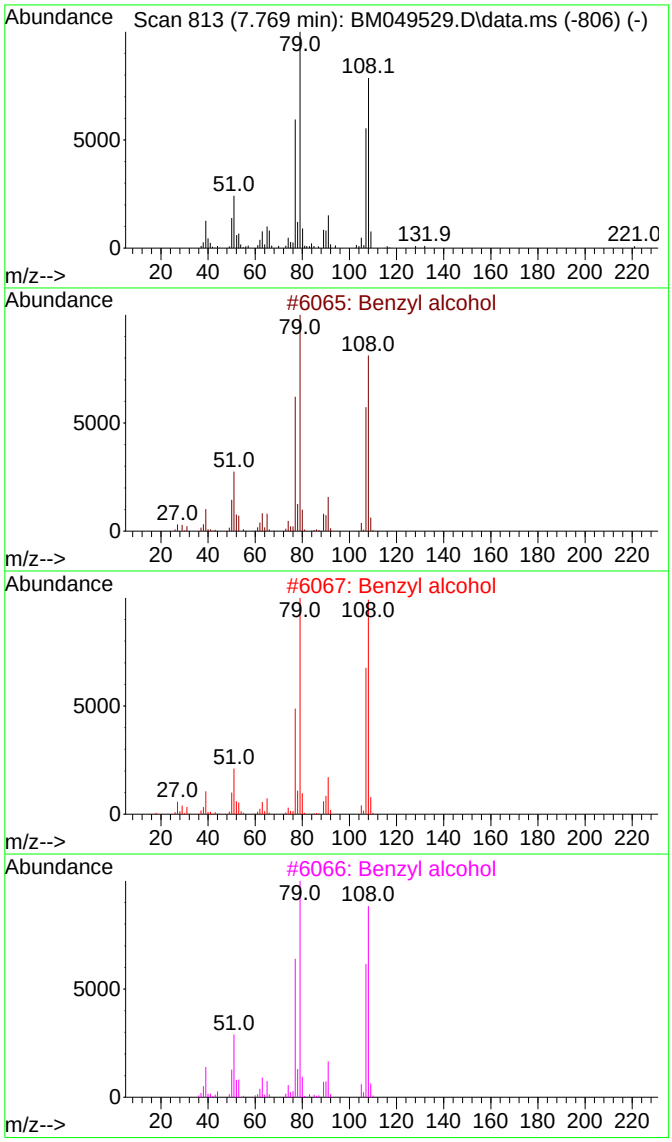
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

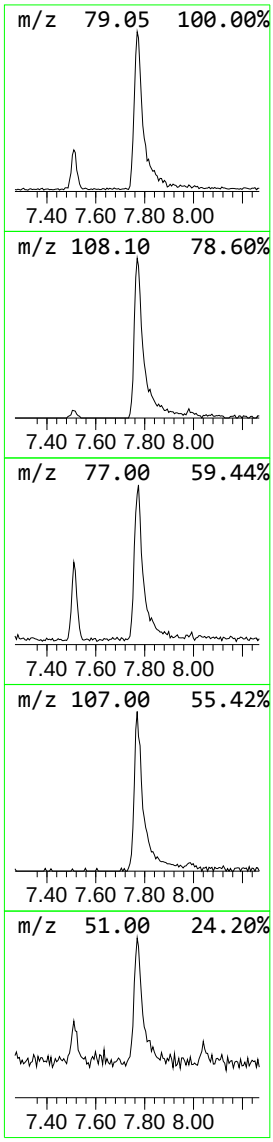
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzyl alcohol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.769 | 2.81 ng/ul | 243028 | 1,4-Dichlorobenzene-d4 | 7.510 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 95 |
| 2 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 93 |
| 3 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 93 |
| 4 | N-Cbz-glycylglycine p-nitropheny... | 387 | C18H17N3O7 | 013574-81-7 | 91 |
| 5 | N-.alpha.,N-.omega.-Di-cbz-L-arg... | 442 | C22H26N4O6 | 053934-75-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

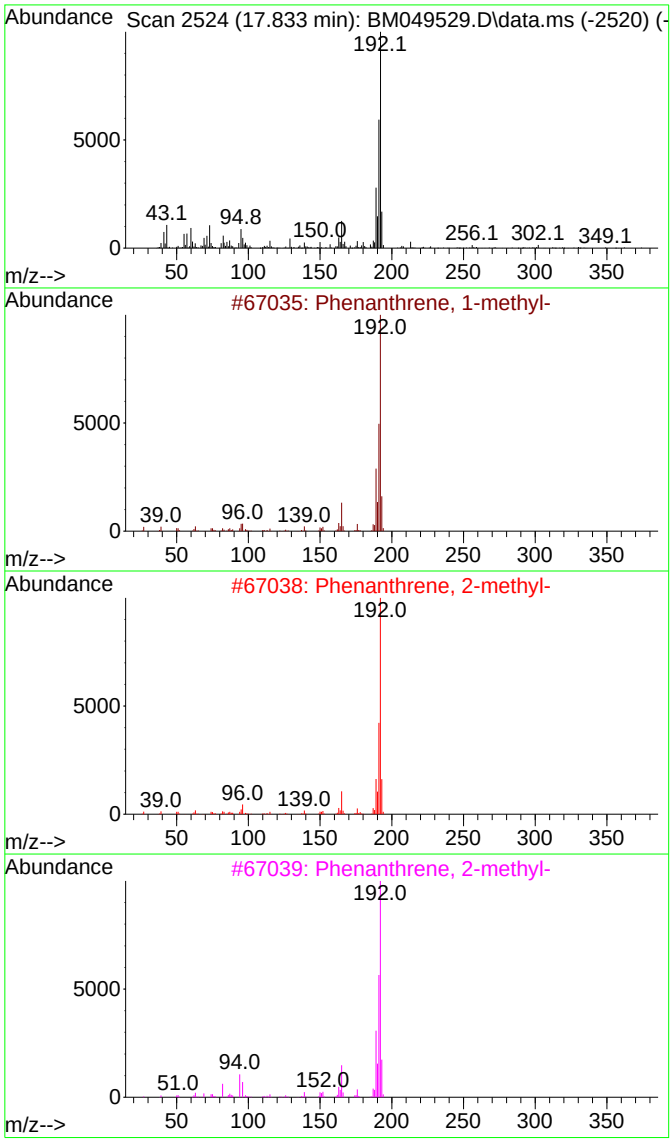
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

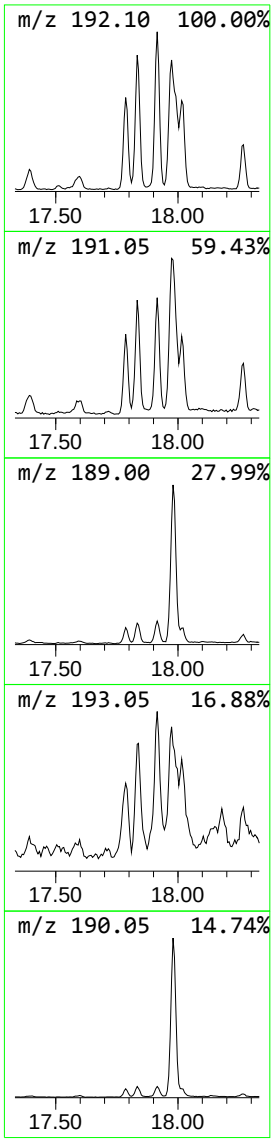
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.833 | 2.35 ng/ul | 392496 | Phenanthrene-d10 | 16.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 92 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

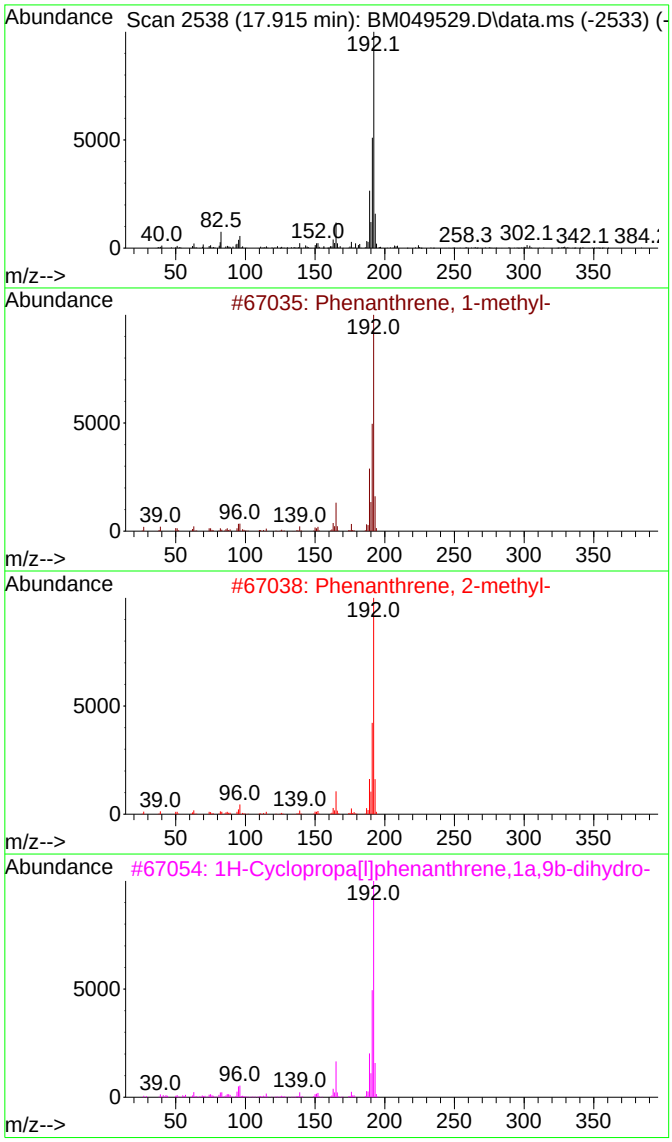
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

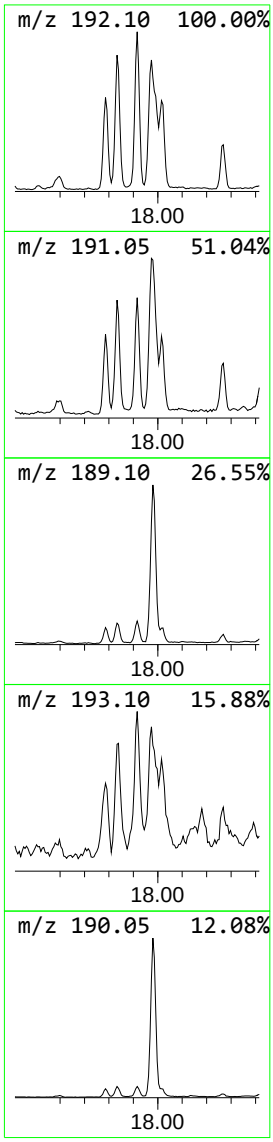
**********

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.915 | 2.09 ng/ul | 348601 | Phenanthrene-d10 | 16.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 97 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

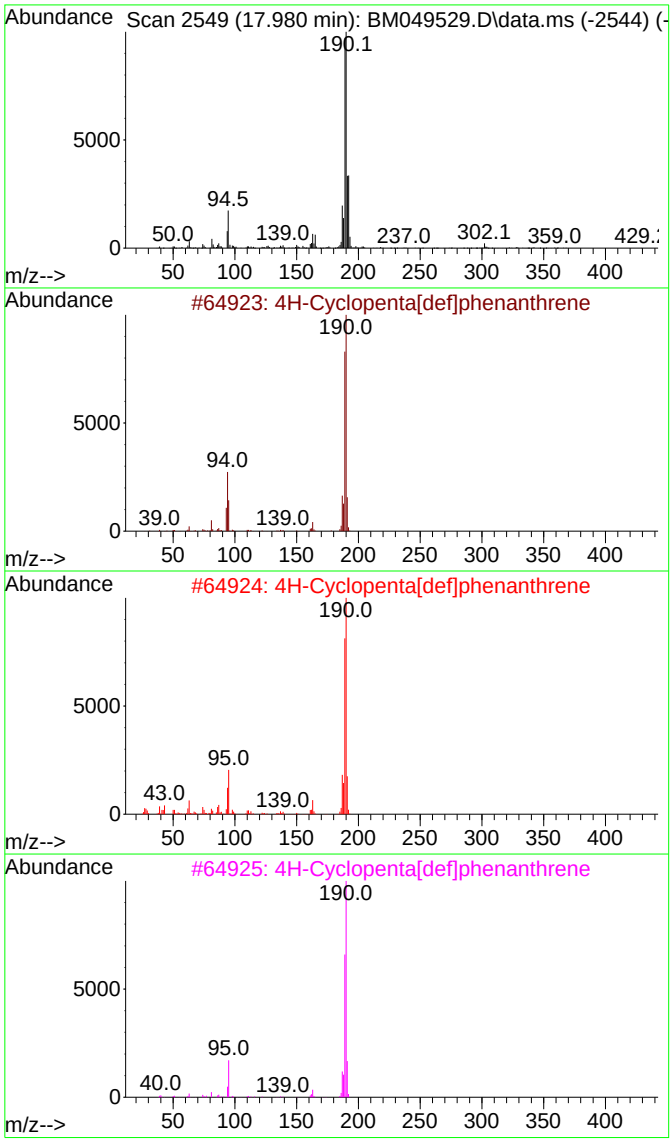
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

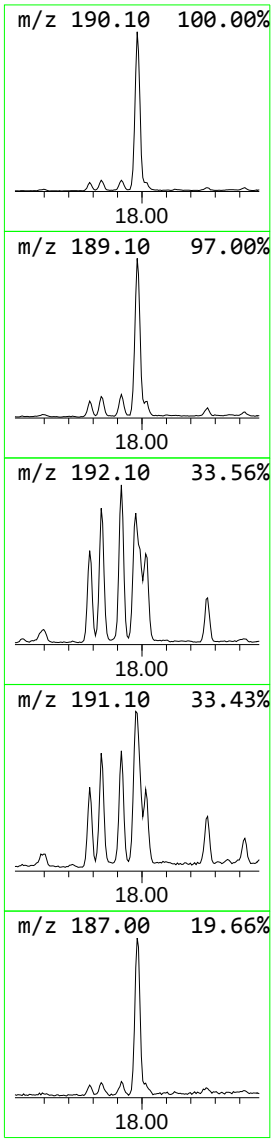
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.980 | 6.51 ng/ul | 1088140 | Phenanthrene-d10 | 16.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 94 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 76 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 68 |
| 4 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 50 |
| 5 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

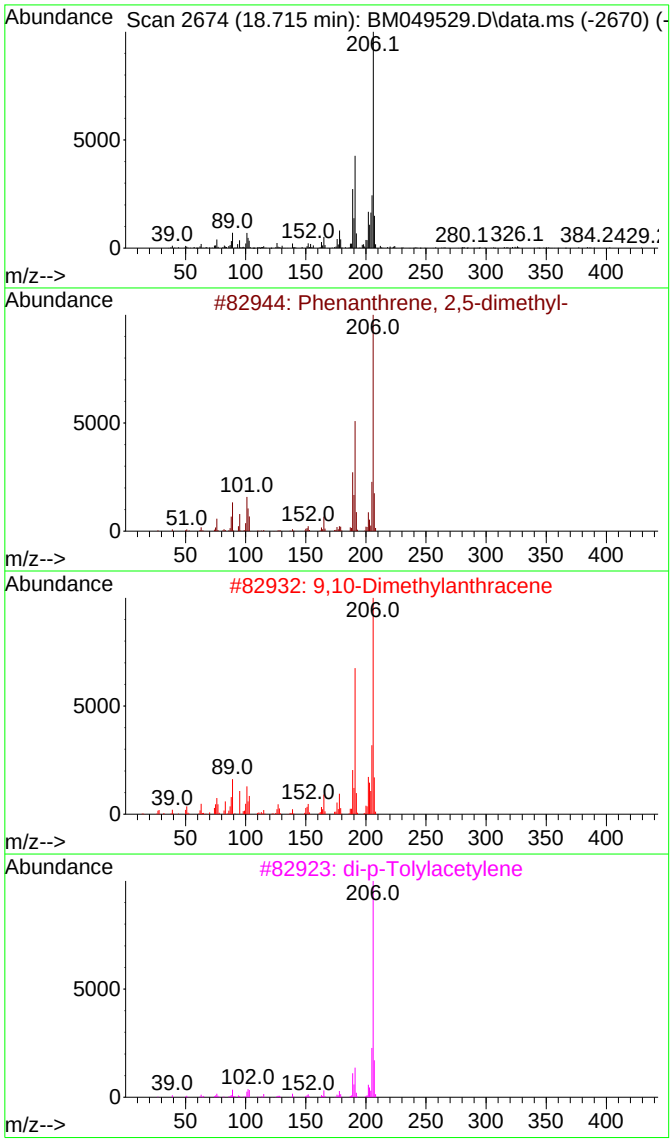
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

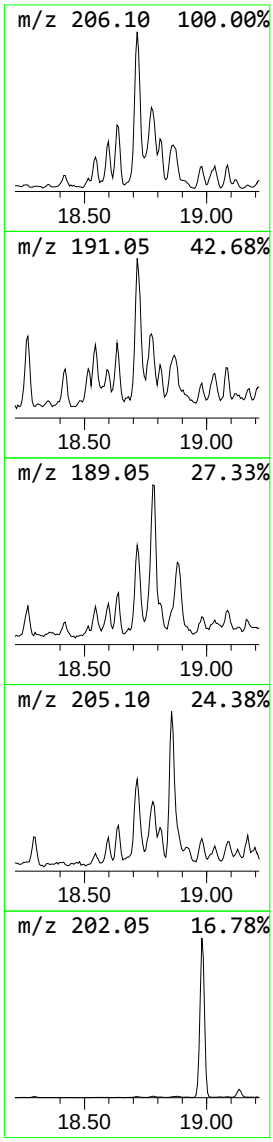
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.715 | 2.67 ng/ul | 445531 | Phenanthrene-d10 | 16.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 96 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 95 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 94 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

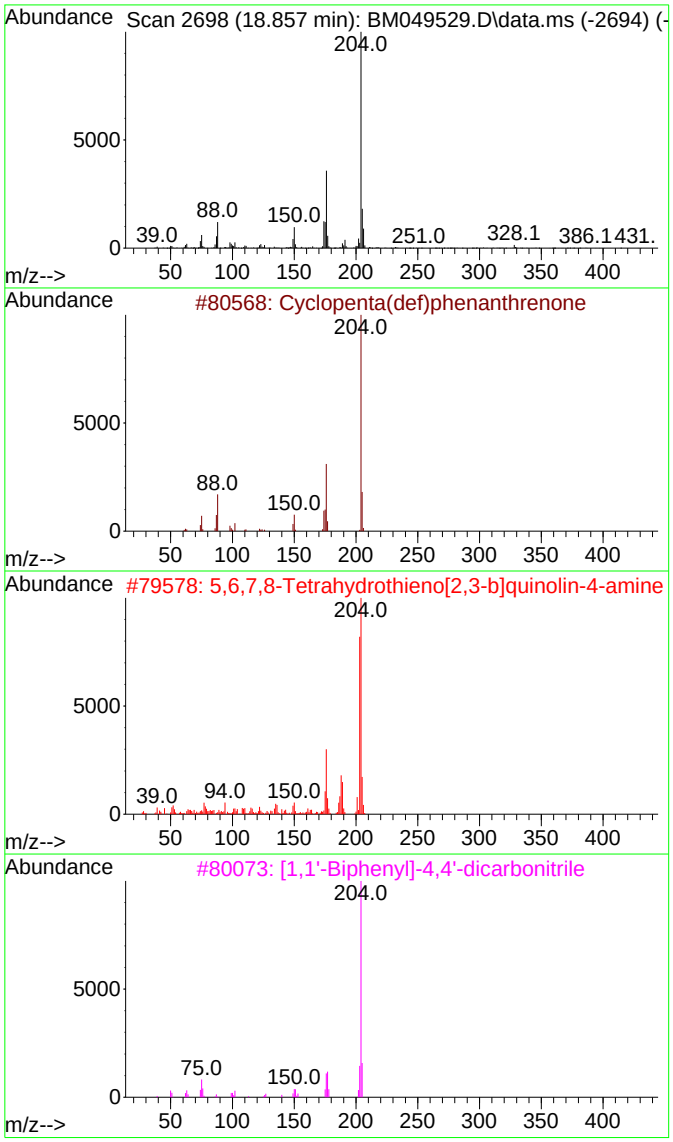
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

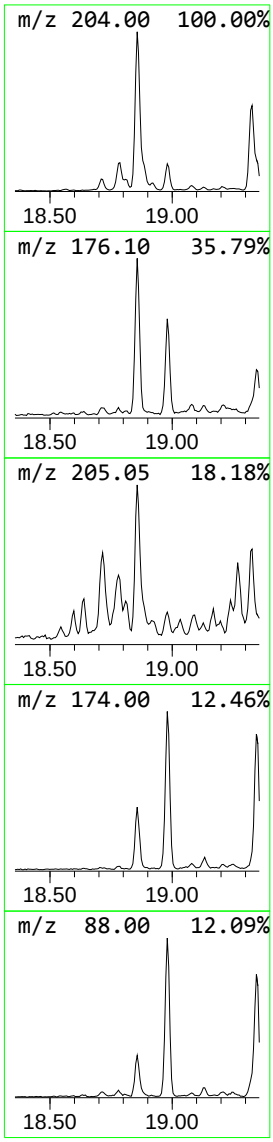
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.857 | 7.09 ng/ul | 1184810 | Phenanthrene-d10 | 16.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 96 |
| 2 | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204 | C11H12N2S | 122914-50-5 | 72 |
| 3 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 59 |
| 4 | (E)-Ethyl 3-oxo-2-(pyrid-2-yl)me... | 219 | C12H13NO3 | 1000147-59-7 | 59 |
| 5 | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204 | C14H8N2 | 004341-02-0 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

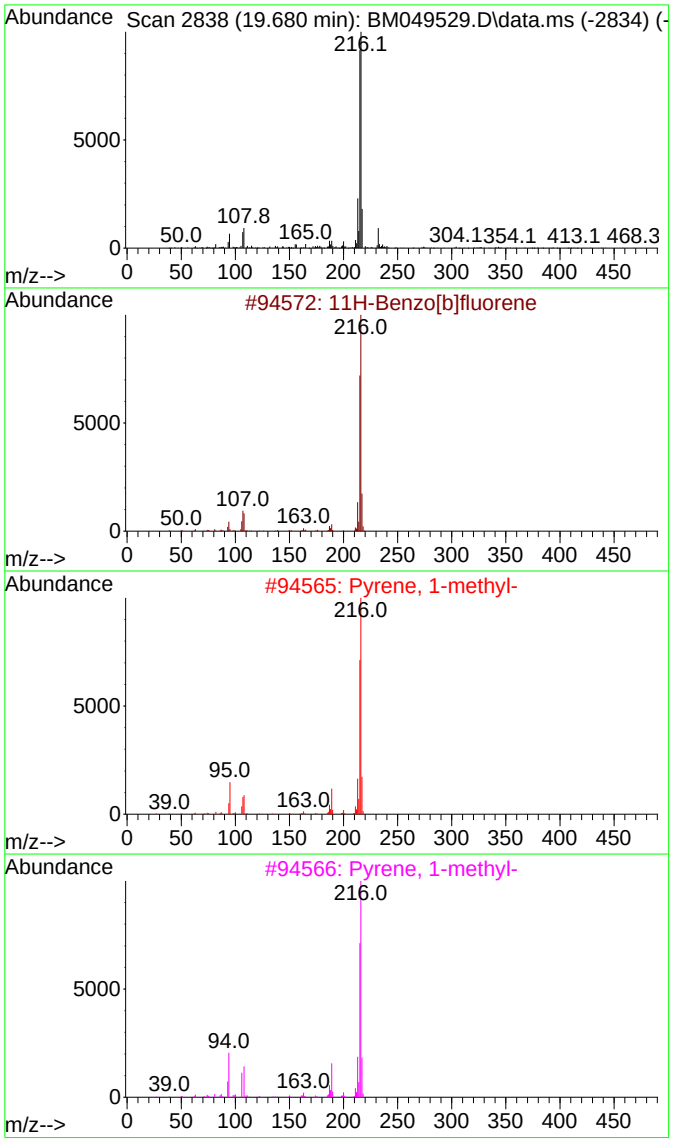
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

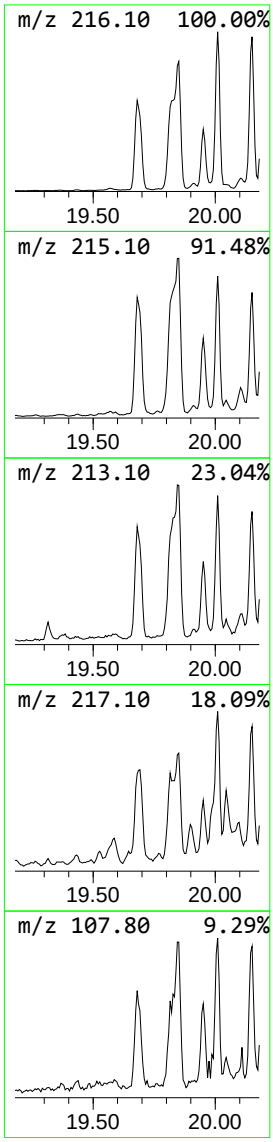
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.680 | 2.83 ng/ul | 1212390 | Chrysene-d12 | 21.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 83 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 74 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 64 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

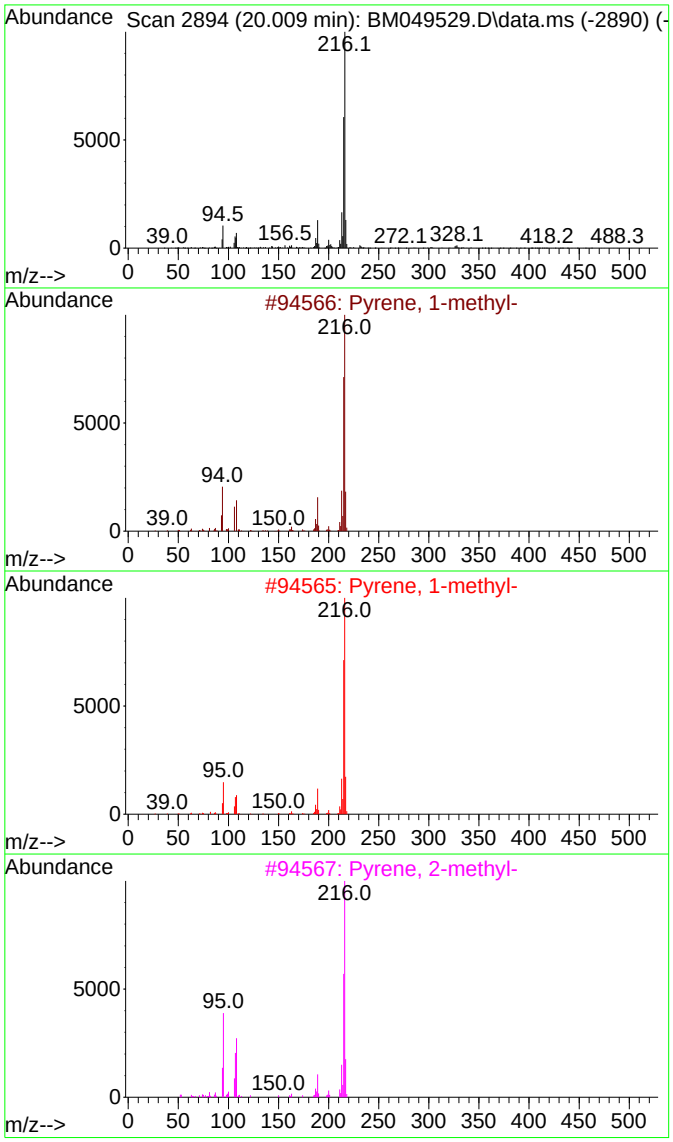
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

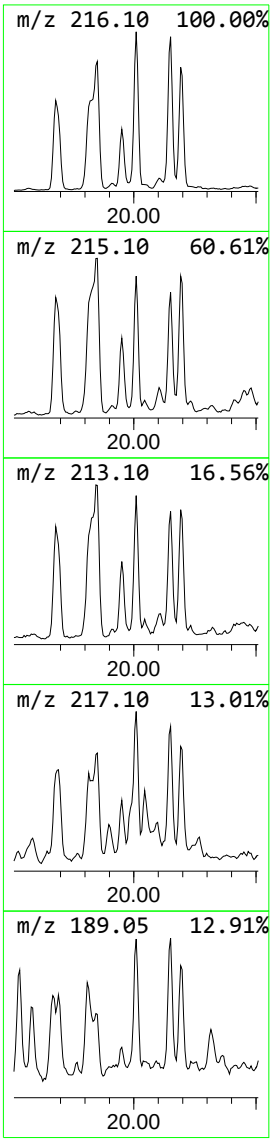
**********

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.009 | 2.78 ng/ul | 1191760 | Chrysene-d12 | 21.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 94 |
| 4 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 93 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

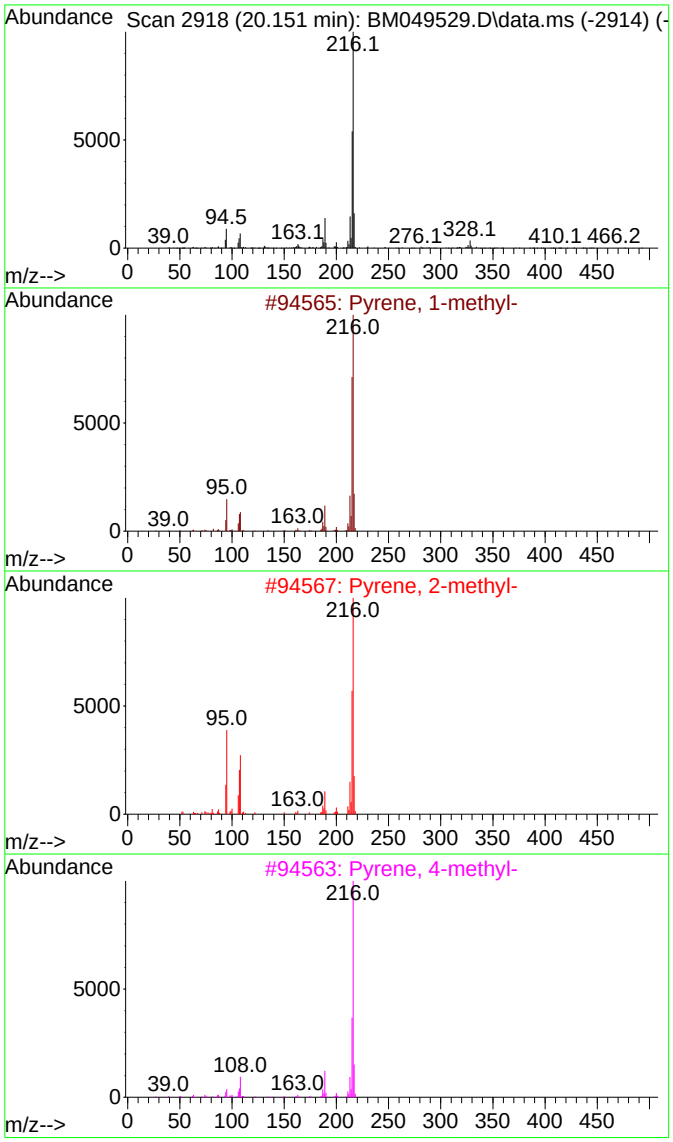
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

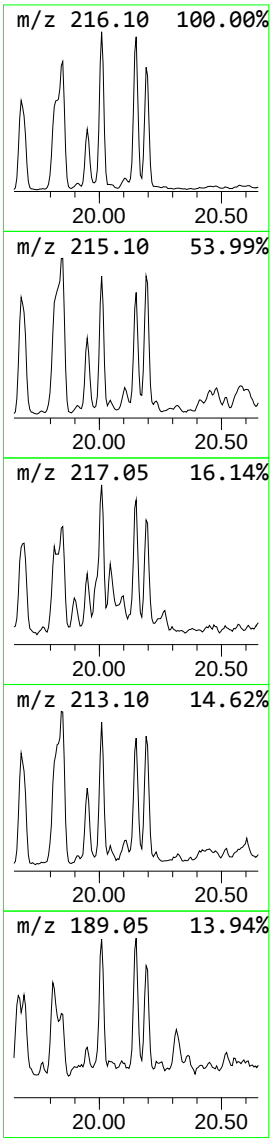
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.151 | 2.04 ng/ul | 873706 | Chrysene-d12 | 21.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 94 |
| 3 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 94 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

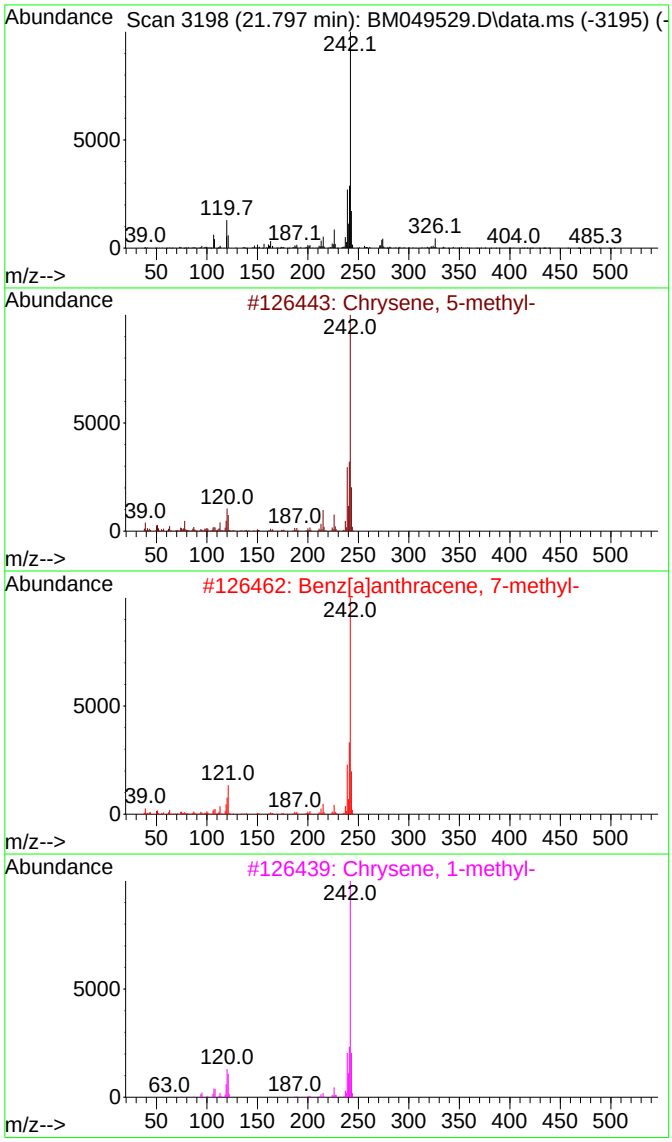
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

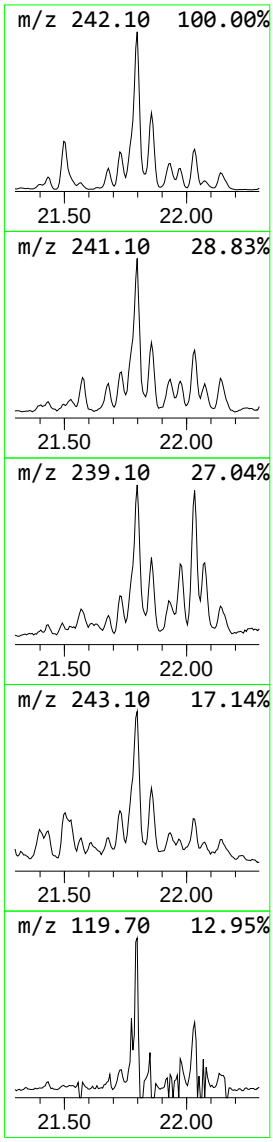
**********

Peak Number 12 Chrysene, 5-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.797 | 2.58 ng/ul | 1104300 | Chrysene-d12 | 21.151 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chrysene, 5-methyl- | 242 | C19H14 | 003697-24-3 | 93 |
| 2 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 93 |
| 3 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 90 |
| 4 | 2-Methylchrysene | 242 | C19H14 | 003351-32-4 | 89 |
| 5 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 89 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A44R4DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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 |
| Benzyl alcohol | 7.769 | 2.8 | ng/ul | 243028 | 1 | 7.510 | 1729240 | 20.0 |
| Phenanthrene, 1... | 17.833 | 2.4 | ng/ul | 392496 | 4 | 16.910 | 3341660 | 20.0 |
| Phenanthrene, 2... | 17.915 | 2.1 | ng/ul | 348601 | 4 | 16.910 | 3341660 | 20.0 |
| 4H-Cyclopenta[d... | 17.980 | 6.5 | ng/ul | 1088140 | 4 | 16.910 | 3341660 | 20.0 |
| Phenanthrene, 2... | 18.715 | 2.7 | ng/ul | 445531 | 4 | 16.910 | 3341660 | 20.0 |
| Cyclopenta(def)... | 18.857 | 7.1 | ng/ul | 1184810 | 4 | 16.910 | 3341660 | 20.0 |
| 11H-Benzo[b]flu... | 19.680 | 2.8 | ng/ul | 1212390 | 5 | 21.151 | 8558650 | 20.0 |
| Pyrene, 1-methyl- | 20.009 | 2.8 | ng/ul | 1191760 | 5 | 21.151 | 8558650 | 20.0 |
| Pyrene, 2-methyl- | 20.151 | 2.0 | ng/ul | 873706 | 5 | 21.151 | 8558650 | 20.0 |
| Chrysene, 5-met... | 21.797 | 2.6 | ng/ul | 1104300 | 5 | 21.151 | 8558650 | 20.0 |