LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

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-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014349.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.628 | 408 | 415 | 432 | rVB | 80582 | 167941 | 0.33% | 0.108% |
| 2 | 6.005 | 471 | 479 | 483 | rBV3 | 103039 | 179445 | 0.35% | 0.116% |
| 3 | 7.093 | 659 | 664 | 669 | rBV | 116694 | 177007 | 0.35% | 0.114% |
| 4 | 7.152 | 669 | 674 | 676 | rVV3 | 94900 | 157702 | 0.31% | 0.102% |
| 5 | 7.181 | 676 | 679 | 684 | rVV | 180167 | 324389 | 0.64% | 0.209% |
| 6 | 7.228 | 684 | 687 | 693 | rVB | 158738 | 230888 | 0.46% | 0.149% |
| 7 | 7.346 | 700 | 707 | 713 | rBV | 693868 | 1091446 | 2.15% | 0.704% |
| 8 | 7.552 | 735 | 742 | 749 | rVV | 661842 | 1123398 | 2.22% | 0.725% |
| 9 | 7.622 | 749 | 754 | 756 | rVV | 226218 | 326356 | 0.64% | 0.210% |
| 10 | 7.658 | 756 | 760 | 768 | rVV | 582498 | 918607 | 1.81% | 0.592% |
| 11 | 8.022 | 817 | 822 | 830 | rVV | 579522 | 911040 | 1.80% | 0.588% |
| 12 | 8.134 | 835 | 841 | 847 | rVV | 335703 | 550772 | 1.09% | 0.355% |
| 13 | 8.393 | 876 | 885 | 891 | rBV | 182210 | 306477 | 0.60% | 0.198% |
| 14 | 8.563 | 908 | 914 | 923 | rVB2 | 453682 | 796239 | 1.57% | 0.514% |
| 15 | 8.658 | 923 | 930 | 936 | rBV2 | 320739 | 536136 | 1.06% | 0.346% |
| 16 | 8.734 | 936 | 943 | 954 | rVV | 567242 | 1011405 | 2.00% | 0.652% |
| 17 | 8.975 | 978 | 984 | 988 | rBV | 143179 | 217645 | 0.43% | 0.140% |
| 18 | 9.028 | 988 | 993 | 998 | rVB | 153305 | 224814 | 0.44% | 0.145% |
| 19 | 9.128 | 1004 | 1010 | 1016 | rVV2 | 303802 | 507874 | 1.00% | 0.328% |
| 20 | 9.199 | 1016 | 1022 | 1027 | rVV | 933747 | 1684064 | 3.32% | 1.086% |
| 21 | 9.240 | 1027 | 1029 | 1034 | rVB | 253514 | 300169 | 0.59% | 0.194% |
| 22 | 9.463 | 1061 | 1067 | 1072 | rBV3 | 101674 | 202595 | 0.40% | 0.131% |
| 23 | 9.657 | 1095 | 1100 | 1105 | rBV | 219702 | 319626 | 0.63% | 0.206% |
| 24 | 9.716 | 1105 | 1110 | 1117 | rBV | 302792 | 473420 | 0.93% | 0.305% |
| 25 | 9.922 | 1140 | 1145 | 1157 | rVV | 764582 | 1427067 | 2.82% | 0.920% |
| 26 | 10.081 | 1168 | 1172 | 1181 | rVB | 155076 | 279002 | 0.55% | 0.180% |
| 27 | 10.234 | 1192 | 1198 | 1206 | rBV2 | 354705 | 687269 | 1.36% | 0.443% |
| 28 | 10.469 | 1232 | 1238 | 1245 | rBV | 1030229 | 1834148 | 3.62% | 1.183% |
| 29 | 10.540 | 1245 | 1250 | 1257 | rVB2 | 139401 | 259962 | 0.51% | 0.168% |
| 30 | 10.799 | 1289 | 1294 | 1297 | rBV | 125019 | 214638 | 0.42% | 0.138% |
| 31 | 10.846 | 1297 | 1302 | 1306 | rVV | 857970 | 1576753 | 3.11% | 1.017% |
| 32 | 10.904 | 1306 | 1312 | 1318 | rVV | 6726381 | 11746905 | 23.17% | 7.577% |
| 33 | 10.993 | 1322 | 1327 | 1344 | rVB2 | 408245 | 1061503 | 2.09% | 0.685% |
| 34 | 11.951 | 1482 | 1490 | 1500 | rBV4 | 66060 | 175802 | 0.35% | 0.113% |
| 35 | 12.240 | 1532 | 1539 | 1545 | rBV2 | 110135 | 197284 | 0.39% | 0.127% |
| 36 | 12.504 | 1577 | 1584 | 1595 | rVB | 1802555 | 2848363 | 5.62% | 1.837% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
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Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

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-BP032823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.722 | 1608 | 1621 | 1630 | rBV | 1415355 | 2269325 | 4.48% | 1.464% |
| 38 | 13.481 | 1744 | 1750 | 1751 | rVV2 | 157872 | 216034 | 0.43% | 0.139% |
| 39 | 13.504 | 1751 | 1754 | 1760 | rVB | 513741 | 747534 | 1.47% | 0.482% |
| 40 | 13.704 | 1775 | 1788 | 1790 | rBV2 | 305434 | 628877 | 1.24% | 0.406% |
| 41 | 13.834 | 1803 | 1810 | 1811 | rBV | 410409 | 581347 | 1.15% | 0.375% |
| 42 | 13.993 | 1830 | 1837 | 1842 | rVV | 955602 | 1635143 | 3.23% | 1.055% |
| 43 | 14.045 | 1842 | 1846 | 1848 | rVV | 613880 | 856972 | 1.69% | 0.553% |
| 44 | 14.081 | 1848 | 1852 | 1858 | rVV | 2365224 | 3293131 | 6.50% | 2.124% |
| 45 | 14.228 | 1872 | 1877 | 1881 | rBV | 466005 | 729467 | 1.44% | 0.470% |
| 46 | 14.263 | 1881 | 1883 | 1889 | rVB | 197744 | 219991 | 0.43% | 0.142% |
| 47 | 14.369 | 1894 | 1901 | 1914 | rBV | 2378679 | 4104478 | 8.10% | 2.647% |
| 48 | 14.551 | 1927 | 1932 | 1937 | rBV2 | 206240 | 288459 | 0.57% | 0.186% |
| 49 | 14.645 | 1940 | 1948 | 1949 | rVV2 | 367674 | 563487 | 1.11% | 0.363% |
| 50 | 14.675 | 1949 | 1953 | 1958 | rVV | 1416936 | 2108753 | 4.16% | 1.360% |
| 51 | 14.751 | 1958 | 1966 | 1971 | rVV5 | 305807 | 712444 | 1.41% | 0.460% |
| 52 | 14.892 | 1982 | 1990 | 1996 | rVV3 | 341711 | 874320 | 1.72% | 0.564% |
| 53 | 14.963 | 1996 | 2002 | 2009 | rVV3 | 151655 | 379280 | 0.75% | 0.245% |
| 54 | 15.069 | 2014 | 2020 | 2027 | rVV2 | 506166 | 987013 | 1.95% | 0.637% |
| 55 | 15.145 | 2027 | 2033 | 2041 | rVV | 386447 | 668681 | 1.32% | 0.431% |
| 56 | 15.222 | 2041 | 2046 | 2051 | rVV2 | 261250 | 411087 | 0.81% | 0.265% |
| 57 | 15.304 | 2051 | 2060 | 2064 | rVV2 | 1670529 | 2918467 | 5.76% | 1.882% |
| 58 | 15.340 | 2064 | 2066 | 2071 | rVB | 302907 | 364960 | 0.72% | 0.235% |
| 59 | 15.463 | 2079 | 2087 | 2090 | rBV2 | 259860 | 614527 | 1.21% | 0.396% |
| 60 | 15.498 | 2090 | 2093 | 2099 | rVB2 | 449410 | 623431 | 1.23% | 0.402% |
| 61 | 15.604 | 2106 | 2111 | 2113 | rBV2 | 119974 | 210511 | 0.42% | 0.136% |
| 62 | 15.669 | 2117 | 2122 | 2127 | rVV | 3211506 | 4699211 | 9.27% | 3.031% |
| 63 | 15.722 | 2127 | 2131 | 2135 | rVV2 | 447016 | 868117 | 1.71% | 0.560% |
| 64 | 15.798 | 2139 | 2144 | 2150 | rVV | 1309541 | 2255561 | 4.45% | 1.455% |
| 65 | 15.845 | 2150 | 2152 | 2155 | rVV | 224687 | 327049 | 0.65% | 0.211% |
| 66 | 15.881 | 2155 | 2158 | 2164 | rVV4 | 258360 | 532055 | 1.05% | 0.343% |
| 67 | 15.934 | 2164 | 2167 | 2173 | rVV2 | 155414 | 310858 | 0.61% | 0.200% |
| 68 | 16.016 | 2174 | 2181 | 2191 | rVB3 | 213125 | 617814 | 1.22% | 0.398% |
| 69 | 16.169 | 2204 | 2207 | 2214 | rVB2 | 151477 | 238916 | 0.47% | 0.154% |
| 70 | 16.369 | 2237 | 2241 | 2243 | rBV | 325953 | 430973 | 0.85% | 0.278% |
| 71 | 16.392 | 2243 | 2245 | 2258 | rVB2 | 320095 | 566584 | 1.12% | 0.365% |
| 72 | 16.492 | 2258 | 2262 | 2265 | rBV | 105528 | 167706 | 0.33% | 0.108% |
| 73 | 16.710 | 2295 | 2299 | 2302 | rBV3 | 186926 | 325948 | 0.64% | 0.210% |
| 74 | 16.781 | 2307 | 2311 | 2325 | rVB2 | 318545 | 607923 | 1.20% | 0.392% |
| 75 | 16.881 | 2325 | 2328 | 2333 | rVB | 172107 | 239187 | 0.47% | 0.154% |
| 76 | 16.939 | 2334 | 2338 | 2341 | rBV | 128526 | 222674 | 0.44% | 0.144% |

LSC Area Percent Report

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Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

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-BP032823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.104 | 2357 | 2366 | 2374 | rBV | 28117150 | 50691677 | 100.00% | 32.695% |
| 78 | 17.169 | 2374 | 2377 | 2383 | rVB2 | 276020 | 404196 | 0.80% | 0.261% |
| 79 | 17.257 | 2389 | 2392 | 2406 | rVB | 244054 | 407135 | 0.80% | 0.263% |
| 80 | 17.439 | 2417 | 2423 | 2427 | rBV | 1747630 | 2471598 | 4.88% | 1.594% |
| 81 | 17.481 | 2427 | 2430 | 2435 | rVV | 949774 | 1298443 | 2.56% | 0.837% |
| 82 | 17.539 | 2435 | 2440 | 2449 | rVB2 | 3446012 | 4996397 | 9.86% | 3.223% |
| 83 | 17.904 | 2499 | 2502 | 2507 | rVB | 156393 | 191967 | 0.38% | 0.124% |
| 84 | 18.016 | 2517 | 2521 | 2524 | rVV | 121459 | 173870 | 0.34% | 0.112% |
| 85 | 18.298 | 2564 | 2569 | 2573 | rBV | 763948 | 1074178 | 2.12% | 0.693% |
| 86 | 18.345 | 2573 | 2577 | 2583 | rVV | 459503 | 661478 | 1.30% | 0.427% |
| 87 | 18.422 | 2587 | 2590 | 2595 | rVV | 133947 | 210755 | 0.42% | 0.136% |
| 88 | 18.481 | 2595 | 2600 | 2604 | rVV2 | 456111 | 808252 | 1.59% | 0.521% |
| 89 | 18.522 | 2604 | 2607 | 2612 | rVB | 348790 | 440555 | 0.87% | 0.284% |
| 90 | 18.781 | 2647 | 2651 | 2655 | rVB | 113140 | 156654 | 0.31% | 0.101% |
| 91 | 19.180 | 2714 | 2719 | 2723 | rBV | 438330 | 626838 | 1.24% | 0.404% |
| 92 | 19.333 | 2738 | 2745 | 2753 | rBV8 | 104794 | 344446 | 0.68% | 0.222% |
| 93 | 19.433 | 2759 | 2762 | 2768 | rVB2 | 172823 | 242229 | 0.48% | 0.156% |
| 94 | 19.528 | 2775 | 2778 | 2783 | rBV2 | 171285 | 214987 | 0.42% | 0.139% |
| 95 | 19.769 | 2812 | 2819 | 2830 | rVB | 4138169 | 5996811 | 11.83% | 3.868% |
| 96 | 20.257 | 2900 | 2902 | 2910 | rVB3 | 98112 | 152049 | 0.30% | 0.098% |
| 97 | 21.204 | 3059 | 3063 | 3075 | rBV2 | 216881 | 380015 | 0.75% | 0.245% |
| 98 | 21.522 | 3112 | 3117 | 3123 | rBV2 | 1801760 | 2459165 | 4.85% | 1.586% |
| 99 | 23.886 | 3512 | 3519 | 3531 | rVB2 | 2160419 | 4285488 | 8.45% | 2.764% |
| 100 | 24.051 | 3541 | 3547 | 3555 | rVB2 | 929843 | 1887479 | 3.72% | 1.217% |

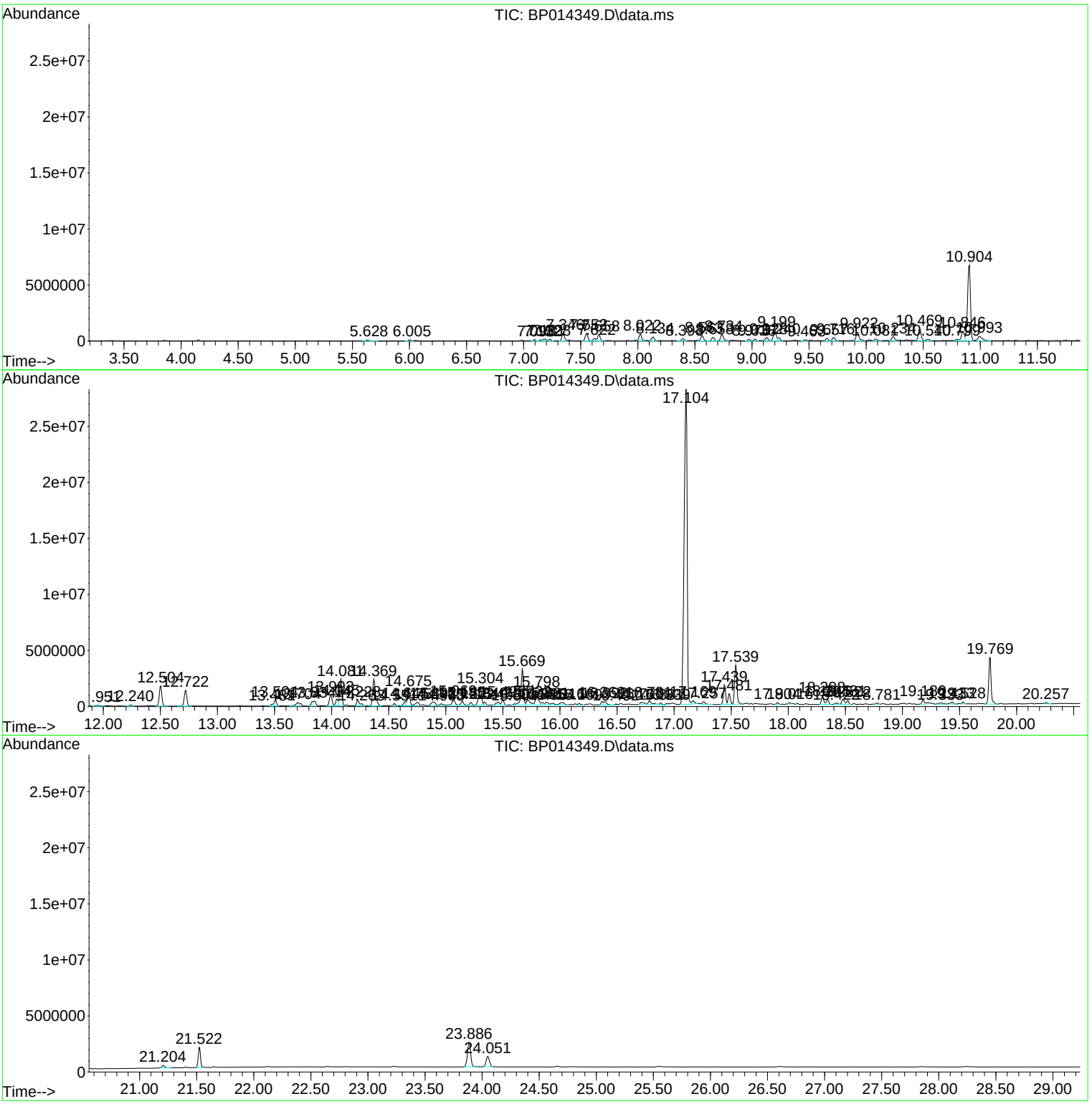
Sum of corrected areas: 155043108

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

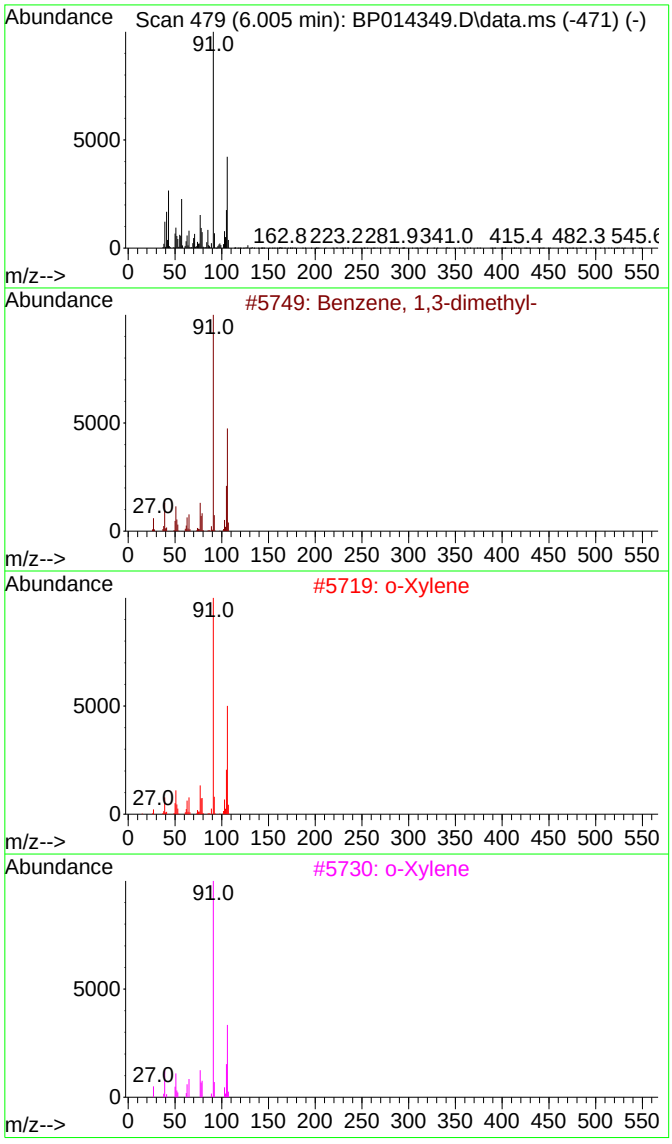
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

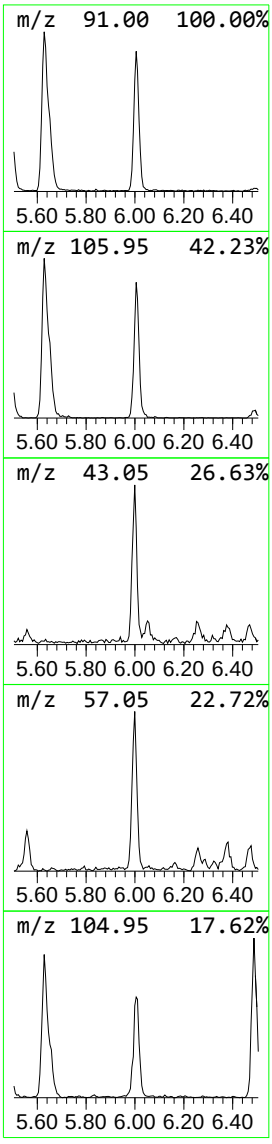
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.005 | 3.94 ng/ul | 179445 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 94 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 94 |
| 3 | o-Xylene | 106 | C8H10 | 000095-47-6 | 93 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 93 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

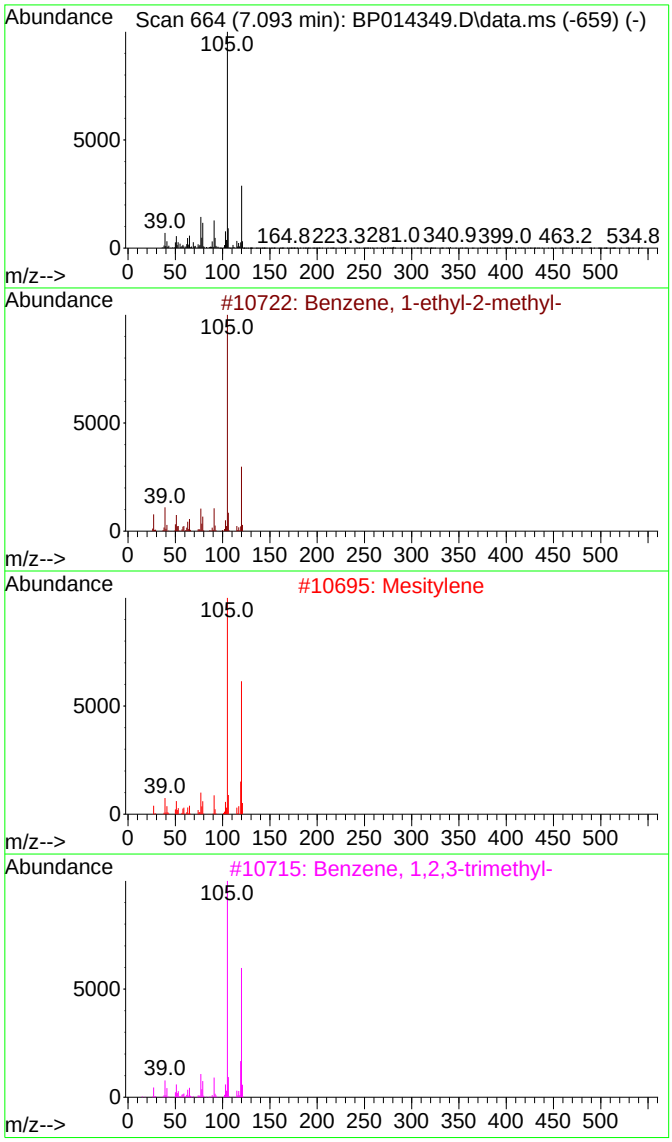
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

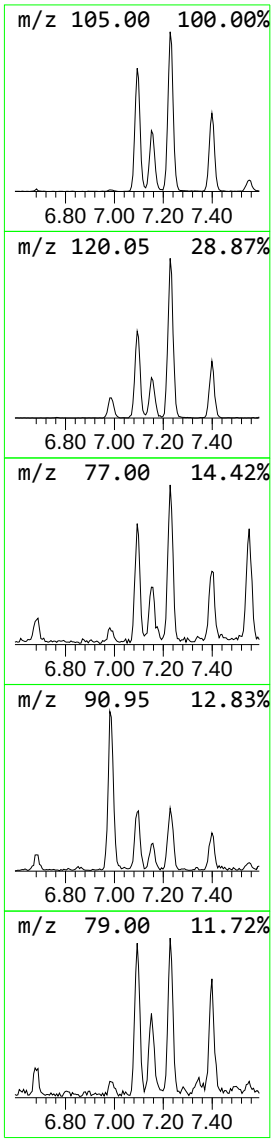
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.093 | 3.89 ng/ul | 177007 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

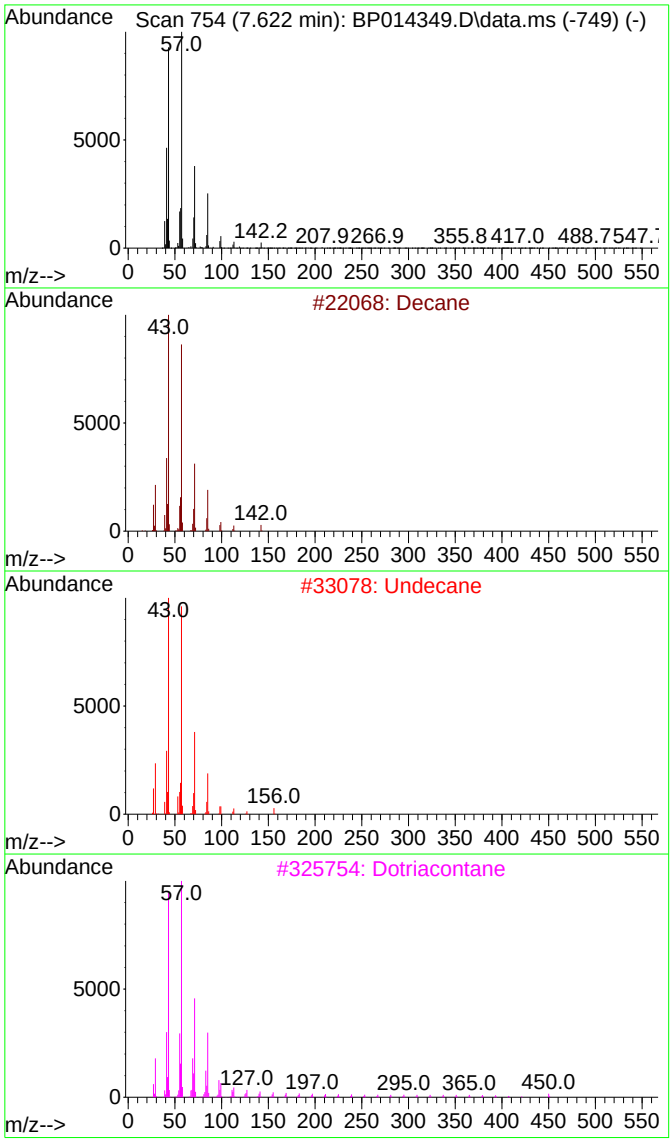
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

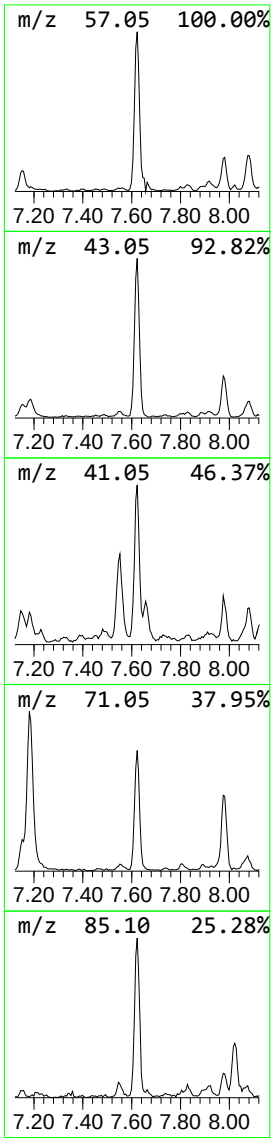
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.622 | 7.16 ng/ul | 326356 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 94 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 90 |
| 3 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 90 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

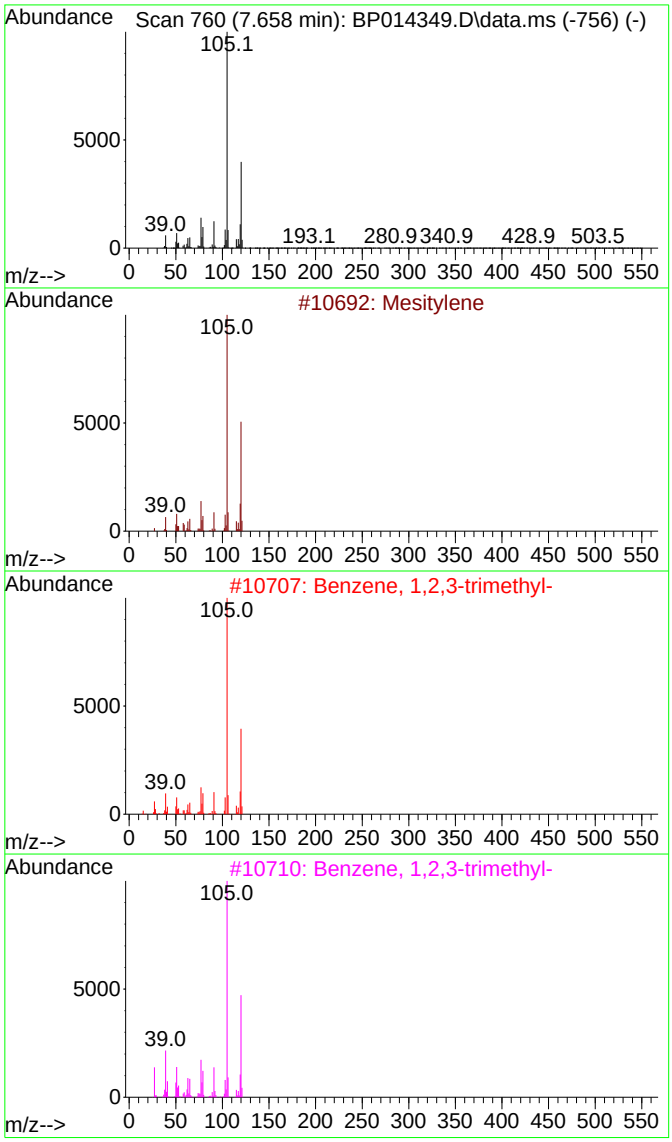
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

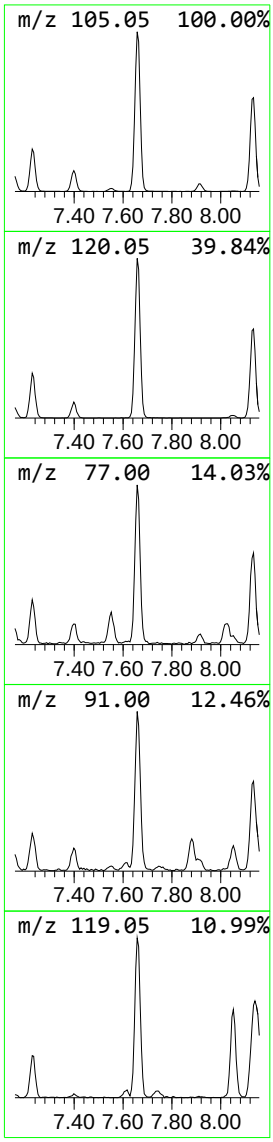
**********

Peak Number 5 Mesitylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.658 | 20.17 ng/ul | 918607 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

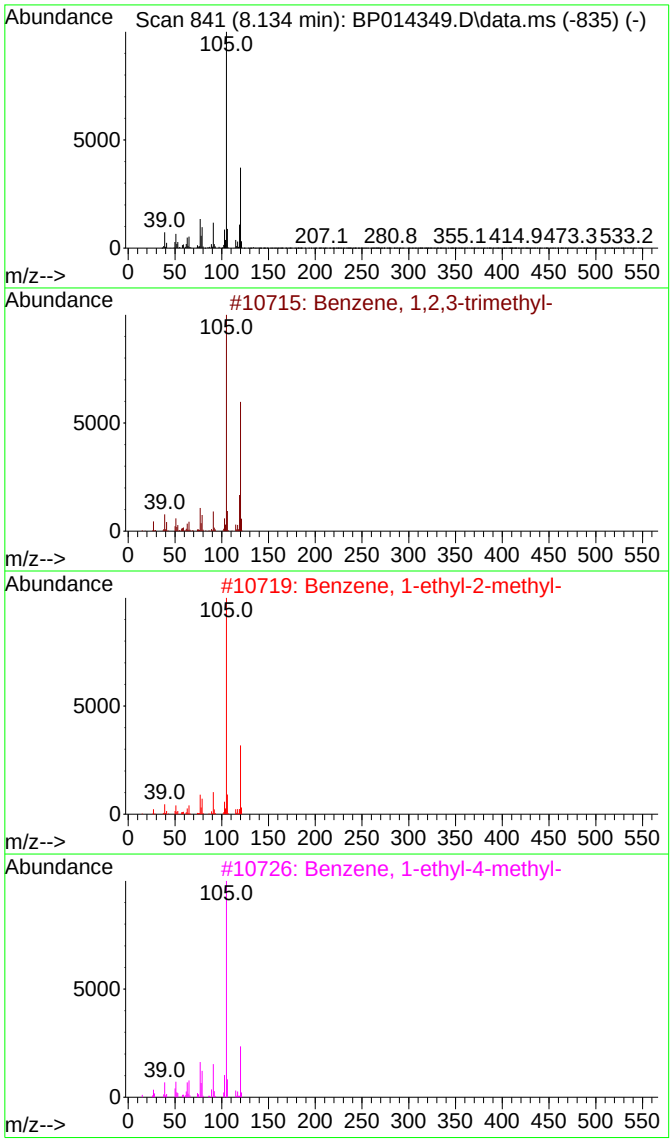
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

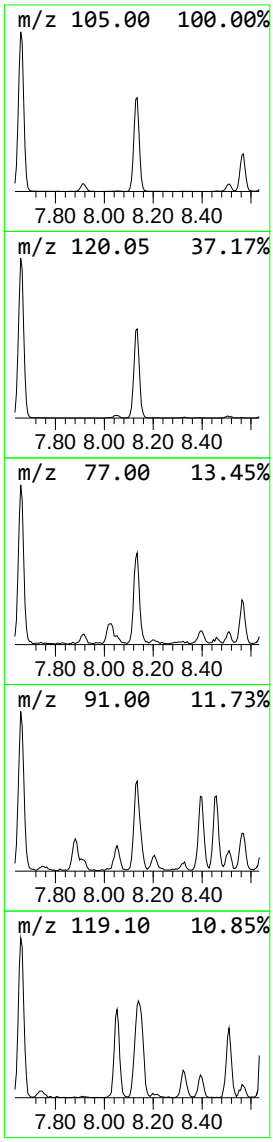
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.134 | 12.09 ng/ul | 550772 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

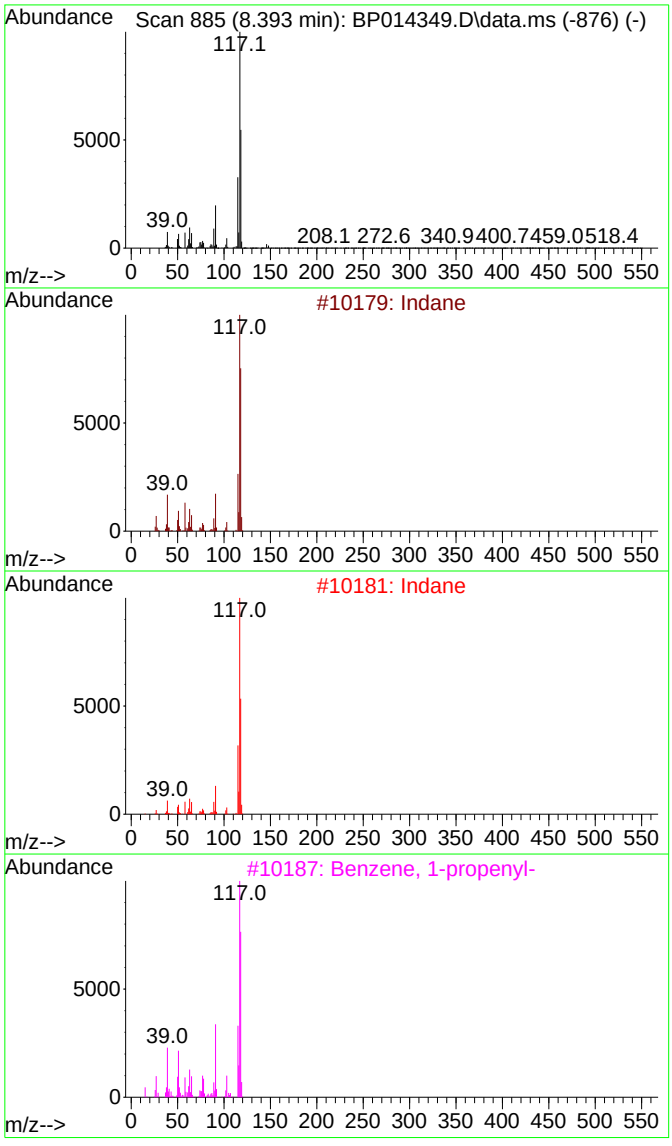
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

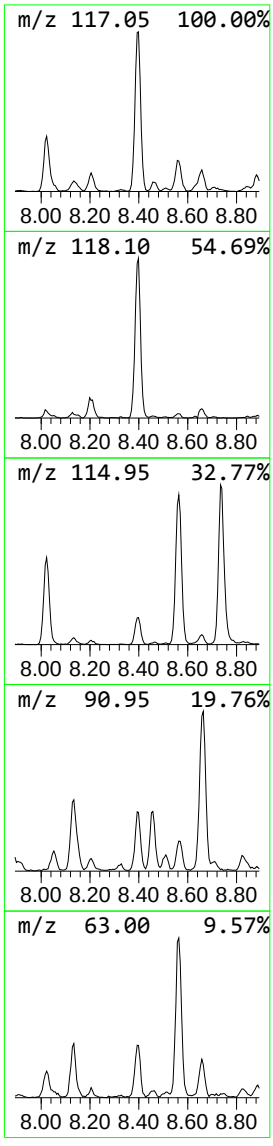
**********

Peak Number 7 Indane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.393 | 6.73 ng/ul | 306477 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 3 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 72 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 68 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

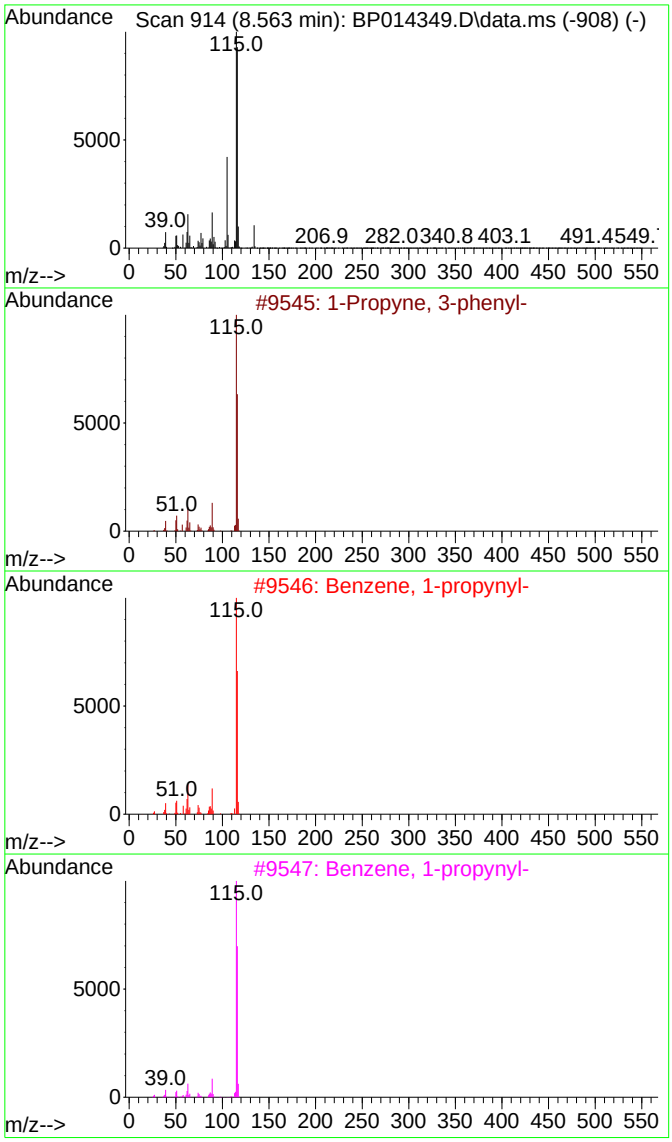
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

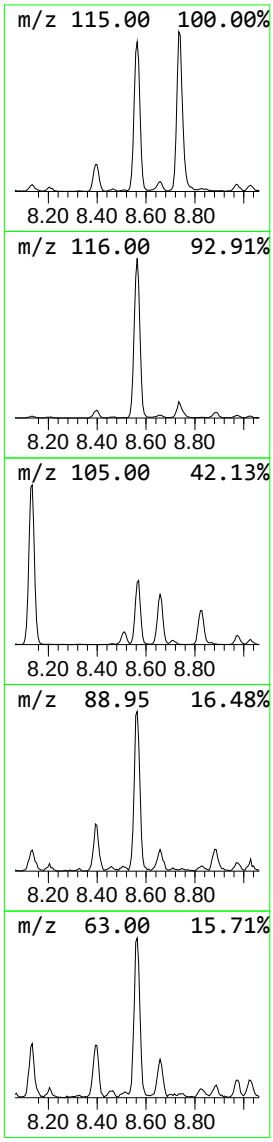
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 1-Propyne, 3-phenyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.563 | 17.48 ng/ul | 796239 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 95 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 93 |
| 3 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 87 |
| 4 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 87 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 87 |



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Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

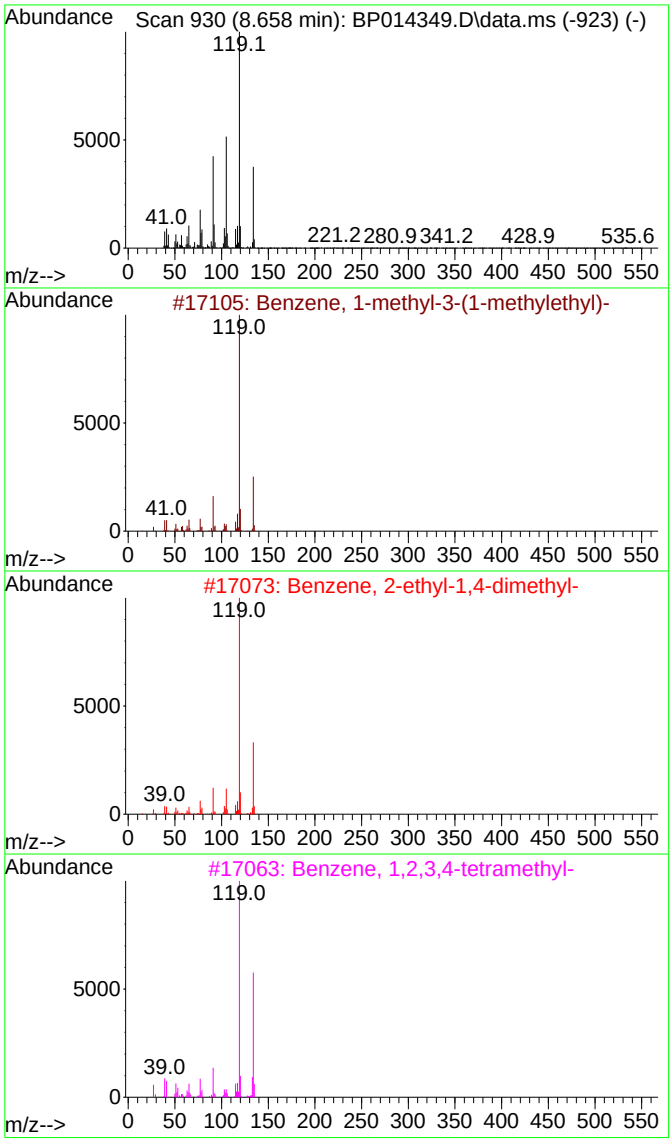
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

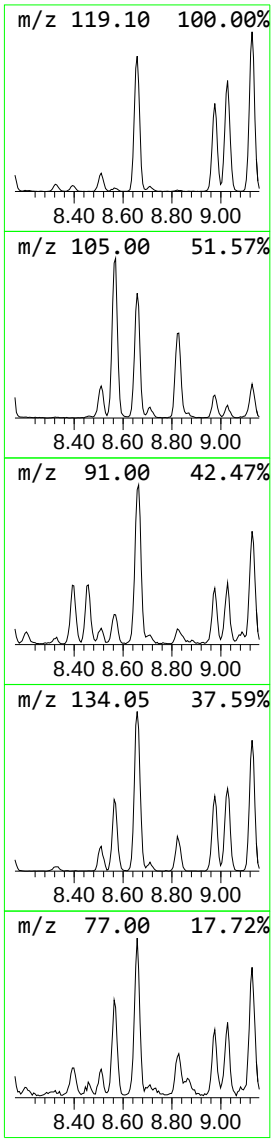
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.658 | 11.77 ng/ul | 536136 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 91 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 91 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

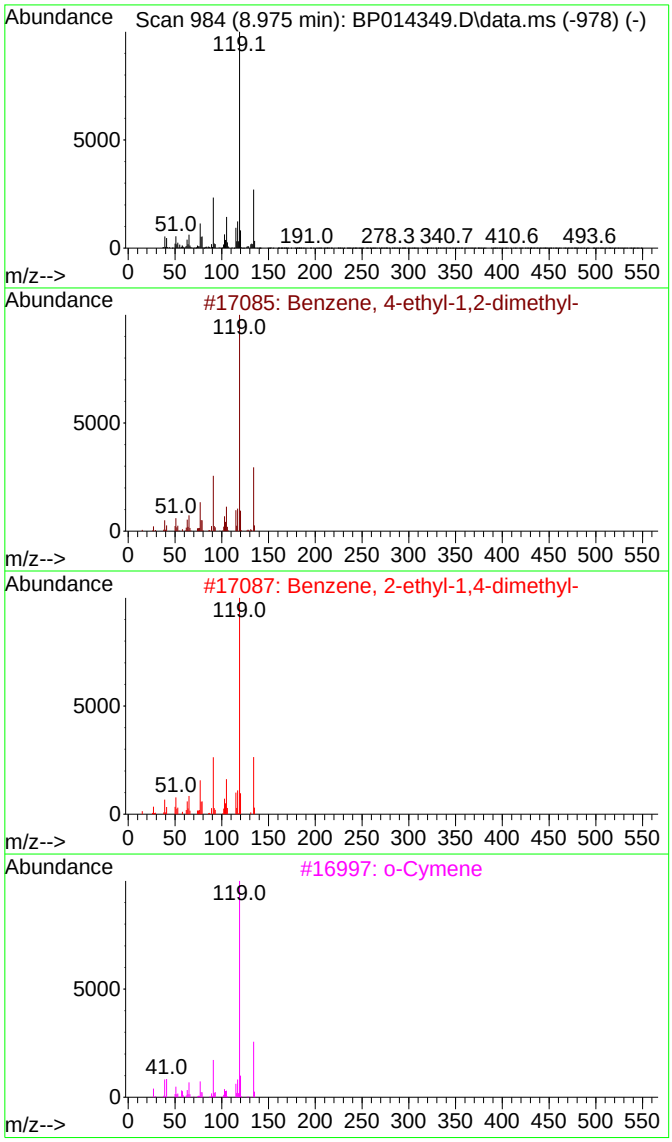
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

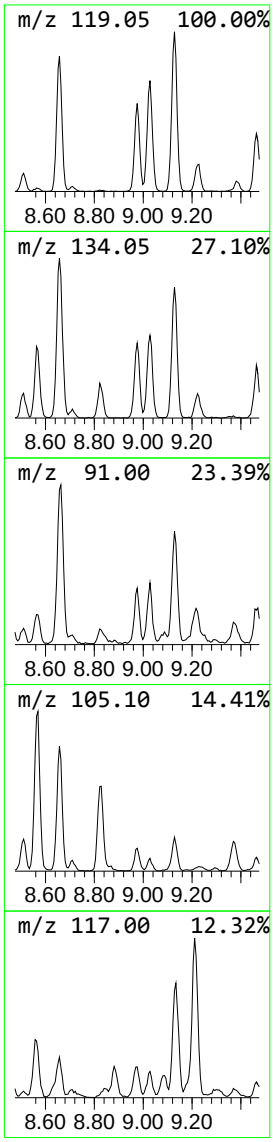
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.975 | 4.78 ng/ul | 217645 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 93 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

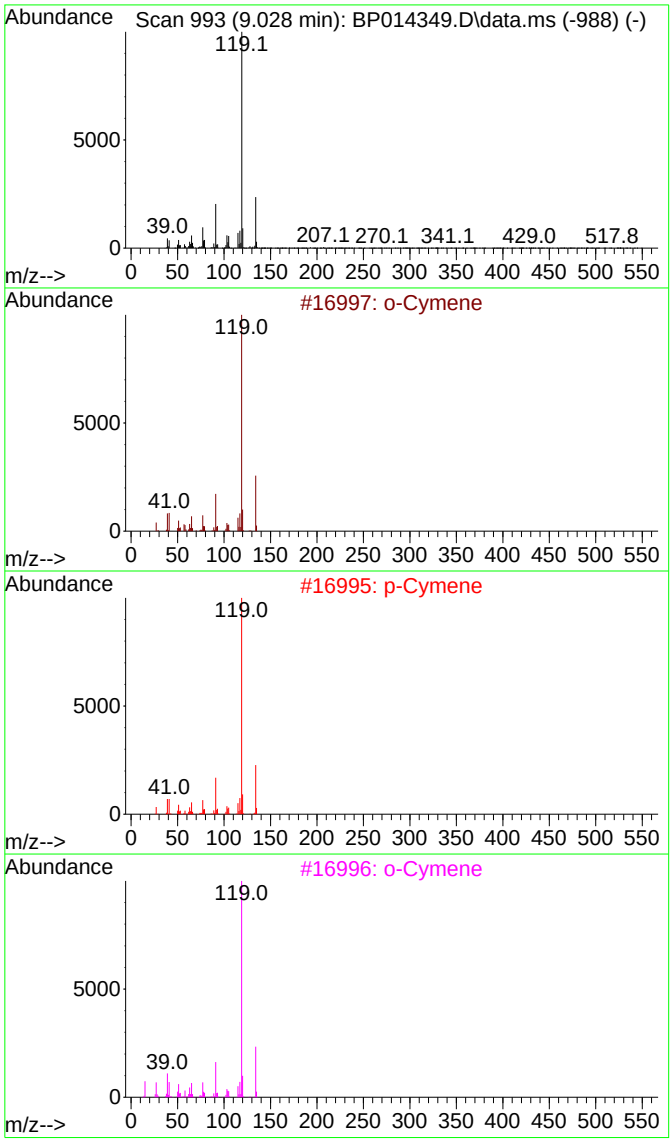
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

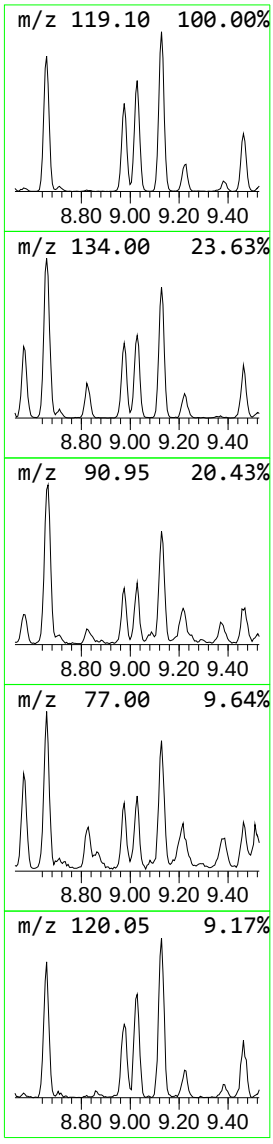
**********

Peak Number 11 o-Cymene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.028 | 4.94 ng/ul | 224814 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 97 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

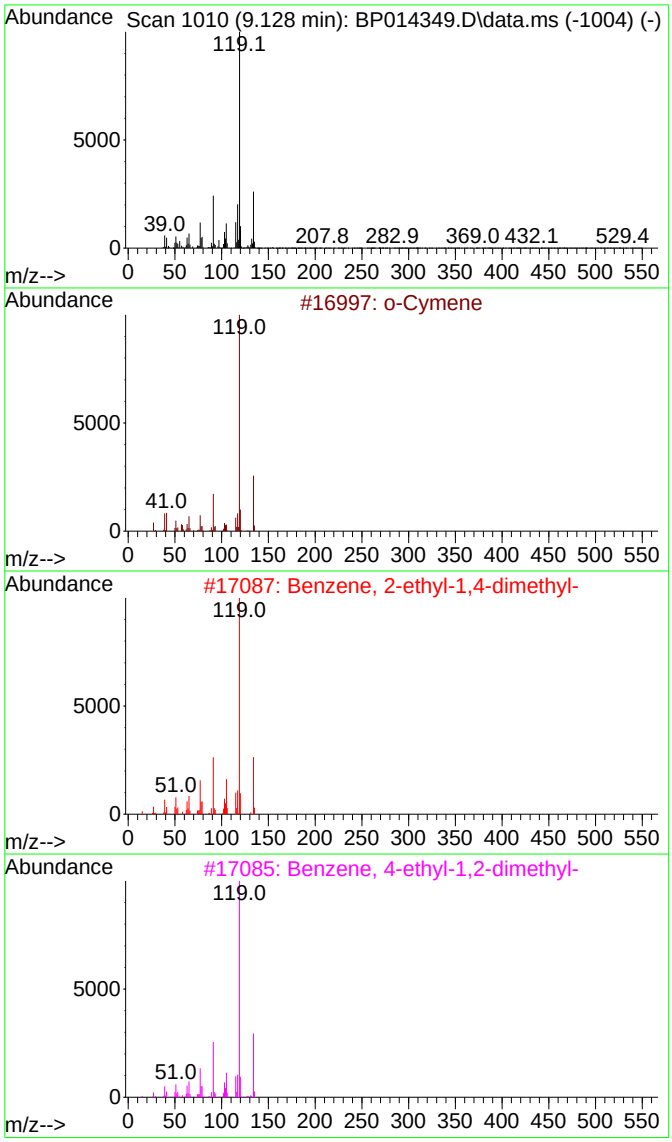
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

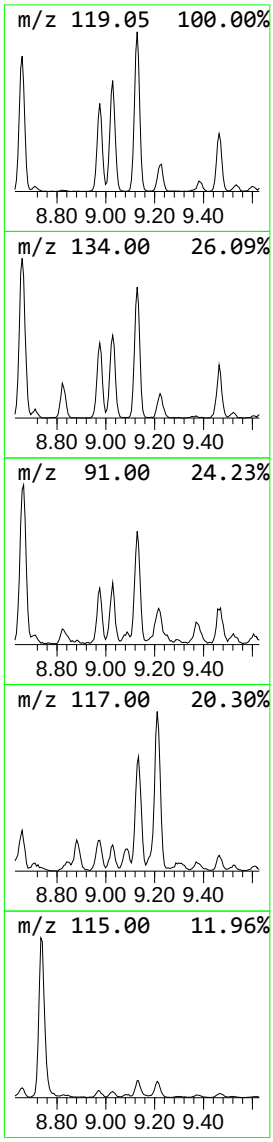
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.128 | 11.15 ng/ul | 507874 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 94 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

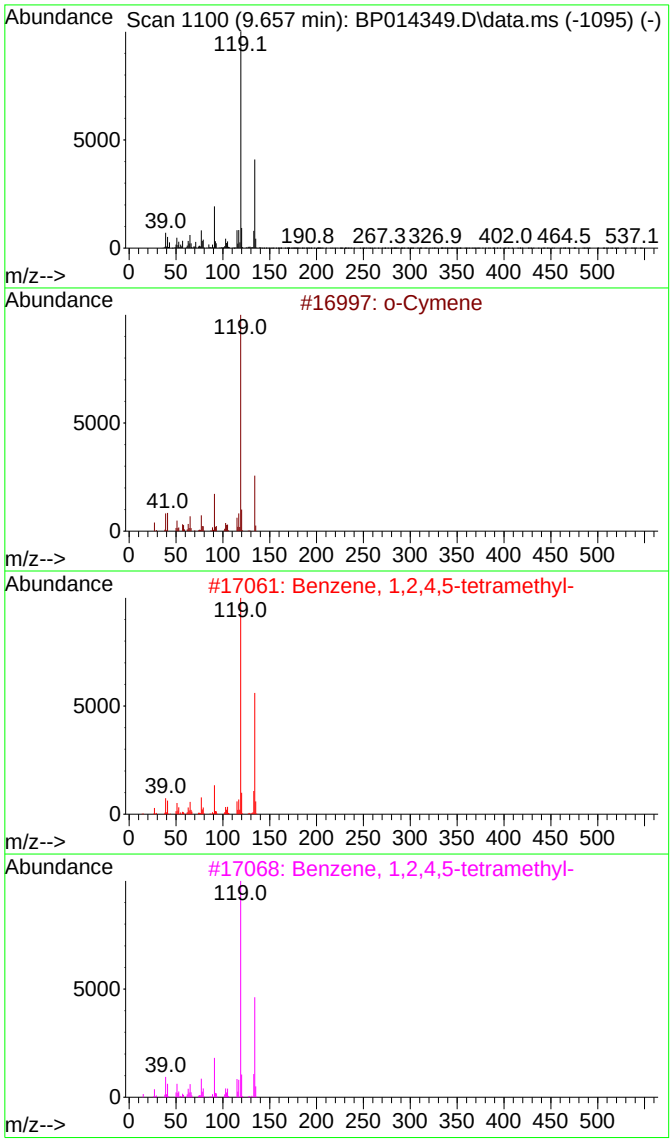
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

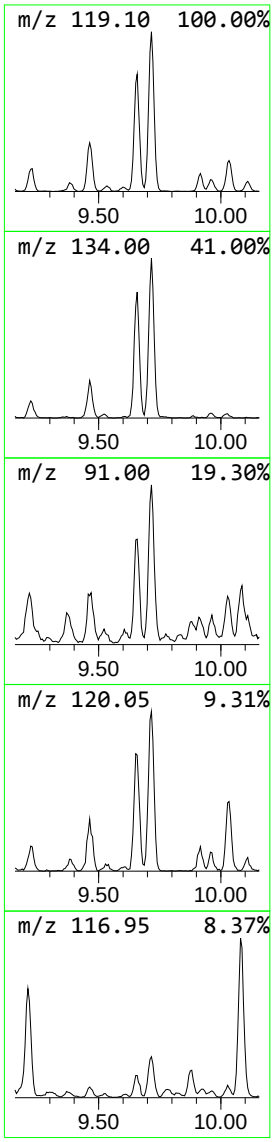
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.657 | 4.05 ng/ul | 319626 | Naphthalene-d8 | 10.846 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

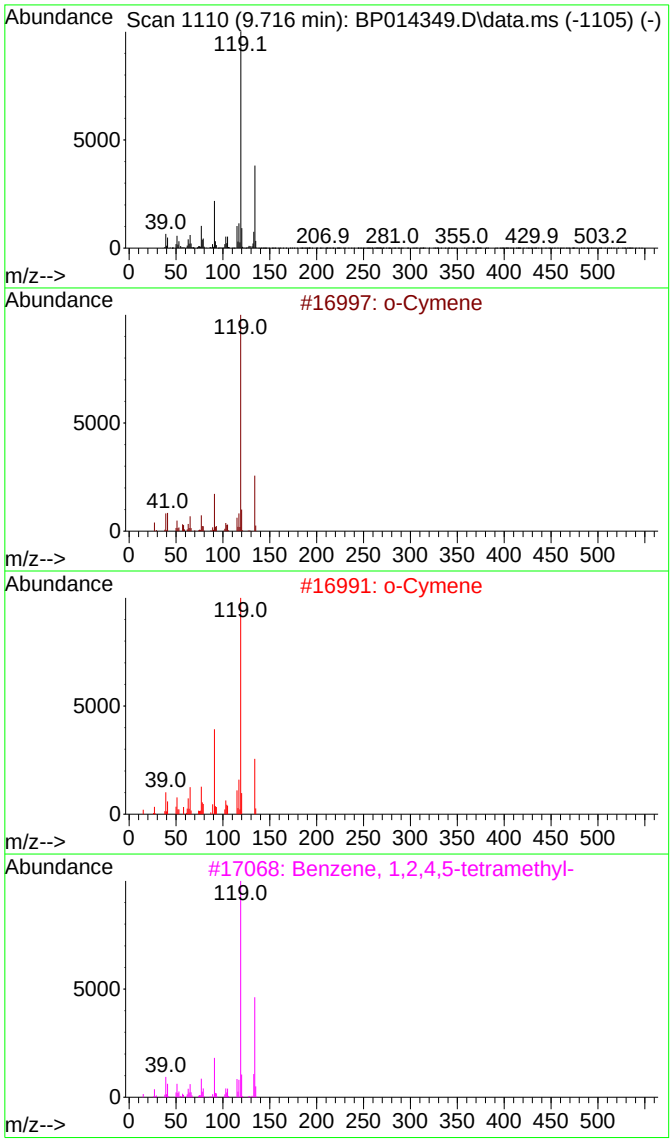
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

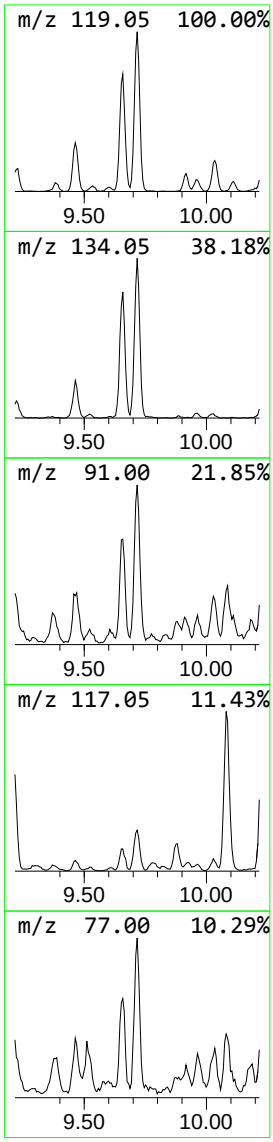
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.716 | 6.00 ng/ul | 473420 | Naphthalene-d8 | 10.846 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 96 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 93 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 93 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

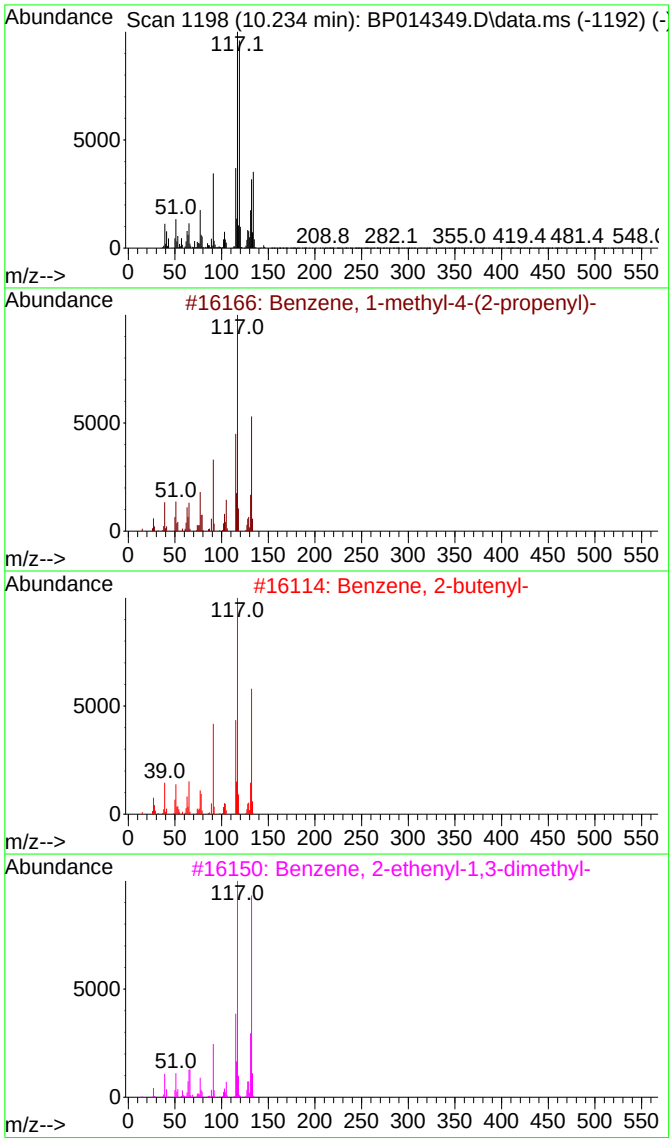
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

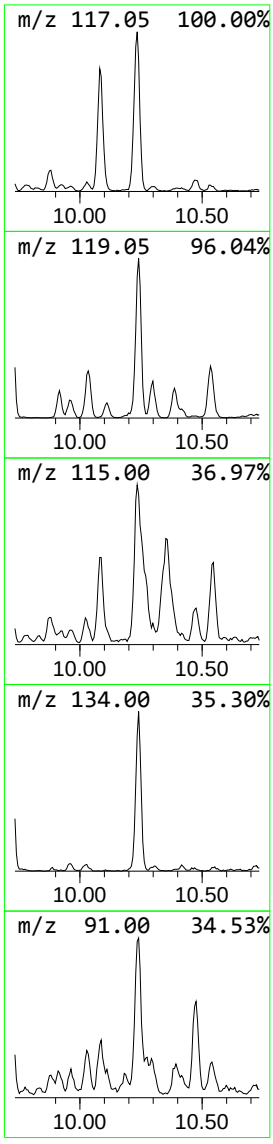
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 1-methyl-4-(2-prop... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.234 | 8.72 ng/ul | 687269 | Naphthalene-d8 | 10.846 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 70 |
| 2 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 55 |
| 3 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 55 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 55 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

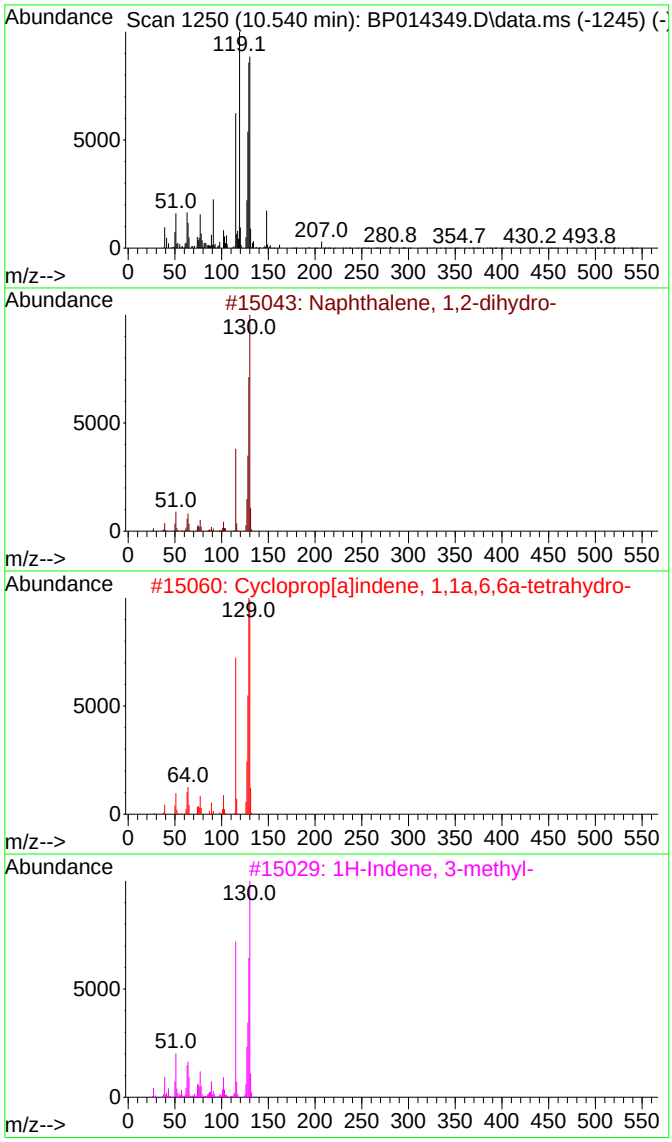
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

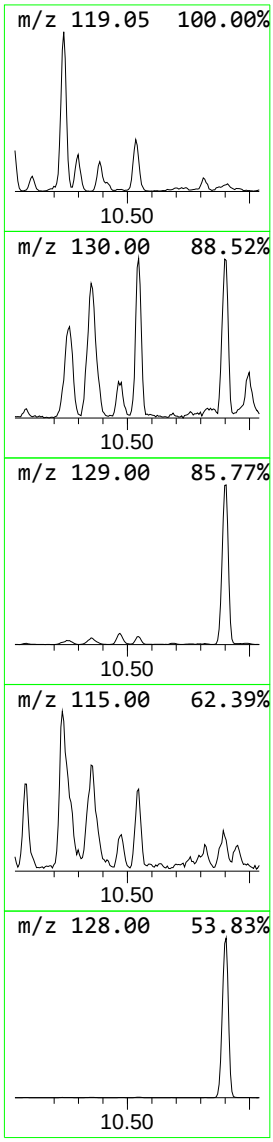
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Naphthalene, 1,2-dihydro- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.540 | 3.30 ng/ul | 259962 | Naphthalene-d8 | 10.846 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2-dihydro- | 130 | C10H10 | 000447-53-0 | 92 |
| 2 | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10 | 015677-15-3 | 87 |
| 3 | 1H-Indene, 3-methyl- | 130 | C10H10 | 000767-60-2 | 86 |
| 4 | 2a,4a,6a,6b-Tetrahydrocyclopenta... | 130 | C10H10 | 006053-74-3 | 78 |
| 5 | Tetracyclo[5.3.0.0<2,6>.0<3,10>]... | 130 | C10H10 | 034324-40-8 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

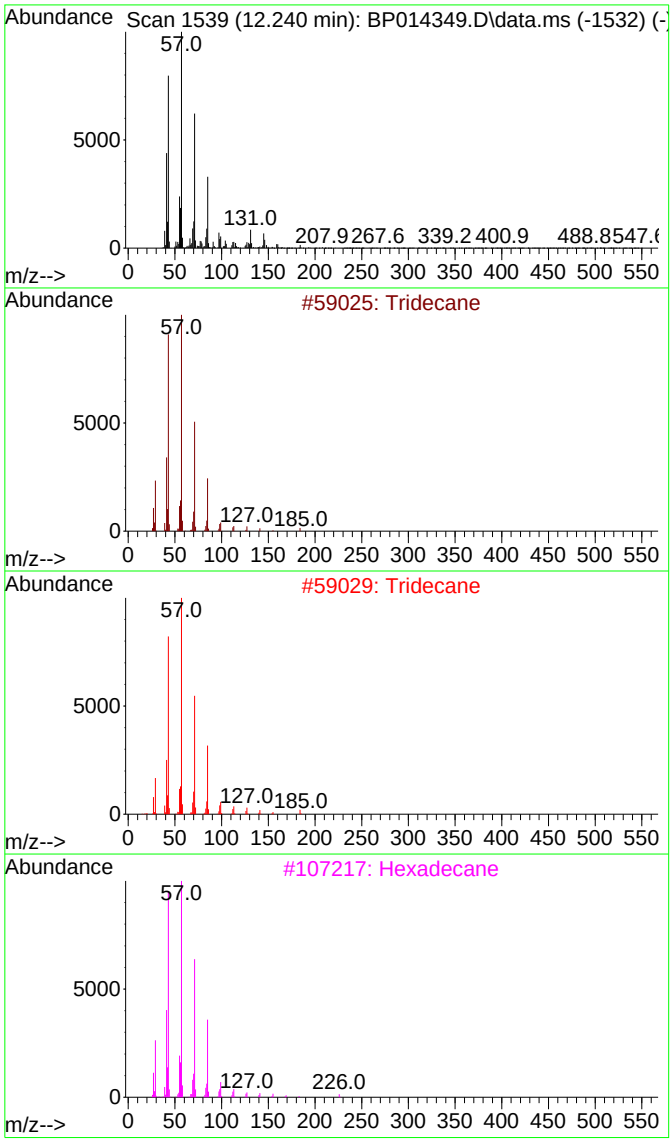
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

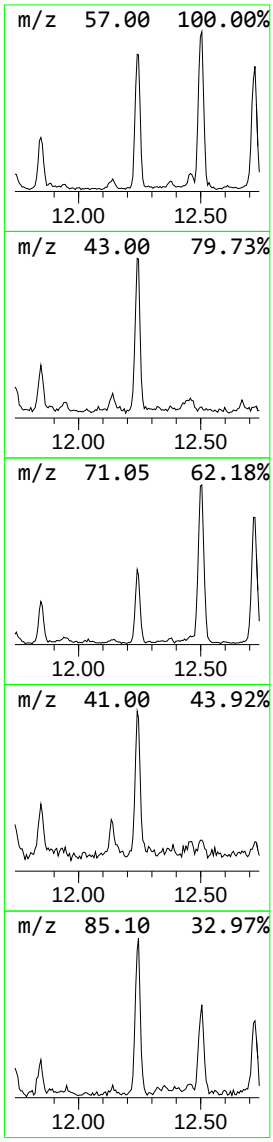
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.240 | 2.50 ng/ul | 197284 | Naphthalene-d8 | 10.846 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 81 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |
| 5 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

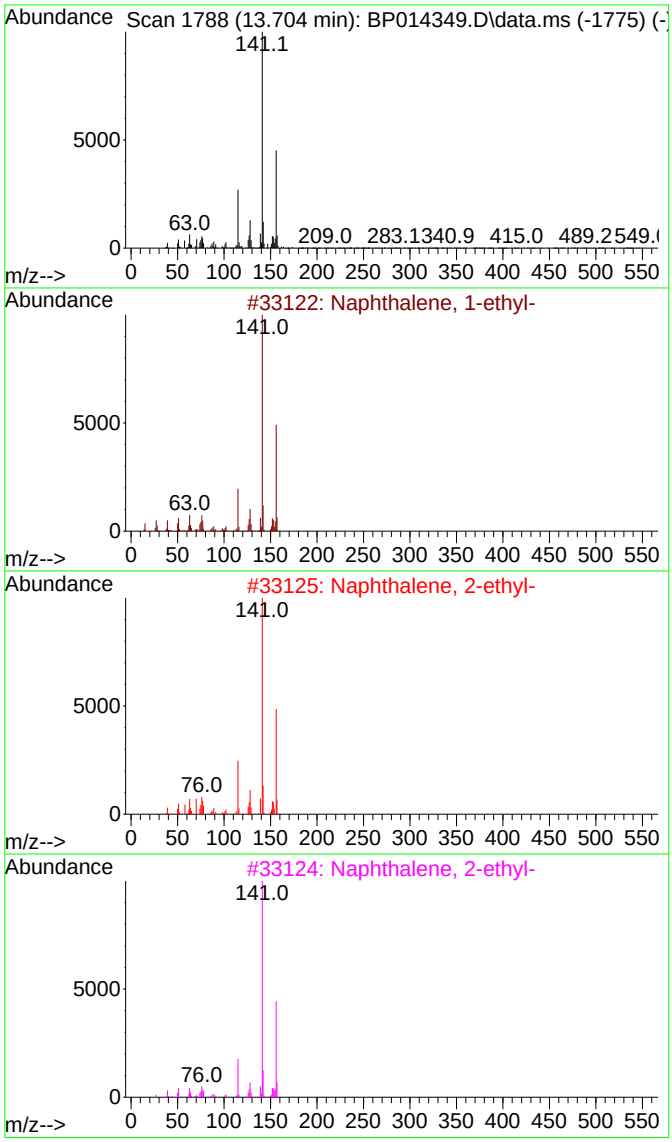
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

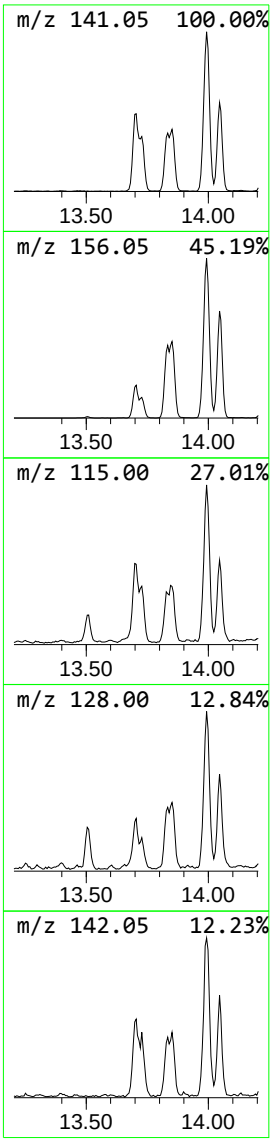
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Naphthalene, 1-ethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.704 | 5.96 ng/ul | 628877 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 5 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

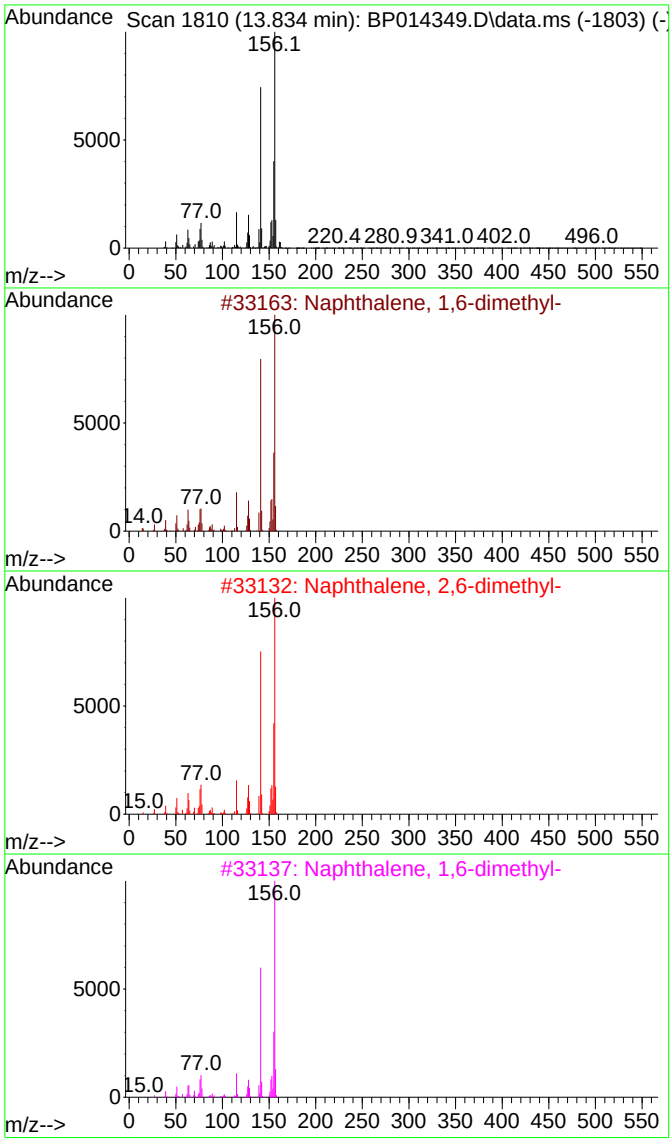
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

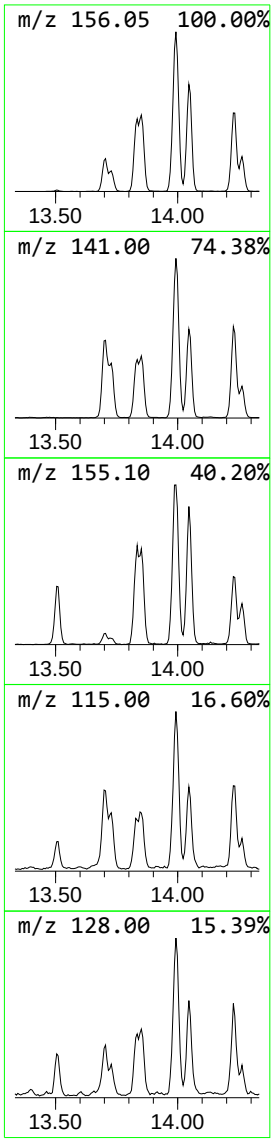
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Naphthalene, 1,6-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.834 | 5.51 ng/ul | 581347 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

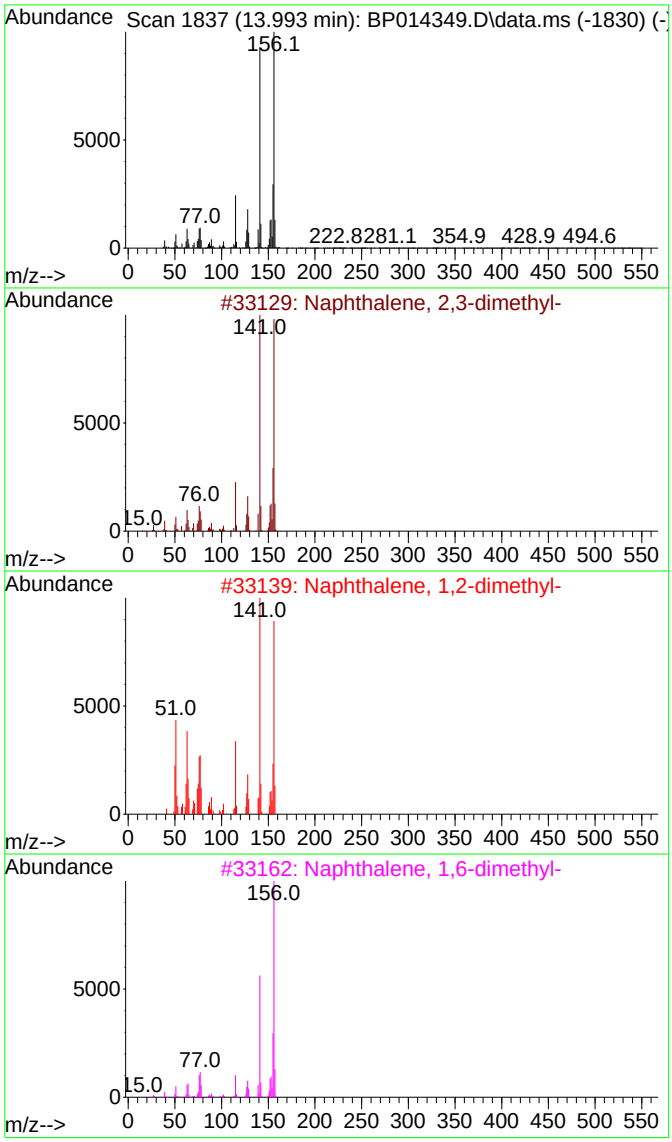
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

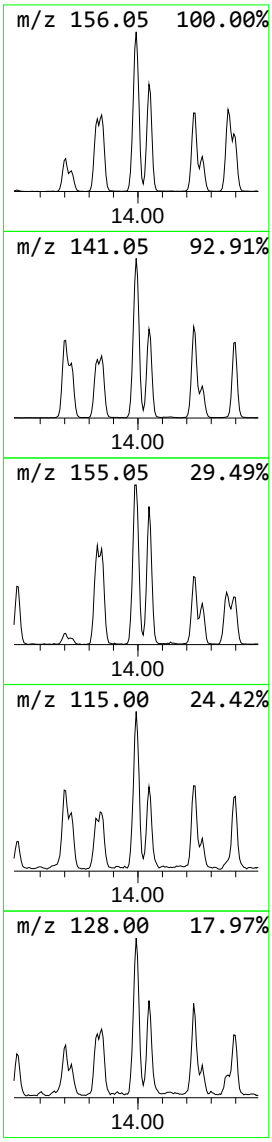
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.993 | 15.51 ng/ul | 1635140 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

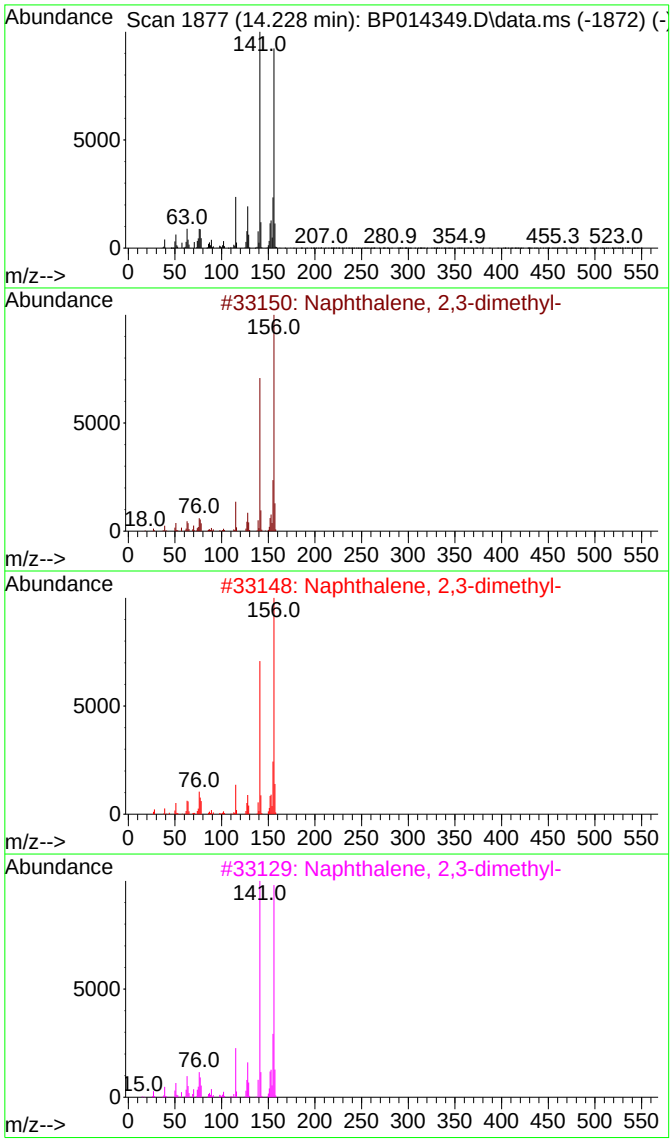
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

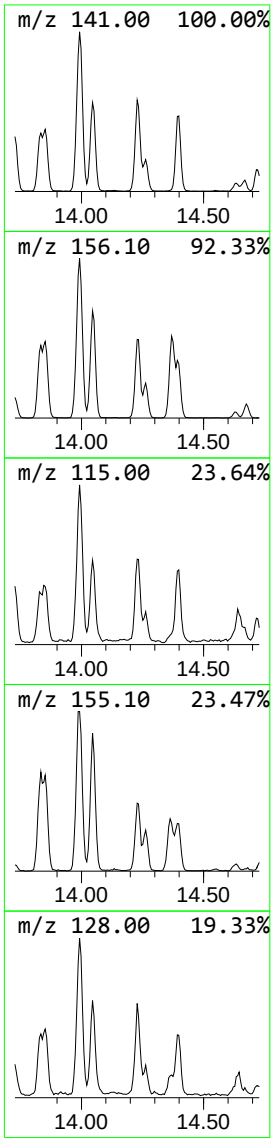
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Naphthalene, 1,7-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.228 | 6.92 ng/ul | 729467 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

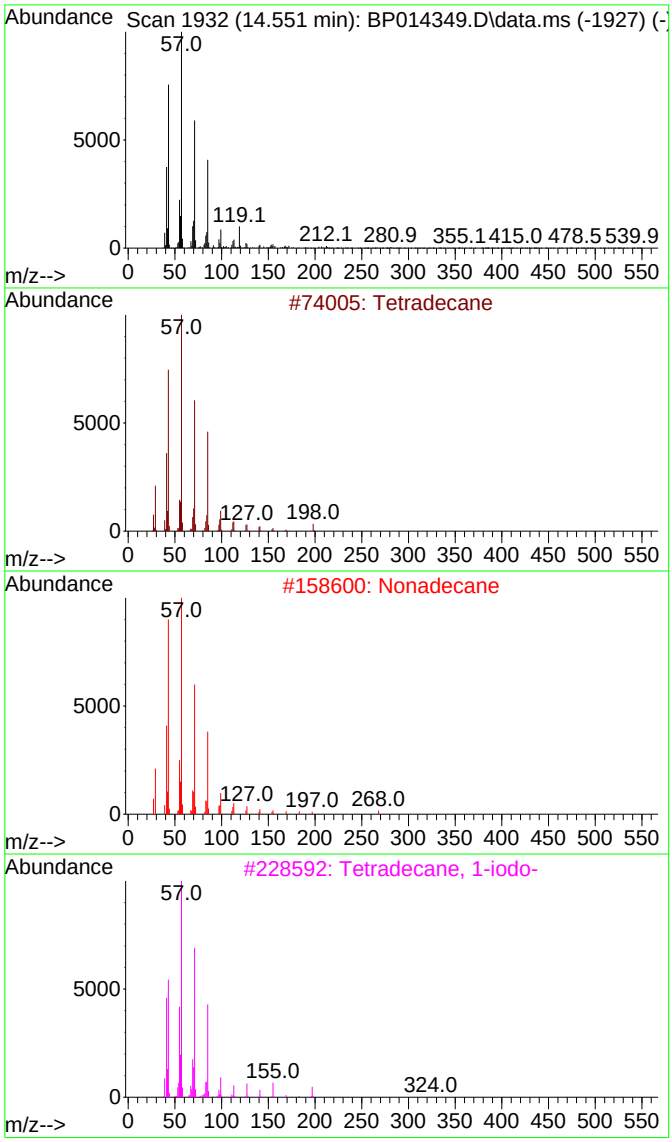
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

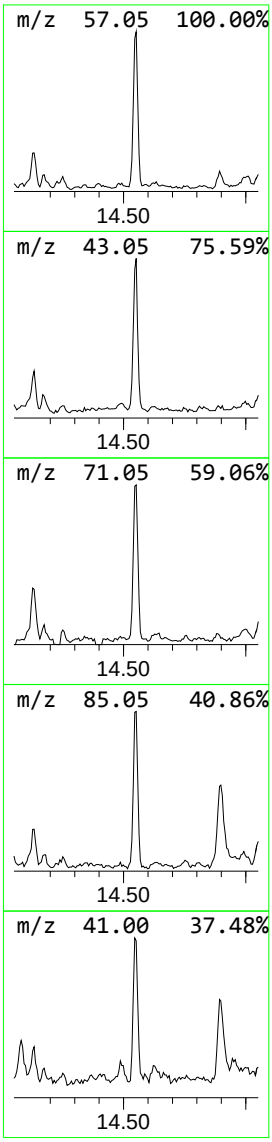
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.551 | 2.74 ng/ul | 288459 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 3 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86 |
| 4 | Dodecane | 170 | C12H26 | 000112-40-3 | 81 |
| 5 | 3,5-Dimethyldodecane | 198 | C14H30 | 107770-99-0 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

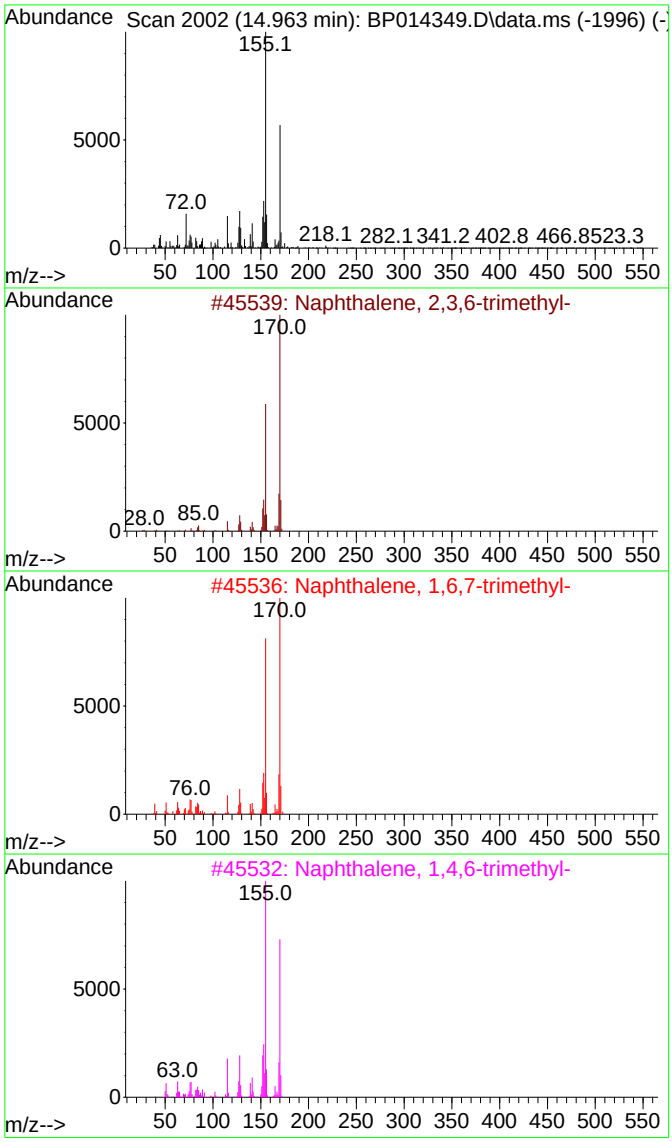
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

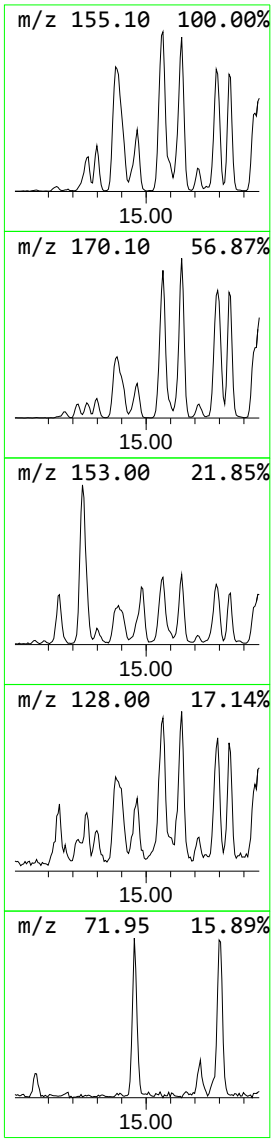
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Naphthalene, 2,3,6-trimethyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.963 | 3.60 ng/ul | 379280 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 94 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 94 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 93 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

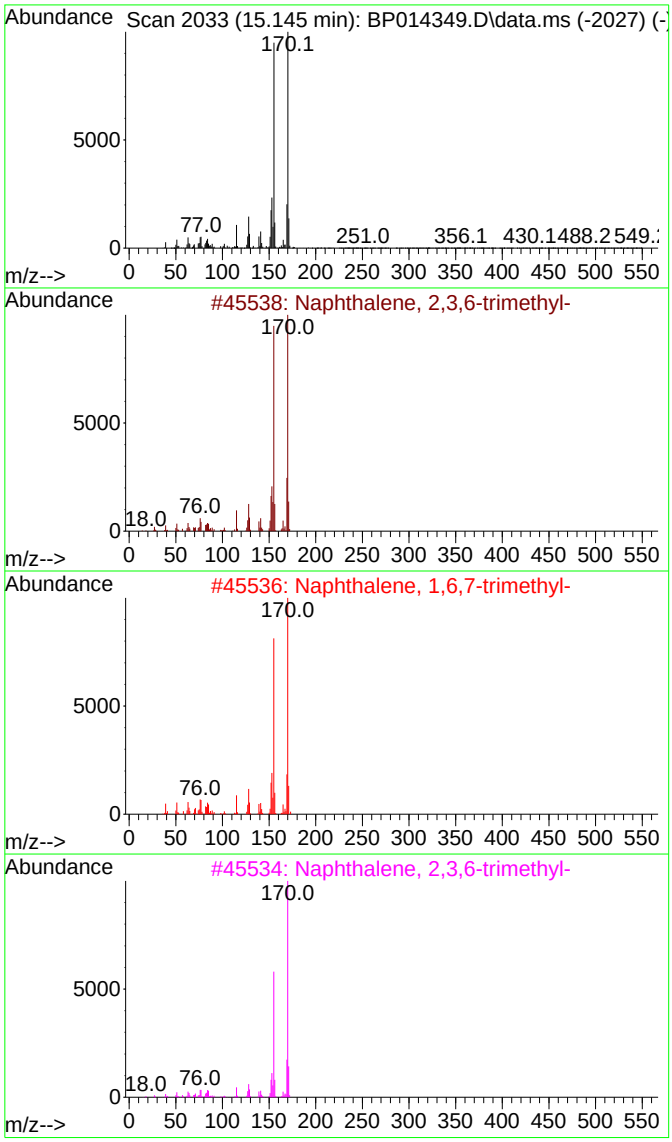
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

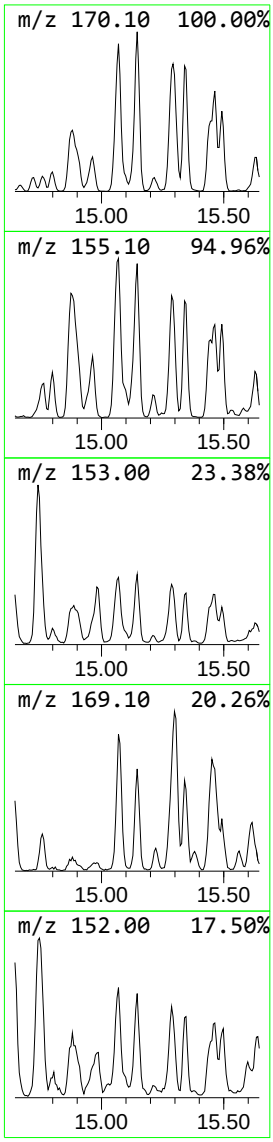
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.145 | 6.34 ng/ul | 668681 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

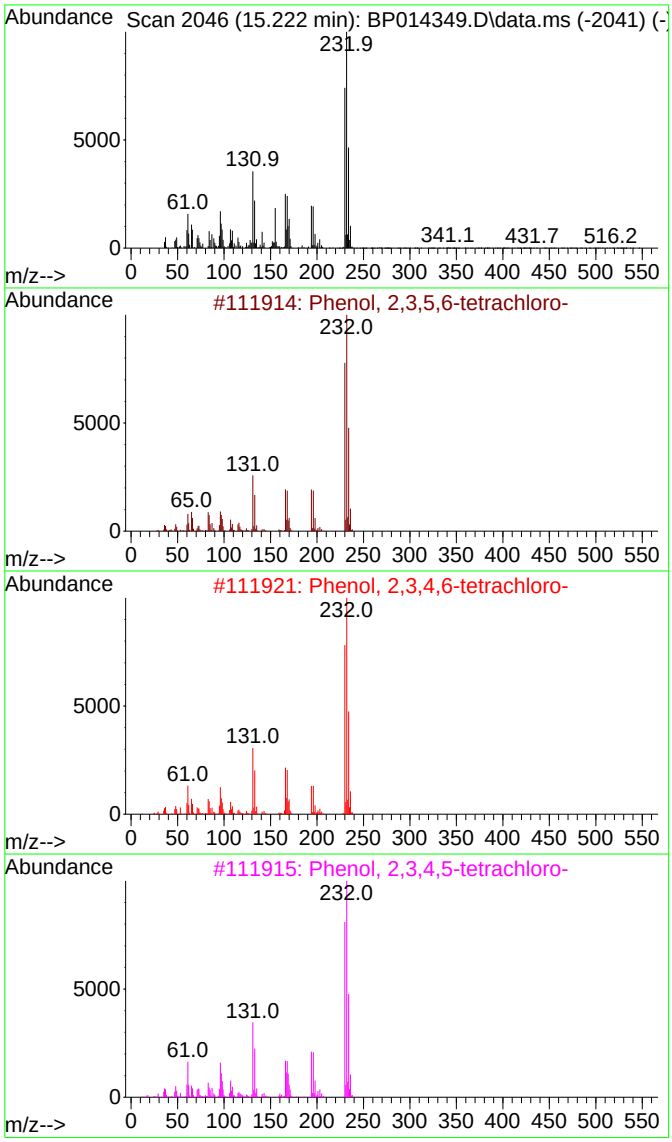
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

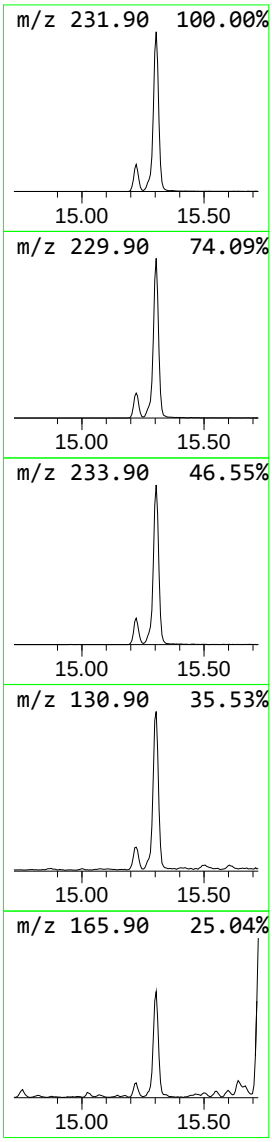
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.222 | 3.90 ng/ul | 411087 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 99 |
| 2 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 99 |
| 3 | Phenol, 2,3,4,5-tetrachloro- | 230 | C6H2Cl4O | 004901-51-3 | 99 |
| 4 | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 99 |
| 5 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

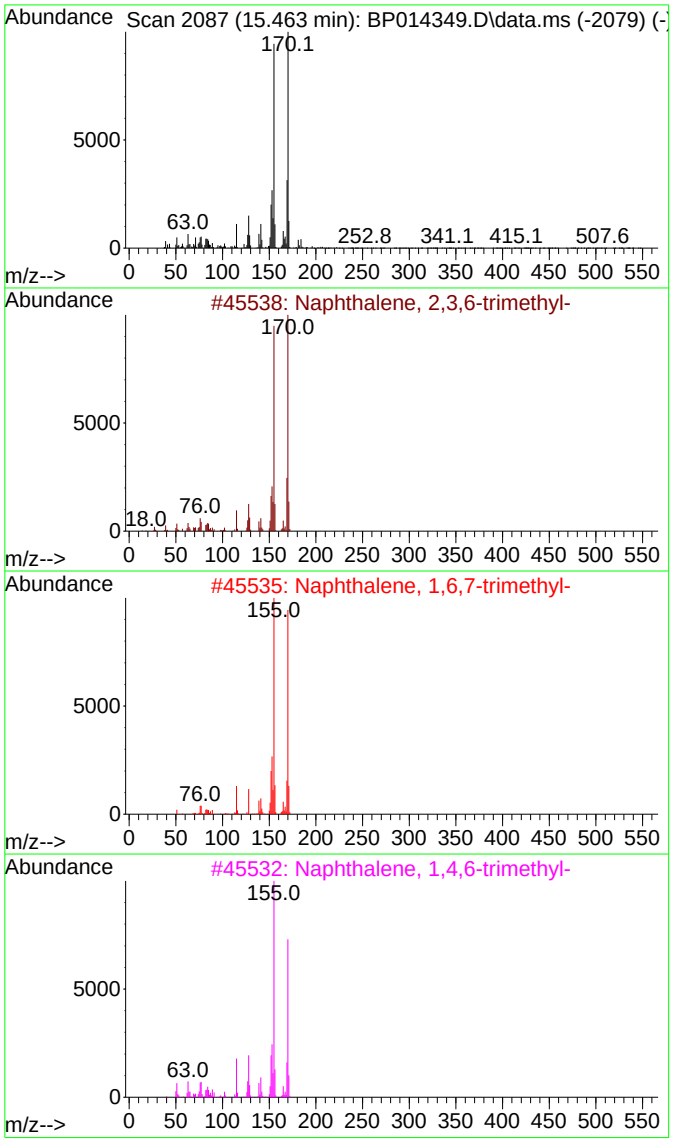
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

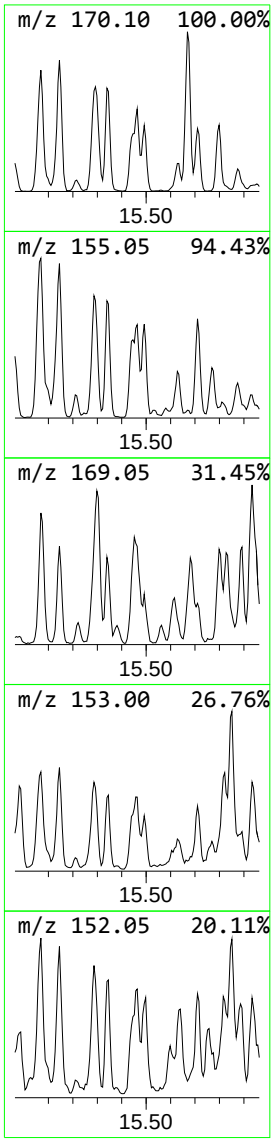
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.463 | 5.83 ng/ul | 614527 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 5 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

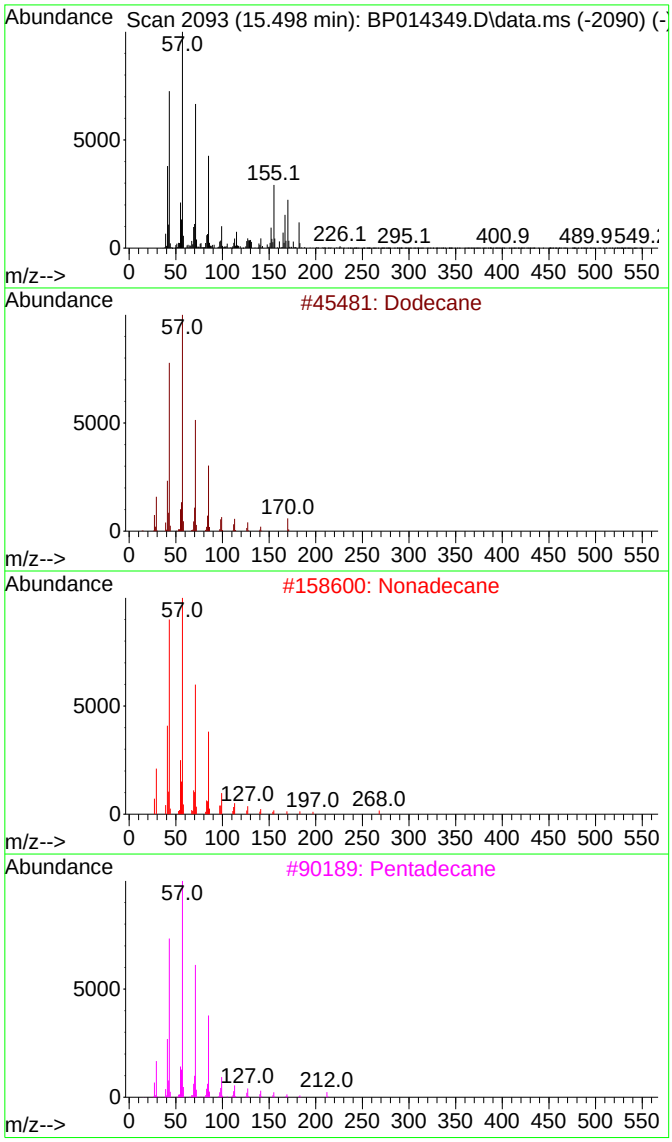
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

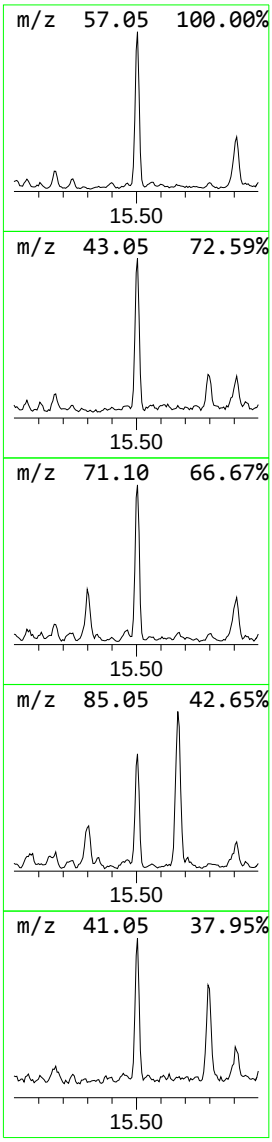
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.498 | 5.91 ng/ul | 623431 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane | 170 | C12H26 | 000112-40-3 | 62 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 53 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 49 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 49 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

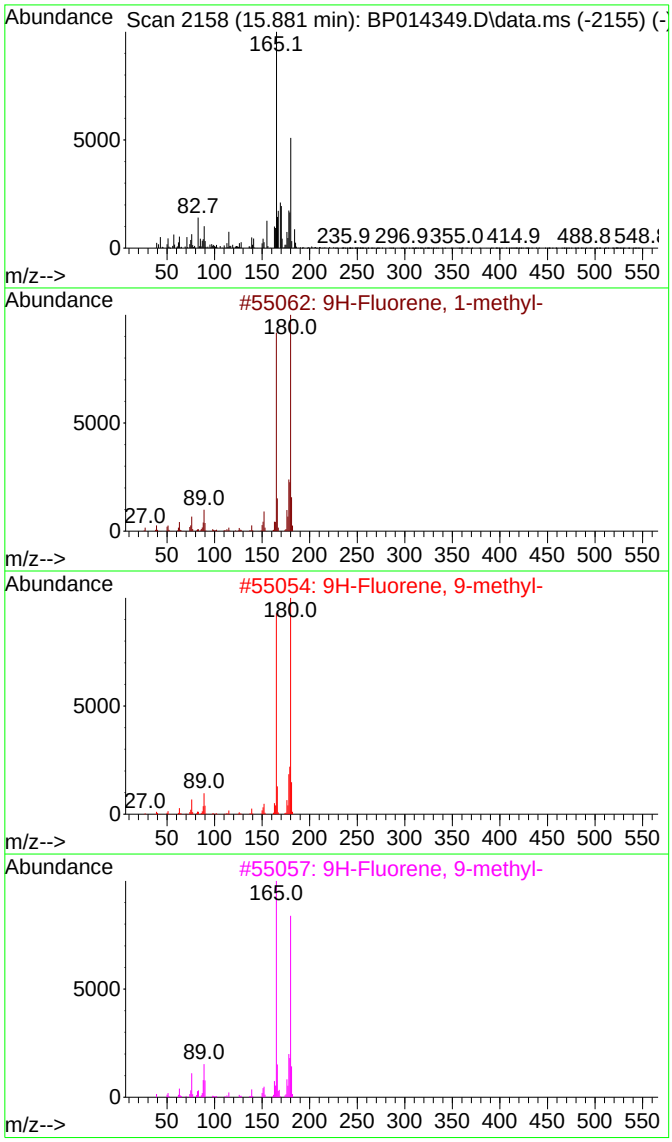
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

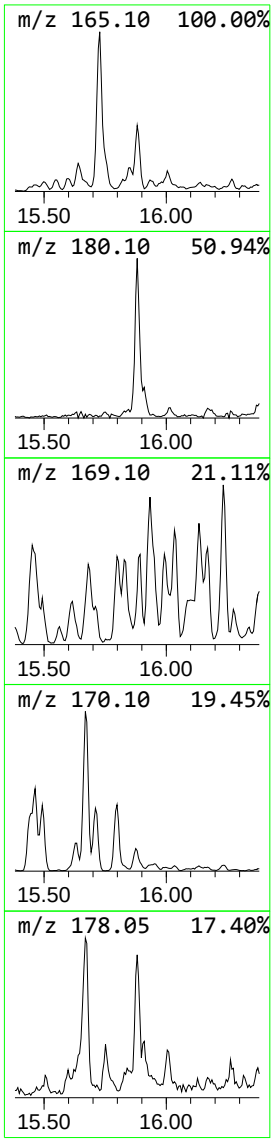
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 9H-Fluorene, 1-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.881 | 5.05 ng/ul | 532055 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 64 |
| 2 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 64 |
| 3 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 62 |
| 4 | Benzenethiol, 4-(1,1-dimethyleth... | 180 | C11H16S | 015570-10-2 | 62 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

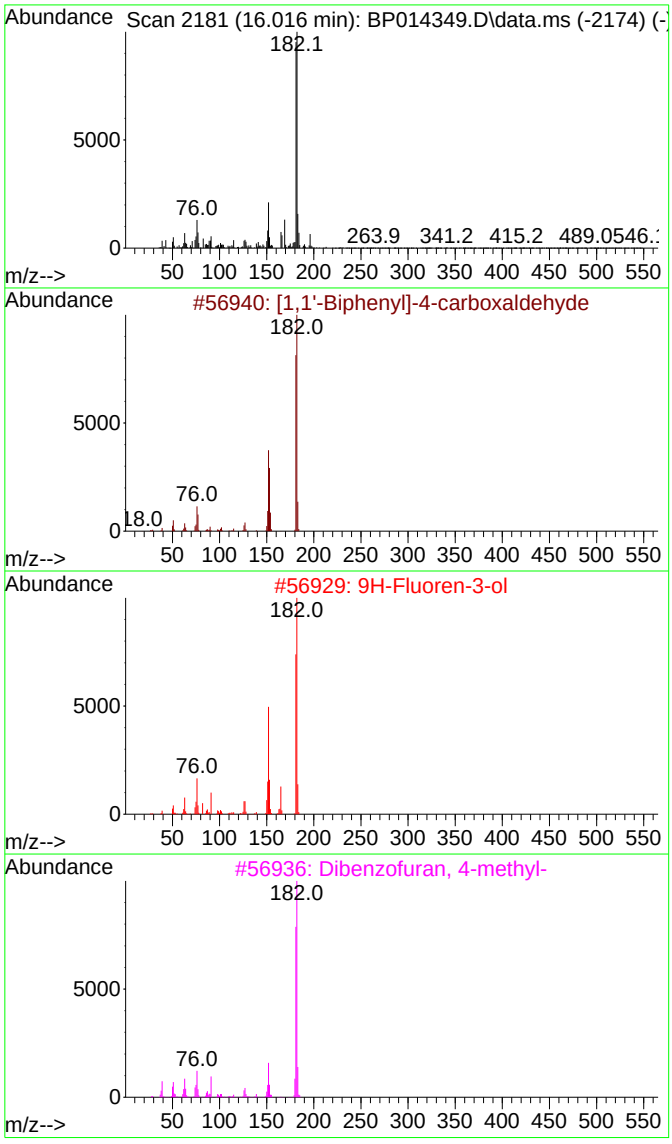
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

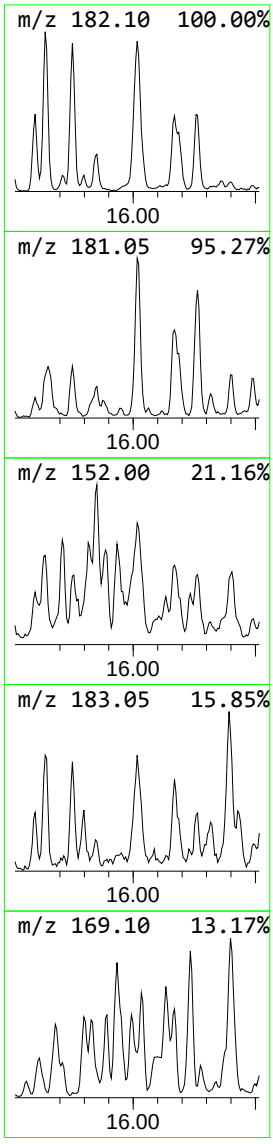
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.016 | 5.86 ng/ul | 617814 | Acenaphthene-d10 | 14.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 90 |
| 2 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 87 |
| 3 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 83 |
| 4 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 74 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

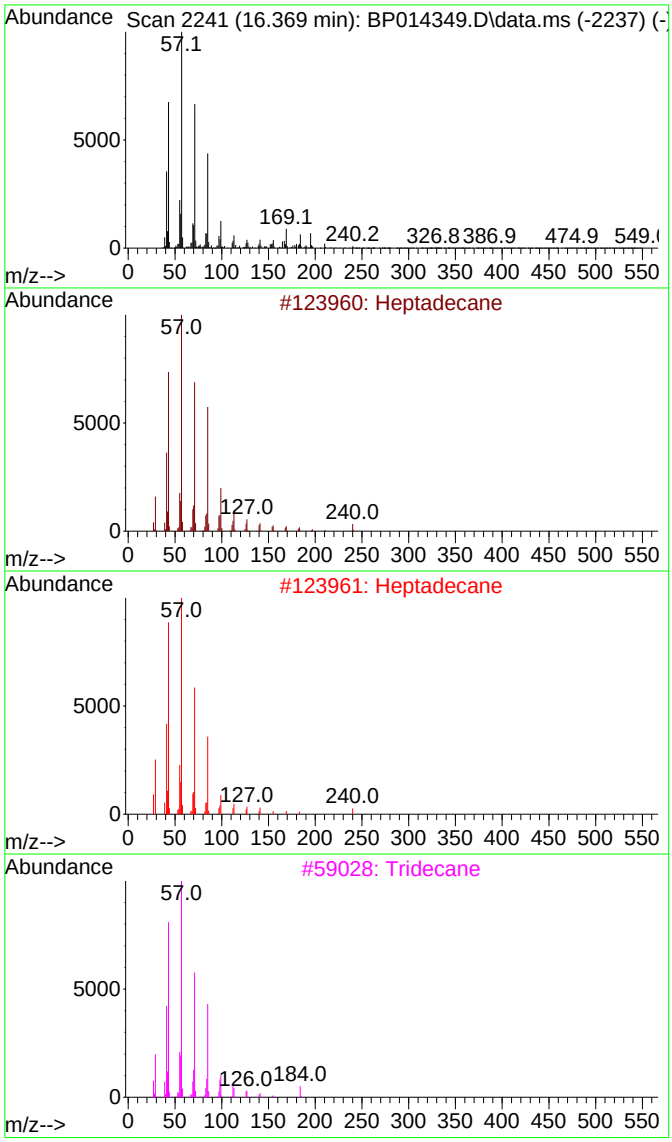
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

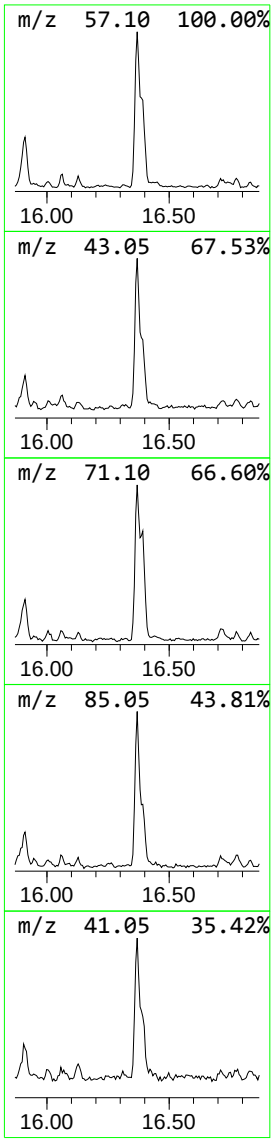
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.369 | 3.49 ng/ul | 430973 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 95 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 91 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

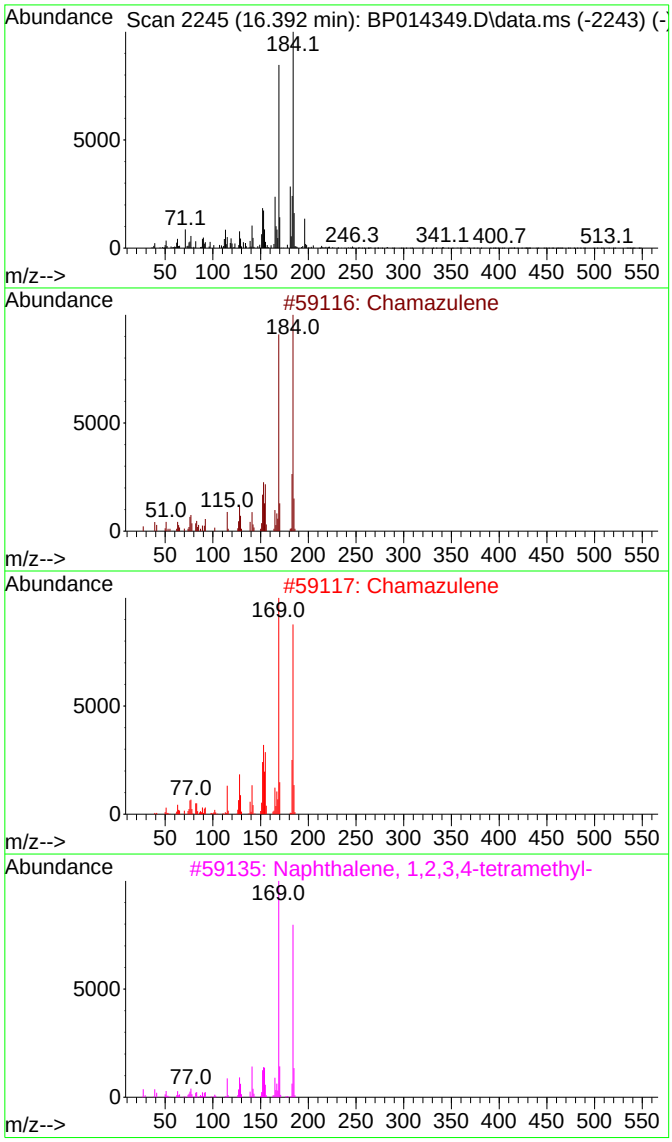
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

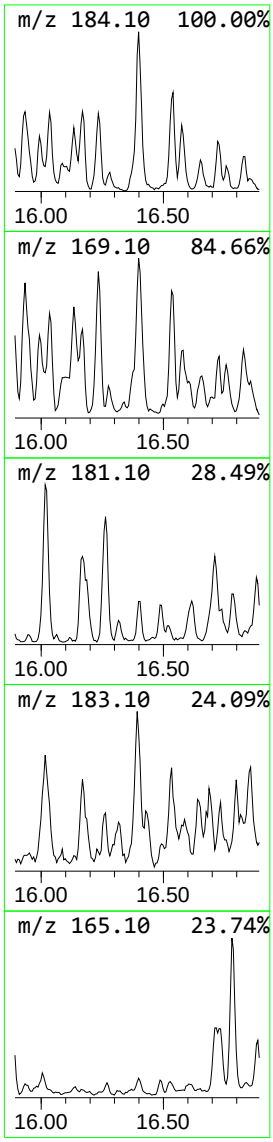
**********

Peak Number 36 Chamazulene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.392 | 4.58 ng/ul | 566584 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chamazulene | 184 | C14H16 | 000529-05-5 | 81 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 74 |
| 3 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 70 |
| 4 | 1,6-Dimethyl- 3-ethylnaphthalene | 184 | C14H16 | 1000383-71-8 | 68 |
| 5 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

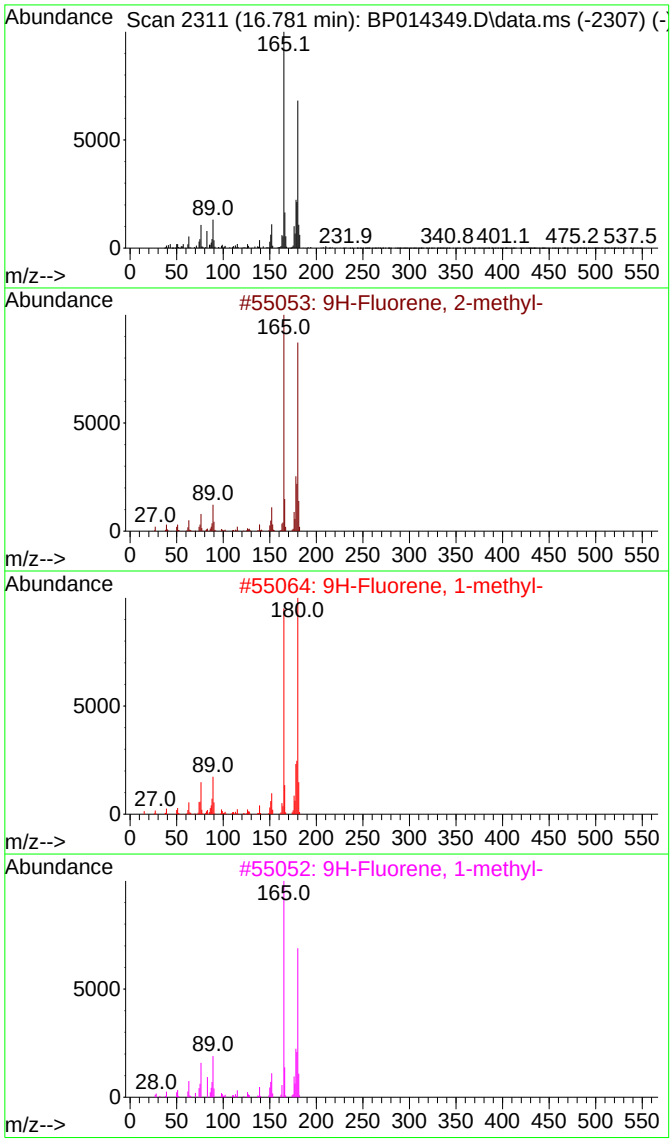
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

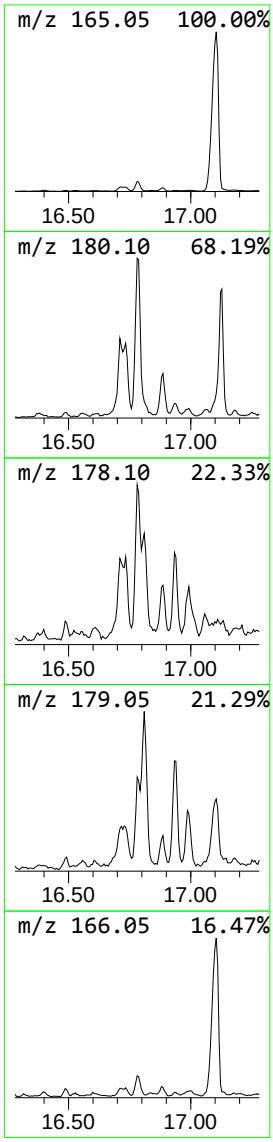
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 9H-Fluorene, 2-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.781 | 4.92 ng/ul | 607923 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 96 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 94 |
| 4 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 93 |
| 5 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

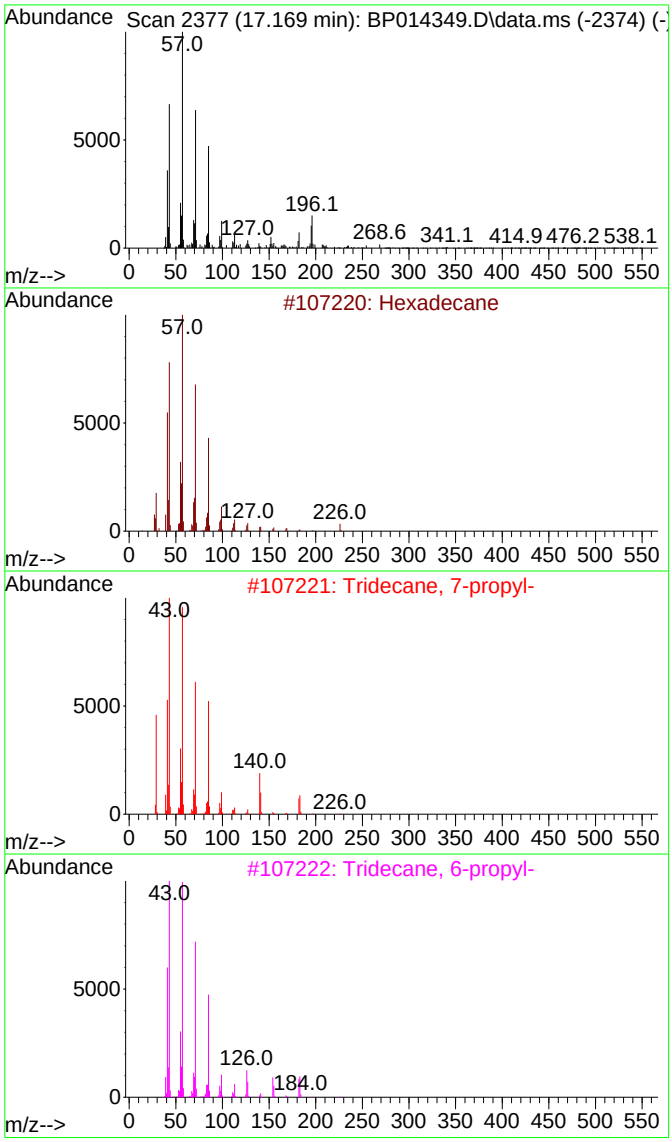
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

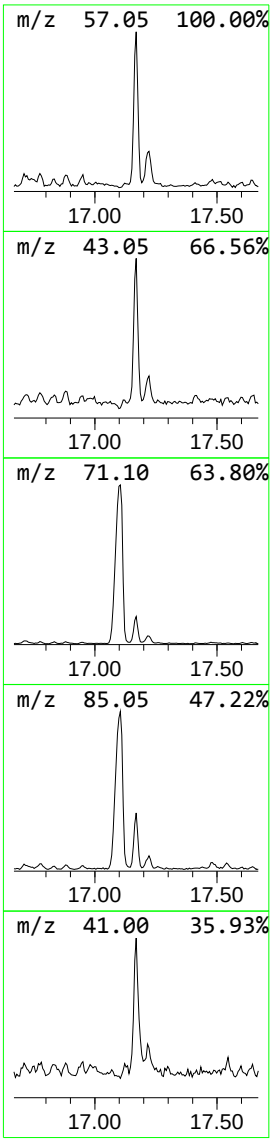
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.169 | 3.27 ng/ul | 404196 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 89 |
| 2 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 89 |
| 3 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 89 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

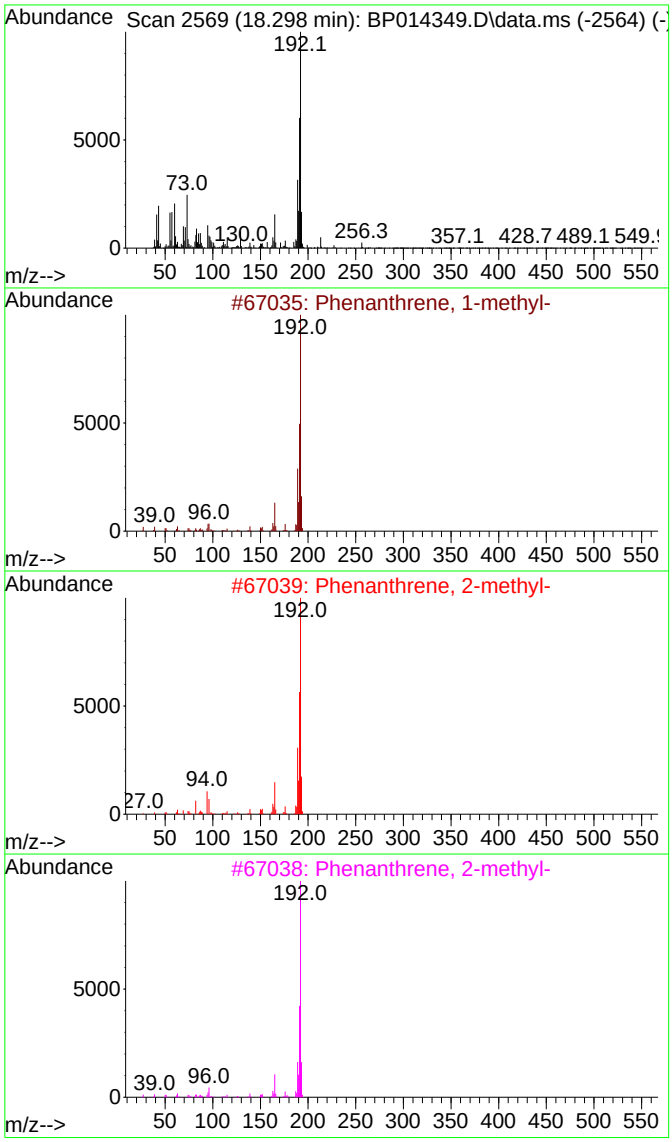
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

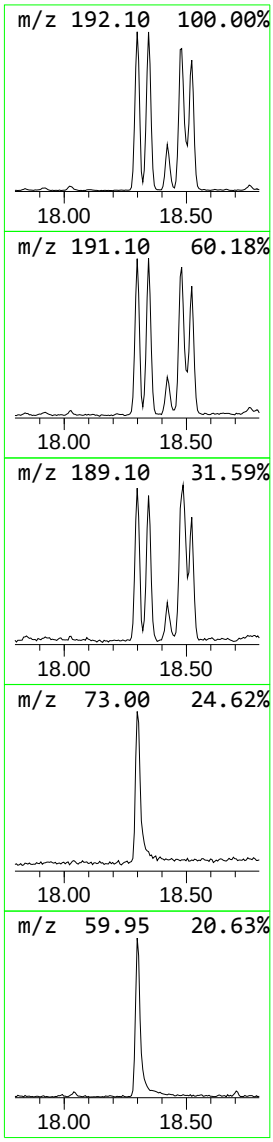
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 Phenanthrene, 1-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.298 | 8.69 ng/ul | 1074180 | Phenanthrene-d10 | 17.439 |

| 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 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

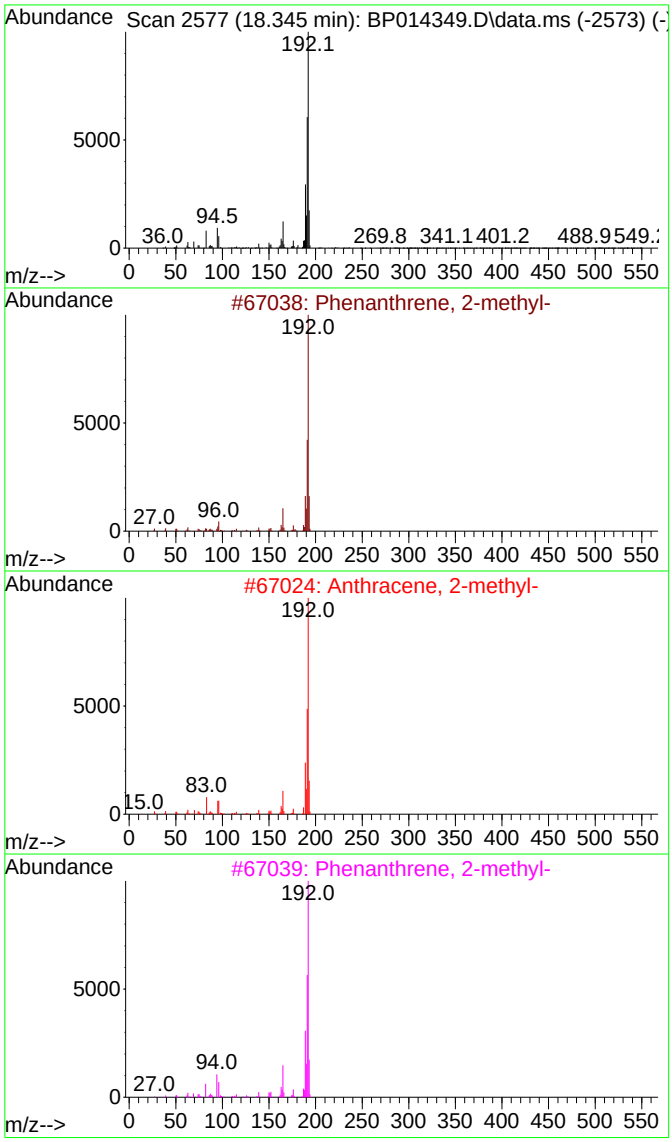
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

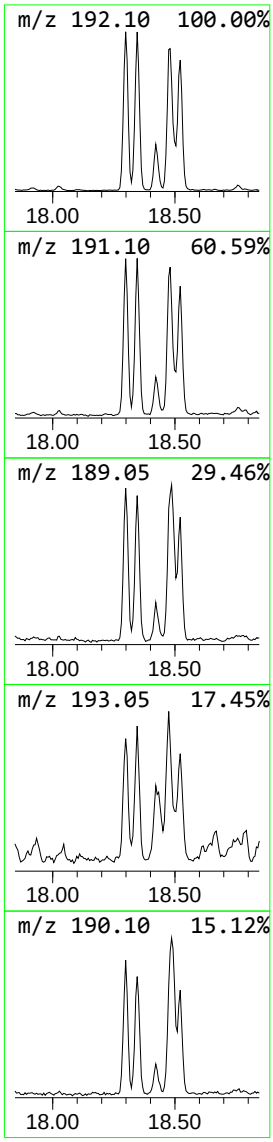
**********

Peak Number 42 Phenanthrene, 2-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.345 | 5.35 ng/ul | 661478 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

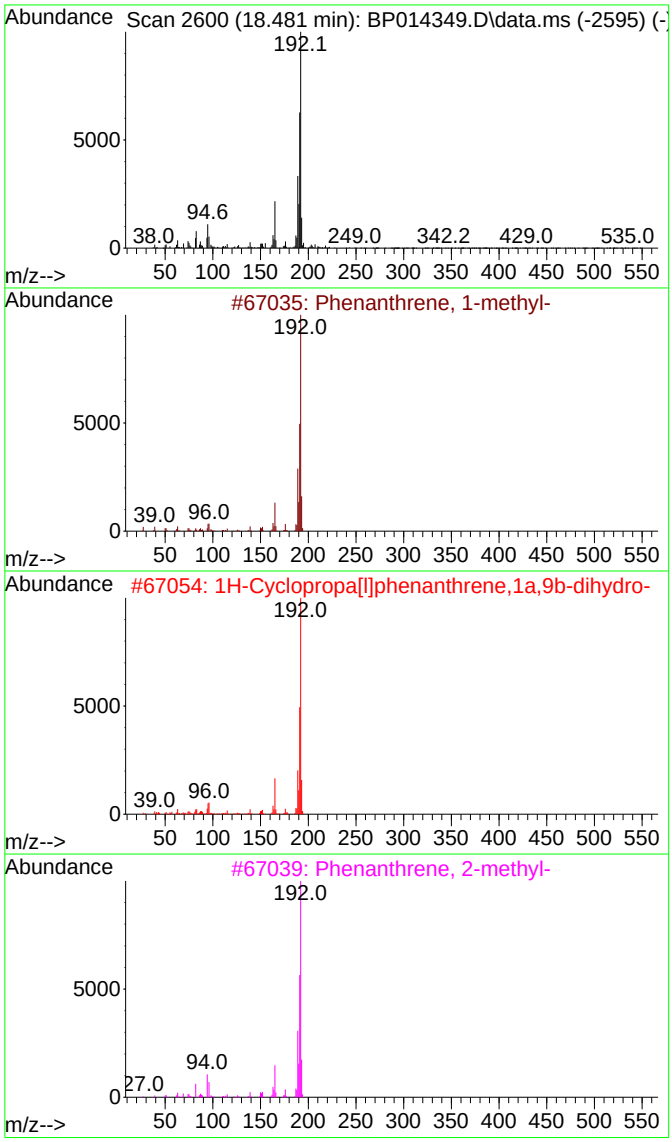
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

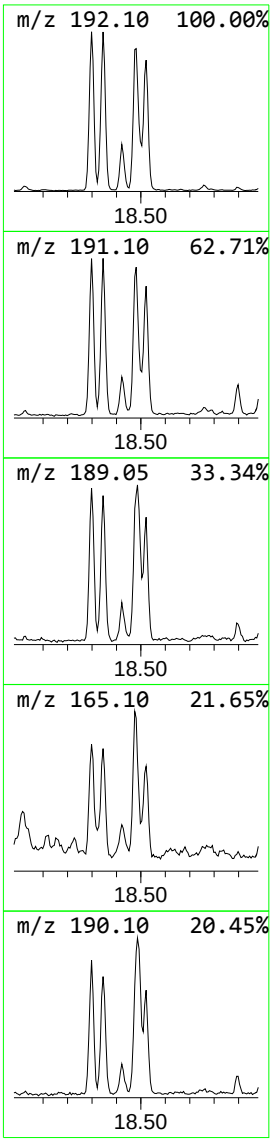
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.480 | 6.54 ng/ul | 808252 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 94 |
| 5 | 1a,9b-Dihydro-1H-cyclopropa[a]an... | 192 | C15H12 | 006109-24-6 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

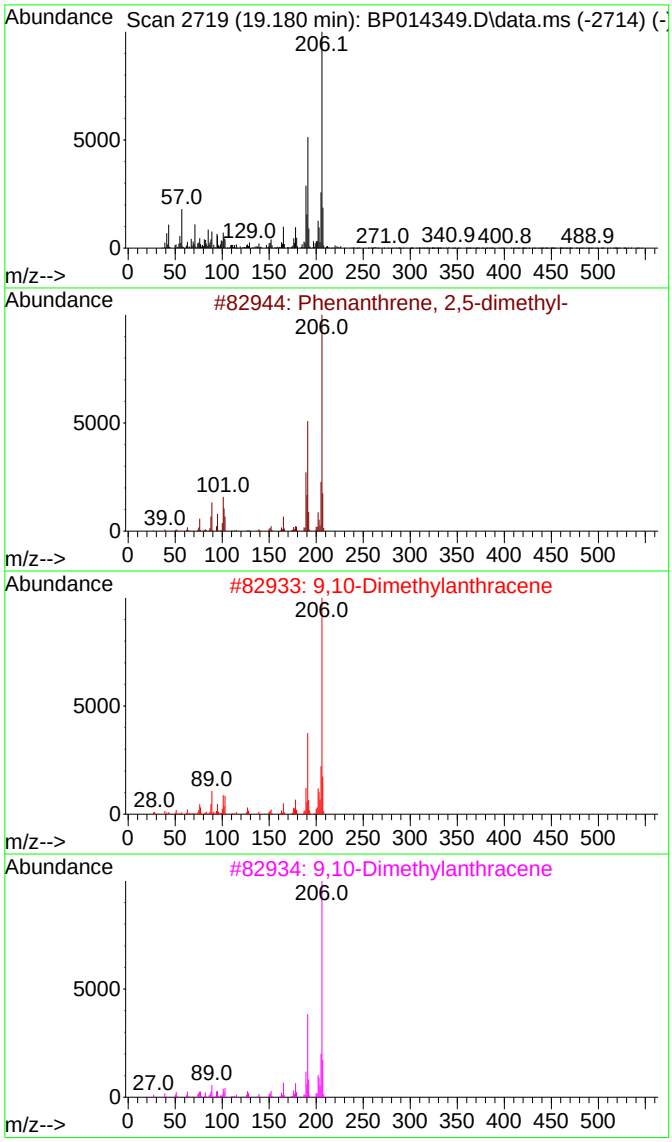
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

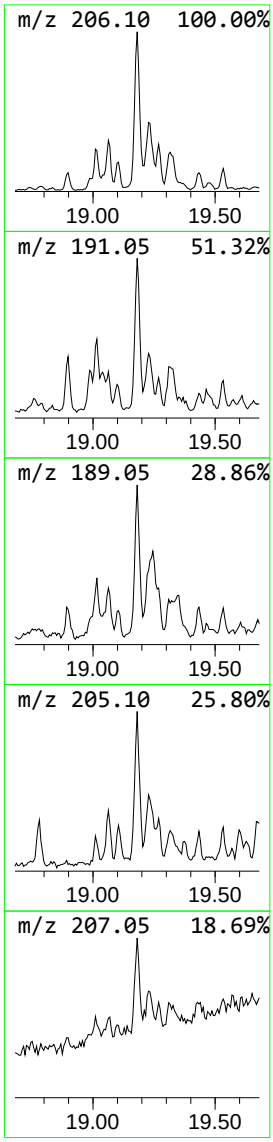
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 Phenanthrene, 2,5-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.180 | 5.07 ng/ul | 626838 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 97 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 4 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 5 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
Data File : BP014349.D
Acq On : 28 Mar 2023 18:05
Operator : CG/JU
Sample : 02087-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0QF9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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 |
| Benzene, 1,3-di... | 6.005 | 3.9 | ng/ul | 179445 | 1 | 8.022 | 911040 | 20.0 |
| Benzene, 1-ethy... | 7.093 | 3.9 | ng/ul | 177007 | 1 | 8.022 | 911040 | 20.0 |
| (DEL) Alkane: S... | 7.622 | 7.2 | ng/ul | 326356 | 1 | 8.022 | 911040 | 20.0 |
| Mesitylene | 7.658 | 20.2 | ng/ul | 918607 | 1 | 8.022 | 911040 | 20.0 |
| Benzene, 1,2,3-... | 8.134 | 12.1 | ng/ul | 550772 | 1 | 8.022 | 911040 | 20.0 |
| Indane | 8.393 | 6.7 | ng/ul | 306477 | 1 | 8.022 | 911040 | 20.0 |
| 1-Propyne, 3-ph... | 8.563 | 17.5 | ng/ul | 796239 | 1 | 8.022 | 911040 | 20.0 |
| Benzene, 1-meth... | 8.658 | 11.8 | ng/ul | 536136 | 1 | 8.022 | 911040 | 20.0 |
| Benzene, 4-ethy... | 8.975 | 4.8 | ng/ul | 217645 | 1 | 8.022 | 911040 | 20.0 |
| o-Cymene | 9.028 | 4.9 | ng/ul | 224814 | 1 | 8.022 | 911040 | 20.0 |
| Benzene, 2-ethy... | 9.128 | 11.2 | ng/ul | 507874 | 1 | 8.022 | 911040 | 20.0 |
| Benzene, 1,2,4,... | 9.657 | 4.0 | ng/ul | 319626 | 2 | 10.846 | 1576750 | 20.0 |
| Benzene, 1,2,3,... | 9.716 | 6.0 | ng/ul | 473420 | 2 | 10.846 | 1576750 | 20.0 |
| Benzene, 1-meth... | 10.234 | 8.7 | ng/ul | 687269 | 2 | 10.846 | 1576750 | 20.0 |
| Naphthalene, 1,... | 10.540 | 3.3 | ng/ul | 259962 | 2 | 10.846 | 1576750 | 20.0 |
| (DEL) Alkane: S... | 12.240 | 2.5 | ng/ul | 197284 | 2 | 10.846 | 1576750 | 20.0 |
| Naphthalene, 1-... | 13.704 | 6.0 | ng/ul | 628877 | 3 | 14.675 | 2108750 | 20.0 |
| Naphthalene, 1,... | 13.834 | 5.5 | ng/ul | 581347 | 3 | 14.675 | 2108750 | 20.0 |
| Naphthalene, 2,... | 13.993 | 15.5 | ng/ul | 1635140 | 3 | 14.675 | 2108750 | 20.0 |
| Naphthalene, 1,... | 14.228 | 6.9 | ng/ul | 729467 | 3 | 14.675 | 2108750 | 20.0 |
| (DEL) Alkane: S... | 14.551 | 2.7 | ng/ul | 288459 | 3 | 14.675 | 2108750 | 20.0 |
| Naphthalene, 2,... | 14.963 | 3.6 | ng/ul | 379280 | 3 | 14.675 | 2108750 | 20.0 |
| Naphthalene, 1,... | 15.145 | 6.3 | ng/ul | 668681 | 3 | 14.675 | 2108750 | 20.0 |
| Phenol, 2,3,5,6... | 15.222 | 3.9 | ng/ul | 411087 | 3 | 14.675 | 2108750 | 20.0 |
| Naphthalene, 1,... | 15.463 | 5.8 | ng/ul | 614527 | 3 | 14.675 | 2108750 | 20.0 |
| (DEL) Alkane: S... | 15.498 | 5.9 | ng/ul | 623431 | 3 | 14.675 | 2108750 | 20.0 |
| 9H-Fluorene, 1-... | 15.881 | 5.0 | ng/ul | 532055 | 3 | 14.675 | 2108750 | 20.0 |
| [1,1'-Biphenyl]... | 16.016 | 5.9 | ng/ul | 617814 | 3 | 14.675 | 2108750 | 20.0 |
| (DEL) Alkane: S... | 16.369 | 3.5 | ng/ul | 430973 | 4 | 17.439 | 2471600 | 20.0 |
| Chamazulene | 16.392 | 4.6 | ng/ul | 566584 | 4 | 17.439 | 2471600 | 20.0 |
| 9H-Fluorene, 2-... | 16.781 | 4.9 | ng/ul | 607923 | 4 | 17.439 | 2471600 | 20.0 |
| (DEL) Alkane: S... | 17.169 | 3.3 | ng/ul | 404196 | 4 | 17.439 | 2471600 | 20.0 |
| Phenanthrene, 1... | 18.298 | 8.7 | ng/ul | 1074180 | 4 | 17.439 | 2471600 | 20.0 |
| Phenanthrene, 2... | 18.345 | 5.3 | ng/ul | 661478 | 4 | 17.439 | 2471600 | 20.0 |
| 1H-Cyclopropa[l... | 18.480 | 6.5 | ng/ul | 808252 | 4 | 17.439 | 2471600 | 20.0 |
| Phenanthrene, 2... | 19.180 | 5.1 | ng/ul | 626838 | 4 | 17.439 | 2471600 | 20.0 |