LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

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-BP102522.M
Title : SVOA CALIBRATION

Signal : TIC: BP012373.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.040 | 7 | 9 | 26 | rVB | 320768 | 473695 | 4.57% | 0.443% |
| 2 | 3.246 | 40 | 44 | 56 | rVB | 44344 | 75828 | 0.73% | 0.071% |
| 3 | 3.693 | 118 | 120 | 131 | rBV | 34733 | 74922 | 0.72% | 0.070% |
| 4 | 3.887 | 148 | 153 | 159 | rBV | 31364 | 51165 | 0.49% | 0.048% |
| 5 | 4.434 | 240 | 246 | 256 | rVB | 252524 | 406925 | 3.92% | 0.381% |
| 6 | 5.111 | 353 | 361 | 373 | rBV | 187917 | 321599 | 3.10% | 0.301% |
| 7 | 6.981 | 673 | 679 | 692 | rBV | 219060 | 405616 | 3.91% | 0.380% |
| 8 | 7.140 | 698 | 706 | 723 | rBV | 894311 | 1467292 | 14.15% | 1.373% |
| 9 | 7.334 | 732 | 739 | 750 | rBV | 824657 | 1374539 | 13.26% | 1.287% |
| 10 | 7.481 | 758 | 764 | 772 | rVB2 | 47062 | 79250 | 0.76% | 0.074% |
| 11 | 7.805 | 811 | 819 | 834 | rBV | 872590 | 1539292 | 14.84% | 1.441% |
| 12 | 8.169 | 872 | 881 | 887 | rVB2 | 31975 | 66376 | 0.64% | 0.062% |
| 13 | 8.522 | 931 | 941 | 953 | rBV | 718585 | 1235951 | 11.92% | 1.157% |
| 14 | 8.799 | 981 | 988 | 997 | rBV | 242703 | 393178 | 3.79% | 0.368% |
| 15 | 8.975 | 1010 | 1018 | 1031 | rBV | 1047211 | 1787044 | 17.23% | 1.673% |
| 16 | 9.146 | 1040 | 1047 | 1058 | rVB2 | 48338 | 92355 | 0.89% | 0.086% |
| 17 | 9.358 | 1080 | 1083 | 1091 | rVB6 | 20809 | 37575 | 0.36% | 0.035% |
| 18 | 9.581 | 1117 | 1121 | 1127 | rVB3 | 18228 | 32673 | 0.32% | 0.031% |
| 19 | 9.693 | 1133 | 1140 | 1151 | rBV | 810477 | 1364779 | 13.16% | 1.277% |
| 20 | 10.034 | 1191 | 1198 | 1205 | rBV3 | 19714 | 38938 | 0.38% | 0.036% |
| 21 | 10.234 | 1224 | 1232 | 1253 | rBV | 1255687 | 2320832 | 22.38% | 2.172% |
| 22 | 10.393 | 1253 | 1259 | 1269 | rBV | 149178 | 353211 | 3.41% | 0.331% |
| 23 | 10.605 | 1288 | 1295 | 1302 | rVV | 1327515 | 2244130 | 21.64% | 2.101% |
| 24 | 10.757 | 1316 | 1321 | 1335 | rVB | 93372 | 196256 | 1.89% | 0.184% |
| 25 | 11.957 | 1518 | 1525 | 1533 | rBV | 44780 | 83067 | 0.80% | 0.078% |
| 26 | 12.204 | 1560 | 1567 | 1575 | rBV | 25438 | 56139 | 0.54% | 0.053% |
| 27 | 12.869 | 1673 | 1680 | 1686 | rVB3 | 24026 | 46272 | 0.45% | 0.043% |
| 28 | 13.046 | 1704 | 1710 | 1720 | rVV | 2359700 | 3672354 | 35.41% | 3.437% |
| 29 | 13.169 | 1726 | 1731 | 1739 | rVB | 13834 | 33552 | 0.32% | 0.031% |
| 30 | 13.404 | 1763 | 1771 | 1779 | rVB7 | 20037 | 71166 | 0.69% | 0.067% |
| 31 | 13.510 | 1784 | 1789 | 1795 | rVB | 45954 | 67771 | 0.65% | 0.063% |
| 32 | 13.869 | 1844 | 1850 | 1863 | rVV | 2906590 | 4117165 | 39.70% | 3.854% |
| 33 | 13.998 | 1865 | 1872 | 1877 | rVB2 | 83063 | 155351 | 1.50% | 0.145% |
| 34 | 14.146 | 1891 | 1897 | 1908 | rVB | 3071419 | 4696057 | 45.29% | 4.396% |
| 35 | 14.246 | 1909 | 1914 | 1921 | rVB | 72312 | 112801 | 1.09% | 0.106% |
| 36 | 14.475 | 1941 | 1953 | 1967 | rBV2 | 5129485 | 10369627 | 100.00% | 9.706% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BHA71

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-BP102522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.587 | 1967 | 1972 | 1977 | rBV | 55959 | 87780 | 0.85% | 0.082% |
| 38 | 14.687 | 1983 | 1989 | 1994 | rBV2 | 194406 | 409278 | 3.95% | 0.383% |
| 39 | 14.798 | 2004 | 2008 | 2017 | rVB | 53049 | 90828 | 0.88% | 0.085% |
| 40 | 14.887 | 2018 | 2023 | 2029 | rVB | 45168 | 65639 | 0.63% | 0.061% |
| 41 | 14.987 | 2036 | 2040 | 2043 | rBV | 43435 | 58250 | 0.56% | 0.055% |
| 42 | 15.116 | 2057 | 2062 | 2067 | rVB | 90737 | 117415 | 1.13% | 0.110% |
| 43 | 15.204 | 2073 | 2077 | 2082 | rVV | 166678 | 223358 | 2.15% | 0.209% |
| 44 | 15.357 | 2098 | 2103 | 2111 | rVB | 99395 | 144329 | 1.39% | 0.135% |
| 45 | 15.451 | 2113 | 2119 | 2131 | rBV | 4328967 | 6371645 | 61.45% | 5.964% |
| 46 | 15.587 | 2136 | 2142 | 2155 | rBV | 1323110 | 1910632 | 18.43% | 1.788% |
| 47 | 15.710 | 2155 | 2163 | 2172 | rVB | 837532 | 1224611 | 11.81% | 1.146% |
| 48 | 15.969 | 2203 | 2207 | 2212 | rVV2 | 154939 | 219601 | 2.12% | 0.206% |
| 49 | 16.098 | 2224 | 2229 | 2233 | rBV4 | 116908 | 198394 | 1.91% | 0.186% |
| 50 | 16.145 | 2233 | 2237 | 2244 | rVV2 | 403772 | 668493 | 6.45% | 0.626% |
| 51 | 16.198 | 2244 | 2246 | 2250 | rVB | 37267 | 42879 | 0.41% | 0.040% |
| 52 | 16.292 | 2258 | 2262 | 2267 | rBV | 94112 | 135833 | 1.31% | 0.127% |
| 53 | 16.351 | 2267 | 2272 | 2275 | rVV2 | 125253 | 226746 | 2.19% | 0.212% |
| 54 | 16.398 | 2275 | 2280 | 2287 | rVV | 629710 | 1093939 | 10.55% | 1.024% |
| 55 | 16.457 | 2287 | 2290 | 2293 | rVV | 68957 | 97611 | 0.94% | 0.091% |
| 56 | 16.504 | 2293 | 2298 | 2302 | rVV5 | 53286 | 134152 | 1.29% | 0.126% |
| 57 | 16.557 | 2304 | 2307 | 2312 | rVV | 80183 | 112591 | 1.09% | 0.105% |
| 58 | 16.616 | 2312 | 2317 | 2324 | rVV5 | 80307 | 162715 | 1.57% | 0.152% |
| 59 | 16.681 | 2324 | 2328 | 2332 | rVV | 92564 | 141606 | 1.37% | 0.133% |
| 60 | 16.722 | 2332 | 2335 | 2337 | rVV2 | 51243 | 70452 | 0.68% | 0.066% |
| 61 | 16.757 | 2338 | 2341 | 2346 | rVV4 | 63365 | 102511 | 0.99% | 0.096% |
| 62 | 16.816 | 2346 | 2351 | 2360 | rVB | 461106 | 627843 | 6.05% | 0.588% |
| 63 | 16.887 | 2360 | 2363 | 2369 | rBV8 | 23651 | 33258 | 0.32% | 0.031% |
| 64 | 16.975 | 2374 | 2378 | 2383 | rVB | 190429 | 253825 | 2.45% | 0.238% |
| 65 | 17.081 | 2392 | 2396 | 2402 | rBV2 | 64223 | 108033 | 1.04% | 0.101% |
| 66 | 17.216 | 2413 | 2419 | 2428 | rVB | 2872300 | 4141885 | 39.94% | 3.877% |
| 67 | 17.316 | 2429 | 2436 | 2446 | rBV | 5435229 | 7702398 | 74.28% | 7.209% |
| 68 | 17.492 | 2462 | 2466 | 2470 | rVB3 | 49705 | 65979 | 0.64% | 0.062% |
| 69 | 17.581 | 2477 | 2481 | 2487 | rBV2 | 68070 | 133909 | 1.29% | 0.125% |
| 70 | 17.698 | 2497 | 2501 | 2507 | rBV | 82223 | 122342 | 1.18% | 0.115% |
| 71 | 17.781 | 2511 | 2515 | 2521 | rVB2 | 47751 | 68830 | 0.66% | 0.064% |
| 72 | 17.898 | 2529 | 2535 | 2541 | rBV2 | 510446 | 838347 | 8.08% | 0.785% |
| 73 | 18.057 | 2557 | 2562 | 2566 | rBV | 224510 | 313865 | 3.03% | 0.294% |
| 74 | 18.104 | 2566 | 2570 | 2576 | rVV | 253125 | 362163 | 3.49% | 0.339% |
| 75 | 18.251 | 2591 | 2595 | 2600 | rVB | 381210 | 466756 | 4.50% | 0.437% |
| 76 | 18.351 | 2608 | 2612 | 2615 | rBV | 227917 | 320282 | 3.09% | 0.300% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

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-BP102522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.398 | 2615 | 2620 | 2625 | rVB | 377680 | 597983 | 5.77% | 0.560% |
| 78 | 18.651 | 2659 | 2663 | 2669 | rVB2 | 104134 | 159408 | 1.54% | 0.149% |
| 79 | 18.898 | 2701 | 2705 | 2715 | rBV2 | 156582 | 271041 | 2.61% | 0.254% |
| 80 | 19.134 | 2740 | 2745 | 2748 | rBV | 546256 | 714395 | 6.89% | 0.669% |
| 81 | 19.198 | 2753 | 2756 | 2763 | rVV | 110216 | 187596 | 1.81% | 0.176% |
| 82 | 19.281 | 2766 | 2770 | 2776 | rVV | 220250 | 307393 | 2.96% | 0.288% |
| 83 | 19.339 | 2776 | 2780 | 2789 | rVB | 221020 | 342943 | 3.31% | 0.321% |
| 84 | 19.469 | 2799 | 2802 | 2808 | rVB | 108922 | 134602 | 1.30% | 0.126% |
| 85 | 19.557 | 2811 | 2817 | 2822 | rVV | 7083818 | 9528454 | 91.89% | 8.919% |
| 86 | 19.604 | 2822 | 2825 | 2834 | rVB | 425252 | 610482 | 5.89% | 0.571% |
| 87 | 19.769 | 2850 | 2853 | 2859 | rBV2 | 67836 | 91093 | 0.88% | 0.085% |
| 88 | 19.845 | 2863 | 2866 | 2874 | rVB2 | 99087 | 145488 | 1.40% | 0.136% |
| 89 | 19.957 | 2882 | 2885 | 2889 | rBV2 | 114630 | 154979 | 1.49% | 0.145% |
| 90 | 20.004 | 2889 | 2893 | 2897 | rVV2 | 181495 | 237852 | 2.29% | 0.223% |
| 91 | 20.081 | 2898 | 2906 | 2912 | rVV4 | 525457 | 1283278 | 12.38% | 1.201% |
| 92 | 20.139 | 2912 | 2916 | 2921 | rVV2 | 311246 | 391378 | 3.77% | 0.366% |
| 93 | 20.498 | 2974 | 2977 | 2982 | rBV2 | 112086 | 122685 | 1.18% | 0.115% |
| 94 | 20.551 | 2983 | 2986 | 2993 | rVV4 | 121434 | 194153 | 1.87% | 0.182% |
| 95 | 20.698 | 3007 | 3011 | 3018 | rBV | 494776 | 579999 | 5.59% | 0.543% |
| 96 | 21.022 | 3062 | 3066 | 3074 | rBV2 | 278450 | 461012 | 4.45% | 0.432% |
| 97 | 21.216 | 3096 | 3099 | 3103 | rBV | 163200 | 167981 | 1.62% | 0.157% |
| 98 | 21.310 | 3110 | 3115 | 3126 | rBV | 4247718 | 5437456 | 52.44% | 5.089% |
| 99 | 23.551 | 3489 | 3496 | 3509 | rVB2 | 4796619 | 10150398 | 97.89% | 9.501% |
| 100 | 23.704 | 3516 | 3522 | 3535 | rVB2 | 2410183 | 4979155 | 48.02% | 4.661% |

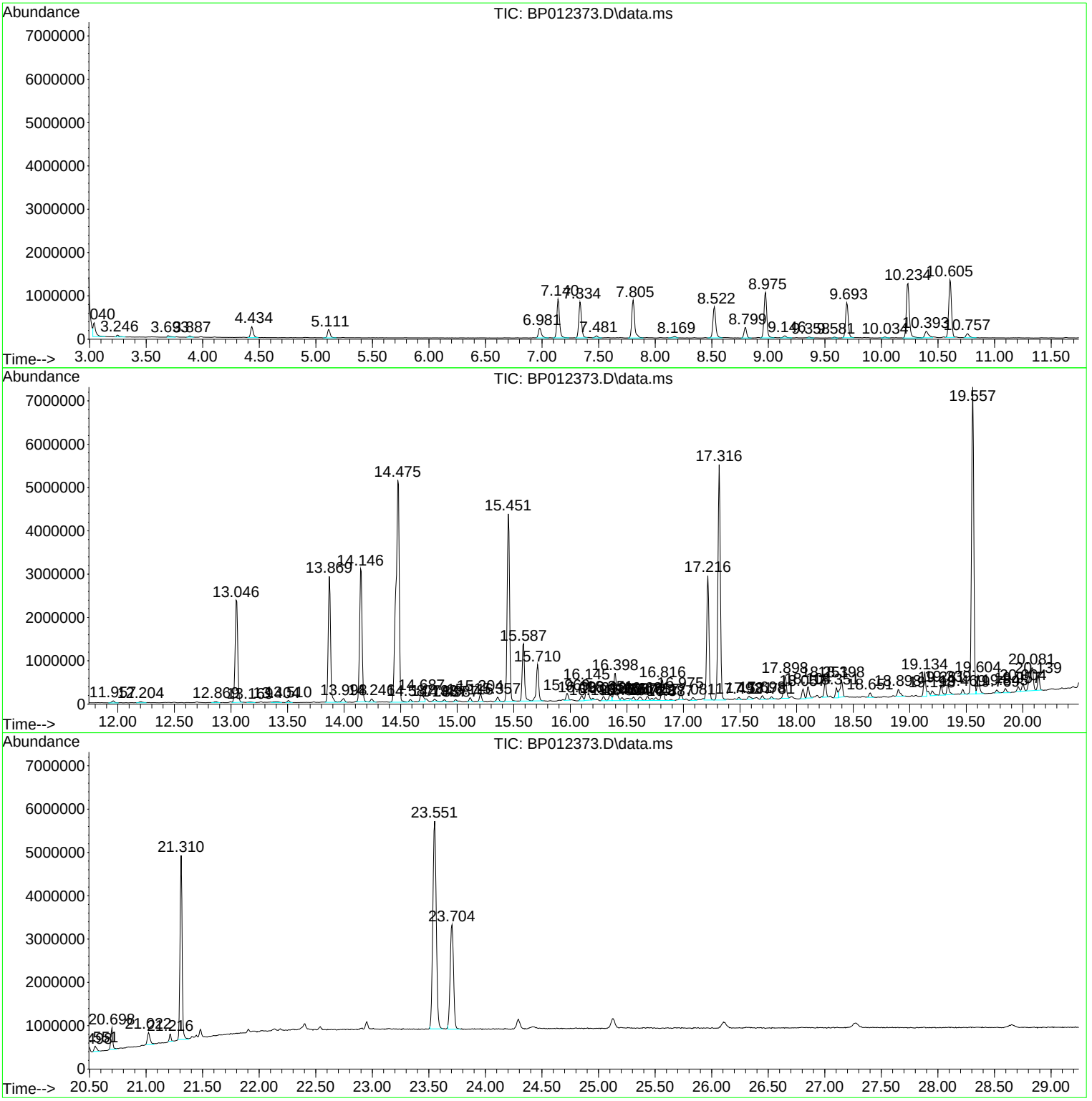
Sum of corrected areas: 106836950

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

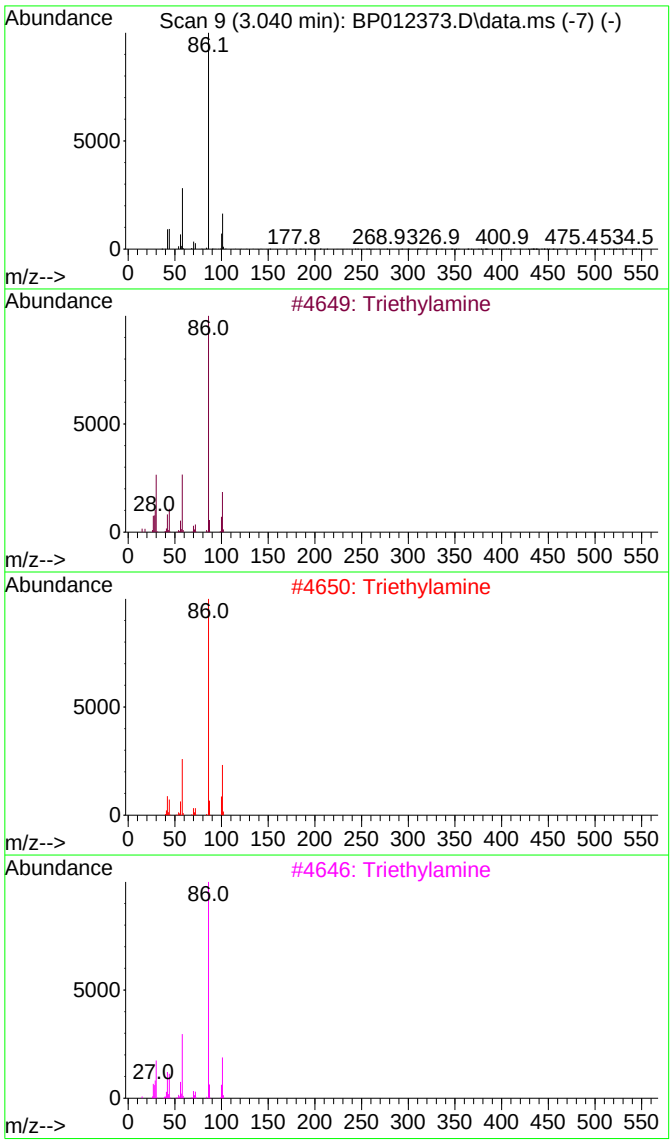
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

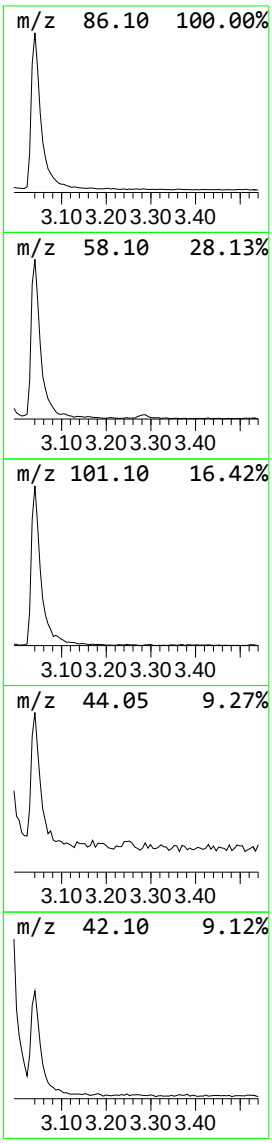
**********

Peak Number 1 Triethylamine Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.040 | 6.15 ng/ul | 473695 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triethylamine | 101 | C6H15N | 000121-44-8 | 91 |
| 2 | Triethylamine | 101 | C6H15N | 000121-44-8 | 91 |
| 3 | Triethylamine | 101 | C6H15N | 000121-44-8 | 91 |
| 4 | Triethylamine | 101 | C6H15N | 000121-44-8 | 86 |
| 5 | Tetraethylammonium chloride | 165 | C8H20ClN | 000056-34-8 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

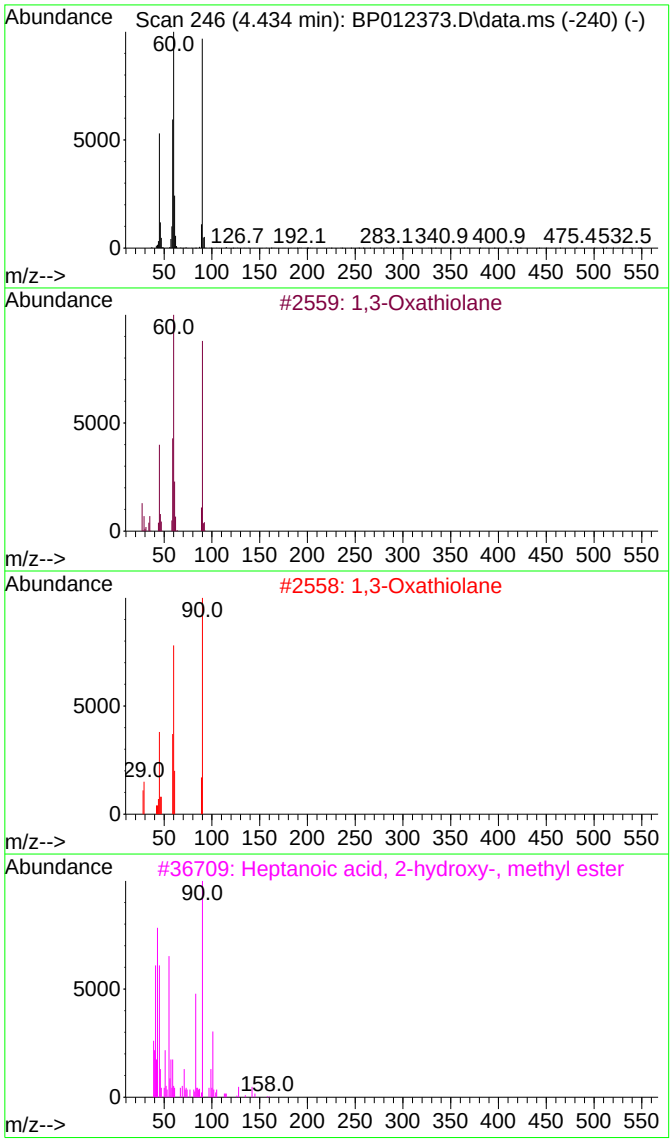
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

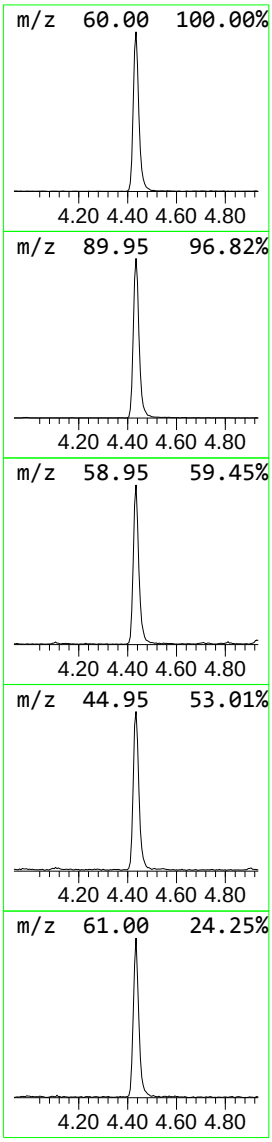
**********

Peak Number 2 1,3-Oxathiolane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.434 | 5.29 ng/ul | 406925 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Oxathiolane | 90 | C3H6OS | 002094-97-5 | 94 |
| 2 | 1,3-Oxathiolane | 90 | C3H6OS | 002094-97-5 | 64 |
| 3 | Heptanoic acid, 2-hydroxy-, meth... | 160 | C8H16O3 | 054340-91-9 | 53 |
| 4 | Thiourea, methyl- | 90 | C2H6N2S | 000598-52-7 | 50 |
| 5 | 3-Thietanol | 90 | C3H6OS | 010304-16-2 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

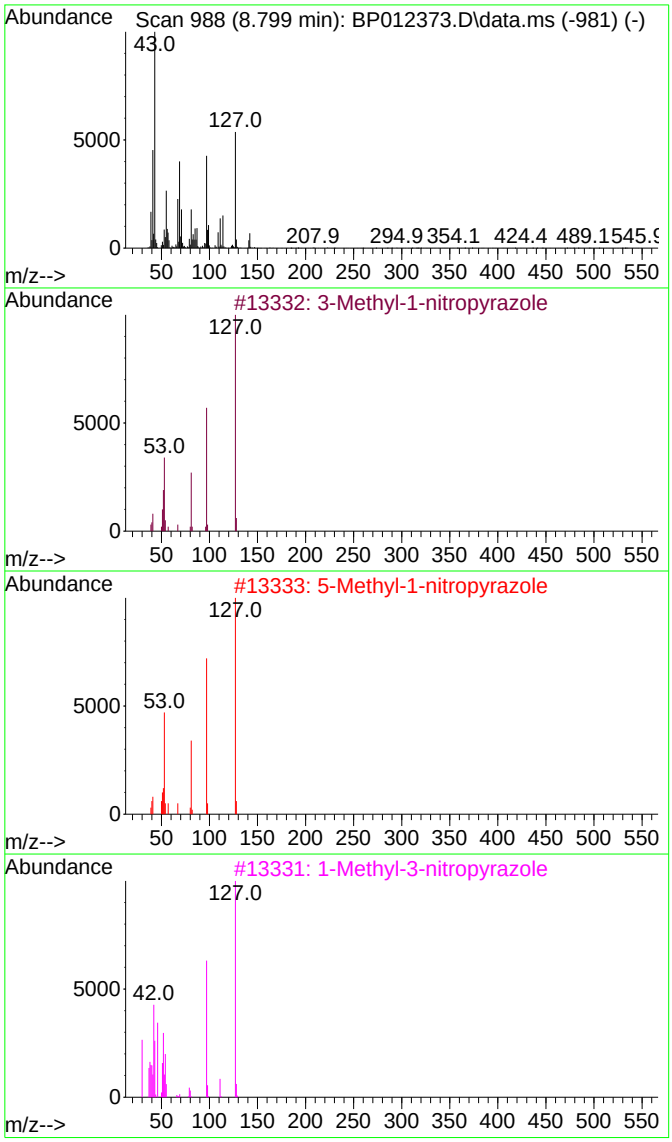
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

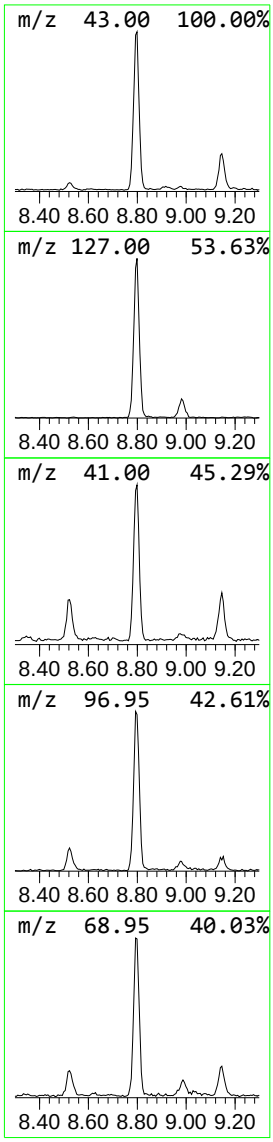
**********

Peak Number 4 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.799 | 5.11 ng/ul | 393178 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methyl-1-nitropyrazole | 127 | C4H5N3O2 | 031163-84-5 | 43 |
| 2 | 5-Methyl-1-nitropyrazole | 127 | C4H5N3O2 | 031163-85-6 | 38 |
| 3 | 1-Methyl-3-nitropyrazole | 127 | C4H5N3O2 | 054210-32-1 | 38 |
| 4 | 1-Methyl-3-nitropyrazole | 127 | C4H5N3O2 | 054210-32-1 | 37 |
| 5 | 1,3,5-Triazin-2(1H)-one, 4,6-dia... | 127 | C3H5N5O | 000645-92-1 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

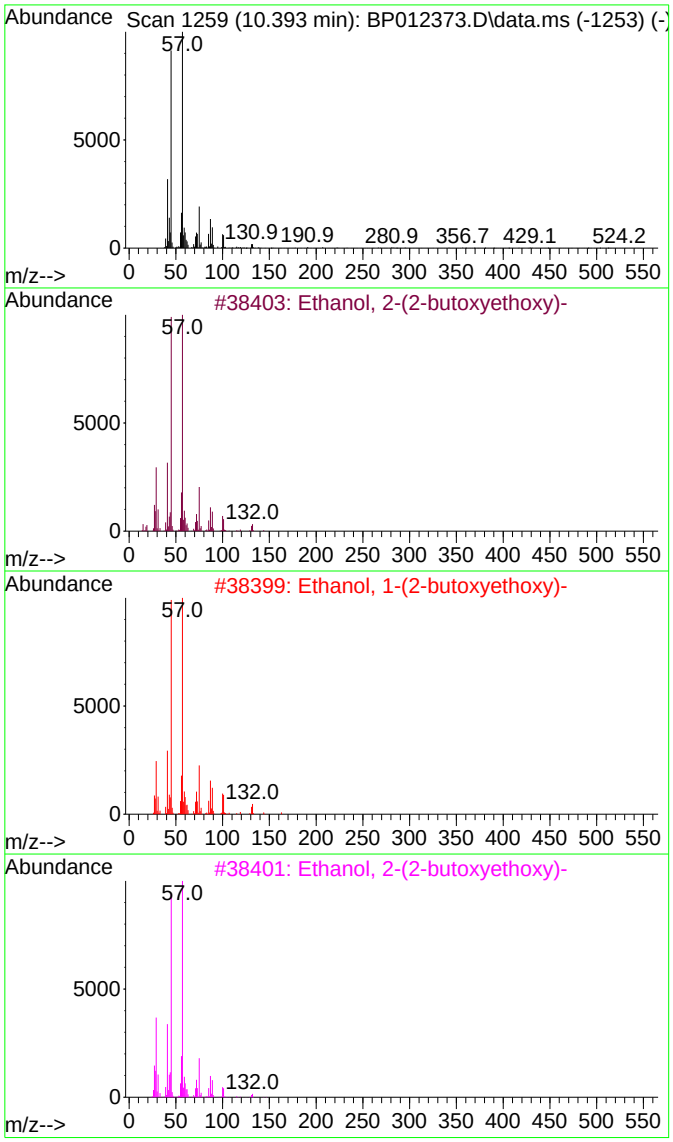
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

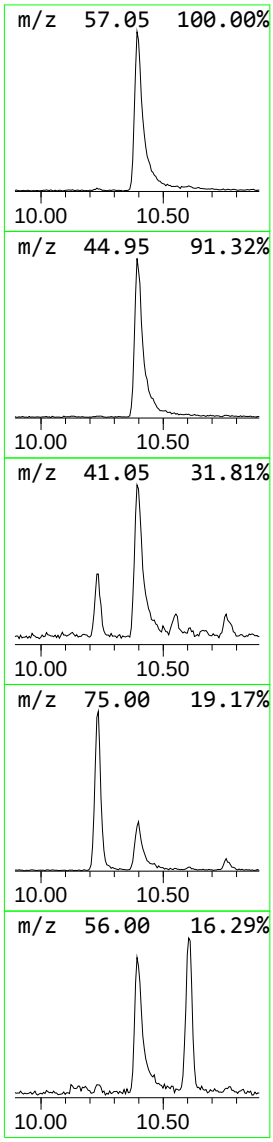
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.393 | 3.15 ng/ul | 353211 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90 |
| 3 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 4 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83 |
| 5 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

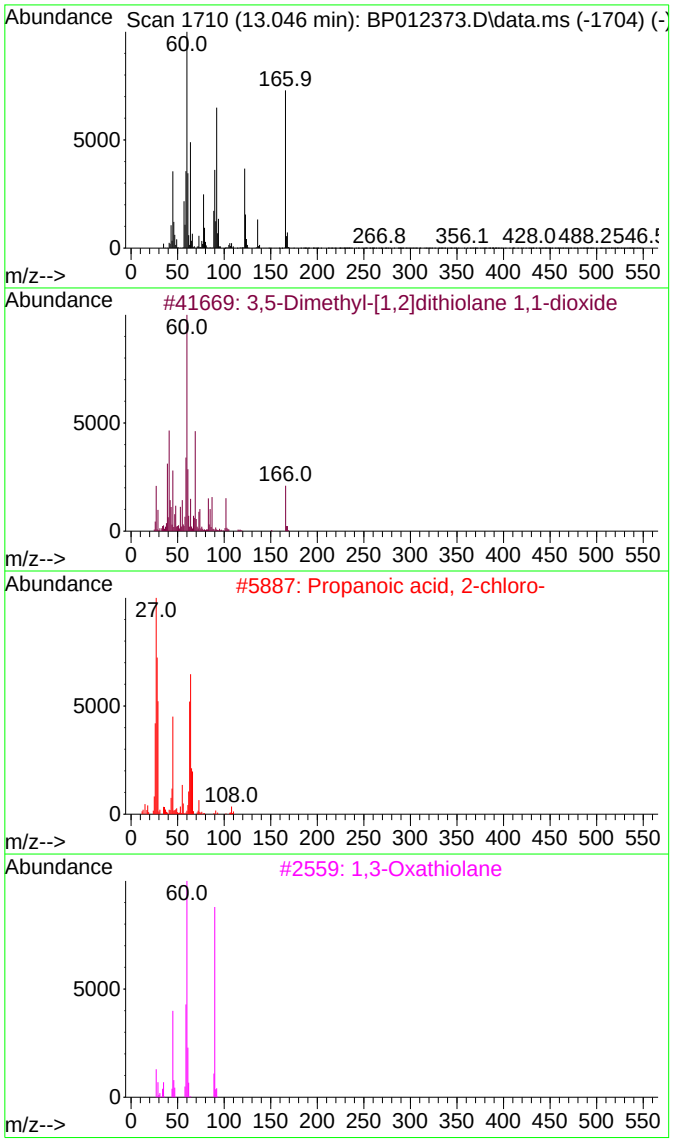
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

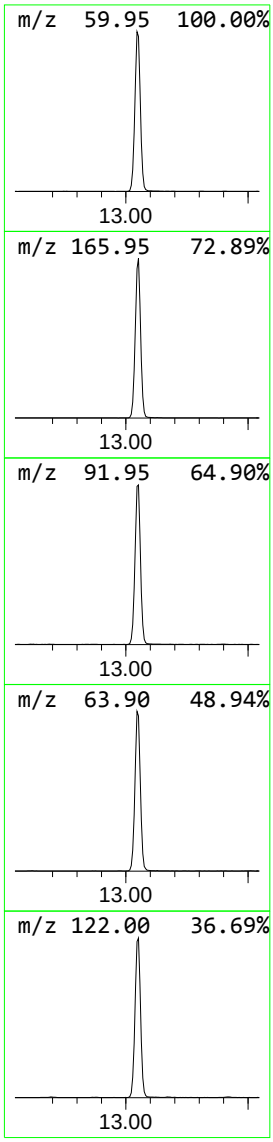
**********

Peak Number 6 unknown-02 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.046 | 7.08 ng/ul | 3672350 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-Dimethyl-[1,2]dithiolane 1,1... | 166 | C5H10O2S2 | 1000185-07-5 | 27 |
| 2 | Propanoic acid, 2-chloro- | 108 | C3H5ClO2 | 000598-78-7 | 25 |
| 3 | 1,3-Oxathiolane | 90 | C3H6OS | 002094-97-5 | 14 |
| 4 | Vinylsulfonamide | 107 | C2H5NO2S | 002386-58-5 | 12 |
| 5 | 2-Methyl-1,3-oxathiolane | 104 | C4H8OS | 017642-74-9 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

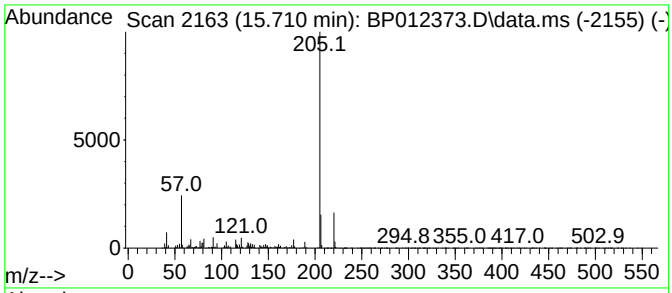
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

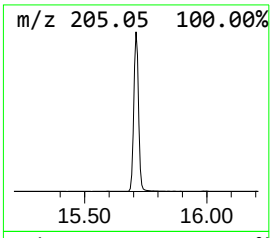
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

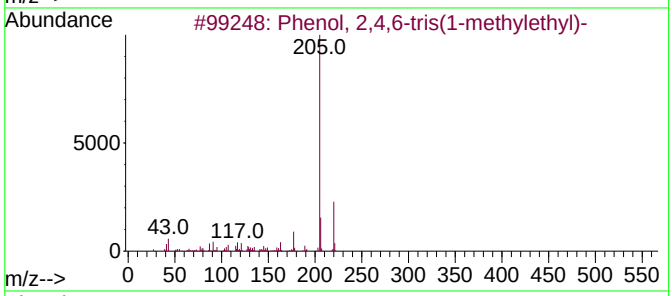
**********
Peak Number 7 Phenol, 2,4,6-tris(1-methyl... Concentration Rank 14

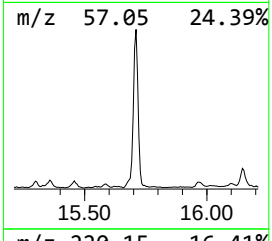
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.710 | 2.36 ng/ul | 1224610 | Acenaphthene-d10 | 14.457 |

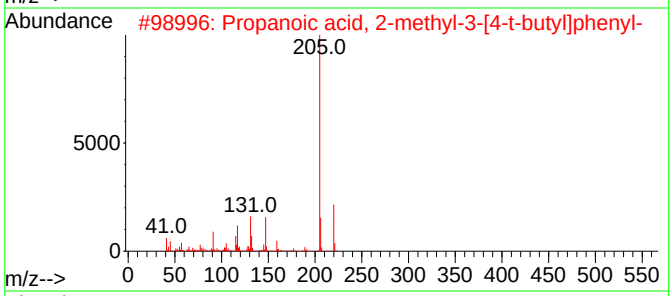
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,6-tris(1-methylethyl)- | 220 | C15H24O | 002934-07-8 | 90 |
| 2 | Propanoic acid, 2-methyl-3-[4-t-... | 220 | C14H20O2 | 1000131-87-0 | 87 |
| 3 | Phenol, 4,6-di(1,1-dimethylethyl... | 220 | C15H24O | 000616-55-7 | 87 |
| 4 | 2H-1-Benzopyran, 6,7-dimethoxy-2... | 220 | C13H16O3 | 000644-06-4 | 72 |
| 5 | Trimethyl-3,4-methylenedioxychro... | 220 | C13H16O3 | 1000378-97-7 | 72 |

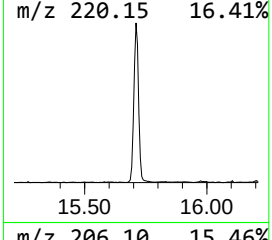


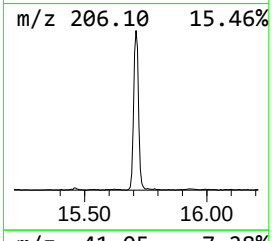



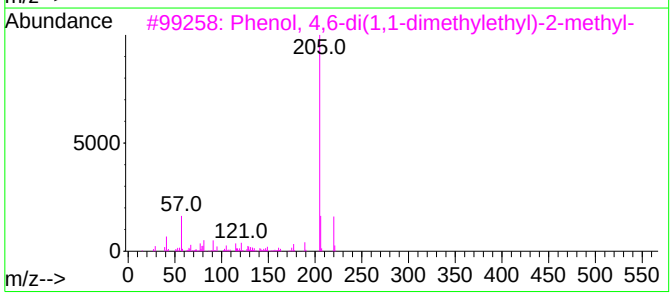



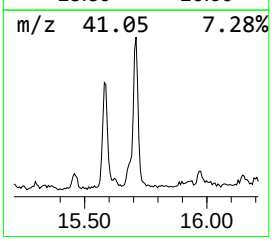



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

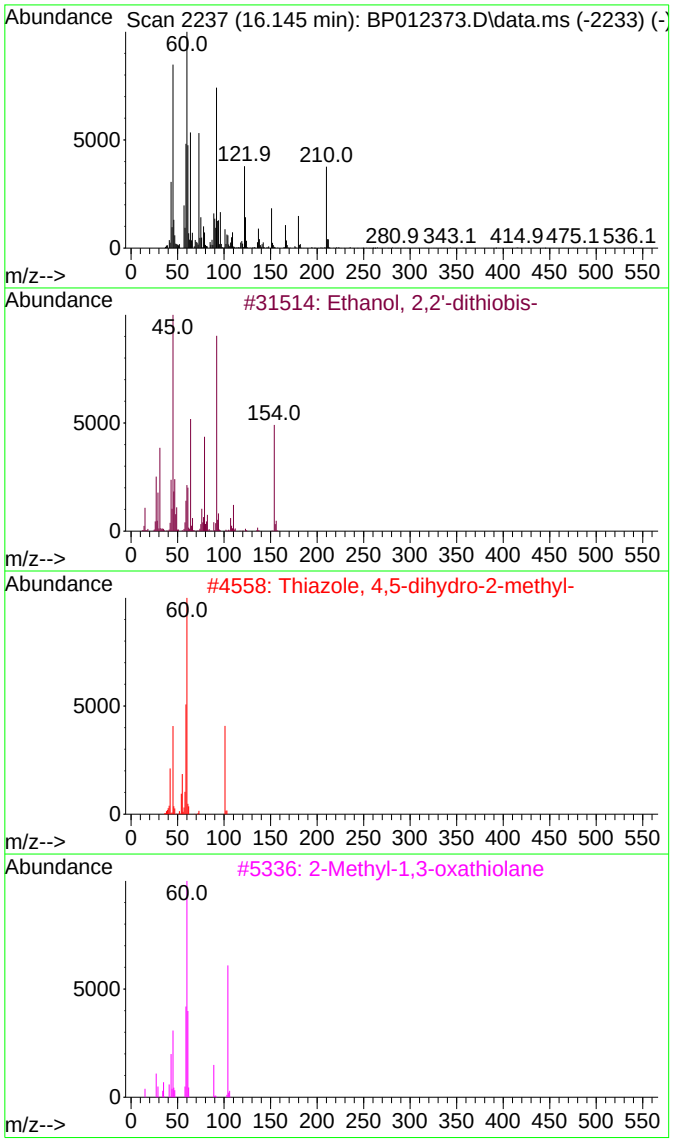
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

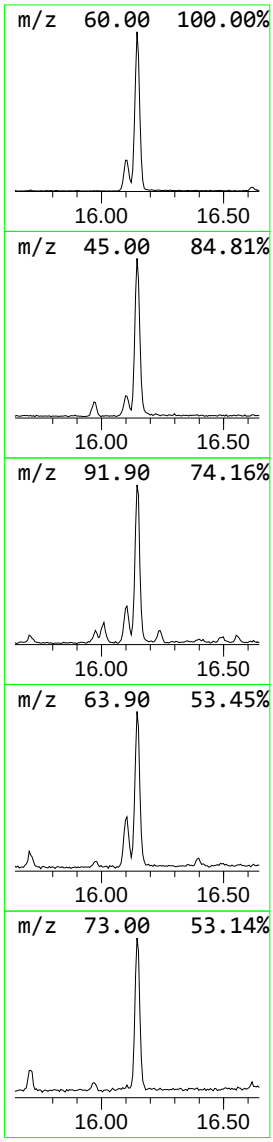
**********

Peak Number 8 unknown-03 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.145 | 3.23 ng/ul | 668493 | Phenanthrene-d10 | 17.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2,2'-dithiobis- | 154 | C4H10O2S2 | 001892-29-1 | 33 |
| 2 | Thiazole, 4,5-dihydro-2-methyl- | 101 | C4H7NS | 002346-00-1 | 30 |
| 3 | 2-Methyl-1,3-oxathiolane | 104 | C4H8OS | 017642-74-9 | 27 |
| 4 | 2-Hydroxyethyl vinyl sulfide | 104 | C4H8OS | 003090-56-0 | 22 |
| 5 | 1,3-Dioxane, 5,5-difluoro- | 124 | C4H6F2O2 | 036301-44-7 | 18 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

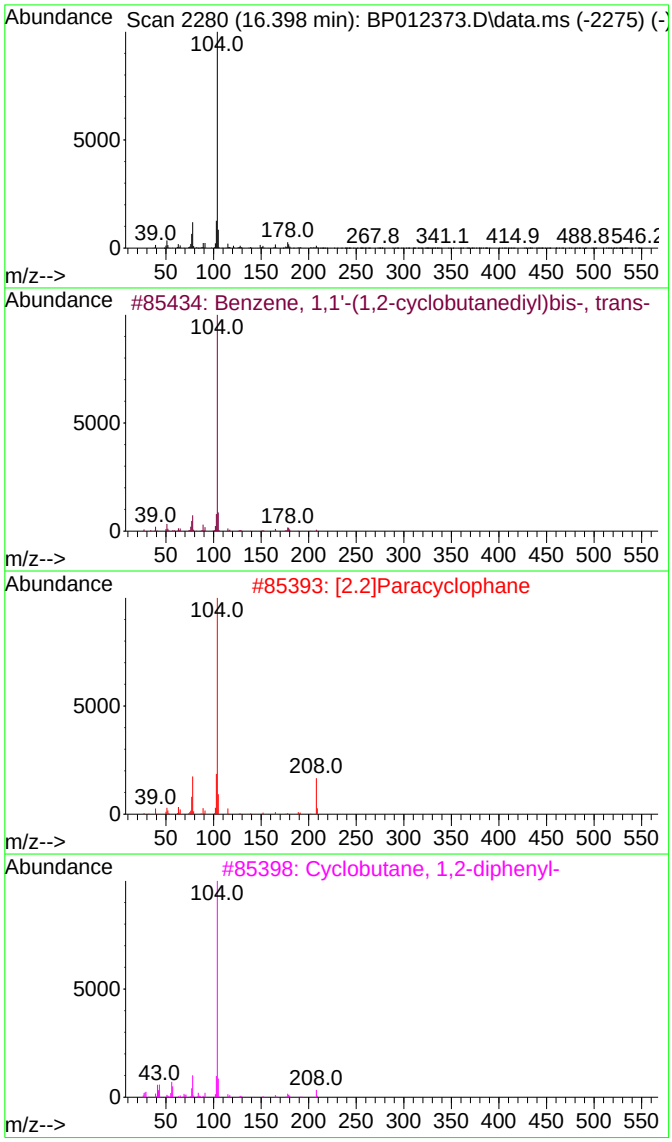
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

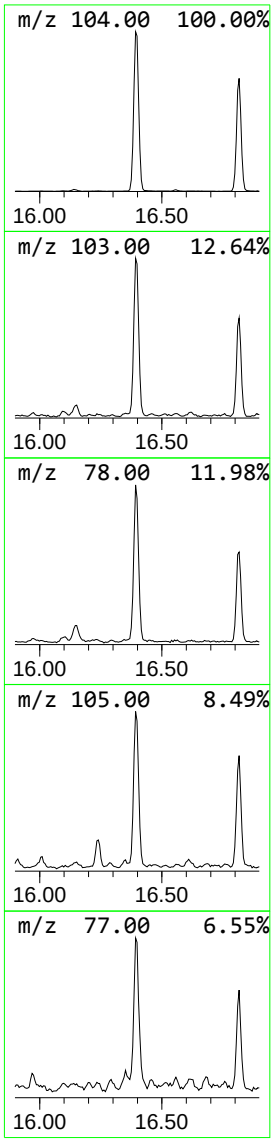
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.398 | 5.28 ng/ul | 1093940 | Phenanthrene-d10 | 17.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(1,2-cyclobutanedi... | 208 | C16H16 | 020071-09-4 | 93 |
| 2 | [2.2]Paracyclophane | 208 | C16H16 | 001633-22-3 | 83 |
| 3 | Cyclobutane, 1,2-diphenyl- | 208 | C16H16 | 003018-21-1 | 78 |
| 4 | [2.2]Paracyclophane | 208 | C16H16 | 001633-22-3 | 72 |
| 5 | Phensuximide | 189 | C11H11NO2 | 000086-34-0 | 72 |



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Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

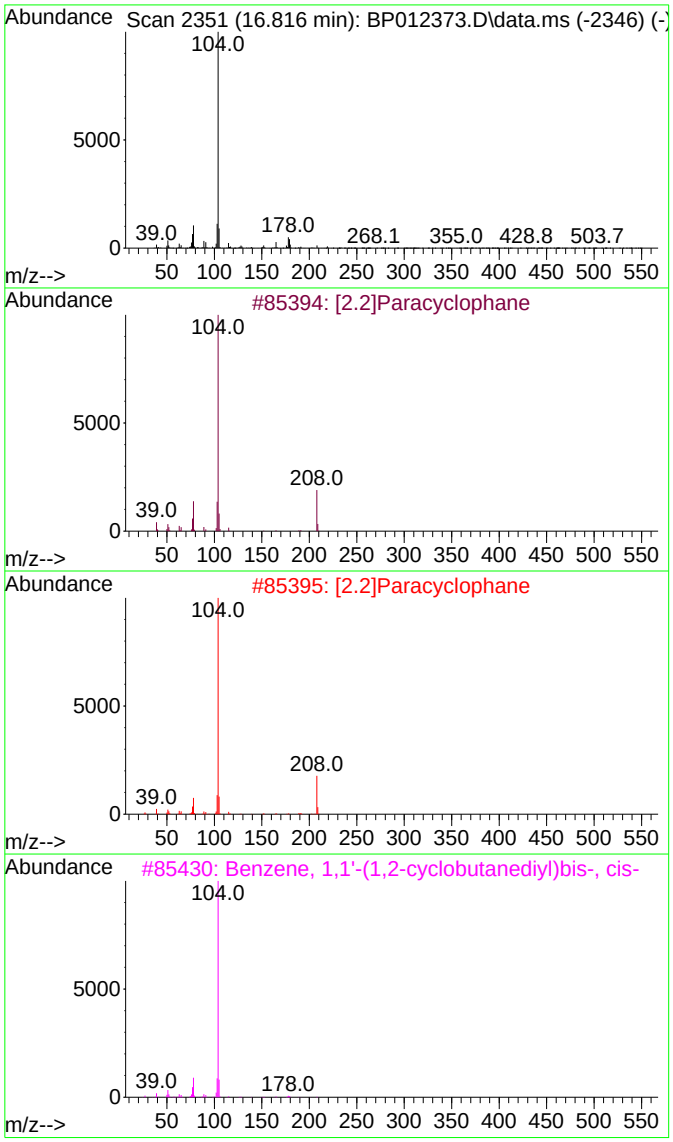
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

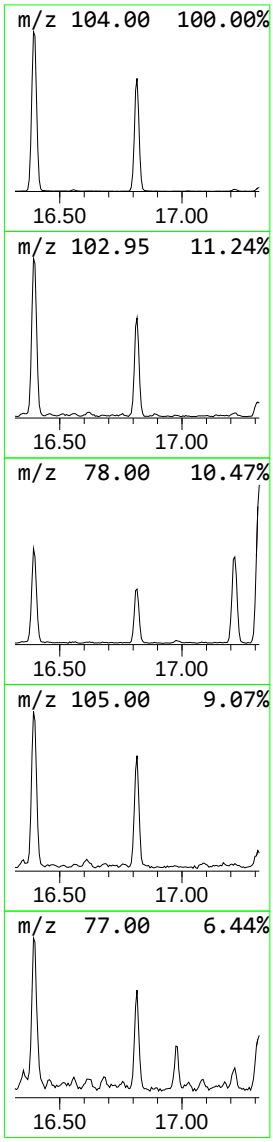
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 [2.2]Paracyclophane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.816 | 3.03 ng/ul | 627843 | Phenanthrene-d10 | 17.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [2.2]Paracyclophane | 208 | C16H16 | 001633-22-3 | 72 |
| 2 | [2.2]Paracyclophane | 208 | C16H16 | 001633-22-3 | 72 |
| 3 | Benzene, 1,1'-(1,2-cyclobutanedi... | 208 | C16H16 | 007694-30-6 | 72 |
| 4 | 5,5-Dimethyl-4-phenyldihydrofura... | 190 | C12H14O2 | 013133-96-5 | 72 |
| 5 | Cyclobutane, 1,2-diphenyl- | 208 | C16H16 | 003018-21-1 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

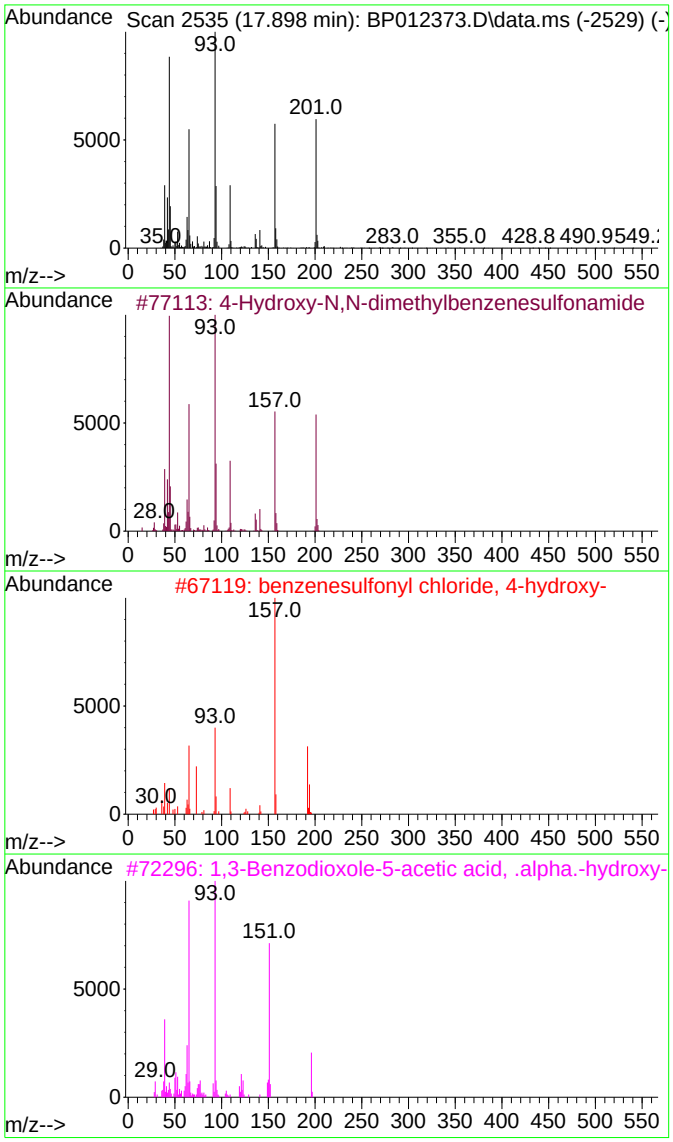
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

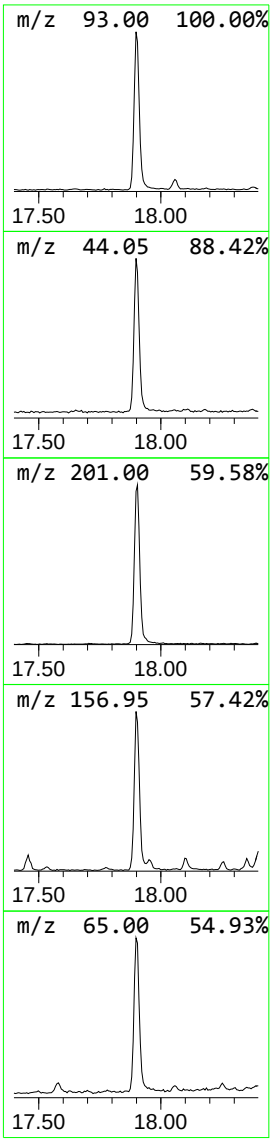
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 4-Hydroxy-N,N-dimethylbenze... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.898 | 4.05 ng/ul | 838347 | Phenanthrene-d10 | 17.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Hydroxy-N,N-dimethylbenzenesul... | 201 | C8H11NO3S | 015020-57-2 | 99 |
| 2 | benzenesulfonyl chloride, 4-hydr... | 192 | C6H5ClO3S | 1000400-26-6 | 28 |
| 3 | 1,3-Benzodioxole-5-acetic acid, ... | 196 | C9H8O5 | 027738-46-1 | 23 |
| 4 | 3-Buten-2-one, 4-(2-furanyl)- | 136 | C8H8O2 | 000623-15-4 | 16 |
| 5 | 1-Acetylcyclopentadiene | 108 | C7H8O | 060032-12-4 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

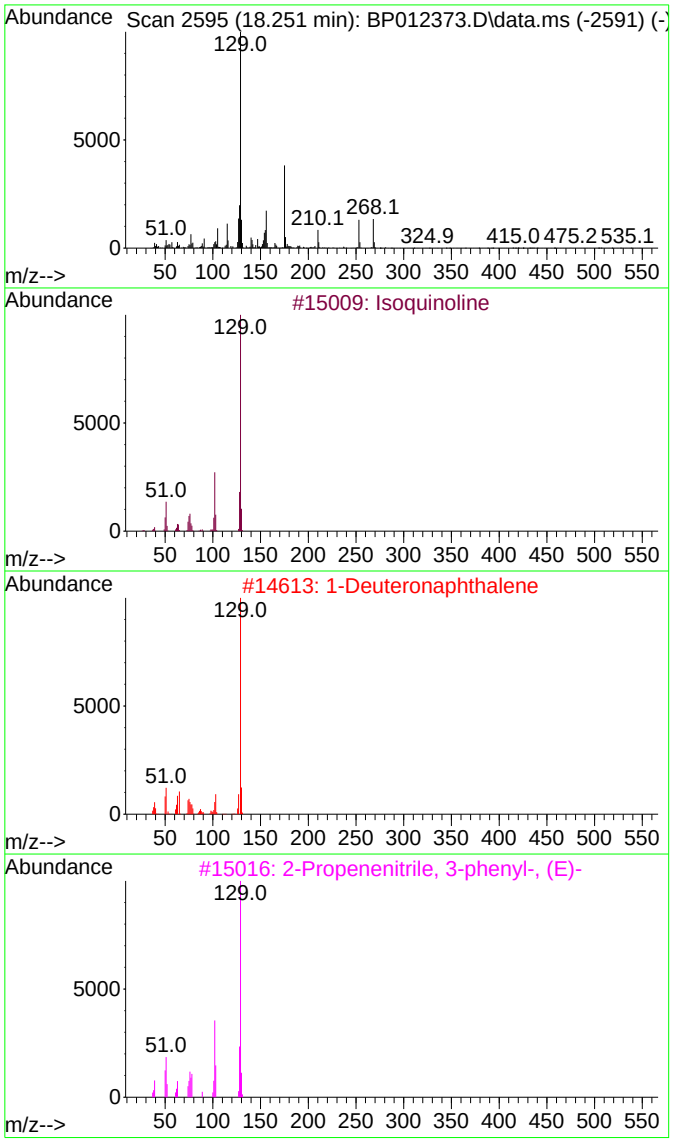
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

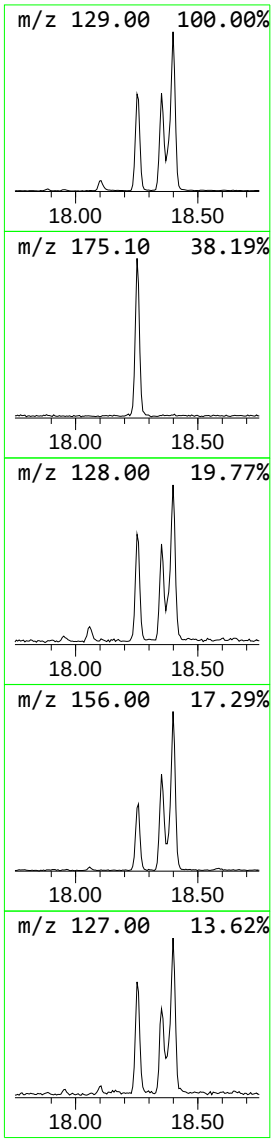
**********

Peak Number 12 unknown-04 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.251 | 2.25 ng/ul | 466756 | Phenanthrene-d10 | 17.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isoquinoline | 129 | C9H7N | 000119-65-3 | 46 |
| 2 | 1-Deuteronaphthalene | 129 | C10H7D | 000875-62-7 | 43 |
| 3 | 2-Propenenitrile, 3-phenyl-, (E)- | 129 | C9H7N | 001885-38-7 | 43 |
| 4 | Quinoline | 129 | C9H7N | 000091-22-5 | 43 |
| 5 | 2-Propenenitrile, 3-phenyl-, (E)- | 129 | C9H7N | 001885-38-7 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

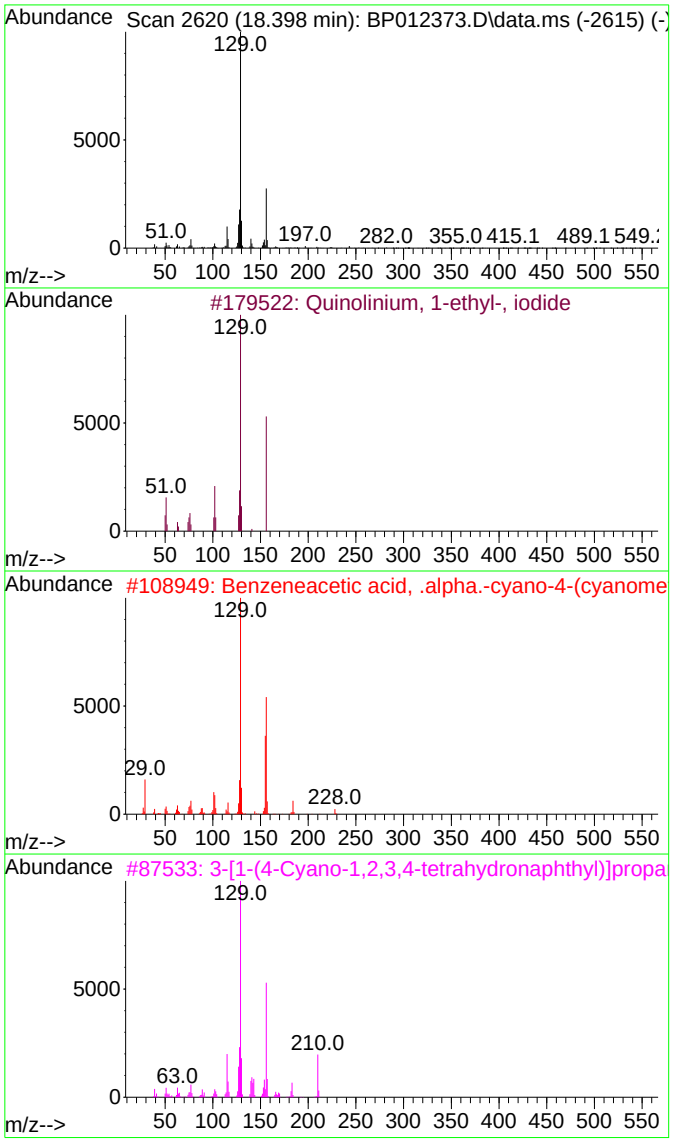
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

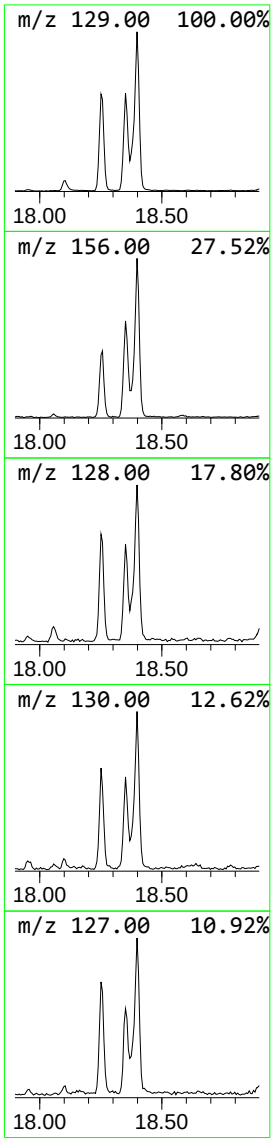
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Quinolinium, 1-ethyl-, iodide Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.398 | 2.89 ng/ul | 597983 | Phenanthrene-d10 | 17.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Quinolinium, 1-ethyl-, iodide | 285 | C11H12IN | 000634-35-5 | 64 |
| 2 | Benzeneacetic acid, .alpha.-cyan... | 228 | C13H12N2O2 | 134882-04-5 | 56 |
| 3 | 3-[1-(4-Cyano-1,2,3,4-tetrahydro... | 210 | C14H14N2 | 057964-40-6 | 47 |
| 4 | Isoquinoline | 129 | C9H7N | 000119-65-3 | 40 |
| 5 | 2-Propenenitrile, 3-phenyl-, (E)- | 129 | C9H7N | 001885-38-7 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

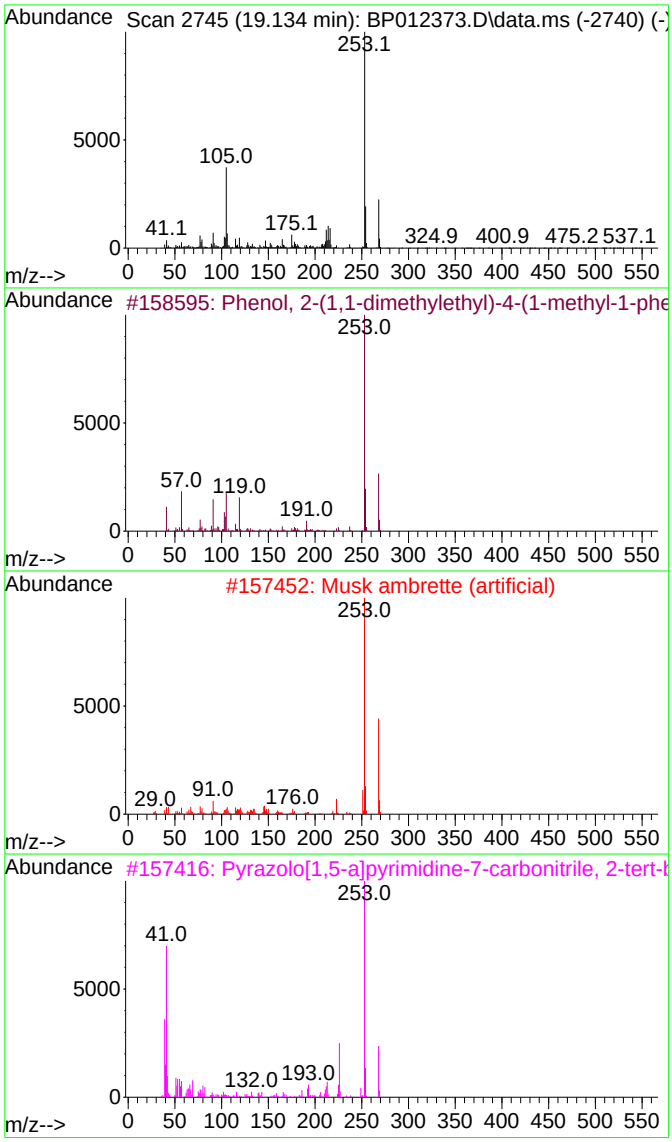
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

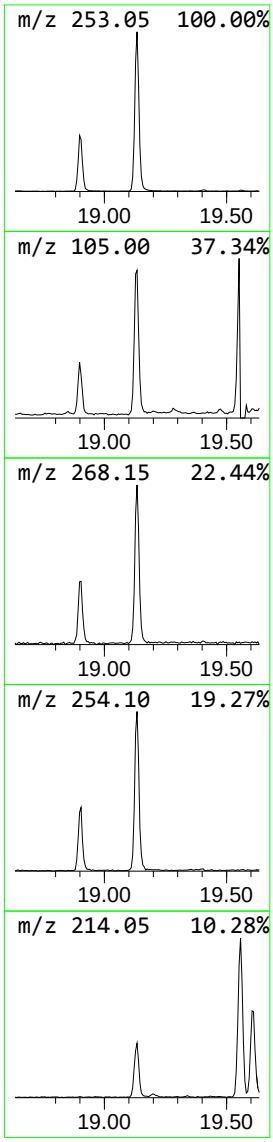
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Phenol, 2-(1,1-dimethylethy... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.134 | 3.45 ng/ul | 714395 | Phenanthrene-d10 | 17.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-(1,1-dimethylethyl)-4-... | 268 | C19H24O | 056187-92-9 | 64 |
| 2 | Musk ambrette (artificial) | 268 | C12H16N2O5 | 000083-66-9 | 50 |
| 3 | Pyrazolo[1,5-a]pyrimidine-7-carb... | 268 | C12H11F3N4 | 1000264-96-1 | 50 |
| 4 | Phthalic acid, di(2,3-dimethylph... | 374 | C24H22O4 | 1000357-09-2 | 47 |
| 5 | Phthalic acid, 3,4-dimethylpheny... | 374 | C24H22O4 | 1000315-70-6 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

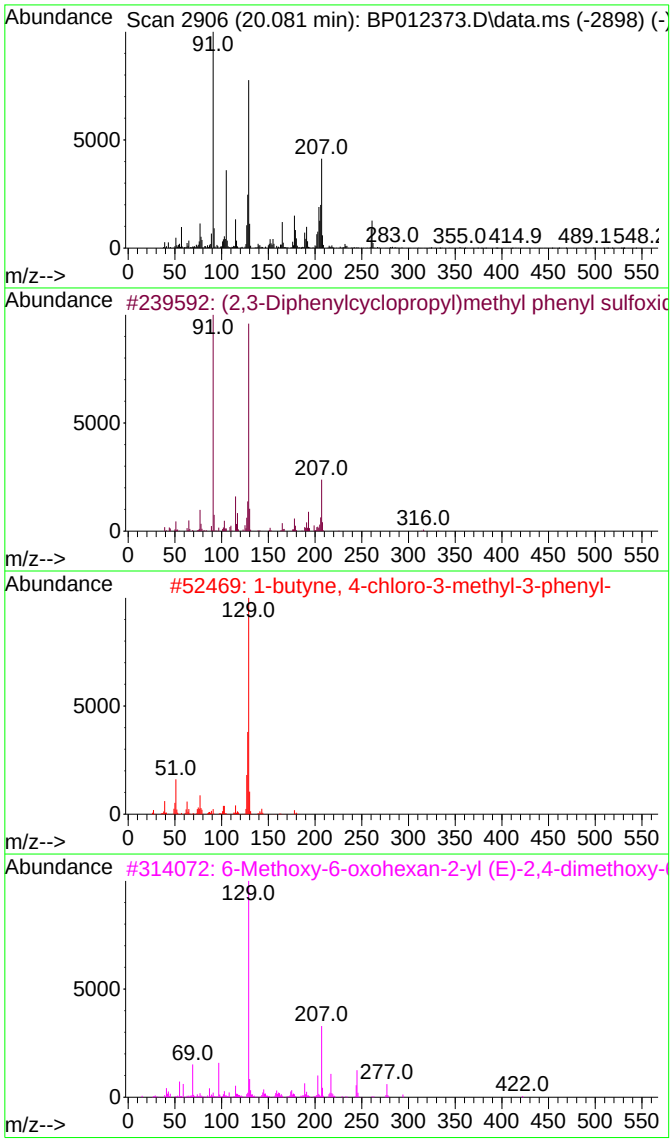
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

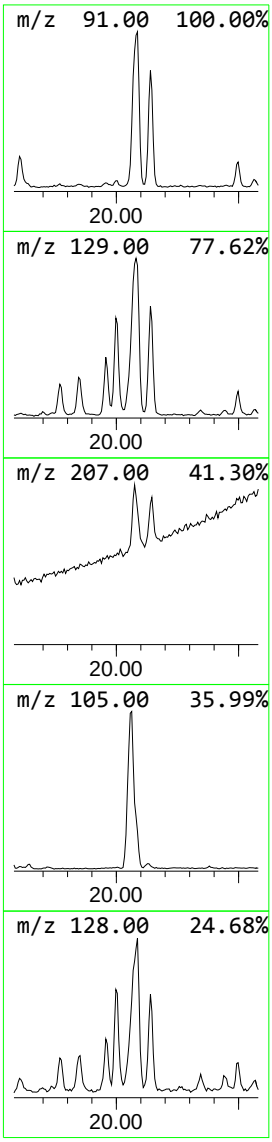
**********

Peak Number 15 unknown-05 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.081 | 4.72 ng/ul | 1283280 | Chrysene-d12 | 21.310 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20OS | 131758-71-9 | 47 |
| 2 | 1-butyne, 4-chloro-3-methyl-3-ph... | 178 | C11H11Cl | 1000161-45-9 | 35 |
| 3 | 6-Methoxy-6-oxohexan-2-yl (E)-2,... | 422 | C22H30O8 | 1000495-80-7 | 32 |
| 4 | 1-Acetamidoquinolinium iodide | 314 | C11H11IN2O | 007170-20-9 | 25 |
| 5 | 1-Deuteronaphthalene | 129 | C10H7D | 000875-62-7 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

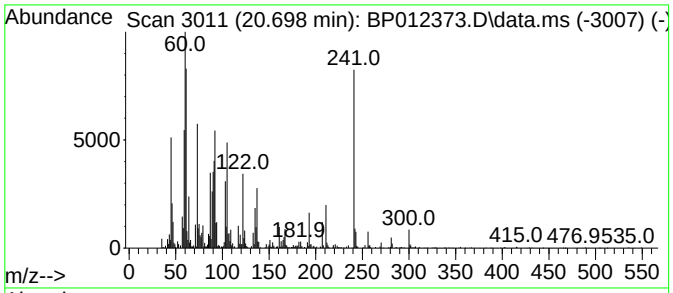
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

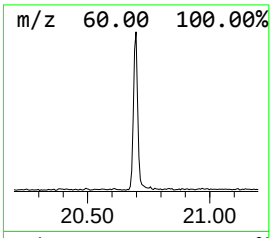
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

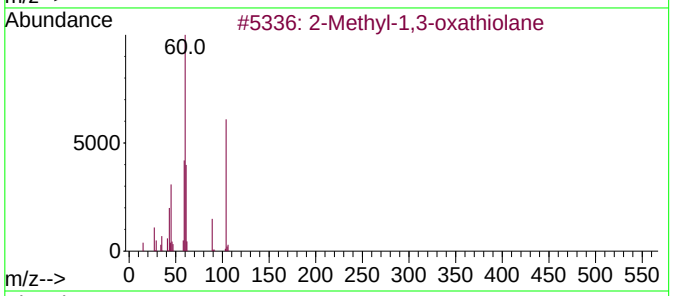
**********
Peak Number 16 unknown-06 Concentration Rank 16

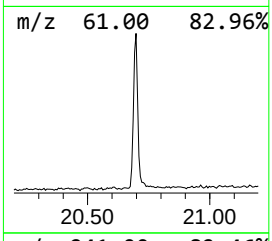
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.698 | 2.13 ng/ul | 579999 | Chrysene-d12 | 21.310 |

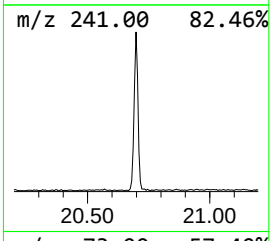
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyl-1,3-oxathiolane | 104 | C4H8OS | 017642-74-9 | 27 |
| 2 | L-Arabinitol | 152 | C5H12O5 | 007643-75-6 | 15 |
| 3 | 3-Ethoxy-1,2-propanediol | 120 | C5H12O3 | 001874-62-0 | 14 |
| 4 | 10-Undecenoic acid, propyl ester | 226 | C14H26O2 | 094230-80-5 | 14 |
| 5 | 1,3-Diethoxy-2-propanol | 148 | C7H16O3 | 004043-59-8 | 14 |

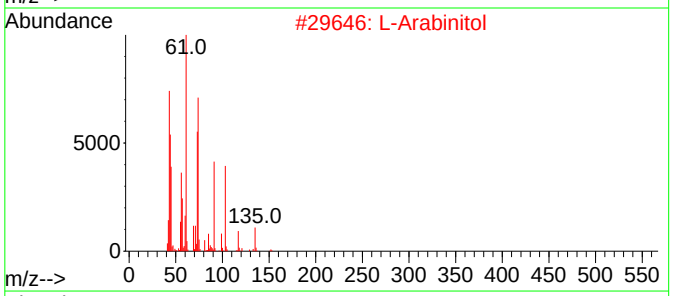


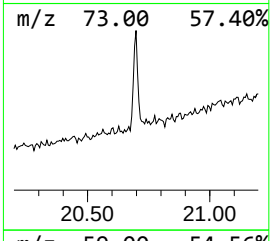



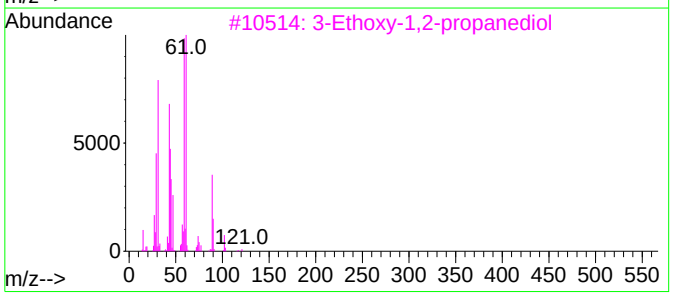



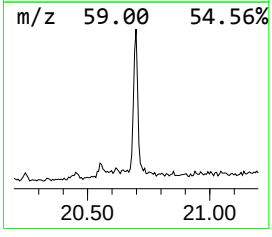



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012373.D
Acq On : 28 Oct 2022 12:23
Operator : CG/JU
Sample : N5232-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHA71

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.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 |
| Triethylamine | 3.040 | 6.2 | ng/ul | 473695 | 1 | 7.805 | 1539290 | 20.0 |
| 1,3-Oxathiolane | 4.434 | 5.3 | ng/ul | 406925 | 1 | 7.805 | 1539290 | 20.0 |
| unknown-01 | 8.799 | 5.1 | ng/ul | 393178 | 1 | 7.805 | 1539290 | 20.0 |
| Ethanol, 2-(2-b... | 10.393 | 3.1 | ng/ul | 353211 | 2 | 10.605 | 2244130 | 20.0 |
| unknown-02 | 13.046 | 7.1 | ng/ul | 3672350 | 3 | 14.457 | 10369600 | 20.0 |
| Phenol, 2,4,6-t... | 15.710 | 2.4 | ng/ul | 1224610 | 3 | 14.457 | 10369600 | 20.0 |
| unknown-03 | 16.145 | 3.2 | ng/ul | 668493 | 4 | 17.216 | 4141890 | 20.0 |
| Benzene, 1,1'-(... | 16.398 | 5.3 | ng/ul | 1093940 | 4 | 17.216 | 4141890 | 20.0 |
| [2.2]Paracyclop... | 16.816 | 3.0 | ng/ul | 627843 | 4 | 17.216 | 4141890 | 20.0 |
| 4-Hydroxy-N,N-d... | 17.898 | 4.0 | ng/ul | 838347 | 4 | 17.216 | 4141890 | 20.0 |
| unknown-04 | 18.251 | 2.3 | ng/ul | 466756 | 4 | 17.216 | 4141890 | 20.0 |
| Quinolinium, 1-... | 18.398 | 2.9 | ng/ul | 597983 | 4 | 17.216 | 4141890 | 20.0 |
| Phenol, 2-(1,1-... | 19.134 | 3.5 | ng/ul | 714395 | 4 | 17.216 | 4141890 | 20.0 |
| unknown-05 | 20.081 | 4.7 | ng/ul | 1283280 | 5 | 21.310 | 5437460 | 20.0 |
| unknown-06 | 20.698 | 2.1 | ng/ul | 579999 | 5 | 21.310 | 5437460 | 20.0 |