LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DDCB5MEDL

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-BP092424.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022223.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.640 | 107 | 111 | 124 | rBV | 56141 | 98369 | 1.15% | 0.258% |
| 2 | 5.746 | 463 | 469 | 475 | rVB2 | 66887 | 101615 | 1.19% | 0.267% |
| 3 | 6.358 | 569 | 573 | 576 | rVV4 | 25451 | 46568 | 0.54% | 0.122% |
| 4 | 6.705 | 628 | 632 | 636 | rVV2 | 46884 | 68928 | 0.81% | 0.181% |
| 5 | 6.758 | 636 | 641 | 645 | rVV | 48464 | 74045 | 0.87% | 0.194% |
| 6 | 6.799 | 645 | 648 | 653 | rVV | 48959 | 71131 | 0.83% | 0.187% |
| 7 | 6.875 | 653 | 661 | 667 | rVV4 | 114582 | 282509 | 3.30% | 0.742% |
| 8 | 6.928 | 667 | 670 | 677 | rVB | 52155 | 78028 | 0.91% | 0.205% |
| 9 | 7.034 | 682 | 688 | 693 | rVV | 78643 | 125161 | 1.46% | 0.329% |
| 10 | 7.093 | 693 | 698 | 701 | rVV | 36777 | 61146 | 0.71% | 0.160% |
| 11 | 7.134 | 701 | 705 | 712 | rVV3 | 37146 | 76160 | 0.89% | 0.200% |
| 12 | 7.234 | 717 | 722 | 732 | rVV | 97555 | 194912 | 2.28% | 0.512% |
| 13 | 7.322 | 732 | 737 | 749 | rVV2 | 244153 | 490898 | 5.74% | 1.289% |
| 14 | 7.617 | 776 | 787 | 792 | rVV7 | 19416 | 63977 | 0.75% | 0.168% |
| 15 | 7.693 | 792 | 800 | 806 | rVV | 554681 | 982232 | 11.48% | 2.578% |
| 16 | 7.758 | 806 | 811 | 816 | rVV2 | 59584 | 116864 | 1.37% | 0.307% |
| 17 | 7.811 | 816 | 820 | 827 | rVV3 | 37000 | 73024 | 0.85% | 0.192% |
| 18 | 7.975 | 845 | 848 | 856 | rVB3 | 29003 | 49546 | 0.58% | 0.130% |
| 19 | 8.181 | 877 | 883 | 885 | rVV3 | 27604 | 52566 | 0.61% | 0.138% |
| 20 | 8.216 | 885 | 889 | 895 | rVV2 | 47701 | 114952 | 1.34% | 0.302% |
| 21 | 8.269 | 895 | 898 | 902 | rVB | 36501 | 44365 | 0.52% | 0.116% |
| 22 | 8.393 | 914 | 919 | 924 | rVB | 98829 | 156953 | 1.83% | 0.412% |
| 23 | 8.446 | 924 | 928 | 931 | rVV | 46363 | 68220 | 0.80% | 0.179% |
| 24 | 8.481 | 931 | 934 | 942 | rVB | 37419 | 69821 | 0.82% | 0.183% |
| 25 | 8.628 | 955 | 959 | 964 | rBV | 36814 | 59279 | 0.69% | 0.156% |
| 26 | 8.681 | 964 | 968 | 975 | rVB | 36282 | 62593 | 0.73% | 0.164% |
| 27 | 8.781 | 975 | 985 | 989 | rBV3 | 50814 | 107647 | 1.26% | 0.283% |
| 28 | 8.828 | 989 | 993 | 998 | rVV | 86503 | 148317 | 1.73% | 0.389% |
| 29 | 8.905 | 999 | 1006 | 1011 | rVB | 243909 | 390627 | 4.57% | 1.025% |
| 30 | 9.028 | 1016 | 1027 | 1034 | rBV7 | 35141 | 95173 | 1.11% | 0.250% |
| 31 | 9.111 | 1034 | 1041 | 1044 | rBV4 | 28393 | 52700 | 0.62% | 0.138% |
| 32 | 9.546 | 1107 | 1115 | 1120 | rBV2 | 80800 | 151856 | 1.77% | 0.399% |
| 33 | 9.746 | 1141 | 1149 | 1153 | rVB4 | 29396 | 64254 | 0.75% | 0.169% |
| 34 | 9.805 | 1153 | 1159 | 1164 | rBV4 | 26268 | 44474 | 0.52% | 0.117% |
| 35 | 10.087 | 1202 | 1207 | 1213 | rVV2 | 121291 | 213694 | 2.50% | 0.561% |
| 36 | 10.152 | 1213 | 1218 | 1228 | rVV5 | 29363 | 61790 | 0.72% | 0.162% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

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-BP092424.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.352 | 1242 | 1252 | 1257 | rBV6 | 16455 | 50817 | 0.59% | 0.133% |
| 38 | 10.452 | 1258 | 1269 | 1276 | rBV | 793616 | 1556577 | 18.19% | 4.086% |
| 39 | 10.581 | 1284 | 1291 | 1302 | rBV5 | 133798 | 353634 | 4.13% | 0.928% |
| 40 | 10.822 | 1327 | 1332 | 1342 | rBV | 107232 | 175779 | 2.05% | 0.461% |
| 41 | 10.958 | 1346 | 1355 | 1362 | rVB2 | 31265 | 63746 | 0.74% | 0.167% |
| 42 | 11.134 | 1378 | 1385 | 1390 | rBV3 | 32622 | 70991 | 0.83% | 0.186% |
| 43 | 11.469 | 1437 | 1442 | 1446 | rBV2 | 48383 | 86658 | 1.01% | 0.227% |
| 44 | 11.540 | 1446 | 1454 | 1463 | rVB | 160146 | 318062 | 3.72% | 0.835% |
| 45 | 11.710 | 1476 | 1483 | 1491 | rVB3 | 60034 | 107940 | 1.26% | 0.283% |
| 46 | 11.869 | 1502 | 1510 | 1513 | rBV | 108696 | 160089 | 1.87% | 0.420% |
| 47 | 11.905 | 1513 | 1516 | 1522 | rVV | 72329 | 113140 | 1.32% | 0.297% |
| 48 | 11.969 | 1522 | 1527 | 1531 | rVV2 | 37412 | 65642 | 0.77% | 0.172% |
| 49 | 12.040 | 1536 | 1539 | 1546 | rVV6 | 23701 | 58475 | 0.68% | 0.153% |
| 50 | 12.116 | 1546 | 1552 | 1562 | rVB2 | 137056 | 237247 | 2.77% | 0.623% |
| 51 | 12.281 | 1575 | 1580 | 1585 | rVV6 | 27510 | 56777 | 0.66% | 0.149% |
| 52 | 12.328 | 1585 | 1588 | 1599 | rVB3 | 34361 | 68717 | 0.80% | 0.180% |
| 53 | 12.528 | 1613 | 1622 | 1635 | rBV4 | 50698 | 148510 | 1.74% | 0.390% |
| 54 | 13.122 | 1718 | 1723 | 1732 | rVB | 124454 | 176532 | 2.06% | 0.463% |
| 55 | 13.352 | 1755 | 1762 | 1768 | rVB7 | 22567 | 50738 | 0.59% | 0.133% |
| 56 | 13.481 | 1775 | 1784 | 1787 | rBV6 | 36994 | 95356 | 1.11% | 0.250% |
| 57 | 13.622 | 1802 | 1808 | 1811 | rBV2 | 46652 | 91368 | 1.07% | 0.240% |
| 58 | 13.710 | 1819 | 1823 | 1828 | rVB | 249973 | 357284 | 4.18% | 0.938% |
| 59 | 13.787 | 1828 | 1836 | 1840 | rVB2 | 37923 | 68149 | 0.80% | 0.179% |
| 60 | 13.934 | 1857 | 1861 | 1866 | rBV2 | 60679 | 86418 | 1.01% | 0.227% |
| 61 | 13.993 | 1866 | 1871 | 1876 | rVV2 | 241895 | 341542 | 3.99% | 0.896% |
| 62 | 14.204 | 1902 | 1907 | 1913 | rVB | 1493812 | 1935576 | 22.62% | 5.081% |
| 63 | 14.304 | 1917 | 1924 | 1930 | rVV | 1282523 | 1845081 | 21.56% | 4.843% |
| 64 | 14.381 | 1934 | 1937 | 1943 | rVV4 | 40278 | 69062 | 0.81% | 0.181% |
| 65 | 14.446 | 1943 | 1948 | 1955 | rVB | 307465 | 393011 | 4.59% | 1.032% |
| 66 | 14.522 | 1955 | 1961 | 1970 | rBV7 | 70394 | 156446 | 1.83% | 0.411% |
| 67 | 14.869 | 2017 | 2020 | 2023 | rVV2 | 44486 | 56792 | 0.66% | 0.149% |
| 68 | 14.940 | 2023 | 2032 | 2040 | rVV | 473166 | 821017 | 9.59% | 2.155% |
| 69 | 15.004 | 2040 | 2043 | 2048 | rVB2 | 49164 | 61398 | 0.72% | 0.161% |
| 70 | 15.069 | 2049 | 2054 | 2062 | rVB | 216198 | 316022 | 3.69% | 0.829% |
| 71 | 15.151 | 2062 | 2068 | 2069 | rBV4 | 72871 | 115752 | 1.35% | 0.304% |
| 72 | 15.169 | 2069 | 2071 | 2077 | rVB | 127233 | 173178 | 2.02% | 0.455% |
| 73 | 15.310 | 2086 | 2095 | 2101 | rBV | 343465 | 563271 | 6.58% | 1.478% |
| 74 | 15.422 | 2107 | 2114 | 2122 | rBV2 | 89511 | 210450 | 2.46% | 0.552% |
| 75 | 15.581 | 2135 | 2141 | 2146 | rVB4 | 44002 | 74677 | 0.87% | 0.196% |
| 76 | 15.687 | 2154 | 2159 | 2164 | rVB2 | 66606 | 96258 | 1.12% | 0.253% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DDCB5MEDL

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-BP092424.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.793 | 2172 | 2177 | 2188 | rVB2 | 24434 | 65838 | 0.77% | 0.173% |
| 78 | 15.963 | 2201 | 2206 | 2211 | rBV2 | 50325 | 73968 | 0.86% | 0.194% |
| 79 | 16.045 | 2215 | 2220 | 2229 | rVB2 | 175578 | 299252 | 3.50% | 0.785% |
| 80 | 16.398 | 2275 | 2280 | 2284 | rBV4 | 42540 | 74030 | 0.87% | 0.194% |
| 81 | 16.645 | 2317 | 2322 | 2329 | rBV4 | 22668 | 53163 | 0.62% | 0.140% |
| 82 | 16.751 | 2334 | 2340 | 2351 | rVV | 6125476 | 8556928 | 100.00% | 22.460% |
| 83 | 16.869 | 2356 | 2360 | 2364 | rVV | 114727 | 165173 | 1.93% | 0.434% |
| 84 | 16.916 | 2364 | 2368 | 2373 | rVB3 | 55184 | 93043 | 1.09% | 0.244% |
| 85 | 17.104 | 2394 | 2400 | 2410 | rVV | 1805536 | 2511598 | 29.35% | 6.592% |
| 86 | 17.198 | 2410 | 2416 | 2421 | rVV | 480224 | 705993 | 8.25% | 1.853% |
| 87 | 17.251 | 2421 | 2425 | 2430 | rVB4 | 59970 | 89653 | 1.05% | 0.235% |
| 88 | 17.404 | 2447 | 2451 | 2459 | rVB5 | 64255 | 125994 | 1.47% | 0.331% |
| 89 | 17.634 | 2485 | 2490 | 2495 | rBV | 99355 | 131479 | 1.54% | 0.345% |
| 90 | 17.704 | 2497 | 2502 | 2506 | rVV | 74362 | 109387 | 1.28% | 0.287% |
| 91 | 17.745 | 2506 | 2509 | 2515 | rVV2 | 50321 | 59719 | 0.70% | 0.157% |
| 92 | 18.039 | 2555 | 2559 | 2566 | rVB6 | 40569 | 65627 | 0.77% | 0.172% |
| 93 | 18.345 | 2607 | 2611 | 2617 | rBV | 75696 | 109244 | 1.28% | 0.287% |
| 94 | 19.010 | 2719 | 2724 | 2731 | rBV3 | 58519 | 139373 | 1.63% | 0.366% |
| 95 | 19.581 | 2815 | 2821 | 2825 | rBV | 551089 | 763476 | 8.92% | 2.004% |
| 96 | 20.169 | 2918 | 2921 | 2926 | rBV3 | 72592 | 97168 | 1.14% | 0.255% |
| 97 | 21.210 | 3094 | 3098 | 3107 | rVB2 | 89365 | 149714 | 1.75% | 0.393% |
| 98 | 21.533 | 3147 | 3153 | 3163 | rVB | 1971480 | 2933015 | 34.28% | 7.699% |
| 99 | 24.580 | 3665 | 3671 | 3682 | rVB | 294321 | 754478 | 8.82% | 1.980% |
| 100 | 24.804 | 3700 | 3709 | 3722 | rVB | 1107132 | 3108215 | 36.32% | 8.158% |

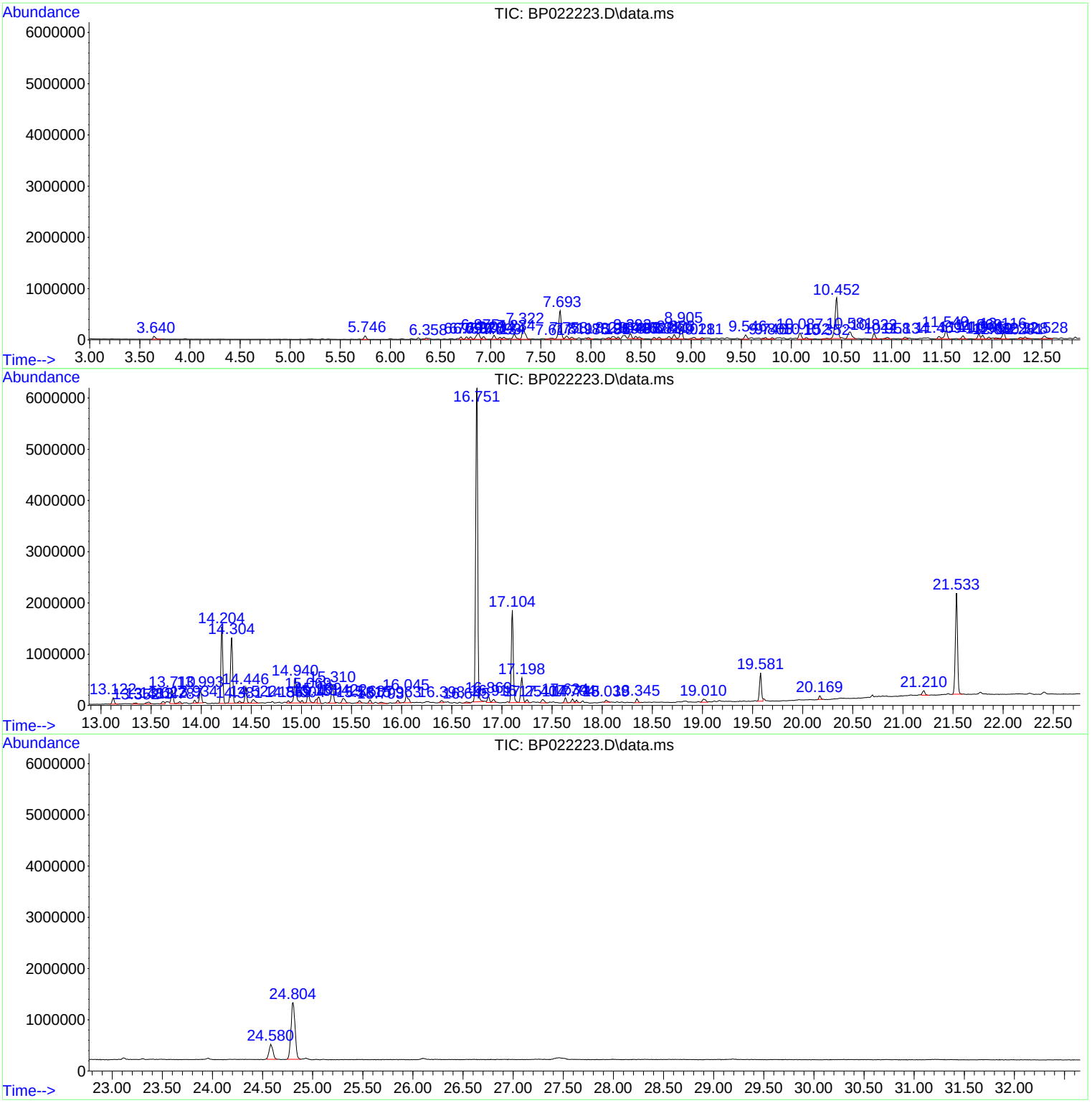
Sum of corrected areas: 38098101

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

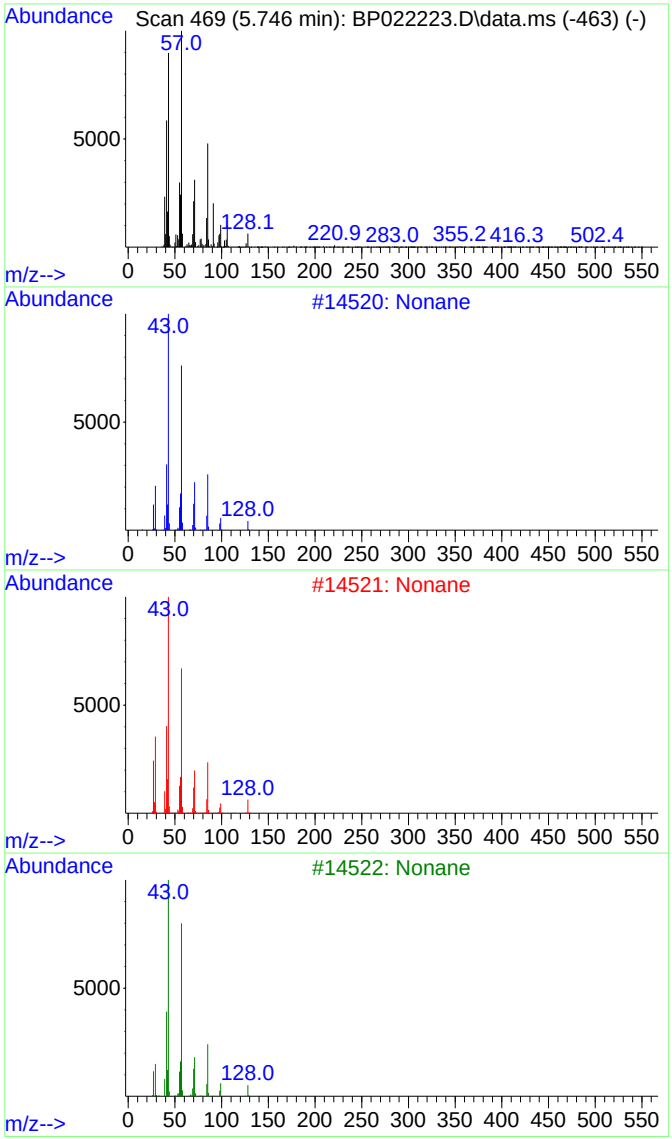
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

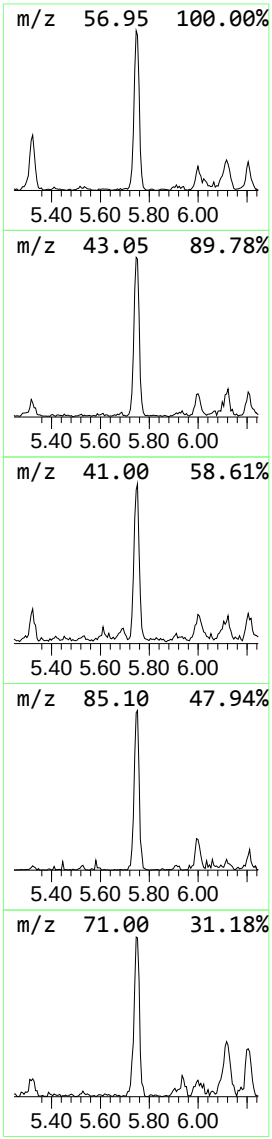
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.746 | 2.07 ng/ul | 101615 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 93 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 93 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 81 |
| 4 | Nonane | 128 | C9H20 | 000111-84-2 | 74 |
| 5 | Octane | 114 | C8H18 | 000111-65-9 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

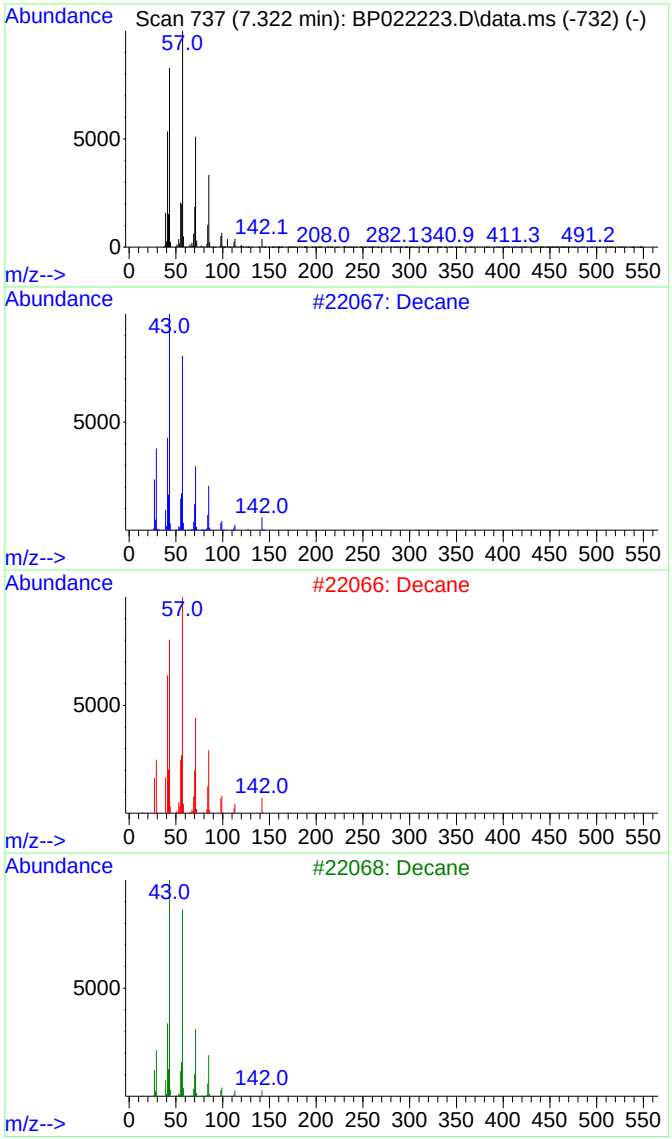
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

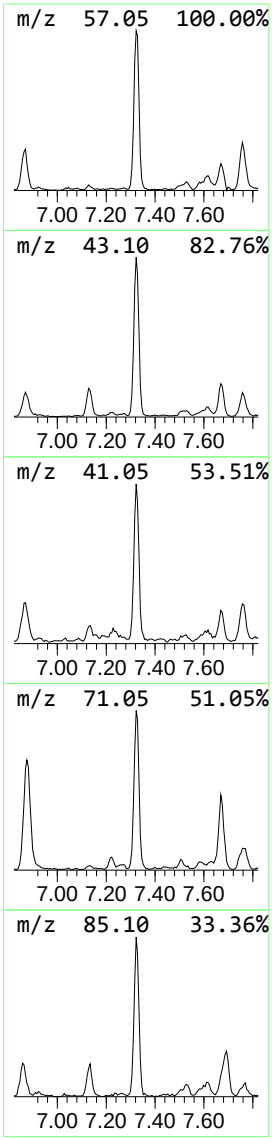
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.322 | 10.00 ng/ul | 490898 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 95 |
| 2 | Decane | 142 | C10H22 | 000124-18-5 | 91 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 91 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 5 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

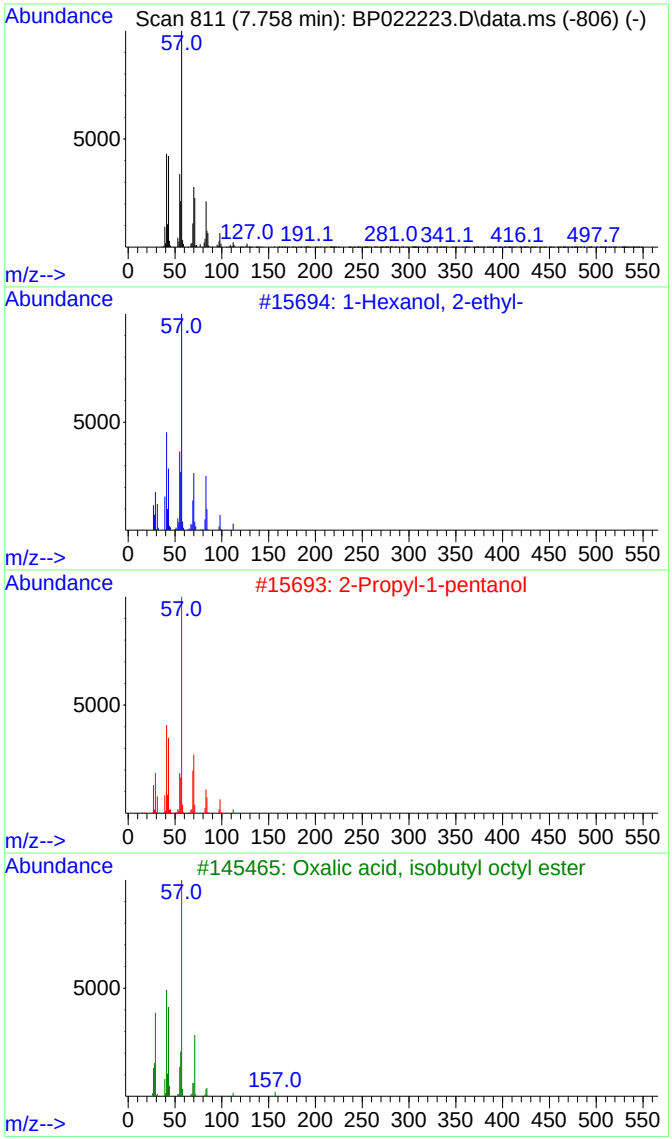
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

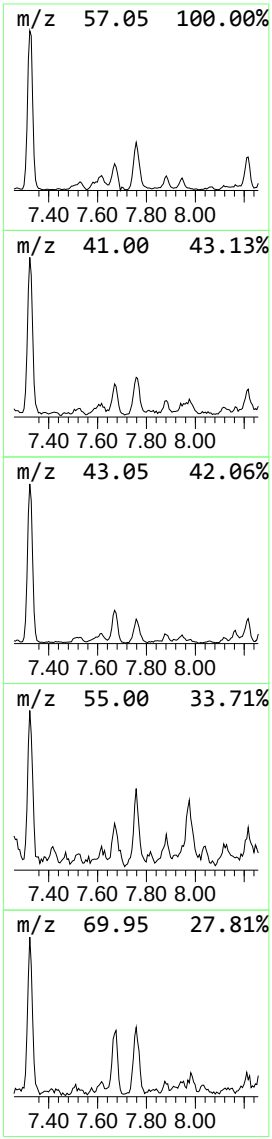
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.758 | 2.38 ng/ul | 116864 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 64 |
| 2 | 2-Propyl-1-pentanol | 130 | C8H18O | 058175-57-8 | 53 |
| 3 | Oxalic acid, isobutyl octyl ester | 258 | C14H26O4 | 1000309-37-3 | 50 |
| 4 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 50 |
| 5 | Decane, 2,6,7-trimethyl- | 184 | C13H28 | 062108-25-2 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

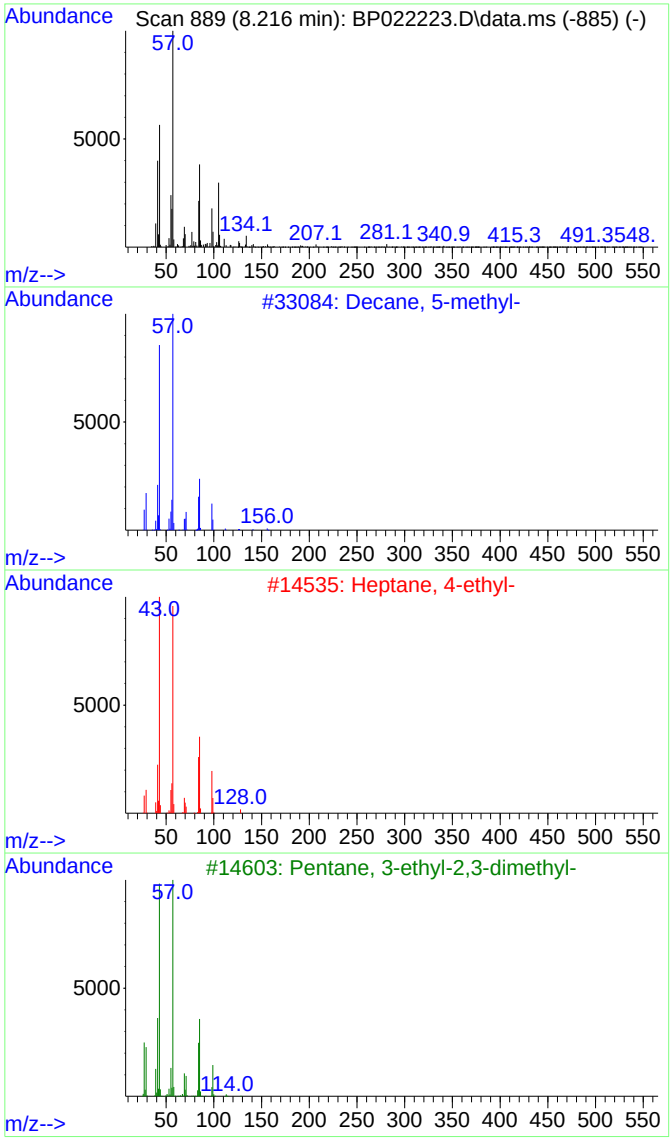
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

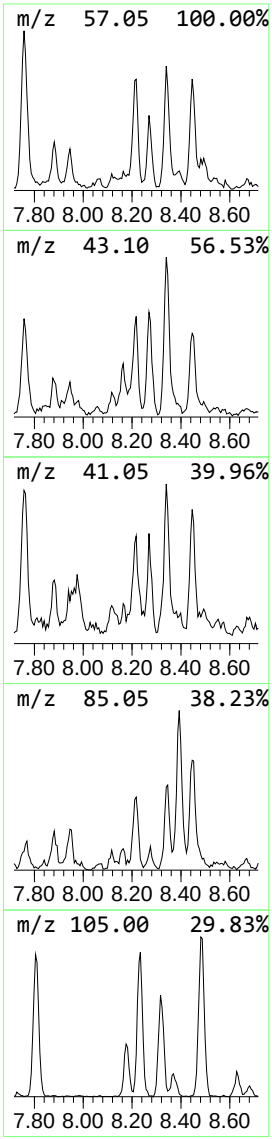
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.216 | 2.34 ng/ul | 114952 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 5-methyl- | 156 | C11H24 | 013151-35-4 | 58 |
| 2 | Heptane, 4-ethyl- | 128 | C9H20 | 002216-32-2 | 53 |
| 3 | Pentane, 3-ethyl-2,3-dimethyl- | 128 | C9H20 | 016747-33-4 | 47 |
| 4 | Heptane, 4-ethyl- | 128 | C9H20 | 002216-32-2 | 47 |
| 5 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

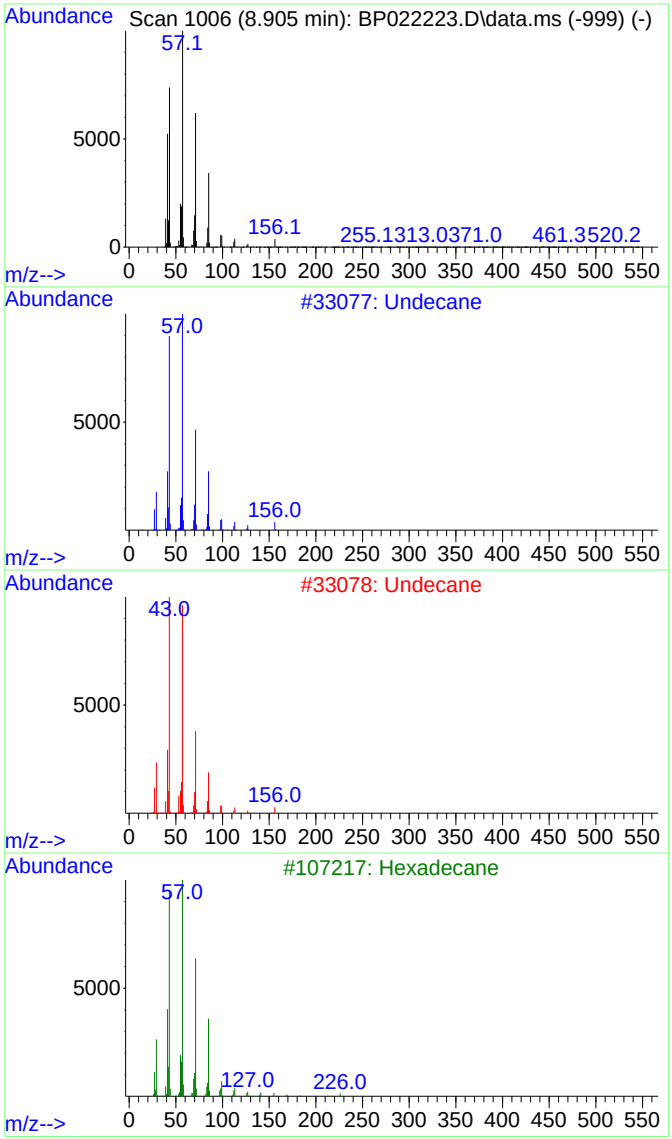
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

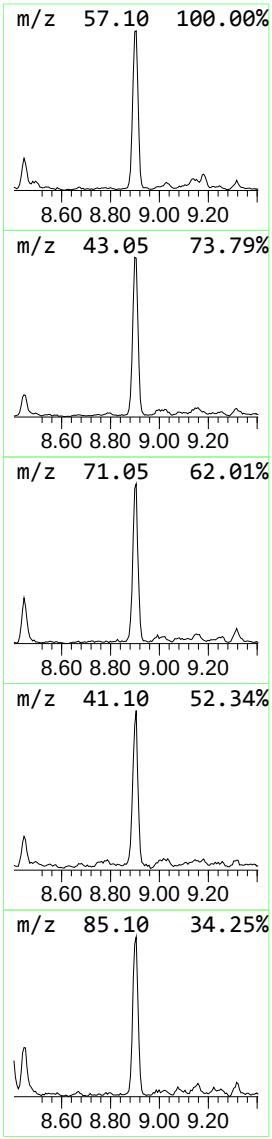
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.905 | 7.95 ng/ul | 390627 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 94 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 4 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 78 |
| 5 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

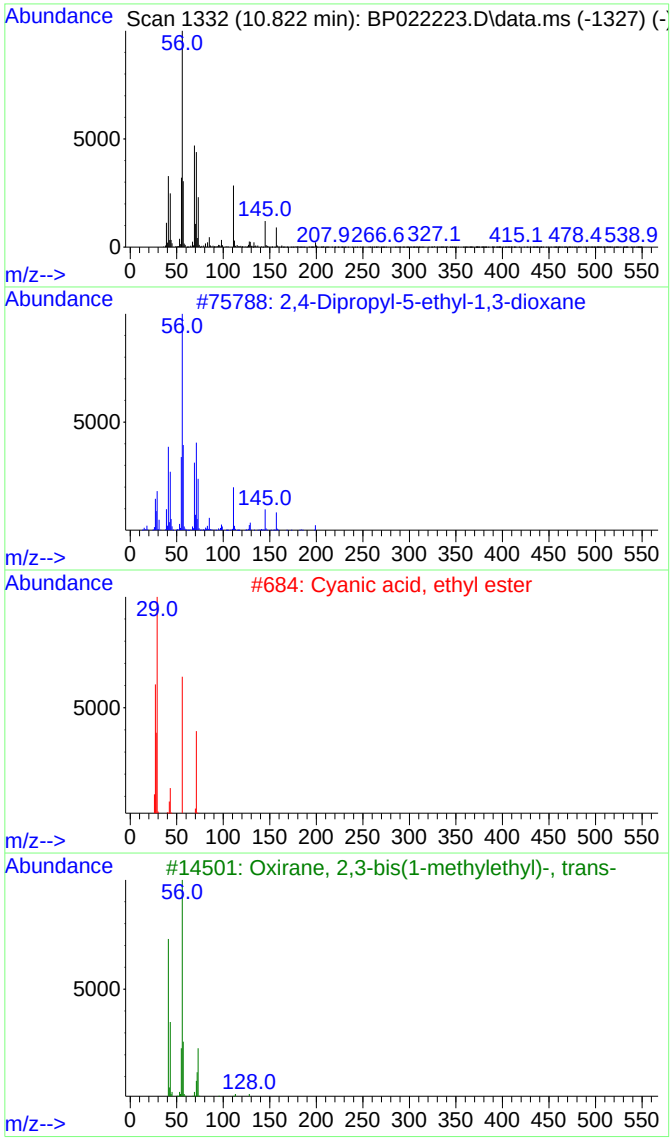
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

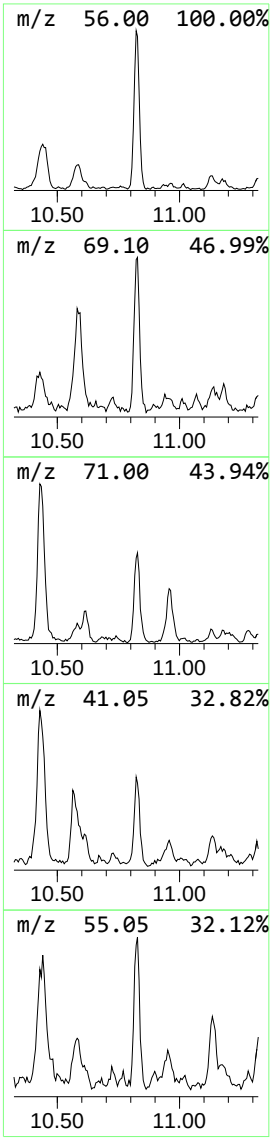
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.822 | 2.26 ng/ul | 175779 | Naphthalene-d8 | 10.452 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 200 | C12H24O2 | 006413-83-8 | 80 |
| 2 | Cyanic acid, ethyl ester | 71 | C3H5NO | 000627-48-5 | 40 |
| 3 | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O | 054644-32-5 | 38 |
| 4 | 3,4,5-Trimethyldihydrofuran-2-one | 128 | C7H12O2 | 1000194-05-2 | 35 |
| 5 | 1-Pentene, 2,4-dimethyl- | 98 | C7H14 | 002213-32-3 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

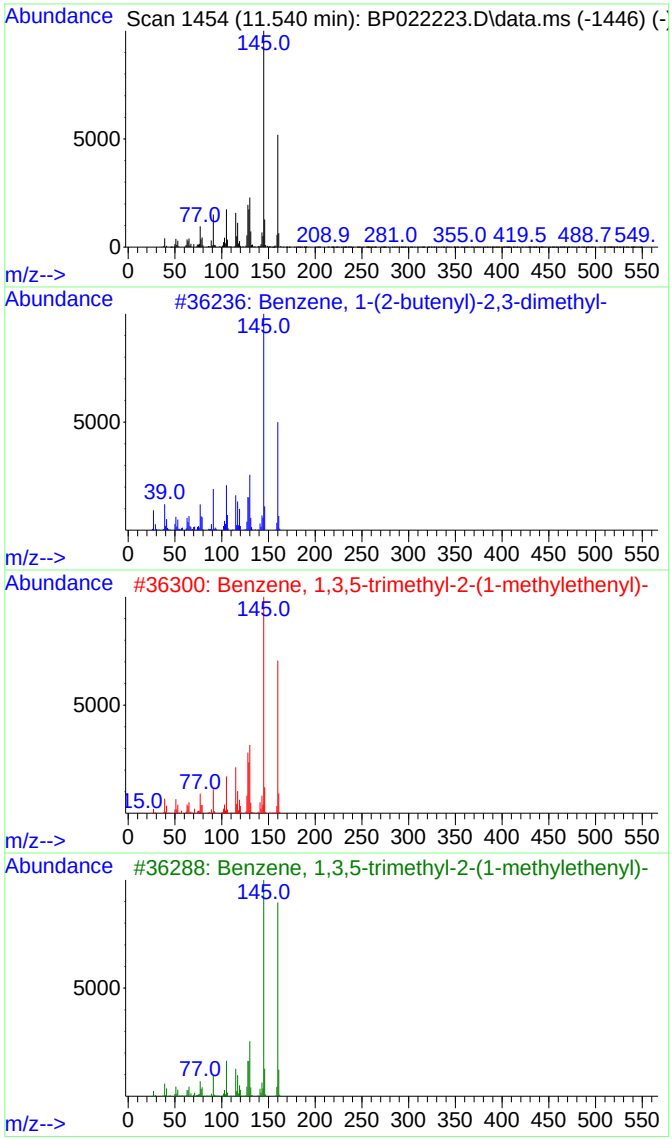
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

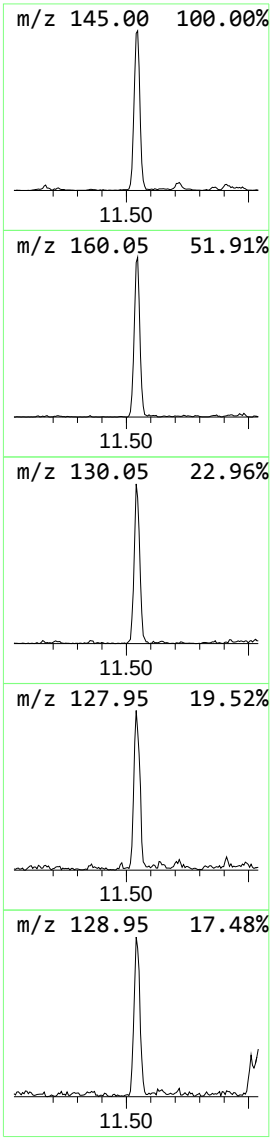
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.540 | 4.09 ng/ul | 318062 | Naphthalene-d8 | 10.452 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 94 |
| 2 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 94 |
| 3 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 94 |
| 4 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 94 |
| 5 | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16 | 054340-86-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

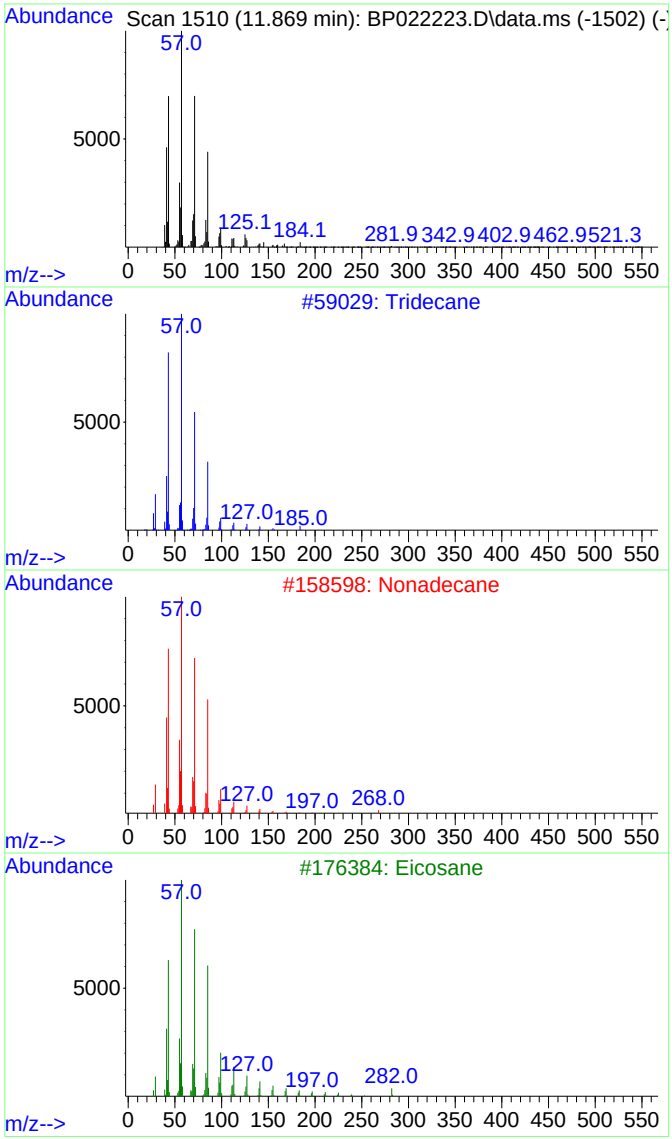
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

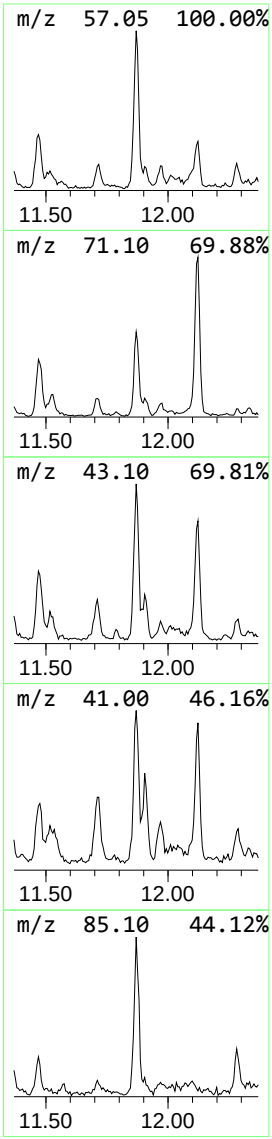
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.869 | 2.06 ng/ul | 160089 | Naphthalene-d8 | 10.452 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 87 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

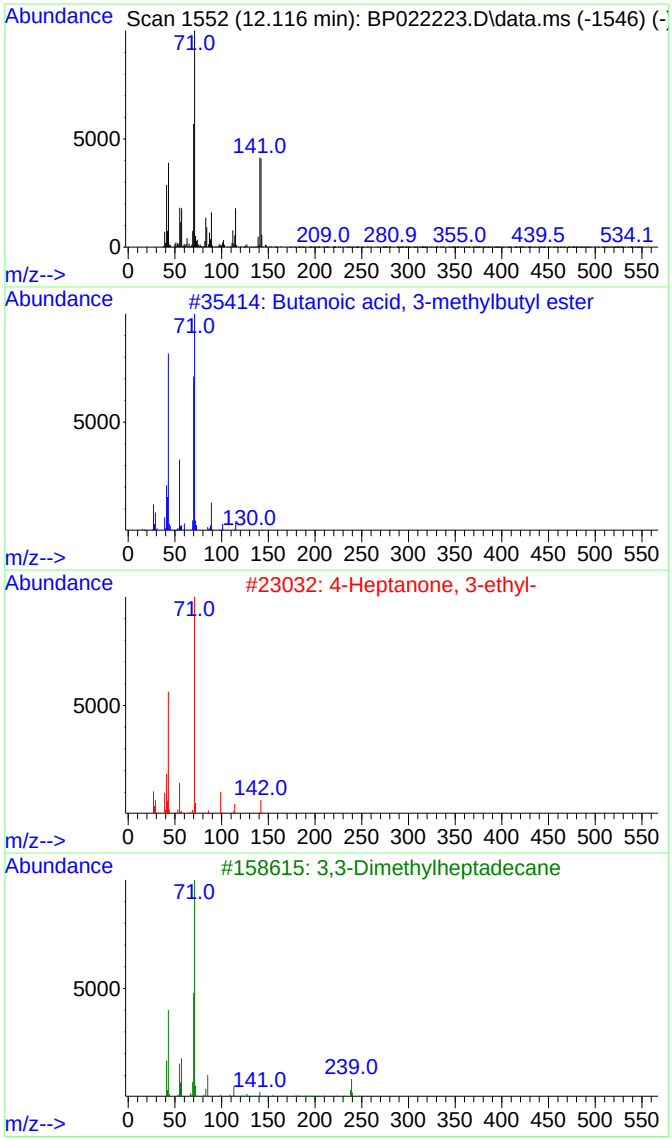
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

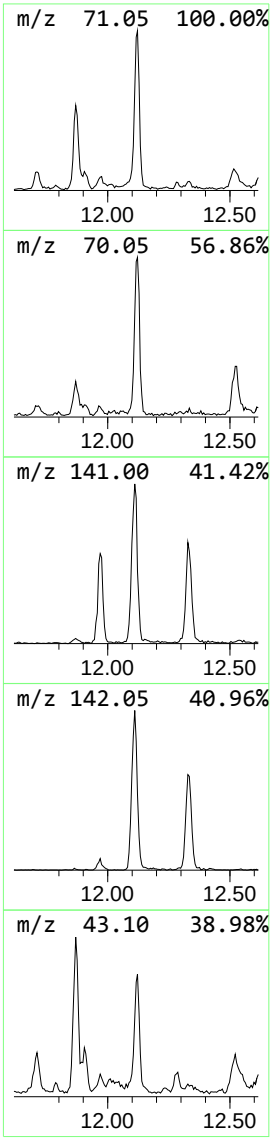
**********

Peak Number 9 unknown-01 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.116 | 3.05 ng/ul | 237247 | Naphthalene-d8 | 10.452 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 3-methylbutyl ester | 158 | C9H18O2 | 000106-27-4 | 43 |
| 2 | 4-Heptanone, 3-ethyl- | 142 | C9H18O | 001528-25-2 | 38 |
| 3 | 3,3-Dimethylheptadecane | 268 | C19H40 | 1000360-43-3 | 38 |
| 4 | Butyric acid, 2-pentadecyl ester | 298 | C19H38O2 | 107853-73-6 | 35 |
| 5 | Butyric acid, 2-tridecyl ester | 270 | C17H34O2 | 055193-07-2 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

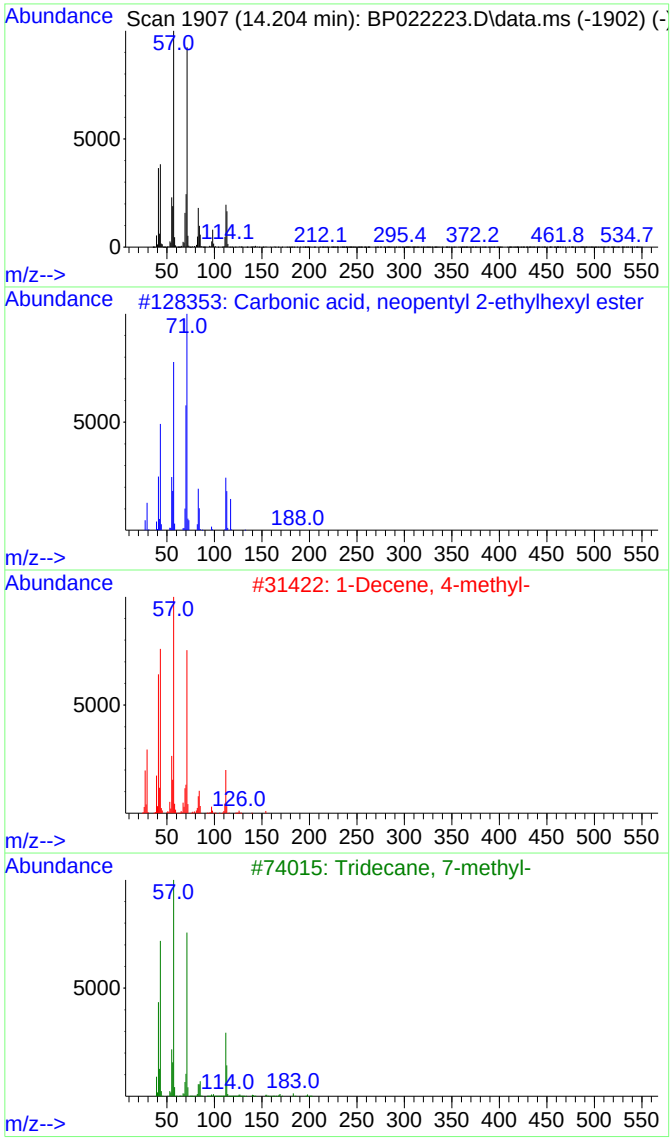
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

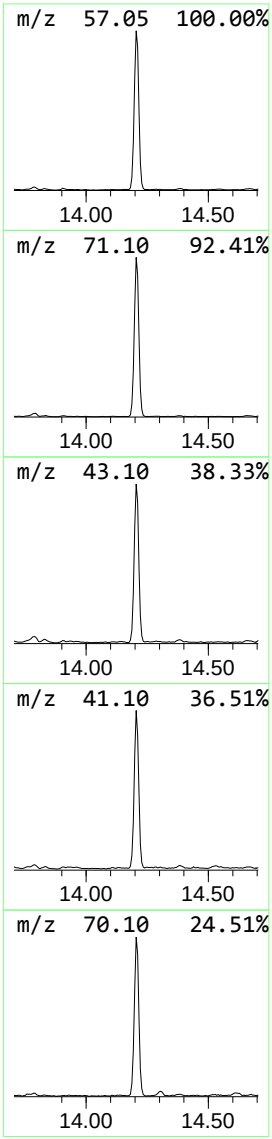
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Carbonic acid, neopentyl 2-... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.204 | 20.98 ng/ul | 1935580 | Acenaphthene-d10 | 14.304 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, neopentyl 2-ethyl... | 244 | C14H28O3 | 1000357-85-7 | 64 |
| 2 | 1-Decene, 4-methyl- | 154 | C11H22 | 013151-29-6 | 64 |
| 3 | Tridecane, 7-methyl- | 198 | C14H30 | 026730-14-3 | 59 |
| 4 | Heptane, 3-ethyl-5-methyl- | 142 | C10H22 | 052896-90-9 | 59 |
| 5 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

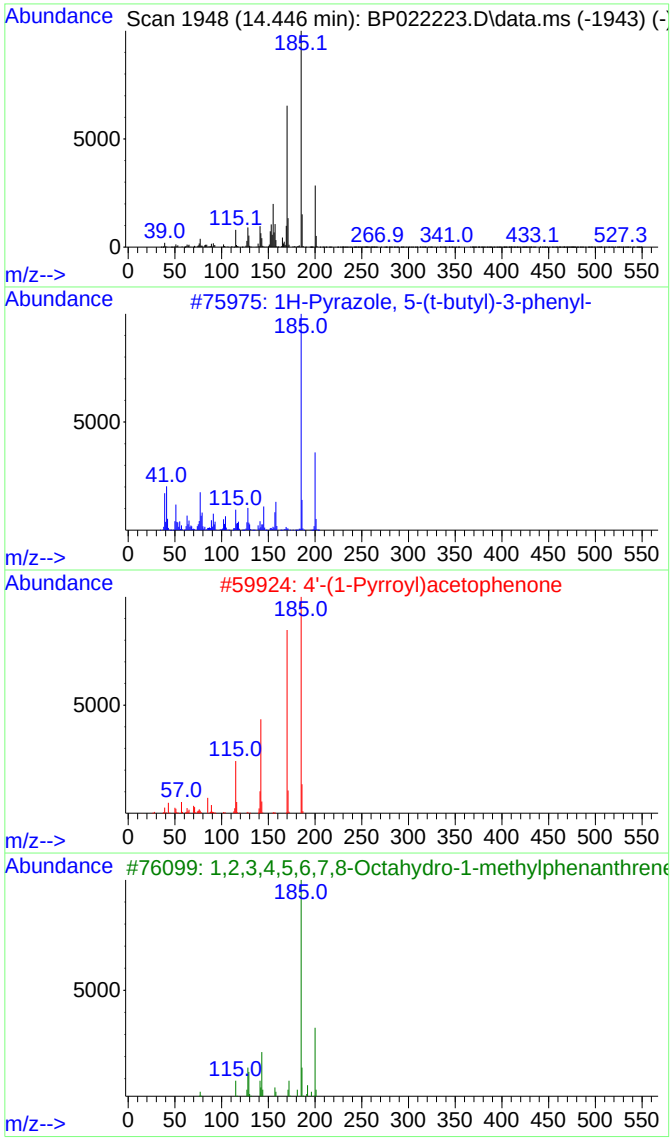
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

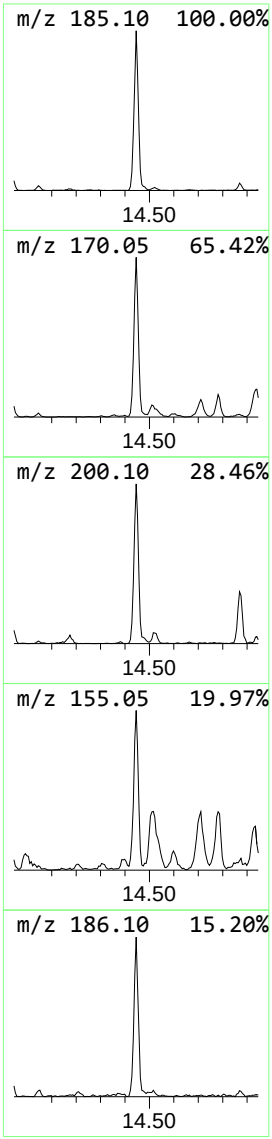
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1H-Pyrazole, 5-(t-butyl)-3-... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.446 | 4.26 ng/ul | 393011 | Acenaphthene-d10 | 14.304 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Pyrazole, 5-(t-butyl)-3-phenyl- | 200 | C13H16N2 | 1000261-34-8 | 55 |
| 2 | 4'-(1-Pyrroyl)acetophenone | 185 | C12H11NO | 022106-37-2 | 52 |
| 3 | 1,2,3,4,5,6,7,8-Octahydro-1-meth... | 200 | C15H20 | 1000080-19-4 | 46 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 42 |
| 5 | [1,1'-Biphenyl]-4-ol, 3-amino- | 185 | C12H11NO | 001134-36-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

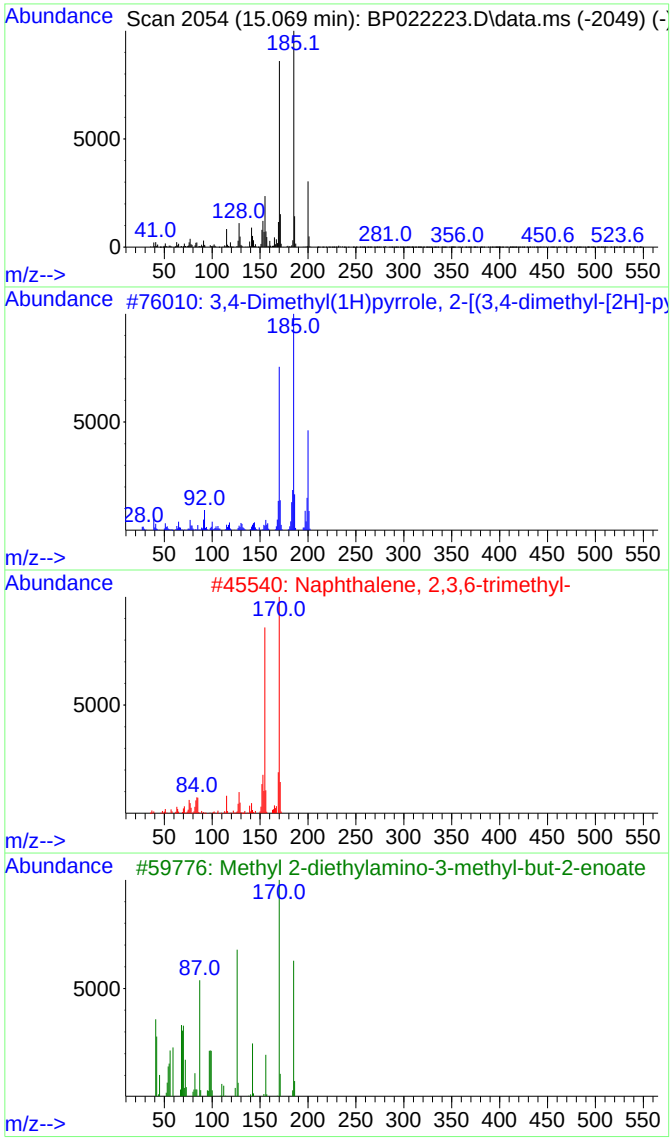
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

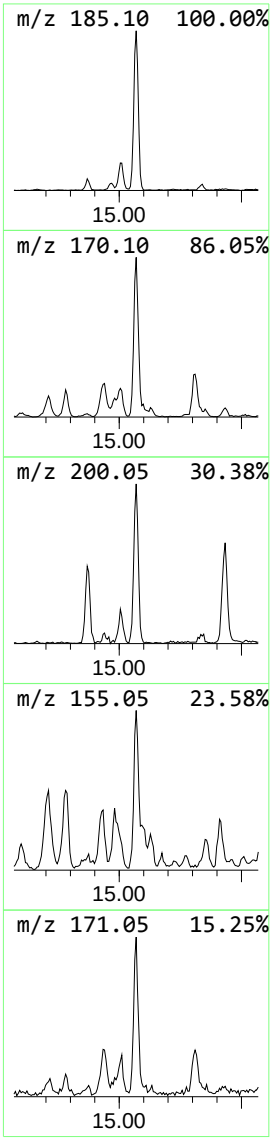
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.069 | 3.43 ng/ul | 316022 | Acenaphthene-d10 | 14.304 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9 | 74 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 60 |
| 3 | Methyl 2-diethylamino-3-methyl-b... | 185 | C10H19NO2 | 075122-81-5 | 50 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 46 |
| 5 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

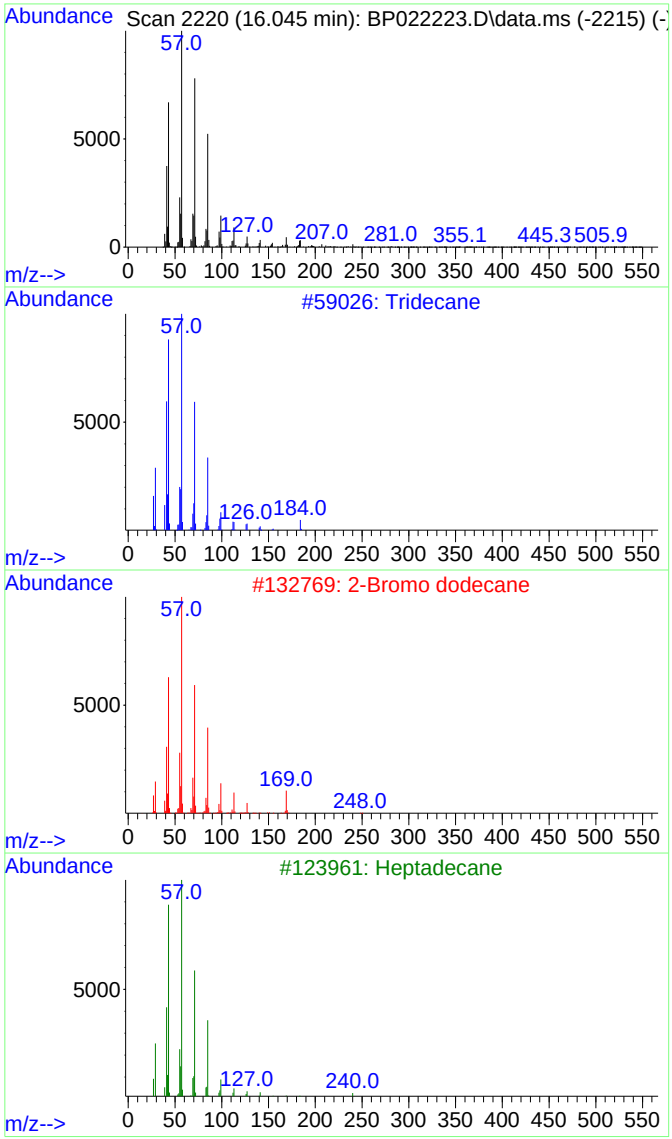
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

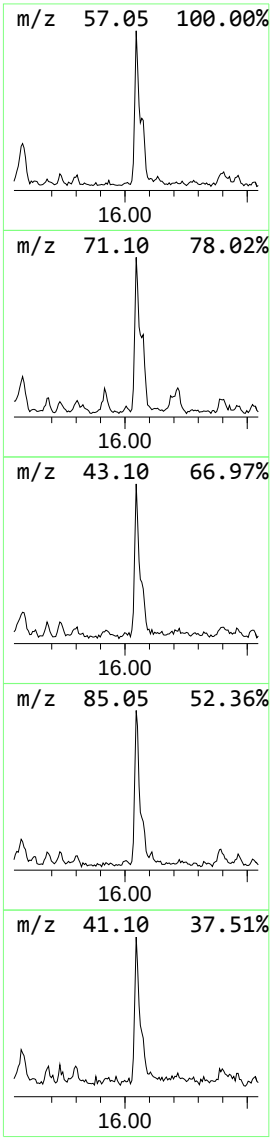
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 2-Bromo dodecane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.046 | 2.38 ng/ul | 299252 | Phenanthrene-d10 | 17.104 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 94 |
| 2 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 93 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 91 |
| 5 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022223.D
Acq On : 04 Oct 2024 10:46
Operator : RC/JU
Sample : P4018-09MEDL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DDCB5MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: S... | 5.746 | 2.1 | ng/ul | 101615 | 1 | 7.693 | 982232 | 20.0 |
| (DEL) Alkane: S... | 7.322 | 10.0 | ng/ul | 490898 | 1 | 7.693 | 982232 | 20.0 |
| 1-Hexanol, 2-et... | 7.758 | 2.4 | ng/ul | 116864 | 1 | 7.693 | 982232 | 20.0 |
| (DEL) Alkane: S... | 8.216 | 2.3 | ng/ul | 114952 | 1 | 7.693 | 982232 | 20.0 |
| (DEL) Alkane: S... | 8.905 | 8.0 | ng/ul | 390627 | 1 | 7.693 | 982232 | 20.0 |
| 2,4-Dipropyl-5-... | 10.822 | 2.3 | ng/ul | 175779 | 2 | 10.452 | 1556580 | 20.0 |
| Benzene, 1-(2-b... | 11.540 | 4.1 | ng/ul | 318062 | 2 | 10.452 | 1556580 | 20.0 |
| (DEL) Alkane: S... | 11.869 | 2.1 | ng/ul | 160089 | 2 | 10.452 | 1556580 | 20.0 |
| unknown-01 | 12.116 | 3.0 | ng/ul | 237247 | 2 | 10.452 | 1556580 | 20.0 |
| Carbonic acid, ... | 14.204 | 21.0 | ng/ul | 1935580 | 3 | 14.304 | 1845080 | 20.0 |
| 1H-Pyrazole, 5-... | 14.446 | 4.3 | ng/ul | 393011 | 3 | 14.304 | 1845080 | 20.0 |
| 3,4-Dimethyl(1H... | 15.069 | 3.4 | ng/ul | 316022 | 3 | 14.304 | 1845080 | 20.0 |
| 2-Bromo dodecane | 16.046 | 2.4 | ng/ul | 299252 | 4 | 17.104 | 2511600 | 20.0 |