LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

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\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.922 | 3 | 6 | 24 | rVB | 577096 | 863067 | 8.36% | 0.861% |
| 2 | 3.170 | 44 | 48 | 59 | rVB | 68595 | 107205 | 1.04% | 0.107% |
| 3 | 3.905 | 168 | 173 | 177 | rBV2 | 12599 | 21294 | 0.21% | 0.021% |
| 4 | 4.799 | 320 | 325 | 332 | rBV | 17199 | 30197 | 0.29% | 0.030% |
| 5 | 6.828 | 659 | 670 | 685 | rBV | 1273169 | 2084272 | 20.20% | 2.078% |
| 6 | 6.987 | 691 | 697 | 708 | rBV | 1068185 | 1660523 | 16.09% | 1.656% |
| 7 | 7.187 | 724 | 731 | 744 | rBV | 1356894 | 2181962 | 21.14% | 2.176% |
| 8 | 7.652 | 803 | 810 | 820 | rBV | 1094512 | 1735384 | 16.81% | 1.731% |
| 9 | 7.728 | 820 | 823 | 831 | rVB4 | 9870 | 16481 | 0.16% | 0.016% |
| 10 | 8.352 | 922 | 929 | 943 | rBV | 1622826 | 2654235 | 25.72% | 2.647% |
| 11 | 8.793 | 996 | 1004 | 1015 | rBV | 1271407 | 2064154 | 20.00% | 2.058% |
| 12 | 8.975 | 1030 | 1035 | 1041 | rVB | 7406 | 13635 | 0.13% | 0.014% |
| 13 | 9.281 | 1082 | 1087 | 1095 | rVB | 32980 | 53309 | 0.52% | 0.053% |
| 14 | 9.510 | 1117 | 1126 | 1134 | rBV | 1038247 | 1658884 | 16.07% | 1.654% |
| 15 | 10.046 | 1207 | 1217 | 1233 | rBV | 1712520 | 2925493 | 28.35% | 2.917% |
| 16 | 10.422 | 1271 | 1281 | 1290 | rBV | 1603440 | 2660406 | 25.78% | 2.653% |
| 17 | 10.557 | 1296 | 1304 | 1317 | rBV | 1491125 | 2597582 | 25.17% | 2.590% |
| 18 | 12.016 | 1546 | 1552 | 1561 | rBV | 31082 | 58331 | 0.57% | 0.058% |
| 19 | 13.204 | 1750 | 1754 | 1760 | rBV3 | 18214 | 31871 | 0.31% | 0.032% |
| 20 | 13.522 | 1802 | 1808 | 1813 | rBV7 | 9492 | 16049 | 0.16% | 0.016% |
| 21 | 13.698 | 1831 | 1838 | 1843 | rBV | 3233096 | 4407076 | 42.70% | 4.395% |
| 22 | 13.745 | 1843 | 1846 | 1852 | rVB | 293877 | 394405 | 3.82% | 0.393% |
| 23 | 13.975 | 1878 | 1885 | 1900 | rBV | 3956170 | 5755399 | 55.77% | 5.739% |
| 24 | 14.287 | 1931 | 1938 | 1946 | rBV | 2655894 | 3858402 | 37.39% | 3.848% |
| 25 | 14.481 | 1964 | 1971 | 1990 | rBV | 1101323 | 1731762 | 16.78% | 1.727% |
| 26 | 14.710 | 2006 | 2010 | 2015 | rVB4 | 17525 | 24123 | 0.23% | 0.024% |
| 27 | 14.939 | 2040 | 2049 | 2053 | rBV4 | 5202 | 14244 | 0.14% | 0.014% |
| 28 | 15.122 | 2074 | 2080 | 2083 | rBV7 | 8108 | 12216 | 0.12% | 0.012% |
| 29 | 15.181 | 2086 | 2090 | 2096 | rVB6 | 7746 | 10438 | 0.10% | 0.010% |
| 30 | 15.287 | 2100 | 2108 | 2115 | rBV | 5020355 | 7309341 | 70.82% | 7.289% |
| 31 | 15.404 | 2121 | 2128 | 2140 | rBV | 805297 | 1205582 | 11.68% | 1.202% |
| 32 | 15.528 | 2144 | 2149 | 2154 | rVB | 59017 | 88186 | 0.85% | 0.088% |
| 33 | 16.069 | 2238 | 2241 | 2250 | rVB4 | 20913 | 35199 | 0.34% | 0.035% |
| 34 | 16.722 | 2348 | 2352 | 2360 | rVB6 | 11187 | 18947 | 0.18% | 0.019% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

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\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.822 | 2365 | 2369 | 2380 | rVB2 | 16110 | 35761 | 0.35% | 0.036% |
| 36 | 17.039 | 2399 | 2406 | 2416 | rBV | 3388953 | 4915218 | 47.63% | 4.901% |
| 37 | 17.133 | 2416 | 2422 | 2434 | rVV | 5359578 | 7864579 | 76.20% | 7.843% |
| 38 | 17.457 | 2474 | 2477 | 2482 | rBV6 | 10574 | 15788 | 0.15% | 0.016% |
| 39 | 17.957 | 2558 | 2562 | 2569 | rBV | 110365 | 179496 | 1.74% | 0.179% |
| 40 | 18.251 | 2607 | 2612 | 2622 | rVB3 | 27875 | 42984 | 0.42% | 0.043% |
| 41 | 18.380 | 2631 | 2634 | 2641 | rBV6 | 14415 | 20454 | 0.20% | 0.020% |
| 42 | 18.869 | 2714 | 2717 | 2722 | rVB4 | 12202 | 16345 | 0.16% | 0.016% |
| 43 | 18.963 | 2730 | 2733 | 2738 | rVB6 | 9229 | 12666 | 0.12% | 0.013% |
| 44 | 19.027 | 2739 | 2744 | 2749 | rBV | 74114 | 103060 | 1.00% | 0.103% |
| 45 | 19.204 | 2771 | 2774 | 2778 | rBV6 | 13869 | 21955 | 0.21% | 0.022% |
| 46 | 19.269 | 2781 | 2785 | 2790 | rVB | 59534 | 85817 | 0.83% | 0.086% |
| 47 | 19.380 | 2798 | 2804 | 2810 | rBV | 7217911 | 9872405 | 95.66% | 9.845% |
| 48 | 19.427 | 2810 | 2812 | 2815 | rVV2 | 30702 | 35107 | 0.34% | 0.035% |
| 49 | 19.463 | 2815 | 2818 | 2821 | rVB2 | 24762 | 26575 | 0.26% | 0.027% |
| 50 | 19.910 | 2892 | 2894 | 2897 | rBV4 | 11416 | 14681 | 0.14% | 0.015% |
| 51 | 19.945 | 2897 | 2900 | 2903 | rVV | 43190 | 43235 | 0.42% | 0.043% |
| 52 | 20.433 | 2979 | 2983 | 2986 | rBV | 77453 | 82172 | 0.80% | 0.082% |
| 53 | 20.874 | 3053 | 3058 | 3076 | rBV | 824193 | 1275910 | 12.36% | 1.272% |
| 54 | 21.127 | 3096 | 3101 | 3111 | rBV | 4948307 | 6221248 | 60.28% | 6.204% |
| 55 | 21.245 | 3118 | 3121 | 3128 | rBV | 141001 | 216297 | 2.10% | 0.216% |
| 56 | 21.310 | 3128 | 3132 | 3141 | rVB | 272247 | 291352 | 2.82% | 0.291% |
| 57 | 21.739 | 3201 | 3205 | 3213 | rBV | 301663 | 428196 | 4.15% | 0.427% |
| 58 | 22.204 | 3280 | 3284 | 3294 | rVB | 388545 | 508043 | 4.92% | 0.507% |
| 59 | 22.333 | 3303 | 3306 | 3313 | rVB2 | 70011 | 95086 | 0.92% | 0.095% |
| 60 | 22.710 | 3366 | 3370 | 3382 | rVB | 407675 | 646125 | 6.26% | 0.644% |
| 61 | 23.204 | 3446 | 3454 | 3462 | rBV | 5699153 | 10320458 | 100.00% | 10.292% |
| 62 | 23.280 | 3463 | 3467 | 3471 | rVV | 460218 | 746497 | 7.23% | 0.744% |
| 63 | 23.345 | 3471 | 3478 | 3493 | rVB | 3426193 | 6268972 | 60.74% | 6.251% |
| 64 | 23.933 | 3572 | 3578 | 3585 | rBV2 | 373992 | 726618 | 7.04% | 0.725% |
| 65 | 24.010 | 3587 | 3591 | 3600 | rVB3 | 117349 | 241945 | 2.34% | 0.241% |
| 66 | 24.686 | 3701 | 3706 | 3720 | rVB | 270309 | 605529 | 5.87% | 0.604% |

Sum of corrected areas: 100280228

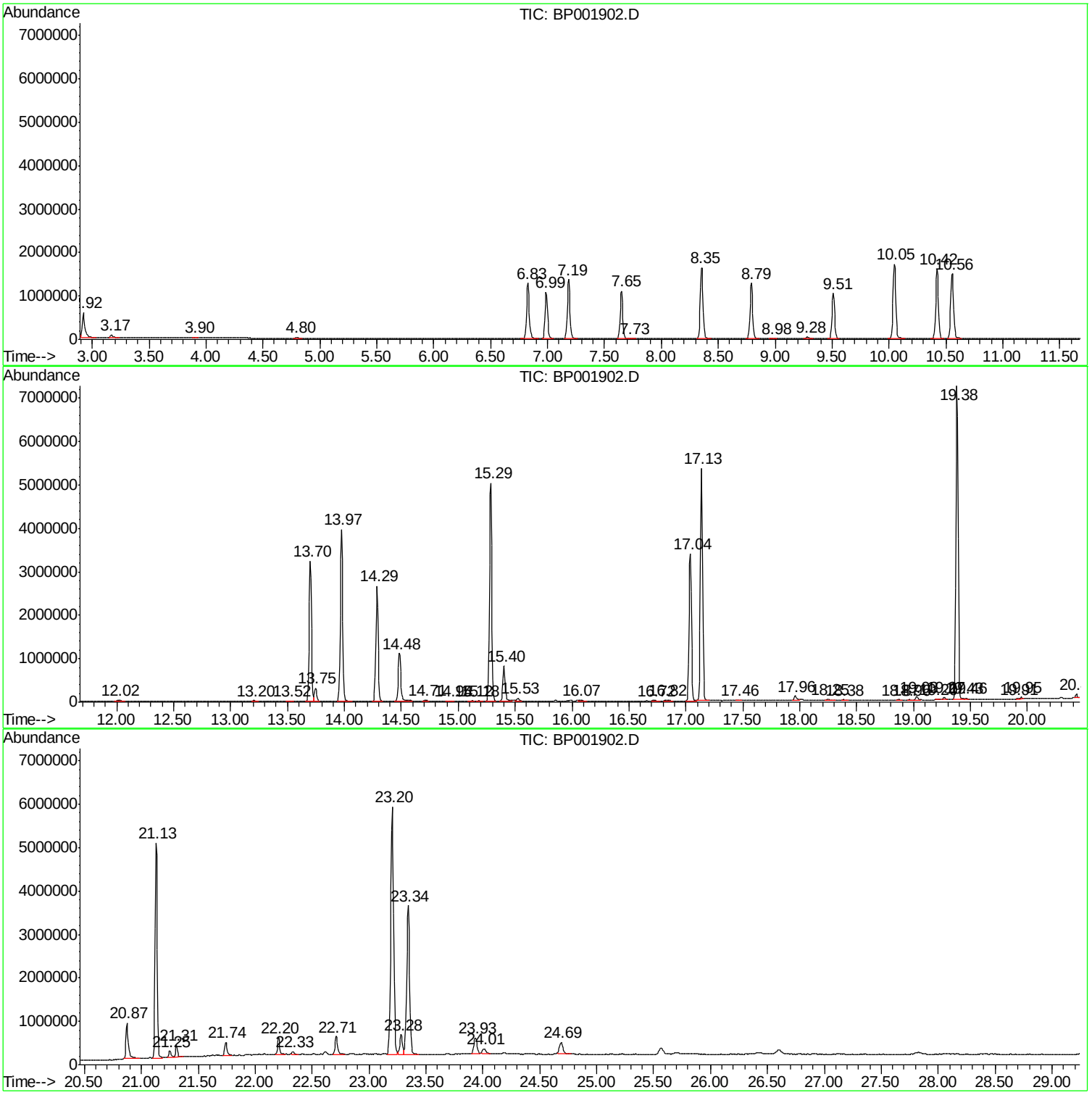
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

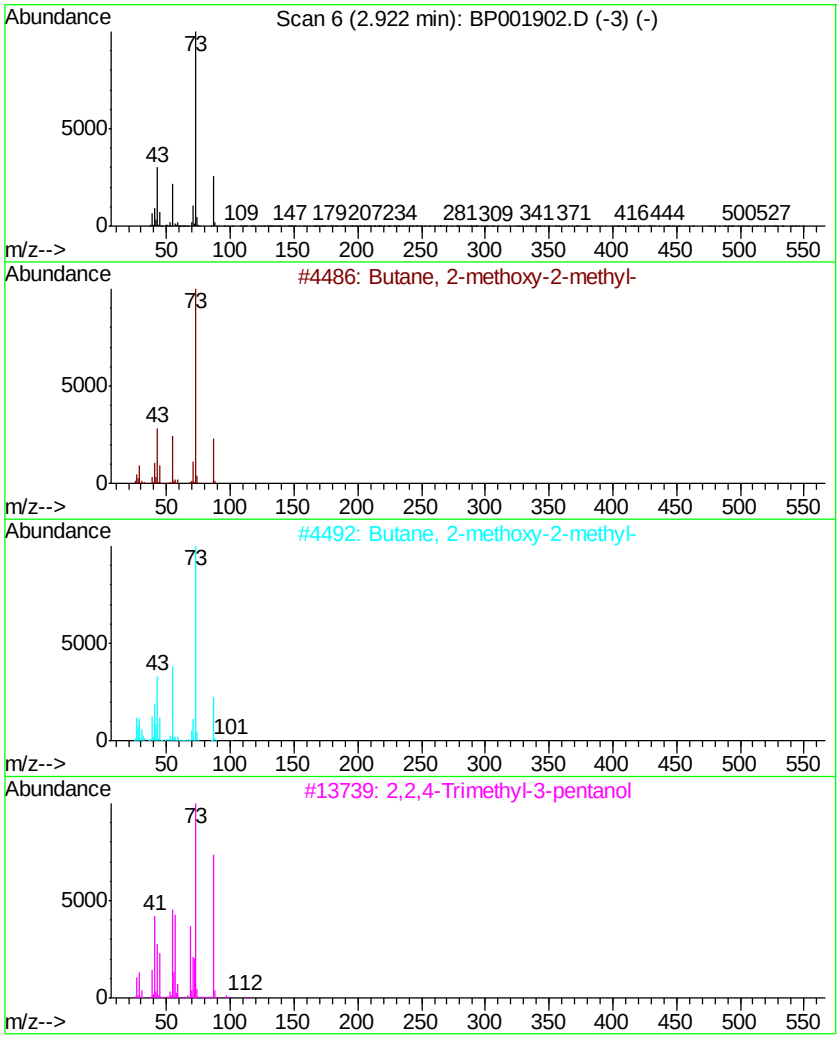
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

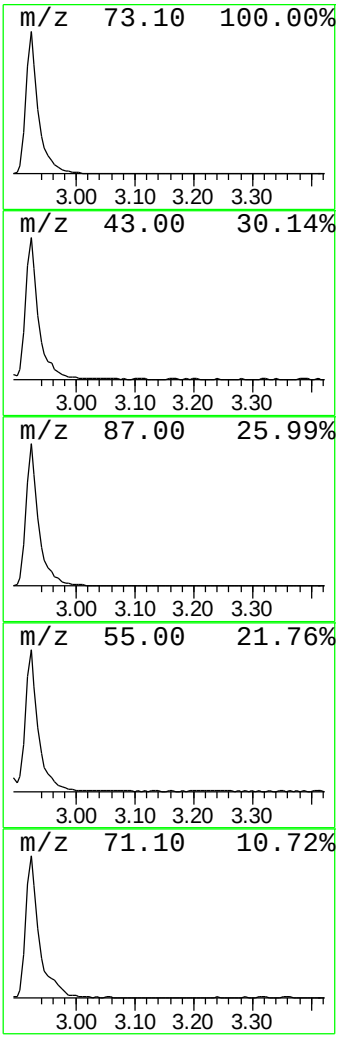
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.92 | 9.95 ng/ul | 863067 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 86 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

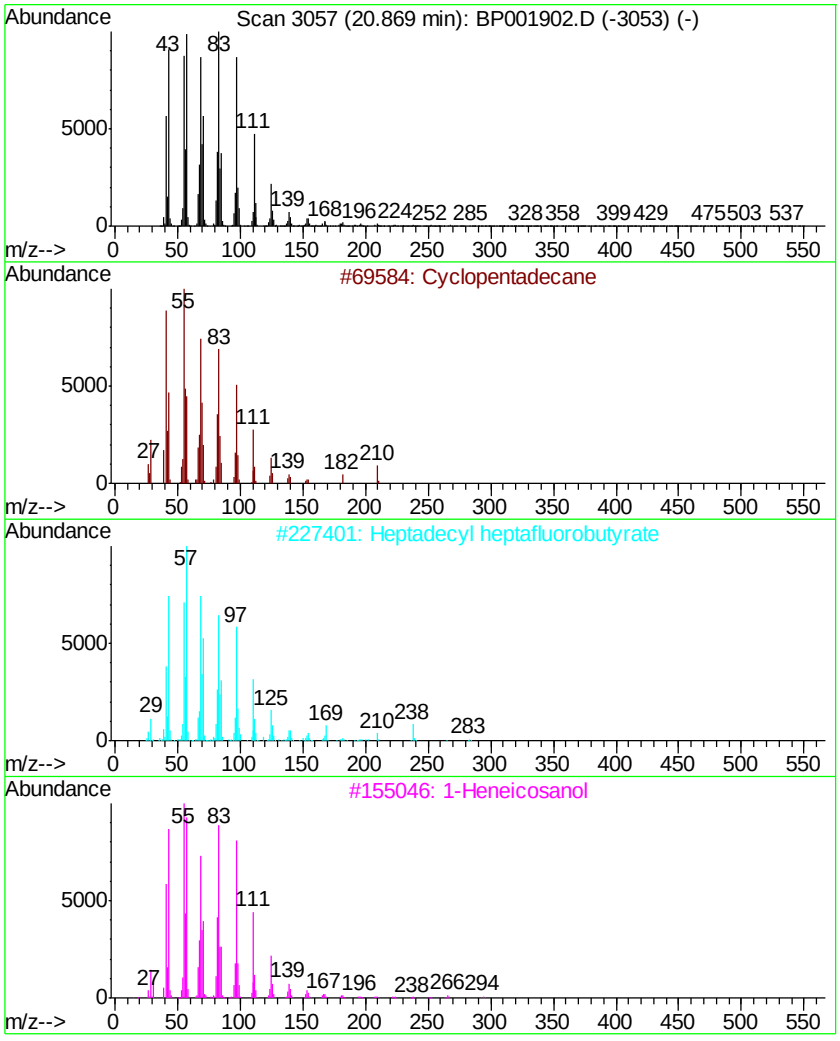
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

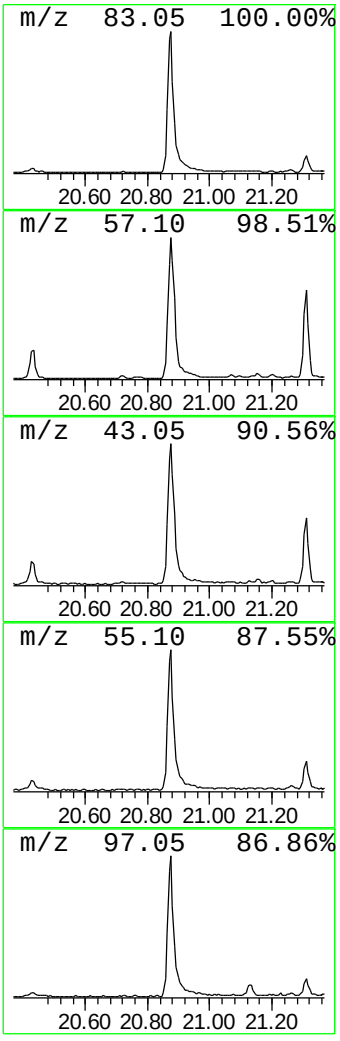
**********

Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.87 | 4.10 ng/ul | 1275910 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 94 |
| 2 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 4 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 93 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 93 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

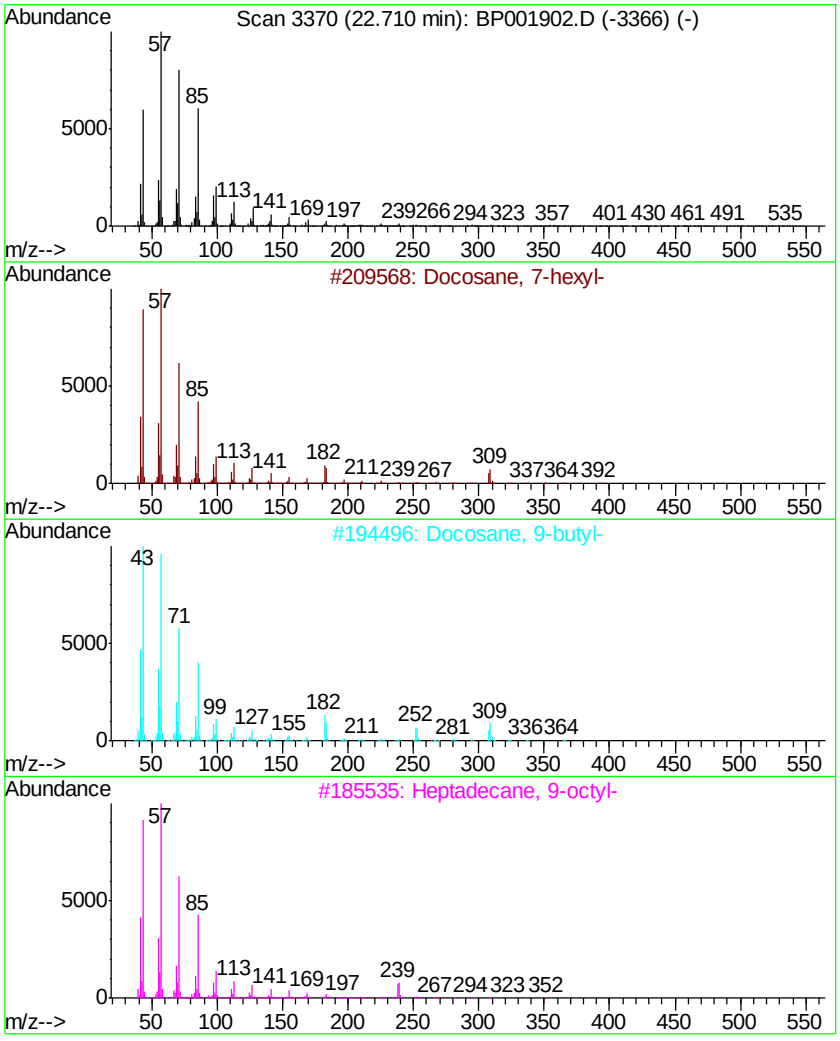
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

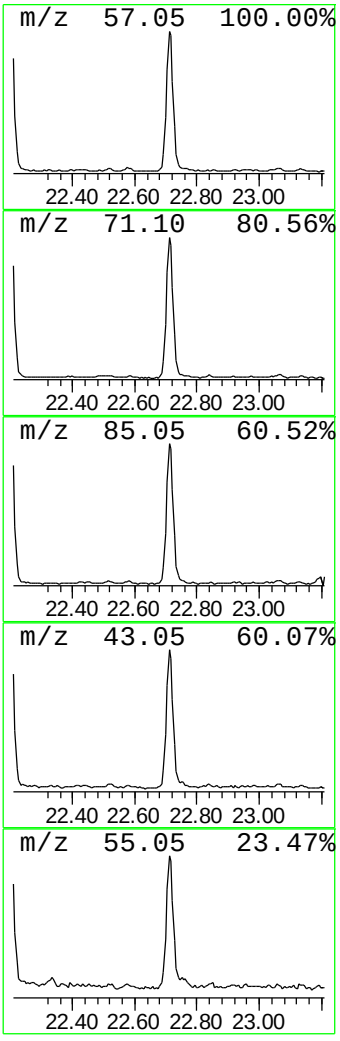
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.71 | 2.06 ng/ul | 646125 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 95 |
| 2 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 95 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 94 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 94 |
| 5 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

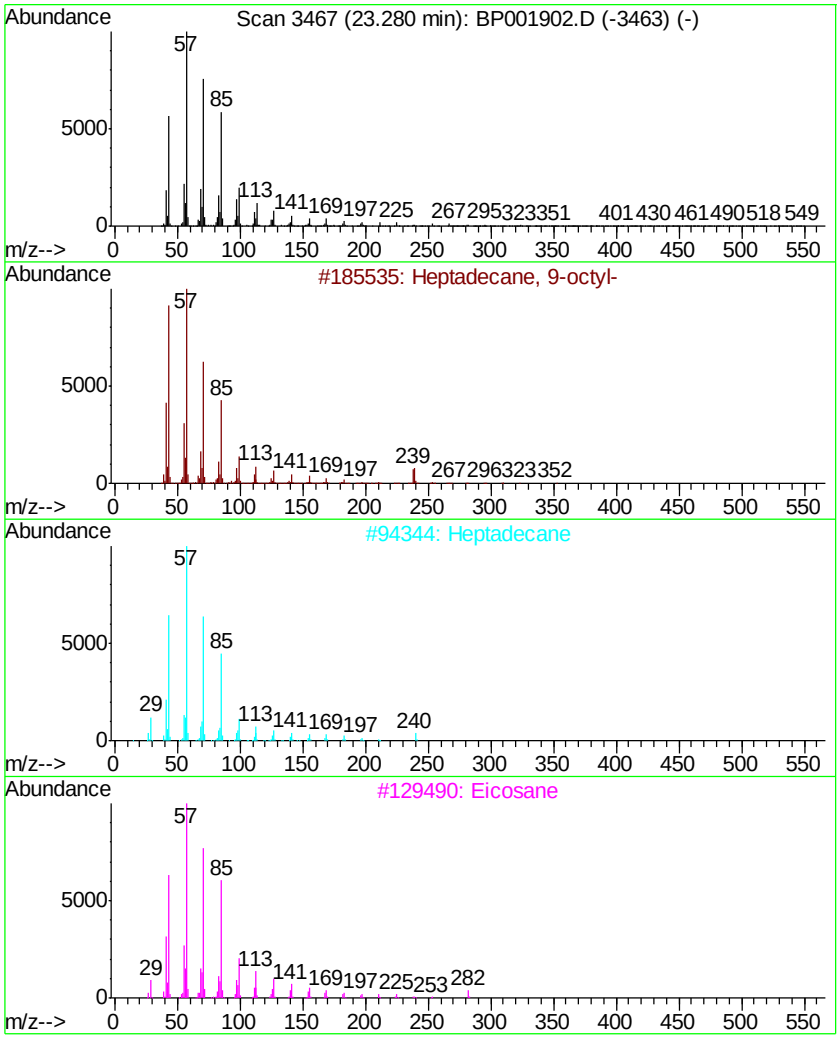
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

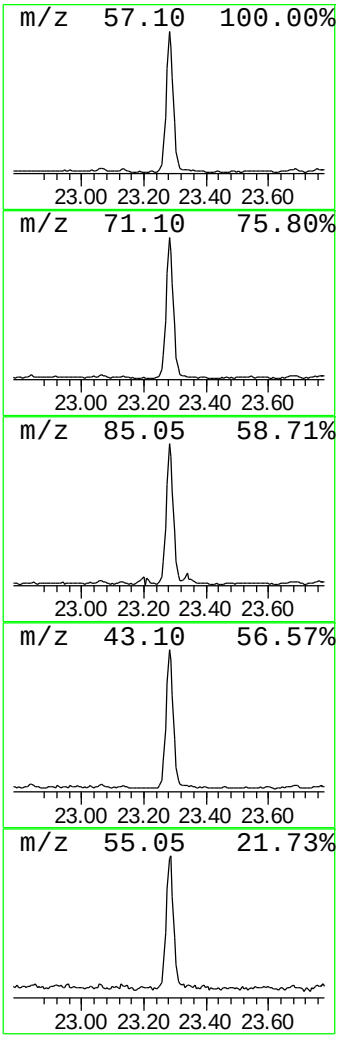
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.28 | 2.38 ng/ul | 746497 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 95 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 94 |
| 4 | Heneicosane, 11-pentyl- | 366 | C26H54 | 014739-72-1 | 93 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

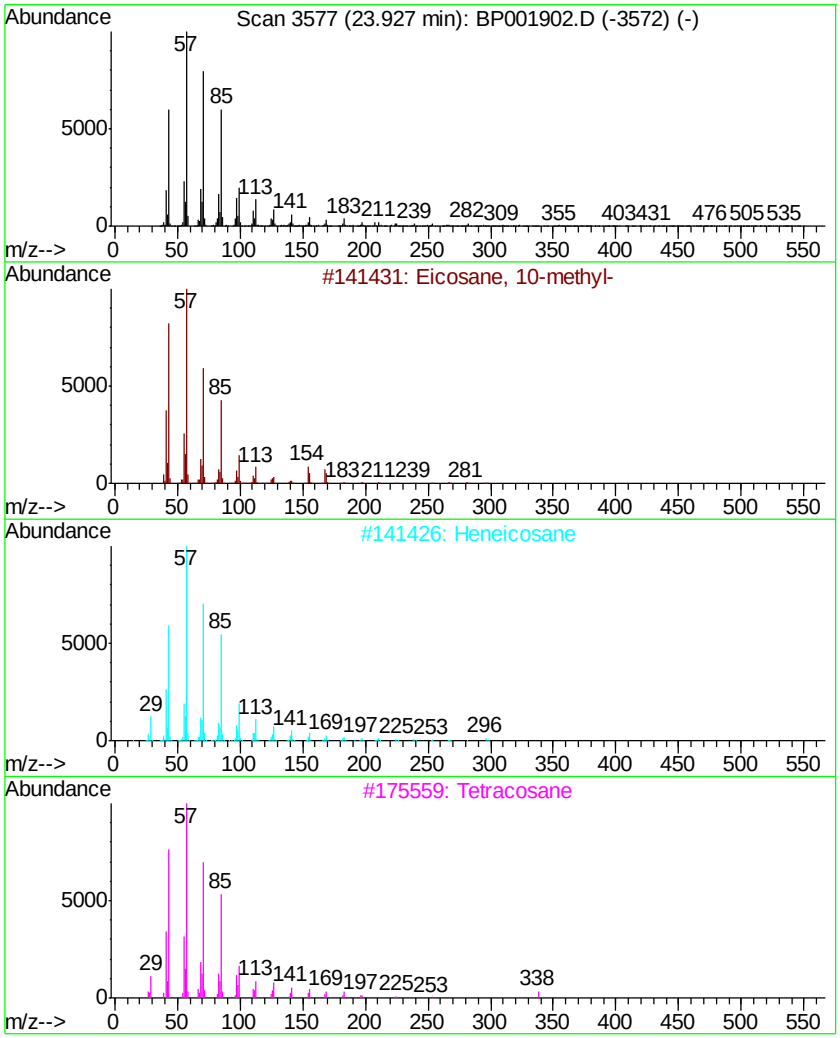
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

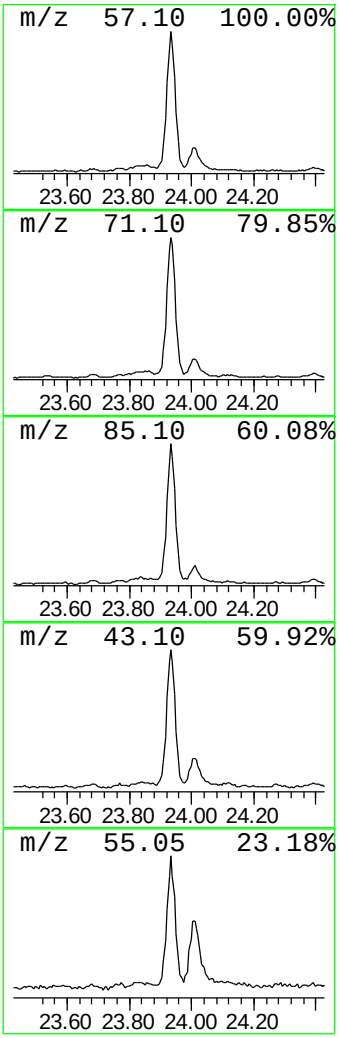
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.93 | 2.32 ng/ul | 726618 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
Data File : BP001902.D
Acq On : 25 Feb 2020 17:40
Operator : CG/JU
Sample : L1542-22
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methoxy... | 2.92 | 9.9 | ng/ul | 863067 | 1 | 7.65 | 1735380 | 20.0 |
| (DEL) Alkane: Cyc... | 20.87 | 4.1 | ng/ul | 1275910 | 5 | 21.13 | 6221250 | 20.0 |
| (DEL) Alkane: Str... | 22.71 | 2.1 | ng/ul | 646125 | 6 | 23.34 | 6268970 | 20.0 |
| (DEL) Alkane: Str... | 23.28 | 2.4 | ng/ul | 746497 | 6 | 23.34 | 6268970 | 20.0 |
| (DEL) Alkane: Str... | 23.93 | 2.3 | ng/ul | 726618 | 6 | 23.34 | 6268970 | 20.0 |