LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

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_N\Methods\SFAM-EPA-BN111522.M
Title : SVOA CALIBRATION

Signal : TIC: BN022826.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.175 | 29 | 32 | 43 | rVB | 16253 | 25830 | 1.09% | 0.114% |
| 2 | 3.617 | 105 | 107 | 124 | rBV | 79286 | 150394 | 6.33% | 0.666% |
| 3 | 3.846 | 142 | 146 | 152 | rVB | 7002 | 12215 | 0.51% | 0.054% |
| 4 | 3.946 | 159 | 163 | 168 | rVB | 3616 | 5786 | 0.24% | 0.026% |
| 5 | 4.916 | 323 | 328 | 335 | rBV | 32728 | 50598 | 2.13% | 0.224% |
| 6 | 7.016 | 678 | 685 | 693 | rBV | 82348 | 139685 | 5.88% | 0.619% |
| 7 | 7.181 | 706 | 713 | 724 | rBV | 284889 | 445032 | 18.74% | 1.971% |
| 8 | 7.369 | 739 | 745 | 755 | rBV | 270855 | 443786 | 18.69% | 1.966% |
| 9 | 7.846 | 819 | 826 | 834 | rBV | 245025 | 388217 | 16.35% | 1.720% |
| 10 | 8.569 | 942 | 949 | 963 | rBV | 236898 | 385327 | 16.22% | 1.707% |
| 11 | 9.028 | 1019 | 1027 | 1035 | rBV | 362961 | 606068 | 25.52% | 2.685% |
| 12 | 9.399 | 1087 | 1090 | 1097 | rVB2 | 2466 | 3614 | 0.15% | 0.016% |
| 13 | 9.751 | 1143 | 1150 | 1161 | rBV | 300682 | 504474 | 21.24% | 2.235% |
| 14 | 10.287 | 1234 | 1241 | 1261 | rBV | 414932 | 708179 | 29.82% | 3.137% |
| 15 | 10.663 | 1298 | 1305 | 1313 | rBV | 378999 | 624497 | 26.30% | 2.766% |
| 16 | 10.816 | 1324 | 1331 | 1344 | rBV | 290929 | 532040 | 22.40% | 2.357% |
| 17 | 12.087 | 1544 | 1547 | 1554 | rVB5 | 2341 | 3806 | 0.16% | 0.017% |
| 18 | 12.269 | 1572 | 1578 | 1584 | rVB | 4904 | 8631 | 0.36% | 0.038% |
| 19 | 13.334 | 1751 | 1759 | 1763 | rVB5 | 1530 | 2654 | 0.11% | 0.012% |
| 20 | 13.934 | 1852 | 1861 | 1877 | rBV | 957839 | 1308820 | 55.11% | 5.798% |
| 21 | 14.210 | 1901 | 1908 | 1919 | rBV2 | 1011690 | 1433599 | 60.36% | 6.350% |
| 22 | 14.516 | 1954 | 1960 | 1968 | rBV | 618645 | 863545 | 36.36% | 3.825% |
| 23 | 14.739 | 1993 | 1998 | 2012 | rBV | 68500 | 142569 | 6.00% | 0.632% |
| 24 | 15.351 | 2098 | 2102 | 2106 | rBV3 | 1624 | 2410 | 0.10% | 0.011% |
| 25 | 15.510 | 2123 | 2129 | 2142 | rBV | 1252042 | 1832888 | 77.18% | 8.119% |
| 26 | 15.645 | 2146 | 2152 | 2164 | rVV | 509462 | 683910 | 28.80% | 3.029% |
| 27 | 15.751 | 2167 | 2170 | 2173 | rVB2 | 4037 | 4866 | 0.20% | 0.022% |
| 28 | 16.298 | 2257 | 2263 | 2269 | rBV | 20802 | 31053 | 1.31% | 0.138% |
| 29 | 16.663 | 2323 | 2325 | 2331 | rBV3 | 2724 | 4071 | 0.17% | 0.018% |
| 30 | 17.269 | 2422 | 2428 | 2436 | rBV | 741608 | 1015932 | 42.78% | 4.500% |
| 31 | 17.369 | 2439 | 2445 | 2456 | rBV | 1361346 | 1892327 | 79.68% | 8.382% |
| 32 | 17.633 | 2485 | 2490 | 2493 | rBV3 | 1899 | 2415 | 0.10% | 0.011% |
| 33 | 17.663 | 2493 | 2495 | 2502 | rVB3 | 1648 | 2787 | 0.12% | 0.012% |
| 34 | 17.939 | 2536 | 2542 | 2547 | rBV | 25356 | 31076 | 1.31% | 0.138% |
| 35 | 18.033 | 2555 | 2558 | 2563 | rBV4 | 2376 | 3696 | 0.16% | 0.016% |
| 36 | 18.163 | 2575 | 2580 | 2591 | rBV | 91593 | 129708 | 5.46% | 0.575% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

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_N\Methods\SFAM-EPA-BN111522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 18.275 | 2593 | 2599 | 2606 | rVB | 194478 | 258288 | 10.88% | 1.144% |
| 38 | 18.516 | 2637 | 2640 | 2646 | rBV6 | 5676 | 8071 | 0.34% | 0.036% |
| 39 | 18.675 | 2662 | 2667 | 2671 | rBV5 | 5126 | 7261 | 0.31% | 0.032% |
| 40 | 19.116 | 2740 | 2742 | 2747 | rBV5 | 3922 | 4223 | 0.18% | 0.019% |
| 41 | 19.233 | 2758 | 2762 | 2769 | rBV3 | 18201 | 24225 | 1.02% | 0.107% |
| 42 | 19.310 | 2771 | 2775 | 2781 | rBV | 19457 | 38837 | 1.64% | 0.172% |
| 43 | 19.445 | 2794 | 2798 | 2811 | rBV | 36517 | 58957 | 2.48% | 0.261% |
| 44 | 19.598 | 2821 | 2824 | 2826 | rVB3 | 5134 | 5816 | 0.24% | 0.026% |
| 45 | 19.674 | 2831 | 2837 | 2847 | rVV | 1712682 | 2273867 | 95.74% | 10.072% |
| 46 | 19.751 | 2848 | 2850 | 2856 | rVB2 | 8118 | 10965 | 0.46% | 0.049% |
| 47 | 20.645 | 2999 | 3002 | 3005 | rBV5 | 7134 | 10169 | 0.43% | 0.045% |
| 48 | 21.192 | 3089 | 3095 | 3111 | rBV | 144810 | 339120 | 14.28% | 1.502% |
| 49 | 21.474 | 3138 | 3143 | 3151 | rBV | 903529 | 1102126 | 46.41% | 4.882% |
| 50 | 22.568 | 3326 | 3329 | 3332 | rVB2 | 27885 | 33669 | 1.42% | 0.149% |
| 51 | 22.704 | 3348 | 3352 | 3360 | rVB | 108975 | 154274 | 6.50% | 0.683% |
| 52 | 23.115 | 3419 | 3422 | 3429 | rVB2 | 53362 | 79934 | 3.37% | 0.354% |
| 53 | 23.715 | 3516 | 3524 | 3535 | rVB | 1184865 | 2374952 | 100.00% | 10.520% |
| 54 | 23.863 | 3543 | 3549 | 3560 | rVB2 | 514374 | 1076745 | 45.34% | 4.770% |
| 55 | 24.462 | 3647 | 3651 | 3660 | rVB2 | 70363 | 134229 | 5.65% | 0.595% |
| 56 | 25.298 | 3789 | 3793 | 3803 | rVB3 | 64564 | 153333 | 6.46% | 0.679% |

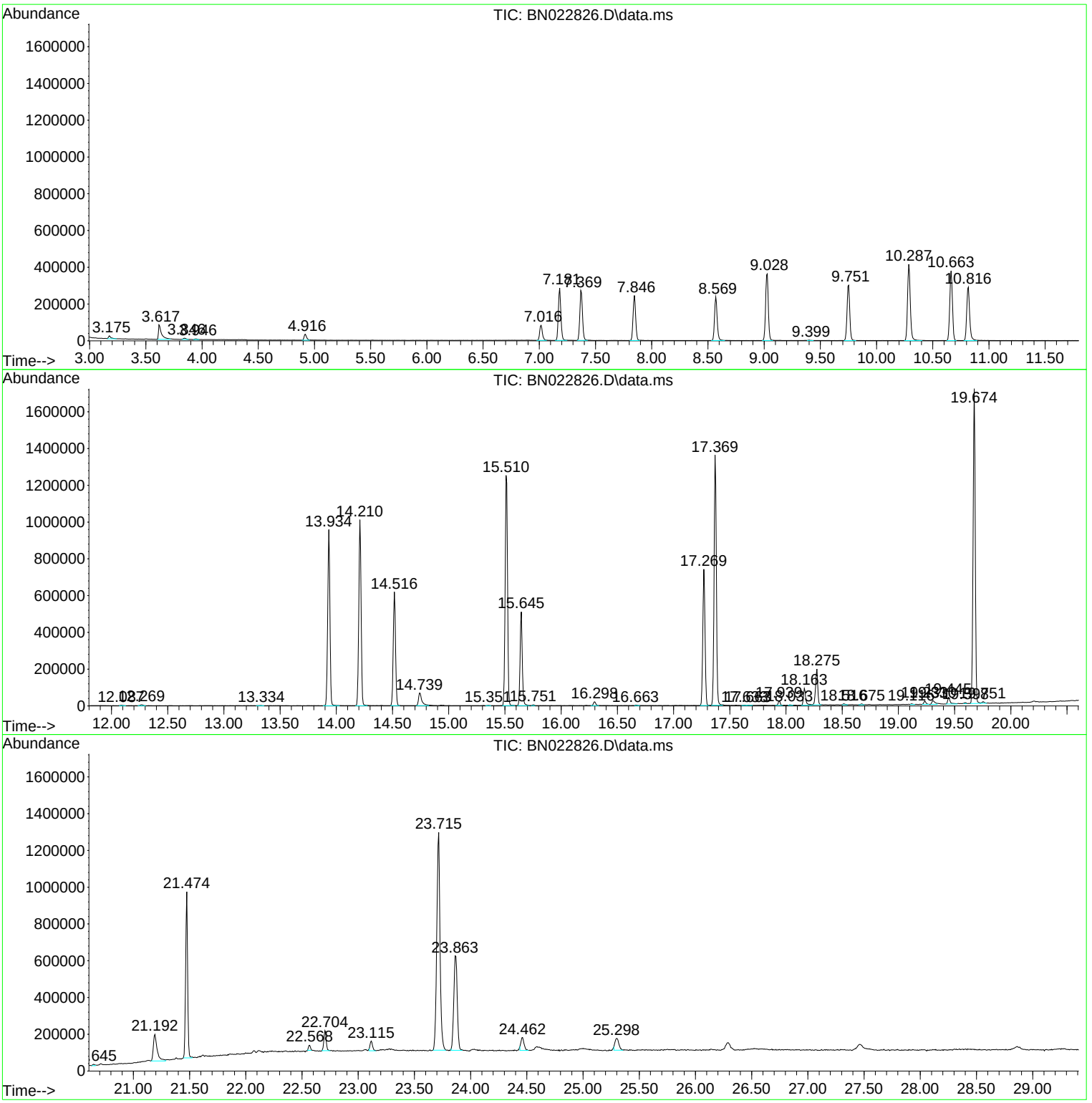
Sum of corrected areas: 22575566

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

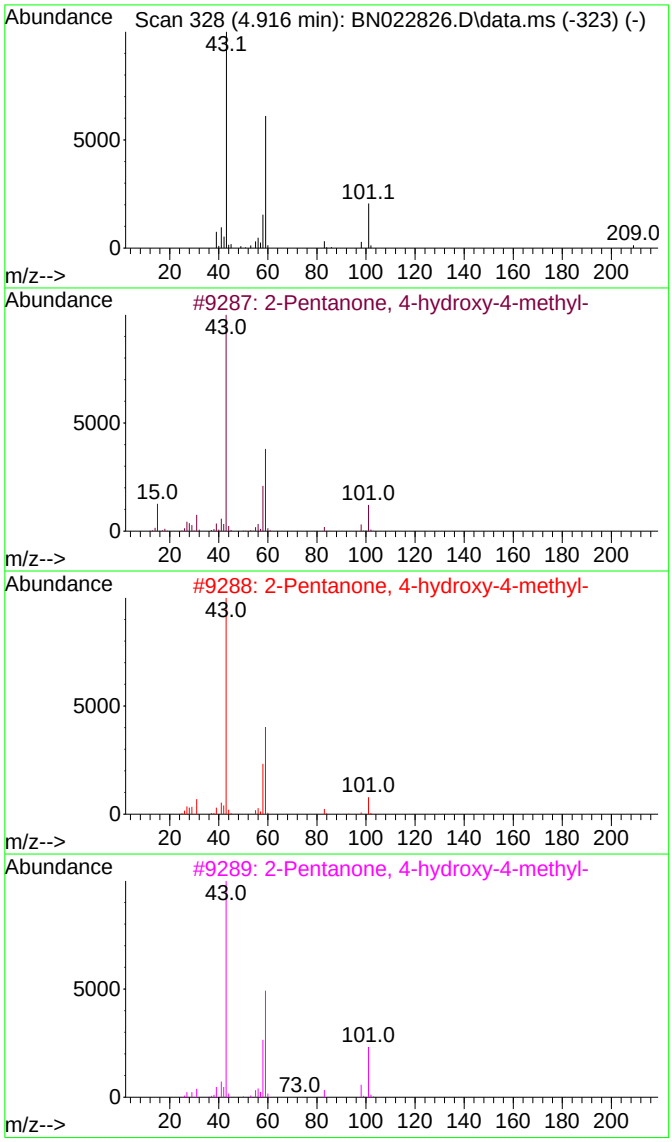
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

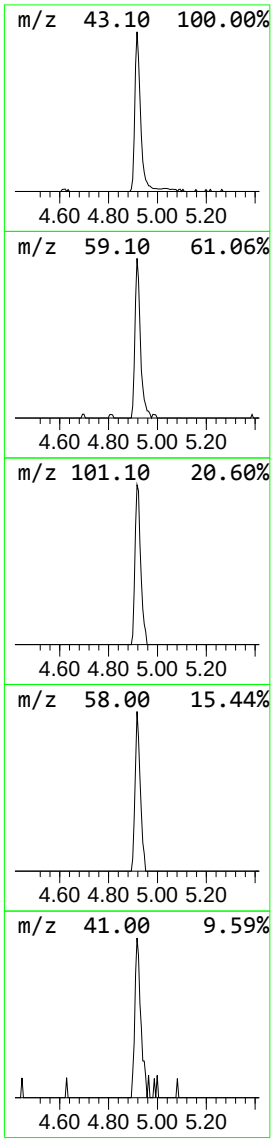
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.916 | 2.61 ng/ul | 50598 | 1,4-Dichlorobenzene-d4 | 7.846 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 3 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 43 |
| 4 | 4-Penten-2-one, 4-methyl- | 98 | C6H10O | 003744-02-3 | 9 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

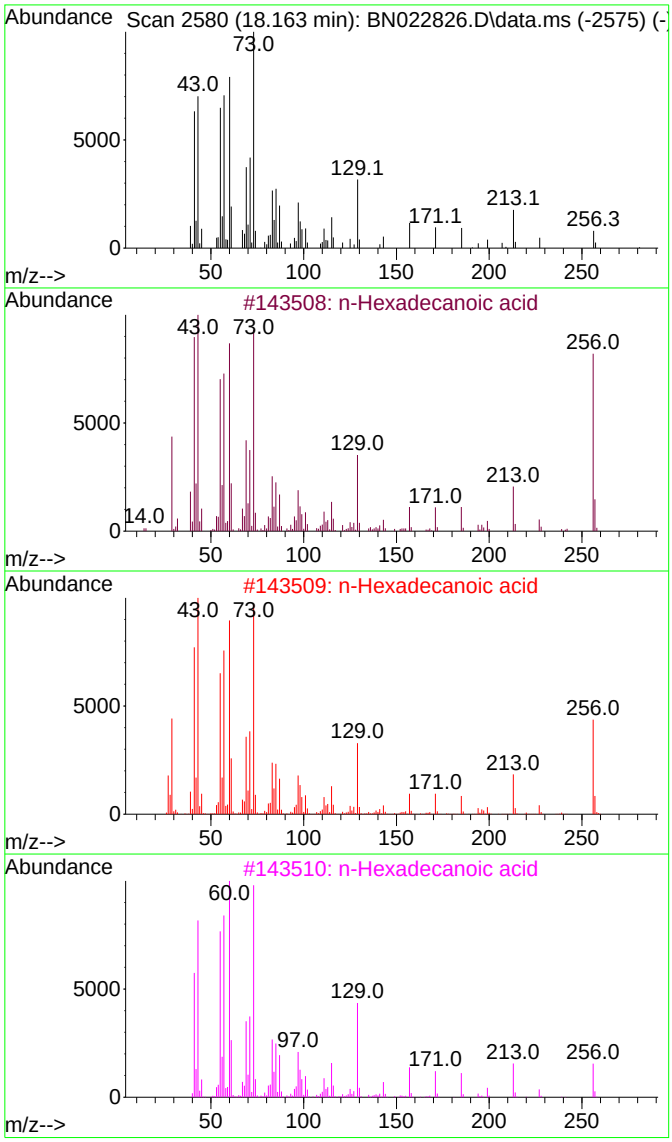
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

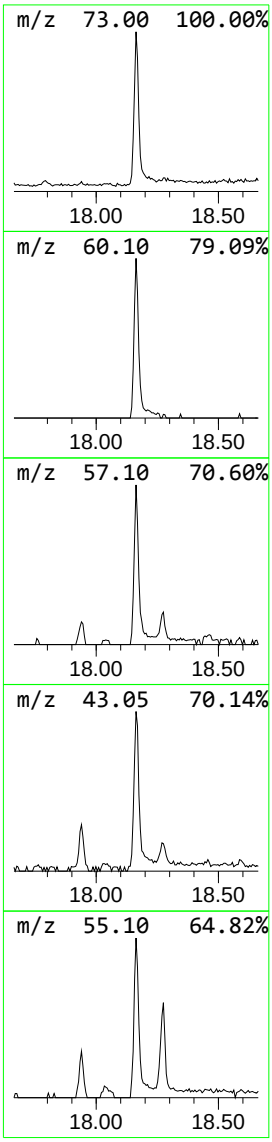
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.163 | 2.55 ng/ul | 129708 | Phenanthrene-d10 | 17.269 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

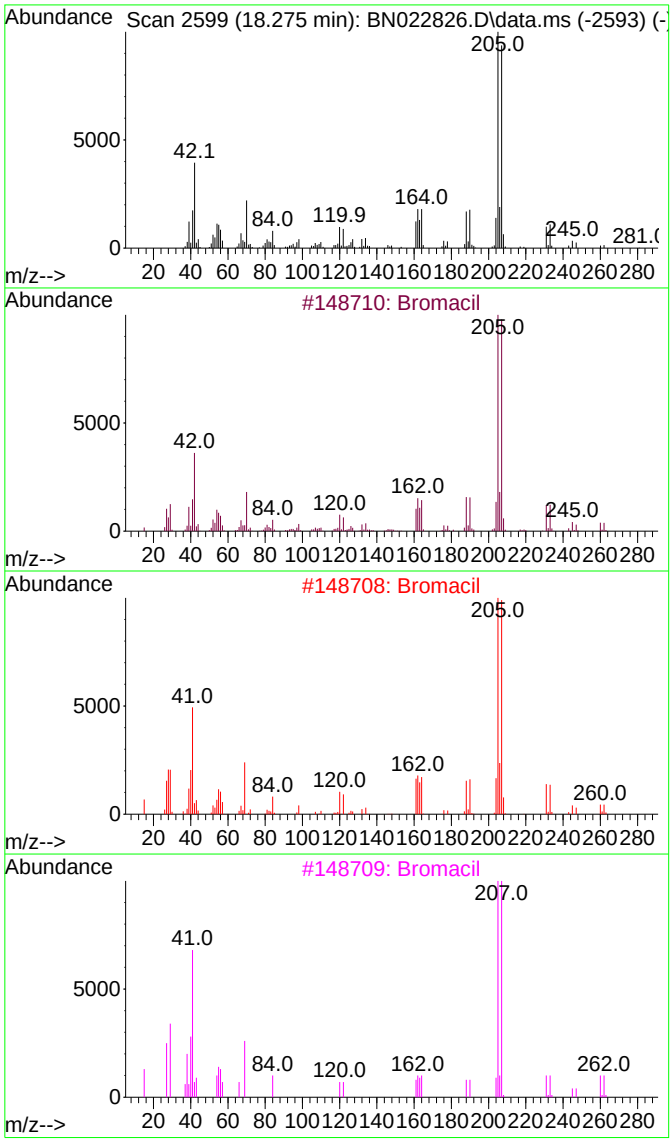
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

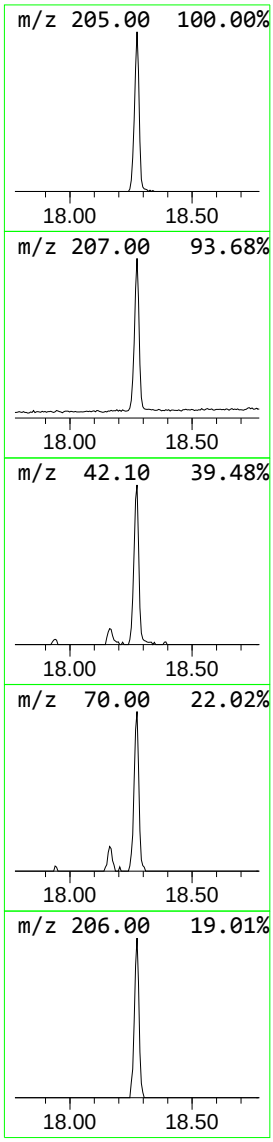
**********

Peak Number 3 Bromacil Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.275 | 5.08 ng/ul | 258288 | Phenanthrene-d10 | 17.269 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bromacil | 260 | C9H13BrN2O2 | 000314-40-9 | 91 |
| 2 | Bromacil | 260 | C9H13BrN2O2 | 000314-40-9 | 83 |
| 3 | Bromacil | 260 | C9H13BrN2O2 | 000314-40-9 | 81 |
| 4 | 2,4,6-Trichlorobenzonitrile | 205 | C7H2Cl3N | 006575-05-9 | 50 |
| 5 | 5-Acetamido-2,4-dichlorobenzoic ... | 247 | C9H7Cl2NO3 | 050602-49-8 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

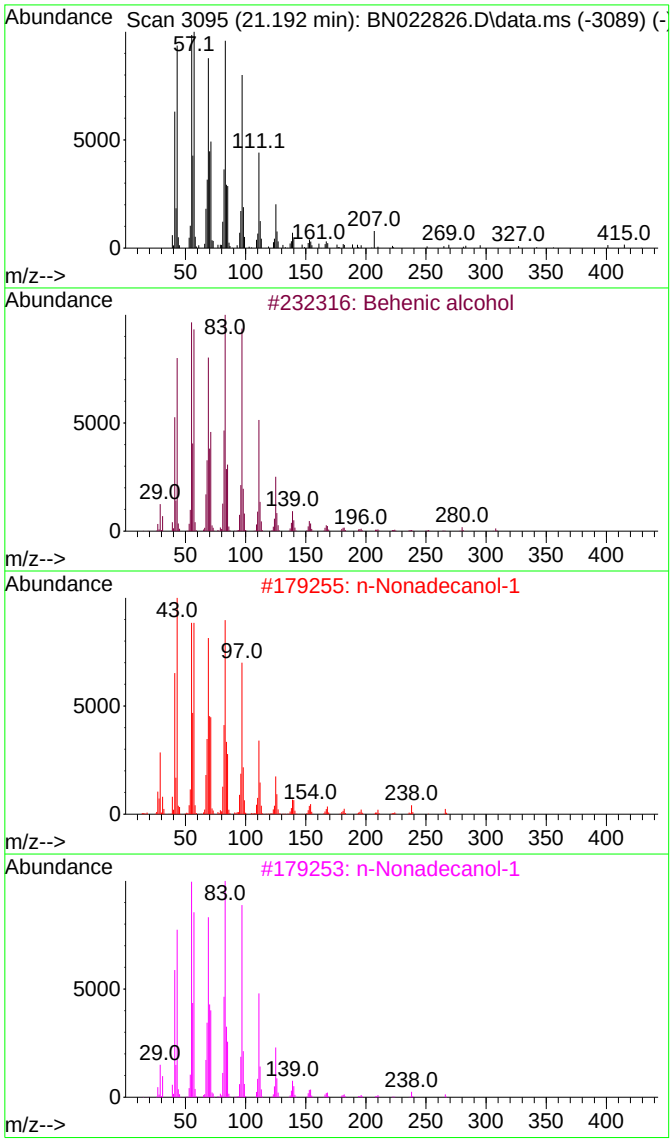
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

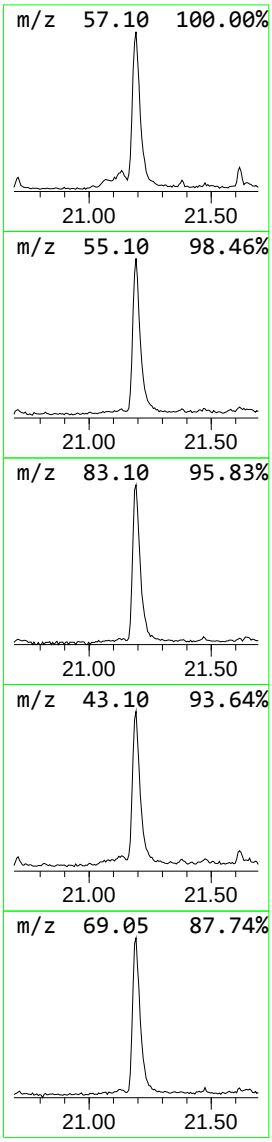
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.192 | 6.15 ng/ul | 339120 | Chrysene-d12 | 21.474 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 95 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 95 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 95 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 5 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
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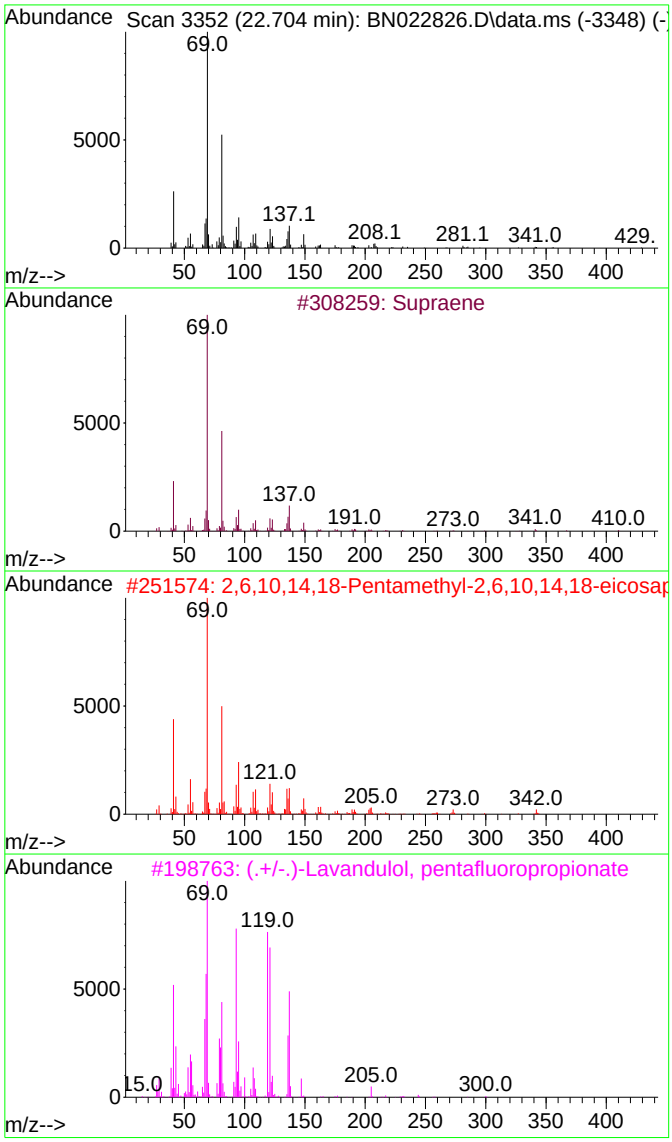
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

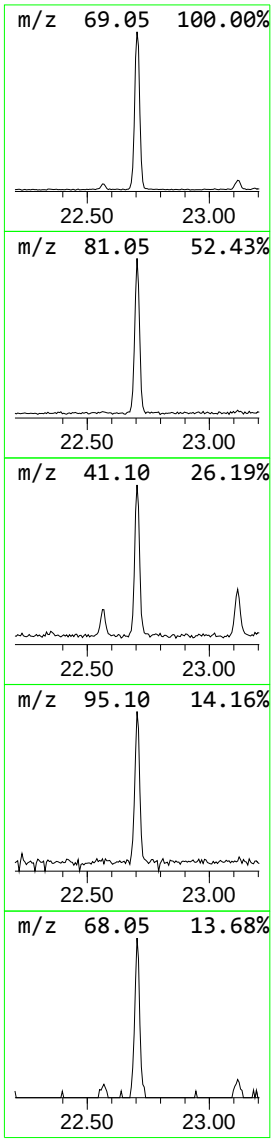
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Supraene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.704 | 2.87 ng/ul | 154274 | Perylene-d12 | 23.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 91 |
| 2 | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 | C25H42 | 075581-03-2 | 87 |
| 3 | (.+/-.)-Lavandulol, pentafluorop... | 300 | C13H17F5O2 | 1000352-63-1 | 72 |
| 4 | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 72 |
| 5 | 5,9,13-Pentadecatrien-2-one, 6,1... | 262 | C18H30O | 001117-52-8 | 64 |



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Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
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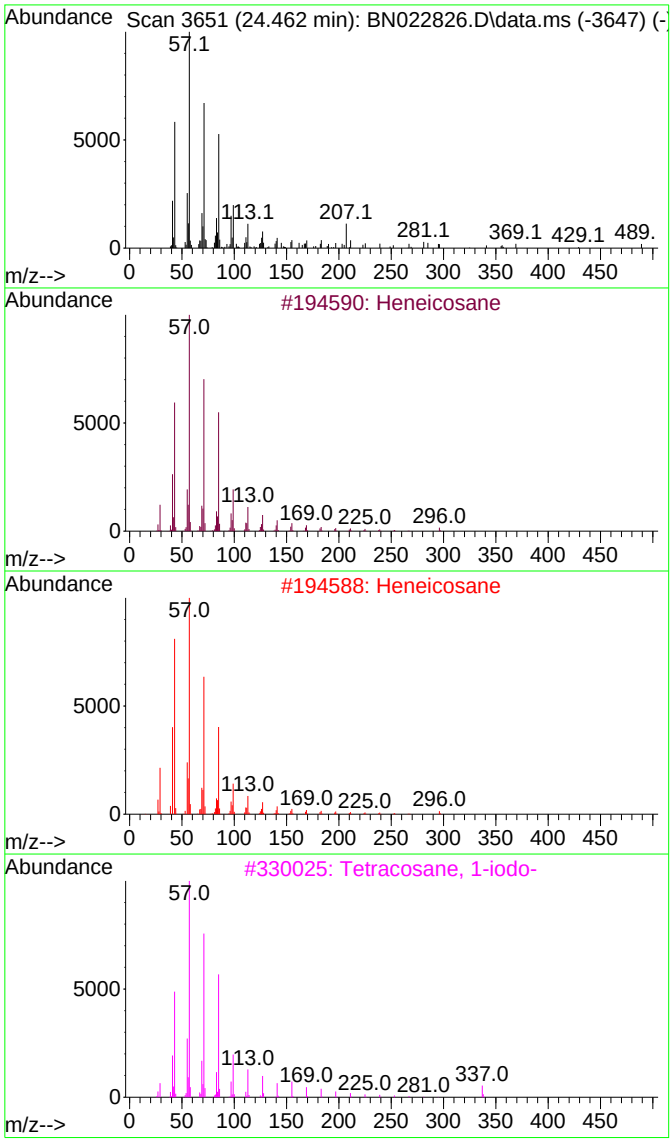
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

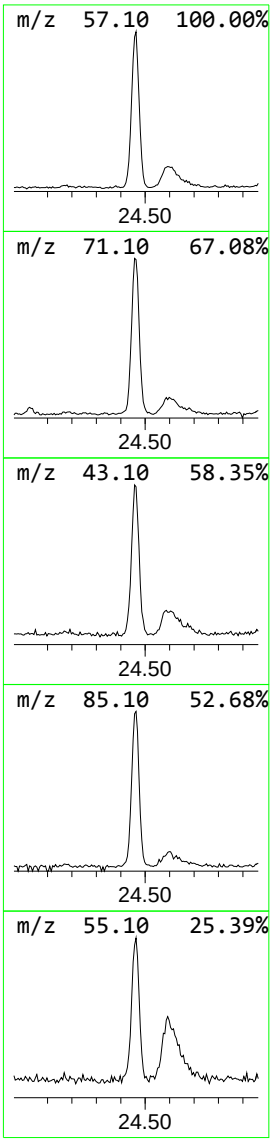
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.462 | 2.49 ng/ul | 134229 | Perylene-d12 | 23.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 98 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 93 |
| 3 | Tetracosane, 1-iodo- | 464 | C24H49I | 1000406-32-0 | 83 |
| 4 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 83 |
| 5 | Eicosane, 1-iodo- | 408 | C20H41I | 1000406-31-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

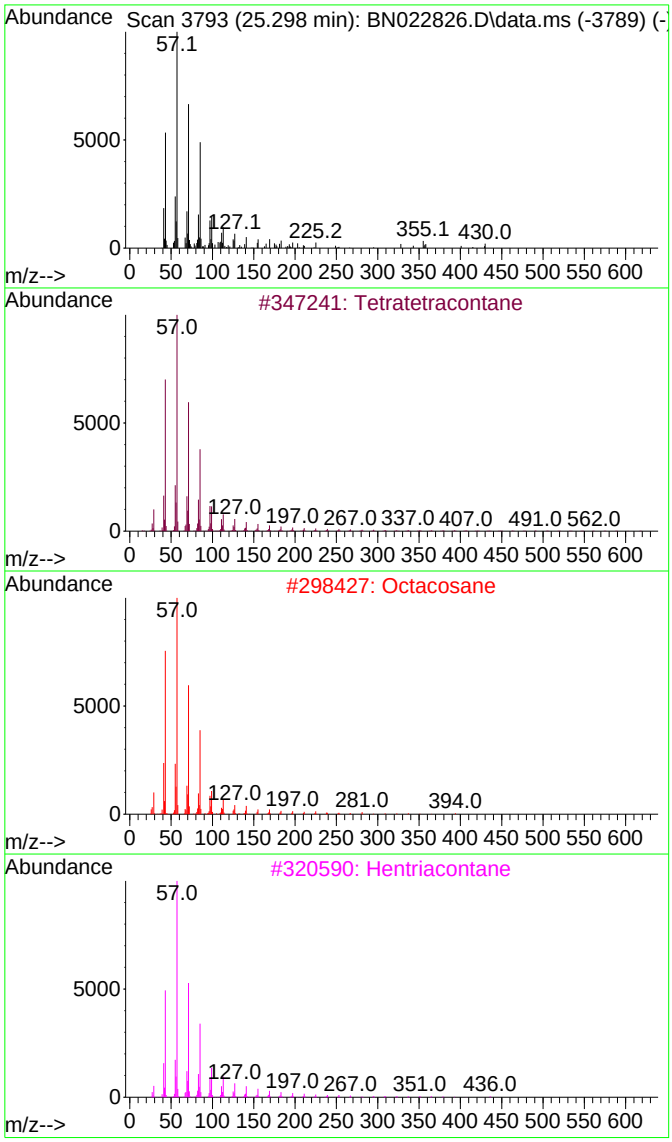
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

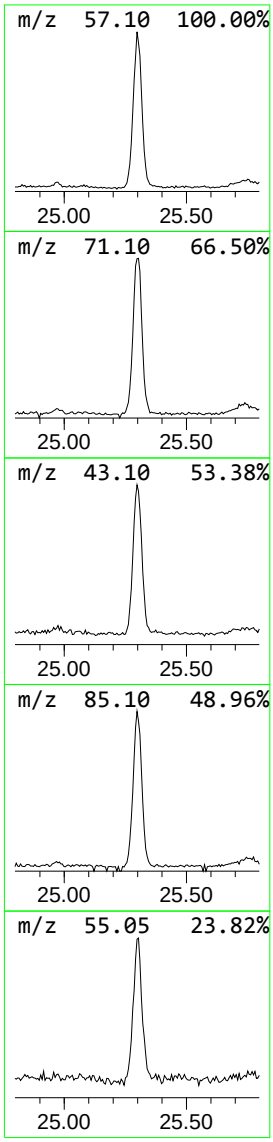
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.298 | 2.85 ng/ul | 153333 | Perylene-d12 | 23.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |
| 4 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 87 |
| 5 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022826.D
Acq On : 22 Nov 2022 16:00
Operator : CG/JU
Sample : N5593-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.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 |
| 2-Pentanone, 4-... | 4.916 | 2.6 | ng/ul | 50598 | 1 | 7.846 | 388217 | 20.0 |
| n-Hexadecanoic ... | 18.163 | 2.5 | ng/ul | 129708 | 4 | 17.269 | 1015930 | 20.0 |
| Bromacil | 18.275 | 5.1 | ng/ul | 258288 | 4 | 17.269 | 1015930 | 20.0 |
| Behenic alcohol | 21.192 | 6.2 | ng/ul | 339120 | 5 | 21.474 | 1102130 | 20.0 |
| Supraene | 22.704 | 2.9 | ng/ul | 154274 | 6 | 23.863 | 1076750 | 20.0 |
| (DEL) Alkane: S... | 24.462 | 2.5 | ng/ul | 134229 | 6 | 23.863 | 1076750 | 20.0 |
| (DEL) Alkane: S... | 25.298 | 2.9 | ng/ul | 153333 | 6 | 23.863 | 1076750 | 20.0 |