LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
Data File : BP013728.D
Acq On : 03 Feb 2023 01:45
Operator : CG/JU
Sample : PB150548BL
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SBLK548

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-BP020123.M
Title : SVOA CALIBRATION

Signal : TIC: BP013728.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.216 | 3 | 5 | 14 | rVB | 516076 | 532554 | 9.67% | 1.848% |
| 2 | 3.299 | 16 | 19 | 22 | rVV | 153479 | 169631 | 3.08% | 0.589% |
| 3 | 3.328 | 22 | 24 | 26 | rVV | 67262 | 70188 | 1.27% | 0.244% |
| 4 | 3.357 | 26 | 29 | 31 | rVV | 97204 | 104232 | 1.89% | 0.362% |
| 5 | 3.393 | 31 | 35 | 44 | rVB | 2976796 | 3172375 | 57.59% | 11.008% |
| 6 | 3.716 | 87 | 90 | 92 | rBV5 | 8248 | 9872 | 0.18% | 0.034% |
| 7 | 3.752 | 92 | 96 | 101 | rVB | 96447 | 115361 | 2.09% | 0.400% |
| 8 | 3.846 | 109 | 112 | 115 | rVB2 | 6668 | 6784 | 0.12% | 0.024% |
| 9 | 4.240 | 175 | 179 | 187 | rVB | 24044 | 34771 | 0.63% | 0.121% |
| 10 | 4.381 | 200 | 203 | 207 | rVB5 | 6065 | 8238 | 0.15% | 0.029% |
| 11 | 4.434 | 207 | 212 | 219 | rVB5 | 7446 | 15855 | 0.29% | 0.055% |
| 12 | 4.546 | 227 | 231 | 235 | rBV5 | 5372 | 9221 | 0.17% | 0.032% |
| 13 | 4.587 | 235 | 238 | 250 | rVB8 | 4624 | 11629 | 0.21% | 0.040% |
| 14 | 5.110 | 324 | 327 | 330 | rBV4 | 7500 | 10450 | 0.19% | 0.036% |
| 15 | 5.193 | 336 | 341 | 348 | rVB | 64898 | 95154 | 1.73% | 0.330% |
| 16 | 7.851 | 789 | 793 | 798 | rBV7 | 5006 | 9578 | 0.17% | 0.033% |
| 17 | 8.134 | 833 | 841 | 851 | rBV | 1184734 | 1991220 | 36.14% | 6.909% |
| 18 | 10.816 | 1290 | 1297 | 1299 | rBV7 | 2790 | 6681 | 0.12% | 0.023% |
| 19 | 10.963 | 1312 | 1322 | 1339 | rBV | 1542415 | 2723060 | 49.43% | 9.449% |
| 20 | 14.769 | 1962 | 1969 | 1983 | rBV | 2578238 | 3926230 | 71.27% | 13.624% |
| 21 | 17.316 | 2397 | 2402 | 2407 | rBV5 | 5301 | 10810 | 0.20% | 0.038% |
| 22 | 17.521 | 2430 | 2437 | 2451 | rBV | 3716723 | 5361124 | 97.32% | 18.603% |
| 23 | 21.598 | 3125 | 3130 | 3138 | rBV | 4013008 | 5509009 | 100.00% | 19.116% |
| 24 | 24.174 | 3561 | 3568 | 3580 | rVB2 | 2332775 | 4915194 | 89.22% | 17.055% |

Sum of corrected areas: 28819221

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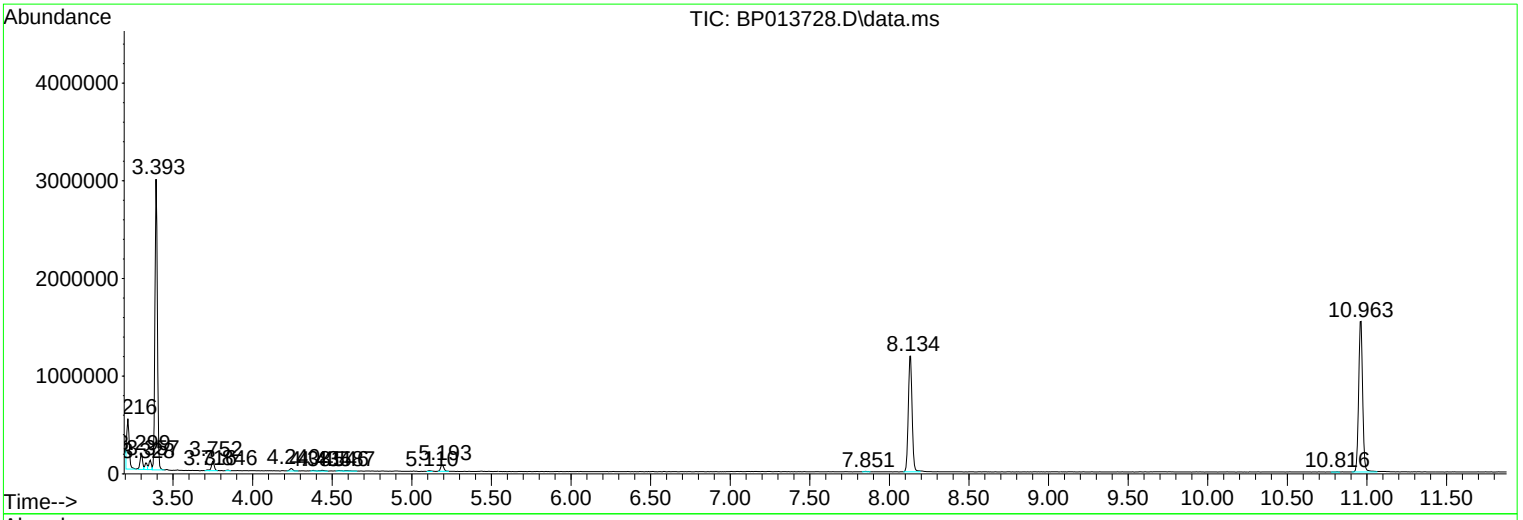
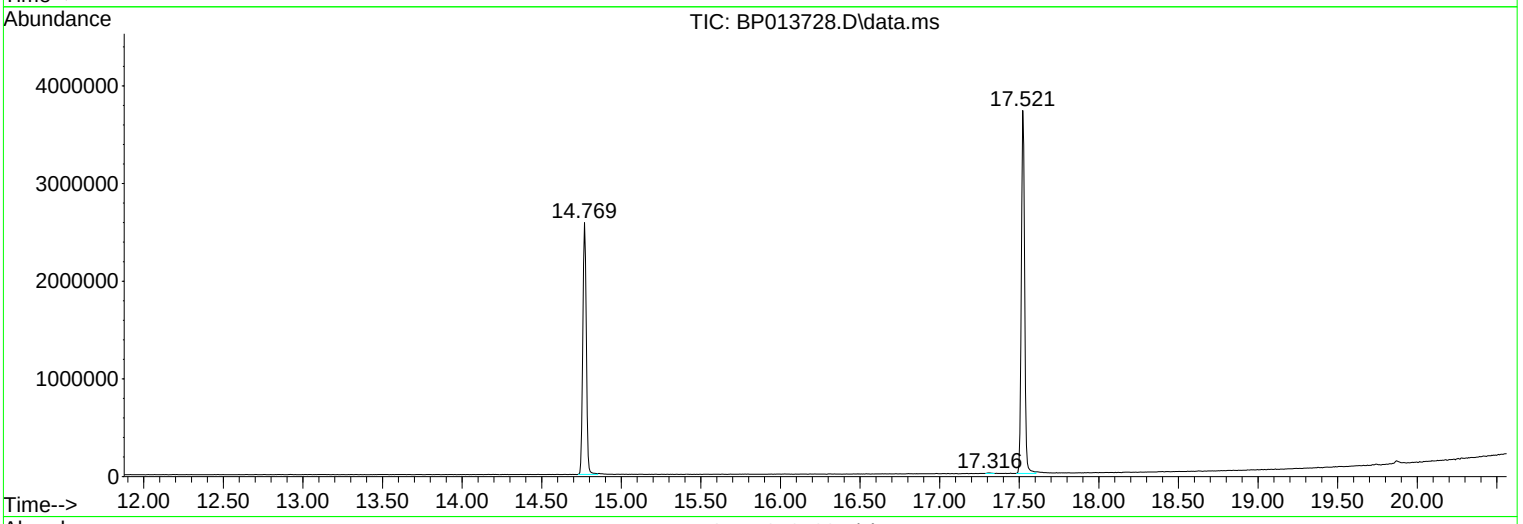
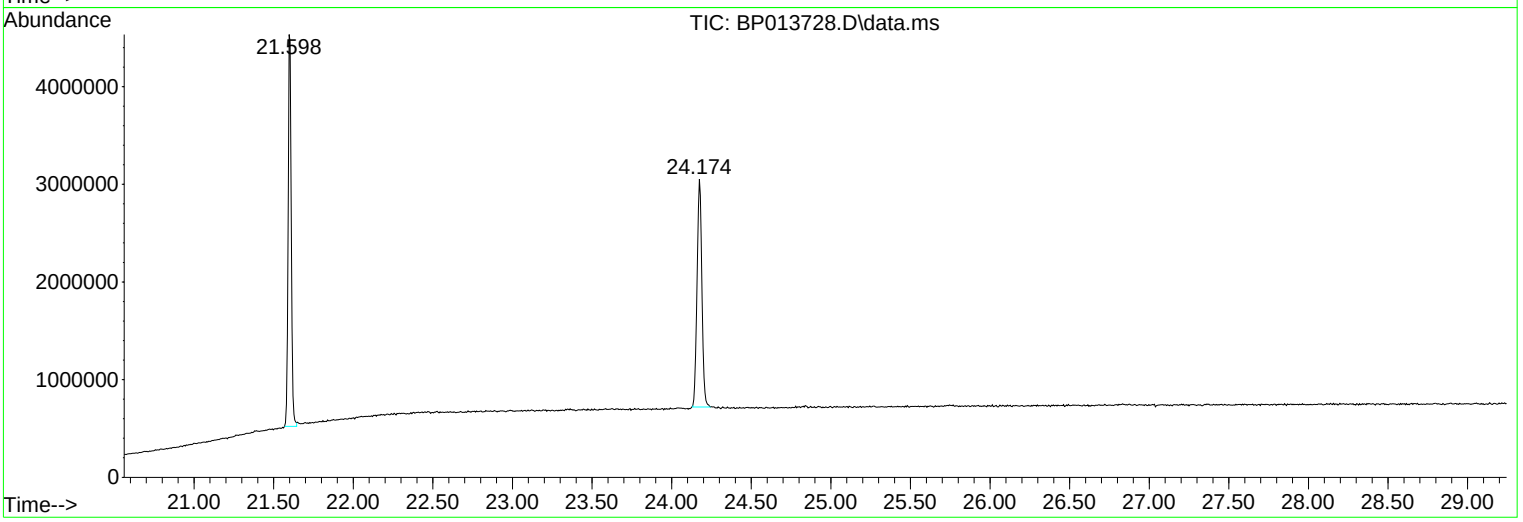
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION

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



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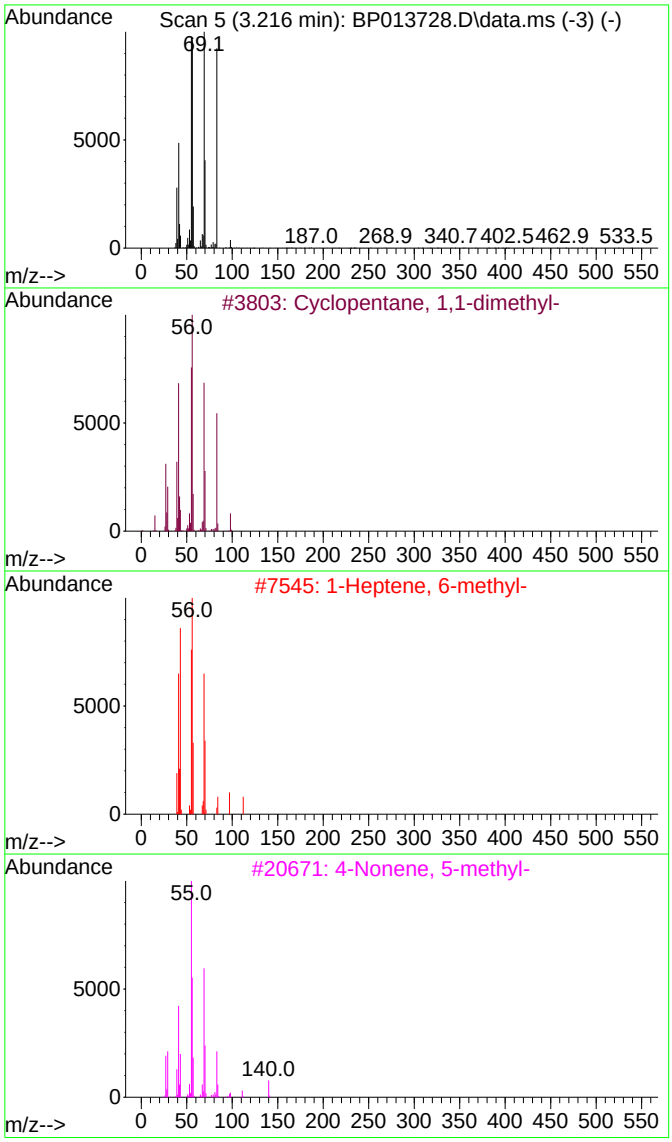
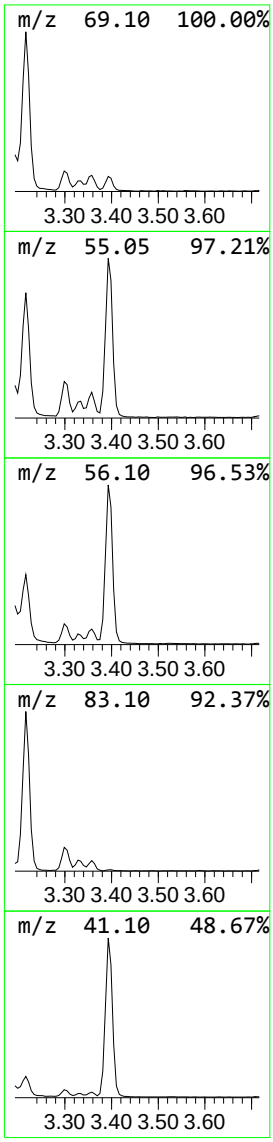
**********
Peak Number 1 (DEL) Alkane: Cyclic3.216 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.216 | 5.35 ng/ul | 532554 | 1,4-Dichlorobenzene-d4 | 8.134 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,1-dimethyl- | 98 | C7H14 | 001638-26-2 | 83 |
| 2 | 1-Heptene, 6-methyl- | 112 | C8H16 | 005026-76-6 | 53 |
| 3 | 4-Nonene, 5-methyl- | 140 | C10H20 | 015918-07-7 | 50 |
| 4 | Cyclopentane, 1,1,2-trimethyl- | 112 | C8H16 | 004259-00-1 | 42 |
| 5 | (S)-(+)-5-Methyl-1-heptanol | 130 | C8H18O | 057803-73-3 | 38 |



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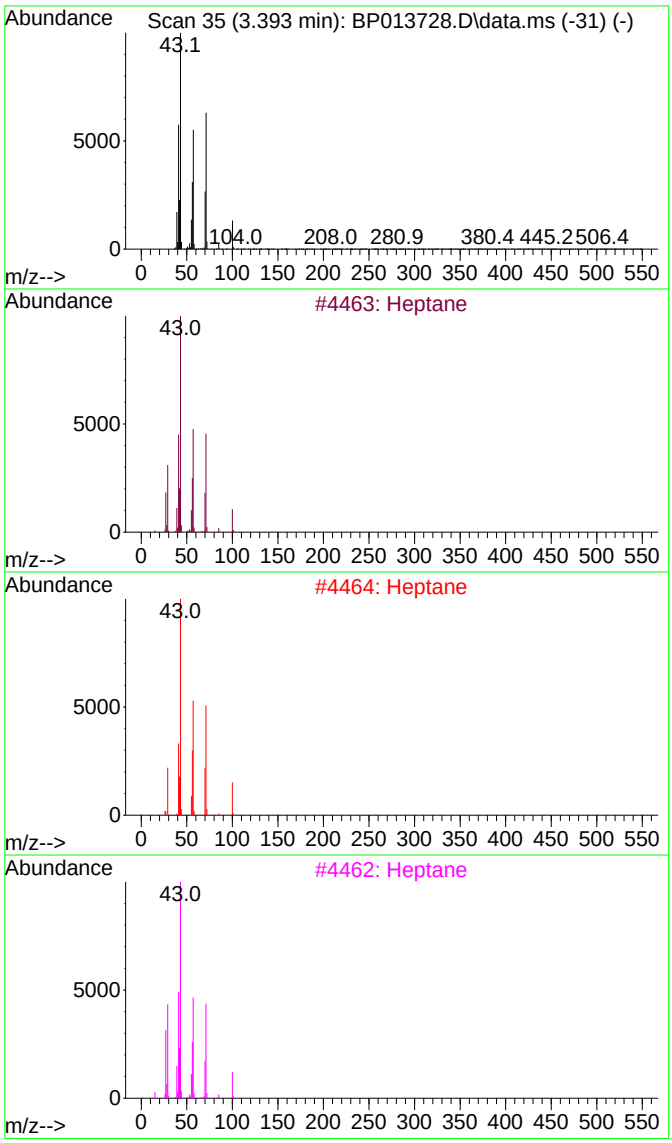
Quant Title : SVOA CALIBRATION

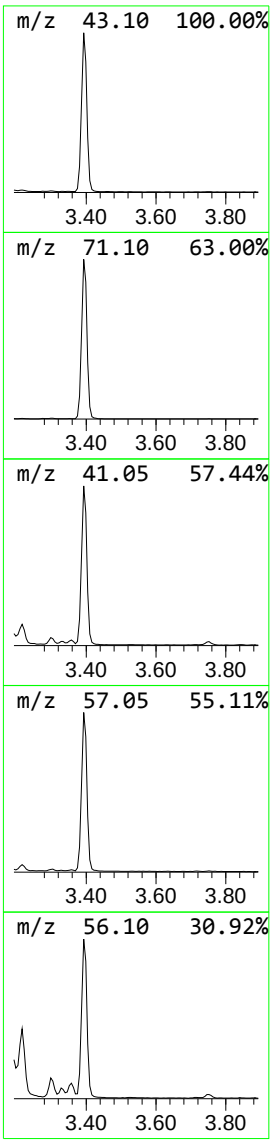
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.393 | 31.86 ng/ul | 3172380 | 1,4-Dichlorobenzene-d4 | 8.134 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane | 100 | C7H16 | 000142-82-5 | 95 |
| 2 | Heptane | 100 | C7H16 | 000142-82-5 | 91 |
| 3 | Heptane | 100 | C7H16 | 000142-82-5 | 90 |
| 4 | Heptane | 100 | C7H16 | 000142-82-5 | 86 |
| 5 | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 64 |



Tentatively Identified Compound (LSC) summary

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**Instrument :**
BNA_P
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: C... | 3.216 | 5.3 | ng/ul | 532554 | 1 | 8.134 | 1991220 | 20.0 |
| (DEL) Alkane: S... | 3.393 | 31.9 | ng/ul | 3172380 | 1 | 8.134 | 1991220 | 20.0 |