LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014415.D
Acq On : 28 Feb 2018 23:08
Operator : SJ/JU
Sample : J1679-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE614

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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 | 6.722 | 629 | 635 | 648 | rBV | 94376 | 227343 | 5.13% | 0.614% |
| 2 | 6.863 | 654 | 659 | 672 | rBV | 349743 | 612354 | 13.83% | 1.655% |
| 3 | 7.057 | 685 | 692 | 703 | rBV | 412516 | 770751 | 17.41% | 2.083% |
| 4 | 7.516 | 764 | 770 | 778 | rBV | 344749 | 579685 | 13.09% | 1.567% |
| 5 | 7.592 | 778 | 783 | 794 | rVB5 | 34096 | 80704 | 1.82% | 0.218% |
| 6 | 8.239 | 887 | 893 | 906 | rBV2 | 324904 | 638007 | 14.41% | 1.724% |
| 7 | 8.675 | 961 | 967 | 980 | rVB | 601696 | 1055233 | 23.83% | 2.852% |
| 8 | 9.386 | 1081 | 1088 | 1101 | rBV | 539566 | 1010667 | 22.82% | 2.731% |
| 9 | 9.928 | 1173 | 1180 | 1198 | rBV | 479434 | 1223088 | 27.62% | 3.305% |
| 10 | 10.286 | 1234 | 1241 | 1253 | rVB | 547680 | 931840 | 21.04% | 2.518% |
| 11 | 13.598 | 1798 | 1804 | 1817 | rVB | 1691425 | 2357599 | 53.24% | 6.371% |
| 12 | 13.863 | 1842 | 1849 | 1862 | rBV | 1836181 | 2715929 | 61.34% | 7.340% |
| 13 | 14.174 | 1895 | 1902 | 1911 | rBV2 | 954225 | 1434808 | 32.40% | 3.877% |
| 14 | 14.474 | 1945 | 1953 | 1964 | rBV6 | 49941 | 155649 | 3.52% | 0.421% |
| 15 | 15.180 | 2066 | 2073 | 2084 | rBV | 2265705 | 3260441 | 73.63% | 8.811% |
| 16 | 15.339 | 2094 | 2100 | 2110 | rBV2 | 700137 | 1133399 | 25.60% | 3.063% |
| 17 | 15.421 | 2110 | 2114 | 2124 | rVB6 | 35688 | 65572 | 1.48% | 0.177% |
| 18 | 16.933 | 2363 | 2371 | 2382 | rBV2 | 1229571 | 1779177 | 40.18% | 4.808% |
| 19 | 17.033 | 2382 | 2388 | 2401 | rBV | 2440648 | 3690611 | 83.35% | 9.974% |
| 20 | 17.604 | 2480 | 2485 | 2491 | rBV2 | 222950 | 292984 | 6.62% | 0.792% |
| 21 | 18.980 | 2715 | 2719 | 2725 | rBV2 | 31526 | 46534 | 1.05% | 0.126% |
| 22 | 19.345 | 2775 | 2781 | 2794 | rBV | 3244723 | 4378540 | 98.88% | 11.833% |
| 23 | 21.150 | 3083 | 3088 | 3095 | rBV | 1585019 | 2085540 | 47.10% | 5.636% |
| 24 | 23.191 | 3428 | 3435 | 3444 | rVB | 2492745 | 4427994 | 100.00% | 11.966% |
| 25 | 23.327 | 3451 | 3458 | 3468 | rVB | 1062536 | 2049714 | 46.29% | 5.539% |

Sum of corrected areas: 37004163

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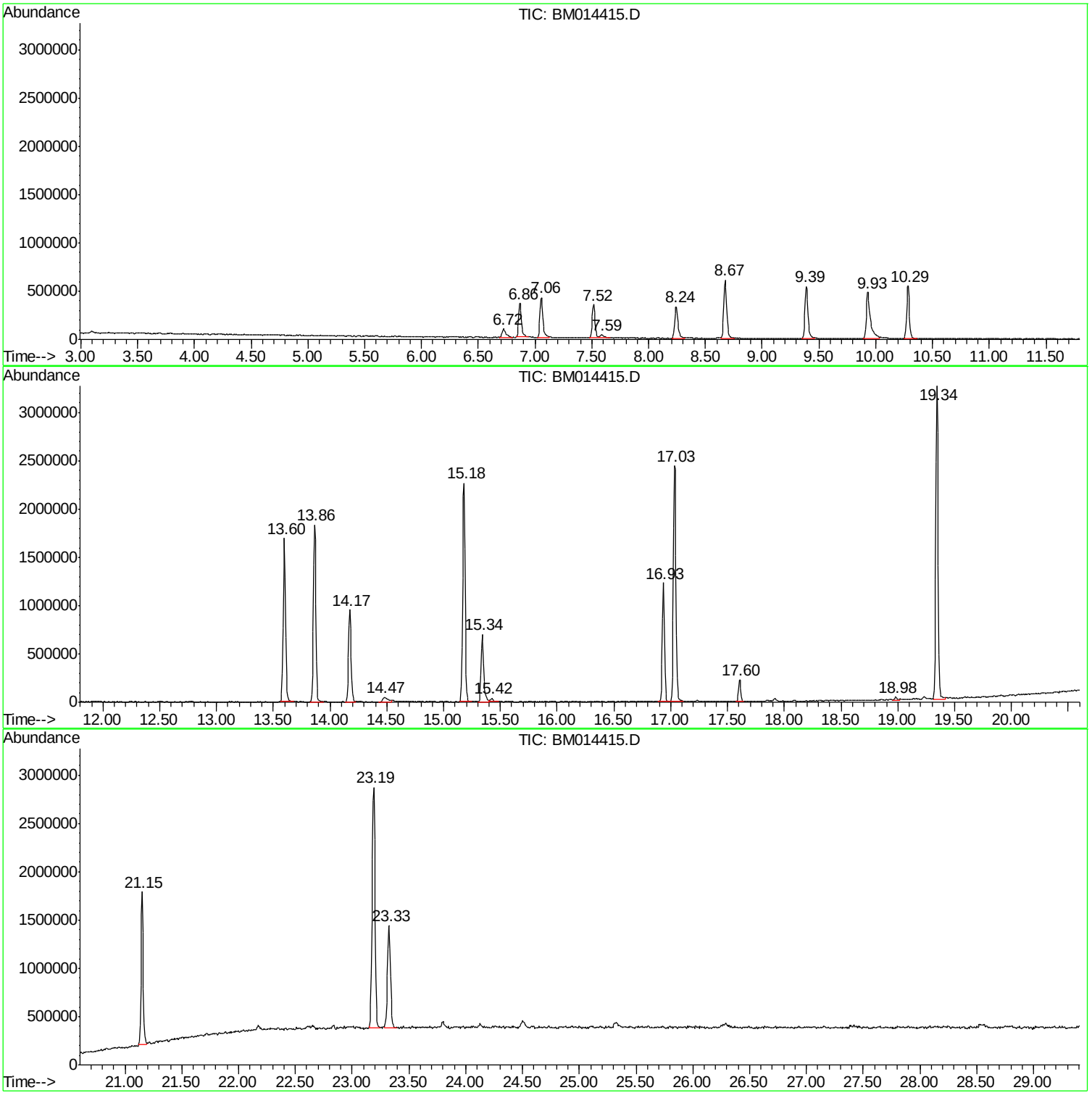
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014415.D
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Sample : J1679-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE614

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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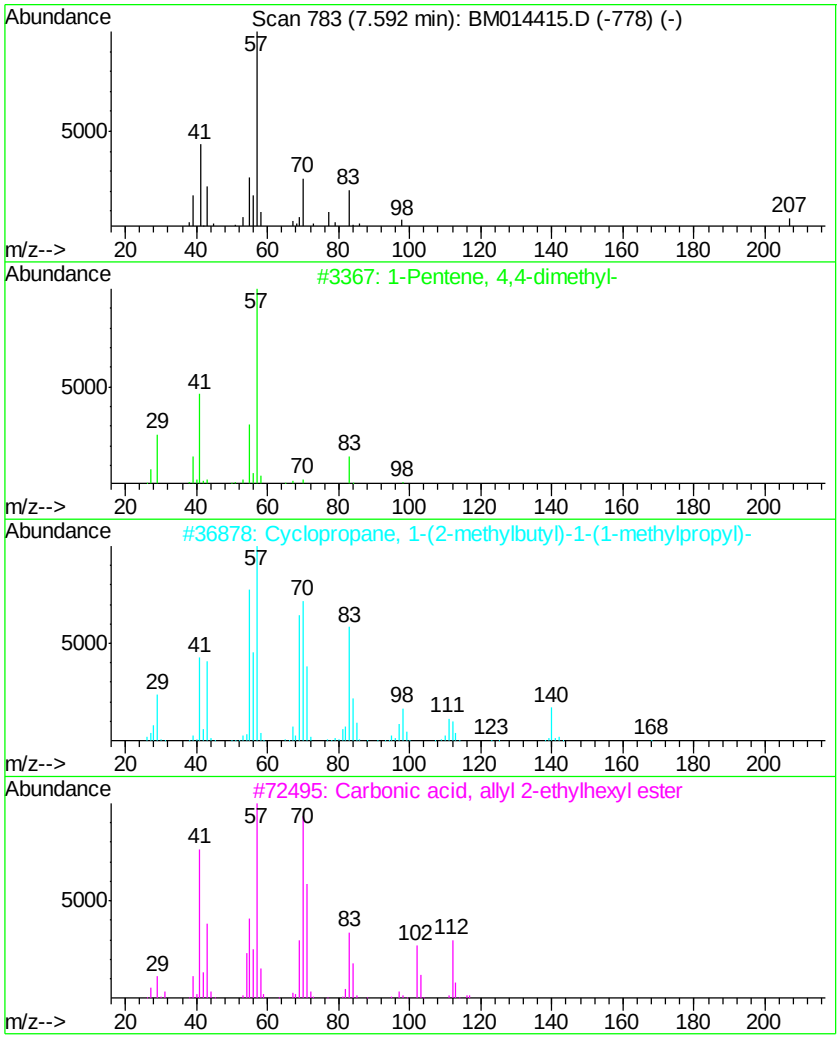
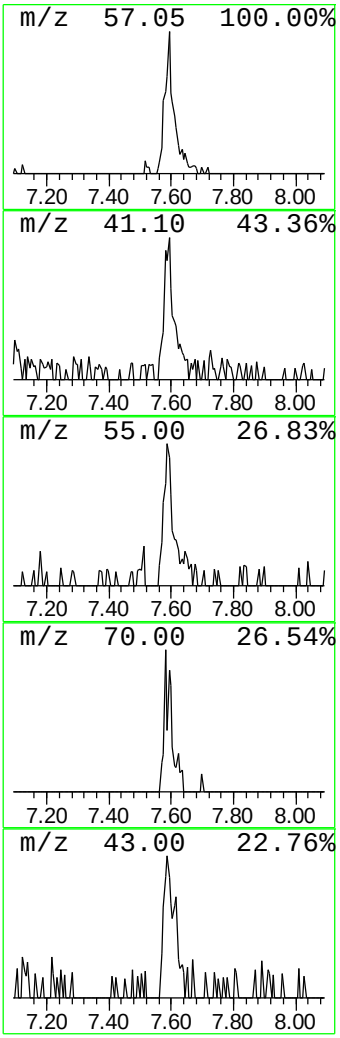
Peak Number 1 (DEL) Alkane: Cyclic7.59 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.59 | 2.78 ng/ul | 80704 | 1,4-Dichlorobenzene-d4 | 7.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentene, 4,4-dimethyl- | 98 | C7H14 | 000762-62-9 | 43 |
| 2 | Cyclopropane, 1-(2-methylbutyl)-... | 168 | C12H24 | 064723-36-0 | 25 |
| 3 | Carbonic acid, allyl 2-ethylhexy... | 214 | C12H22O3 | 1000357-80-6 | 17 |
| 4 | 1-Hexene, 4-methyl- | 98 | C7H14 | 003769-23-1 | 17 |
| 5 | 1-Penten-3-ol | 86 | C5H10O | 000616-25-1 | 12 |



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Quant Title : SVOA CALIBRATION

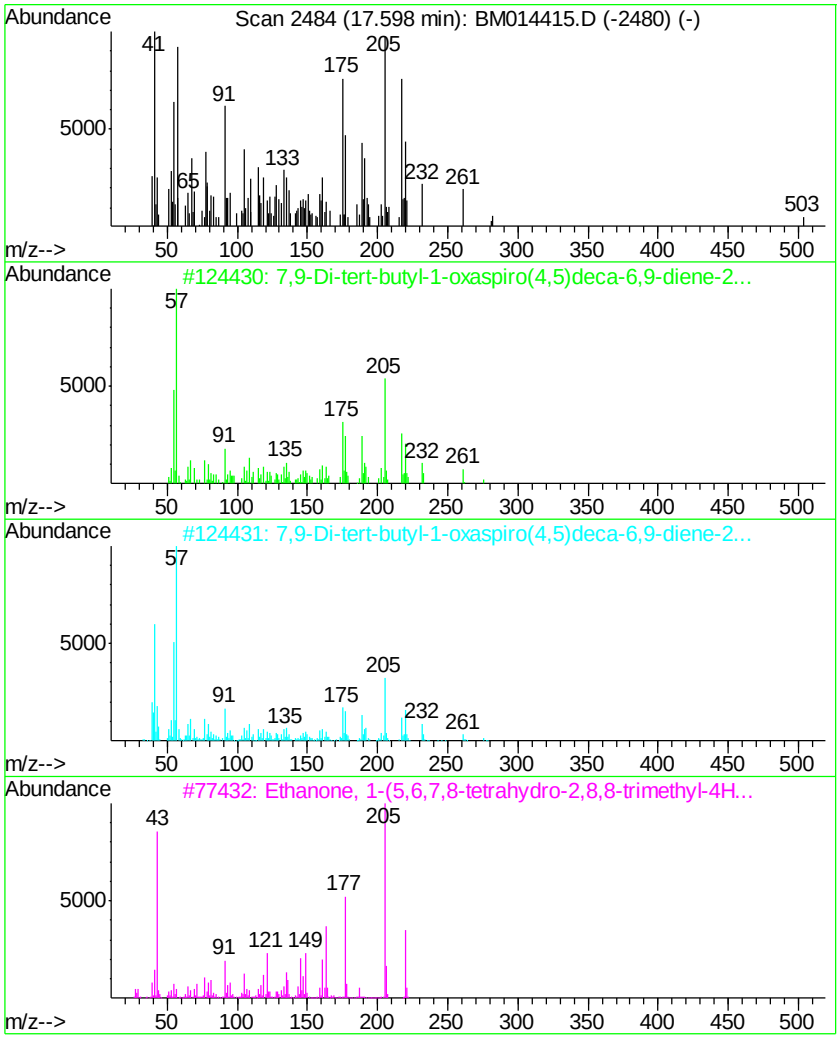
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

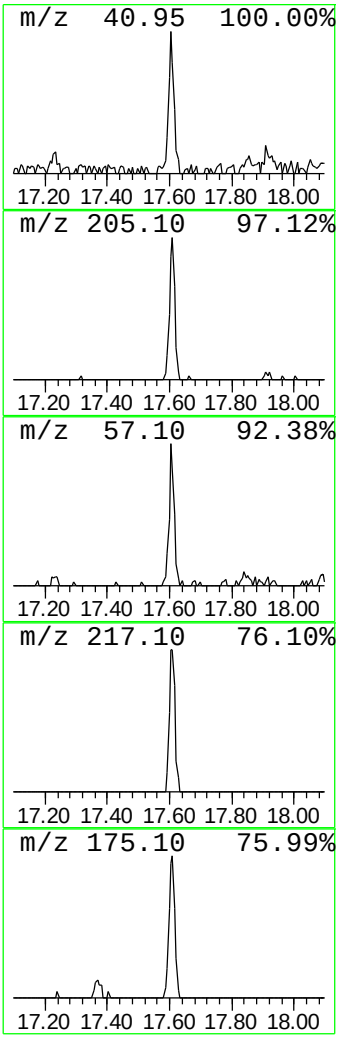
**********

Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.60 | 3.29 ng/ul | 292984 | Phenanthrene-d10 | 16.93 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 93 |
| 2 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 70 |
| 3 | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2 | 071596-88-8 | 56 |
| 4 | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232 | C16H24O | 006738-27-8 | 42 |
| 5 | 9-Acetylphenanthrene | 220 | C16H12O | 002039-77-2 | 38 |



Tentatively Identified Compound (LSC) summary

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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: Cyc... | 7.59 | 2.8 | ng/ul | 80704 | 1 | 7.52 | 579685 | 20.0 |
| 7,9-Di-tert-butyl... | 17.60 | 3.3 | ng/ul | 292984 | 4 | 16.93 | 1779180 | 20.0 |