LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058663.D
Acq On : 9 Aug 2023 17:58
Operator : MA/JU
Sample : 03939-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ORA-1745-1746-1747

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\Methods\8270-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058663.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.909 | 304 | 310 | 316 | rBV | 24486 | 37320 | 1.47% | 0.305% |
| 2 | 5.385 | 384 | 391 | 406 | rBV | 667913 | 1033398 | 40.80% | 8.435% |
| 3 | 6.983 | 655 | 663 | 675 | rBV | 638140 | 1096163 | 43.28% | 8.947% |
| 4 | 7.812 | 798 | 804 | 813 | rBV | 134451 | 227084 | 8.97% | 1.854% |
| 5 | 8.975 | 995 | 1002 | 1016 | rBV | 356249 | 653612 | 25.81% | 5.335% |
| 6 | 10.614 | 1271 | 1281 | 1293 | rBV | 177417 | 336444 | 13.28% | 2.746% |
| 7 | 13.076 | 1693 | 1700 | 1723 | rBV | 921662 | 1480482 | 58.45% | 12.084% |
| 8 | 13.346 | 1740 | 1746 | 1752 | rBV | 54531 | 86775 | 3.43% | 0.708% |
| 9 | 14.457 | 1926 | 1935 | 1943 | rBV | 336867 | 535424 | 21.14% | 4.370% |
| 10 | 15.949 | 2183 | 2189 | 2207 | rBV | 869691 | 1450353 | 57.26% | 11.838% |
| 11 | 17.206 | 2396 | 2403 | 2415 | rBV | 462165 | 737930 | 29.14% | 6.023% |
| 12 | 18.094 | 2548 | 2554 | 2563 | rBV2 | 33976 | 68984 | 2.72% | 0.563% |
| 13 | 19.034 | 2711 | 2714 | 2724 | rVB2 | 29350 | 43014 | 1.70% | 0.351% |
| 14 | 19.821 | 2842 | 2848 | 2858 | rBV | 1840226 | 2532739 | 100.00% | 20.673% |
| 15 | 21.102 | 3061 | 3066 | 3079 | rBV2 | 52558 | 141160 | 5.57% | 1.152% |
| 16 | 21.449 | 3118 | 3125 | 3140 | rBV | 455828 | 796040 | 31.43% | 6.497% |
| 17 | 21.619 | 3150 | 3154 | 3160 | rVB | 18180 | 27197 | 1.07% | 0.222% |
| 18 | 22.195 | 3247 | 3252 | 3257 | rBV2 | 18780 | 31001 | 1.22% | 0.253% |
| 19 | 22.847 | 3359 | 3363 | 3371 | rVB2 | 15806 | 30048 | 1.19% | 0.245% |
| 20 | 23.611 | 3487 | 3493 | 3498 | rBV4 | 15907 | 29725 | 1.17% | 0.243% |
| 21 | 24.516 | 3636 | 3647 | 3665 | rBV | 269224 | 876611 | 34.61% | 7.155% |

Sum of corrected areas: 12251504

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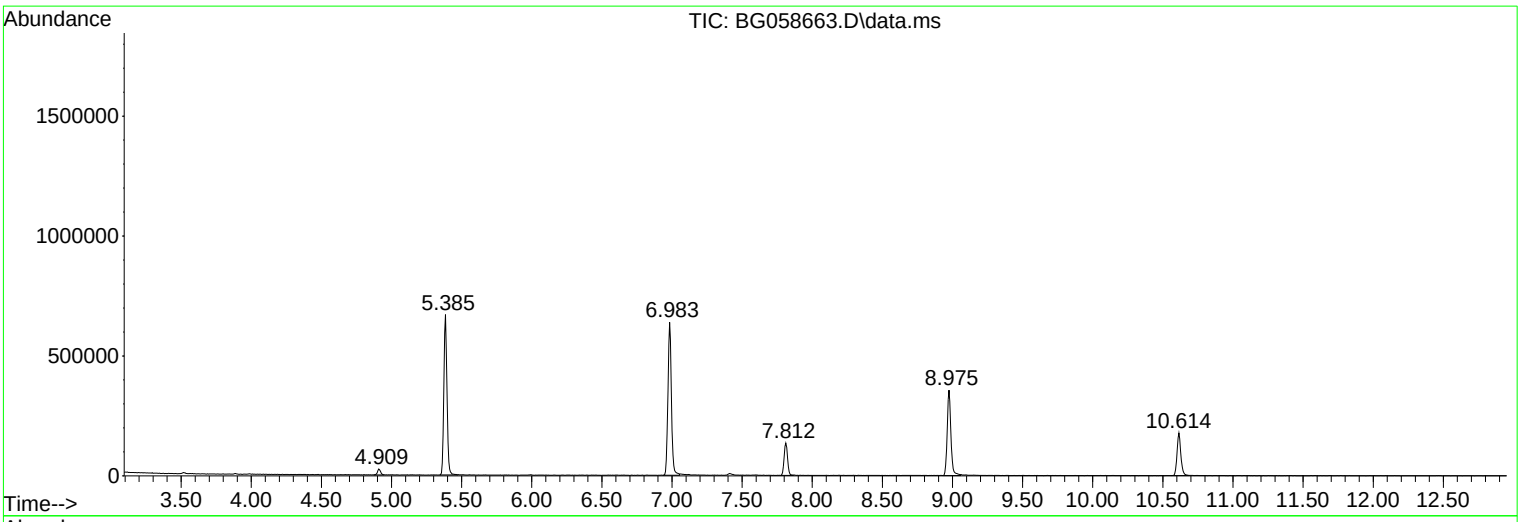
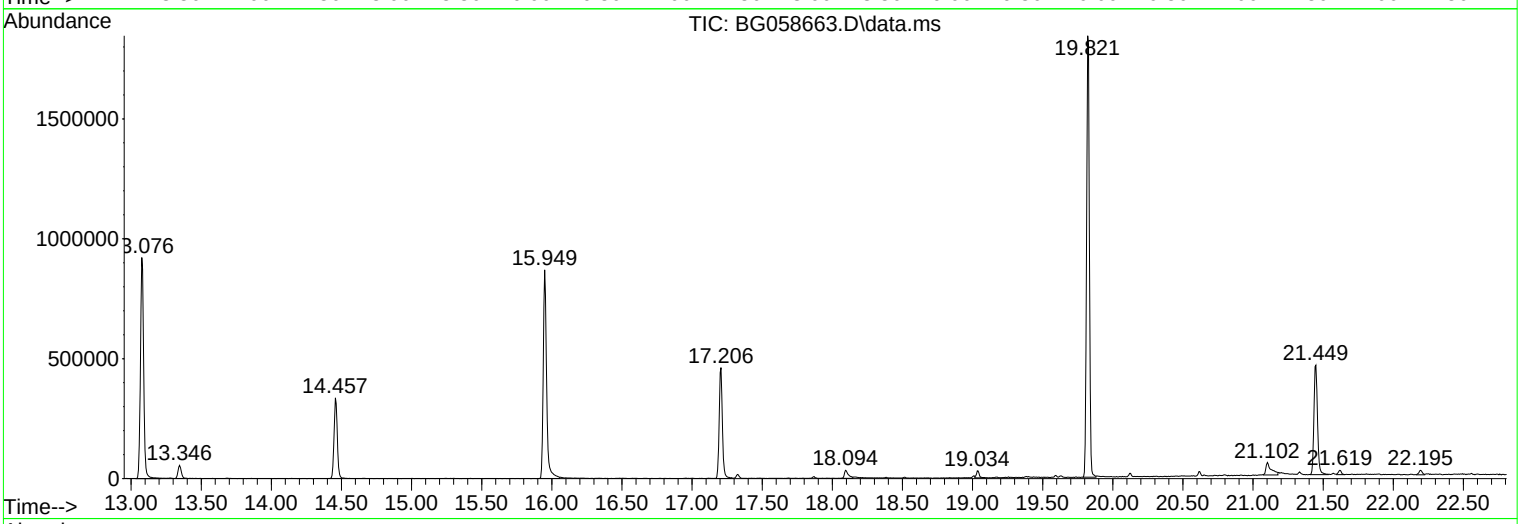
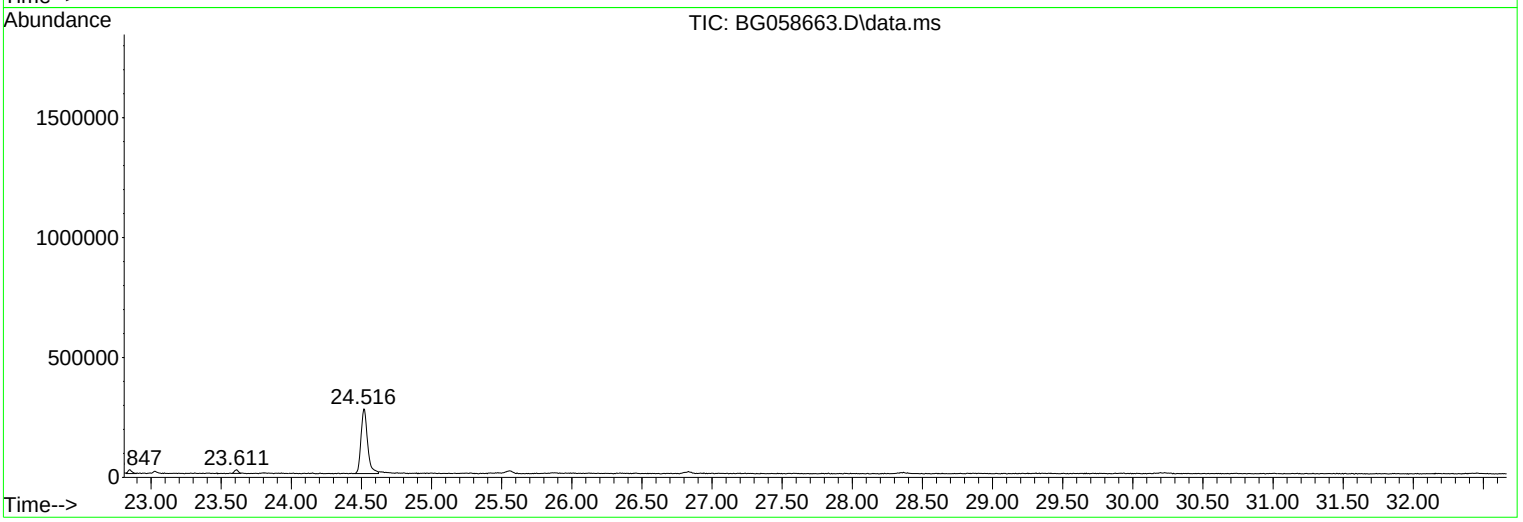
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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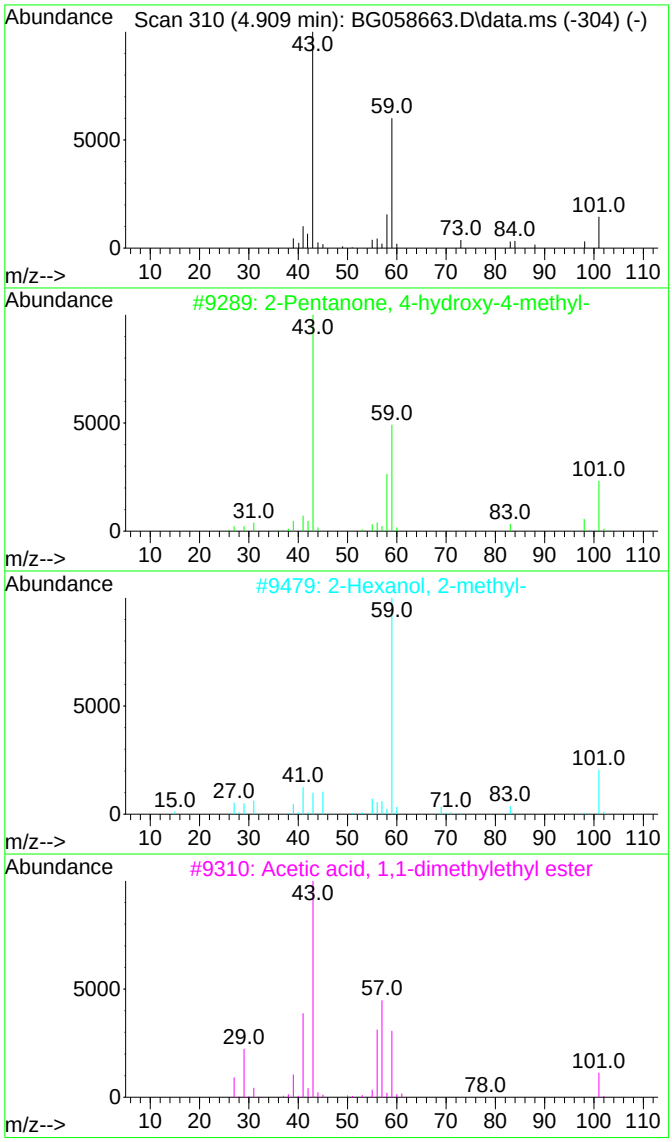
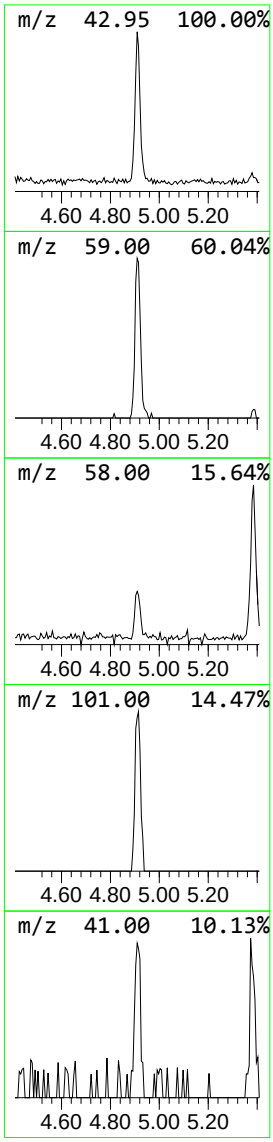
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.909 | 3.29 ng | 37320 | 1,4-Dichlorobenzene-d4 | 7.812 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 38 |
| 2 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 38 |
| 3 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 25 |
| 4 | Butane, 2-methoxy- | 88 | C5H12O | 006795-87-5 | 9 |
| 5 | 2-Propyn-1-ol, acetate | 98 | C5H6O2 | 000627-09-8 | 9 |



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**Instrument :**
BNA_G
**ClientSampleId :**
ORA-1745-1746-1747

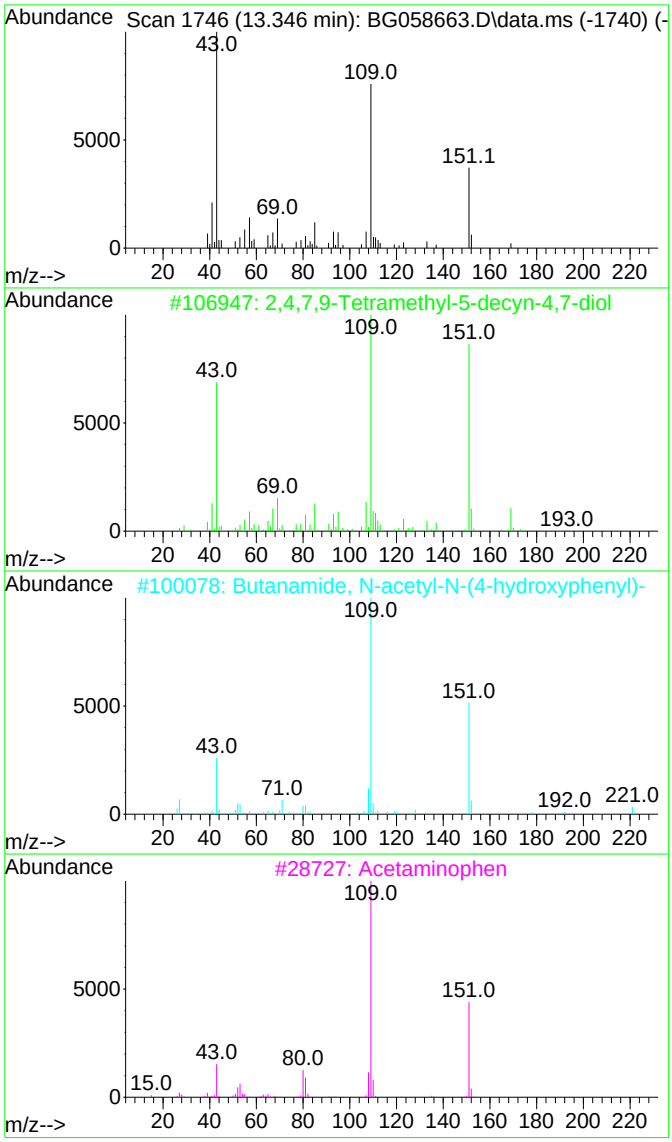
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

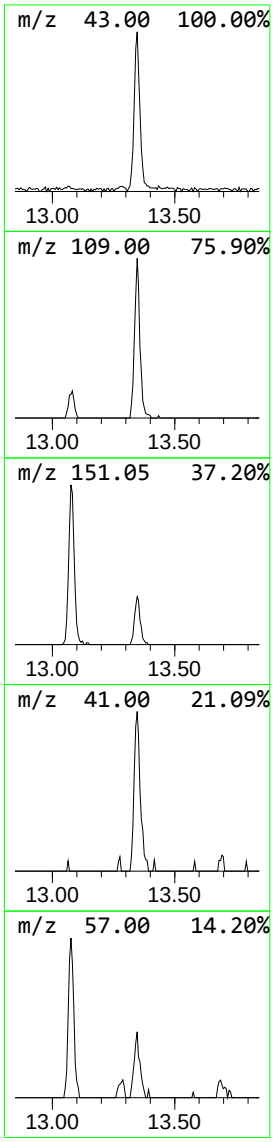
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.346 | 3.24 ng | 86775 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 91 |
| 2 | Butanamide, N-acetyl-N-(4-hydrox... | 221 | C12H15NO3 | 1000107-08-7 | 59 |
| 3 | Acetaminophen | 151 | C8H9NO2 | 000103-90-2 | 53 |
| 4 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 53 |
| 5 | Benzenamine, 4-propoxy- | 151 | C9H13NO | 004469-80-1 | 53 |



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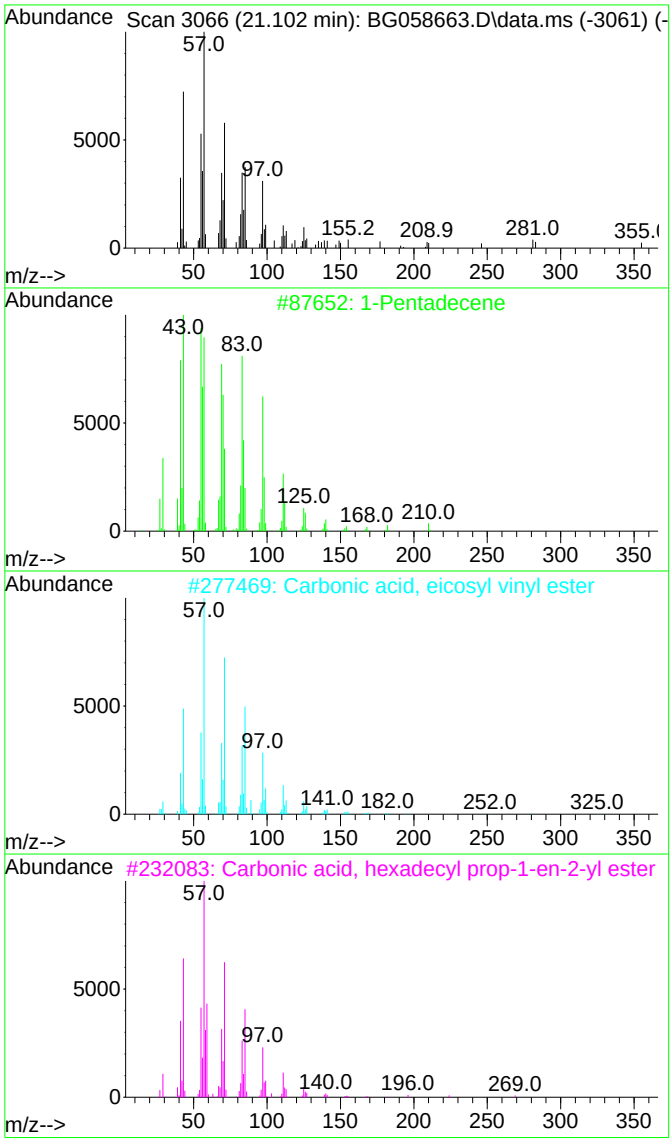
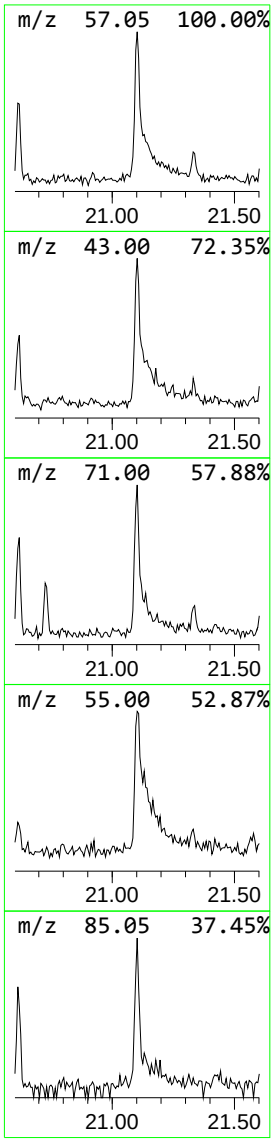
**********

Peak Number 3 1-Pentadecene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.102 | 3.55 ng | 141160 | Chrysene-d12 | 21.449 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentadecene | 210 | C15H30 | 013360-61-7 | 90 |
| 2 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 87 |
| 3 | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 87 |
| 4 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 87 |
| 5 | Oxalic acid, isobutyl pentadecyl... | 356 | C21H40O4 | 1000309-38-0 | 86 |



Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.909 | 3.3 | ng | 37320 | 1 | 7.812 | 227084 | 20.0 |
| 2,4,7,9-Tetrame... | 13.346 | 3.2 | ng | 86775 | 3 | 14.457 | 535424 | 20.0 |
| 1-Pentadecene | 21.102 | 3.5 | ng | 141160 | 5 | 21.449 | 796040 | 20.0 |