LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
Data File : BF128133.D
Acq On : 06 May 2022 19:27
Operator : CG\JU
Sample : N2705-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
N48967

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_F\Methods\8270-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128133.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.216 | 324 | 328 | 340 | rBV | 28020 | 44229 | 1.45% | 0.270% |
| 2 | 5.522 | 546 | 550 | 559 | rVB | 1318146 | 1138354 | 37.24% | 6.946% |
| 3 | 5.786 | 591 | 595 | 600 | rBV | 55986 | 49564 | 1.62% | 0.302% |
| 4 | 6.528 | 717 | 721 | 730 | rBV | 776275 | 736926 | 24.11% | 4.496% |
| 5 | 6.904 | 781 | 785 | 788 | rBV | 586423 | 475474 | 15.56% | 2.901% |
| 6 | 7.469 | 876 | 881 | 884 | rBV | 1690646 | 1801771 | 58.95% | 10.994% |
| 7 | 8.186 | 999 | 1003 | 1006 | rBV | 761574 | 621872 | 20.35% | 3.794% |
| 8 | 9.263 | 1180 | 1186 | 1189 | rBV | 3448857 | 3056521 | 100.00% | 18.649% |
| 9 | 9.863 | 1283 | 1288 | 1292 | rBV | 65628 | 58261 | 1.91% | 0.355% |
| 10 | 9.945 | 1297 | 1302 | 1305 | rBV | 886475 | 724778 | 23.71% | 4.422% |
| 11 | 10.363 | 1367 | 1373 | 1376 | rBV | 96663 | 85414 | 2.79% | 0.521% |
| 12 | 10.580 | 1404 | 1410 | 1413 | rBV | 36961 | 51978 | 1.70% | 0.317% |
| 13 | 10.739 | 1432 | 1437 | 1440 | rBV | 2261503 | 2049403 | 67.05% | 12.504% |
| 14 | 10.833 | 1450 | 1453 | 1463 | rVB | 105261 | 128796 | 4.21% | 0.786% |
| 15 | 11.286 | 1527 | 1530 | 1532 | rBV | 78622 | 66906 | 2.19% | 0.408% |
| 16 | 11.433 | 1551 | 1555 | 1559 | rBV | 836795 | 792623 | 25.93% | 4.836% |
| 17 | 11.710 | 1600 | 1602 | 1605 | rVB | 75238 | 57281 | 1.87% | 0.350% |
| 18 | 12.115 | 1669 | 1671 | 1674 | rBV | 53800 | 47205 | 1.54% | 0.288% |
| 19 | 12.510 | 1735 | 1738 | 1740 | rVB | 48490 | 38583 | 1.26% | 0.235% |
| 20 | 13.027 | 1821 | 1826 | 1829 | rBV | 3113873 | 2996949 | 98.05% | 18.286% |
| 21 | 13.868 | 1965 | 1969 | 1972 | rBV | 42181 | 48525 | 1.59% | 0.296% |
| 22 | 13.909 | 1972 | 1976 | 1980 | rVB | 61180 | 57431 | 1.88% | 0.350% |
| 23 | 14.080 | 2001 | 2005 | 2009 | rBV | 764381 | 681771 | 22.31% | 4.160% |
| 24 | 15.192 | 2190 | 2194 | 2199 | rBV | 33460 | 35094 | 1.15% | 0.214% |
| 25 | 15.580 | 2255 | 2260 | 2269 | rBV | 419506 | 543684 | 17.79% | 3.317% |

Sum of corrected areas: 16389393

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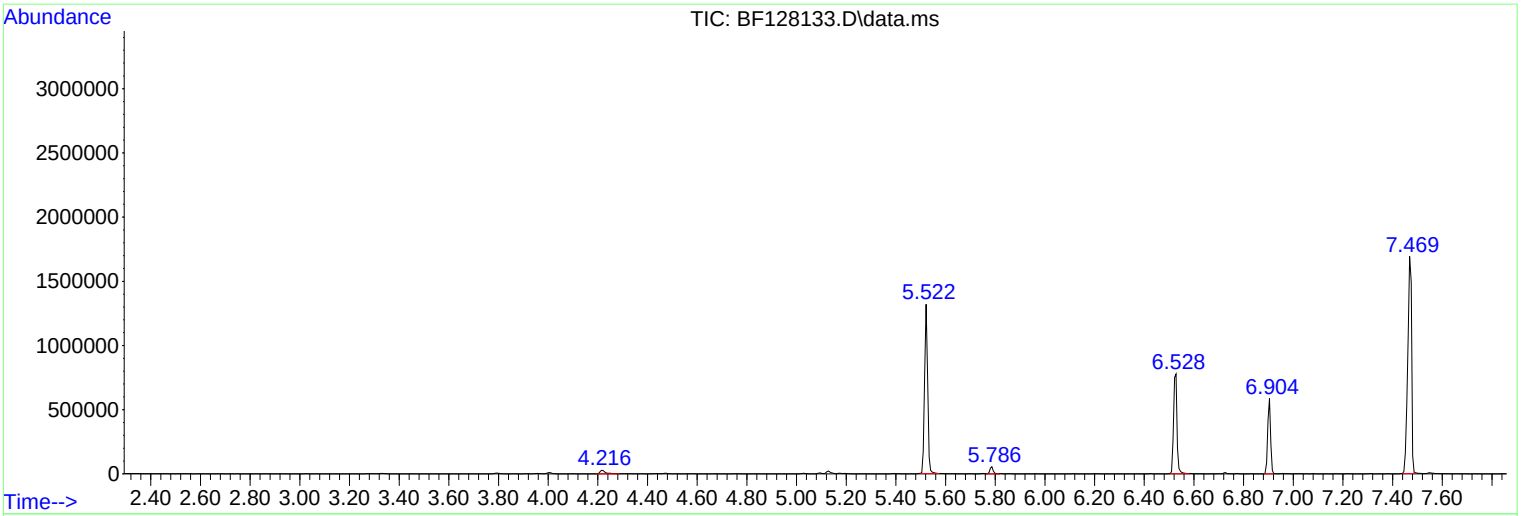
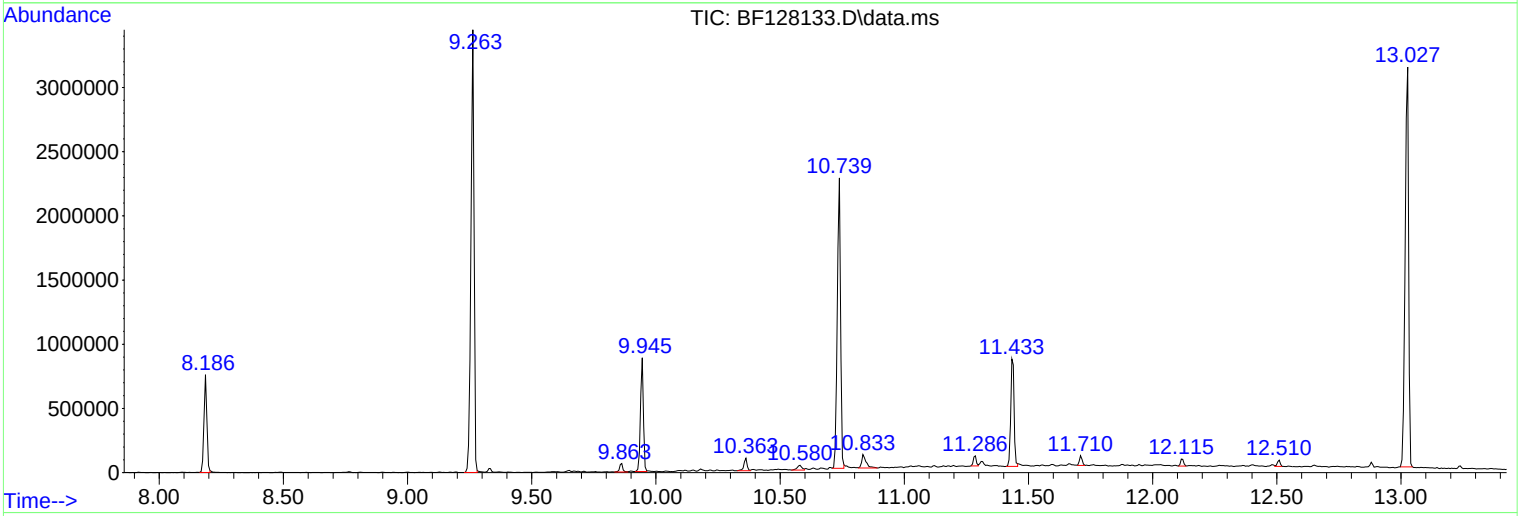
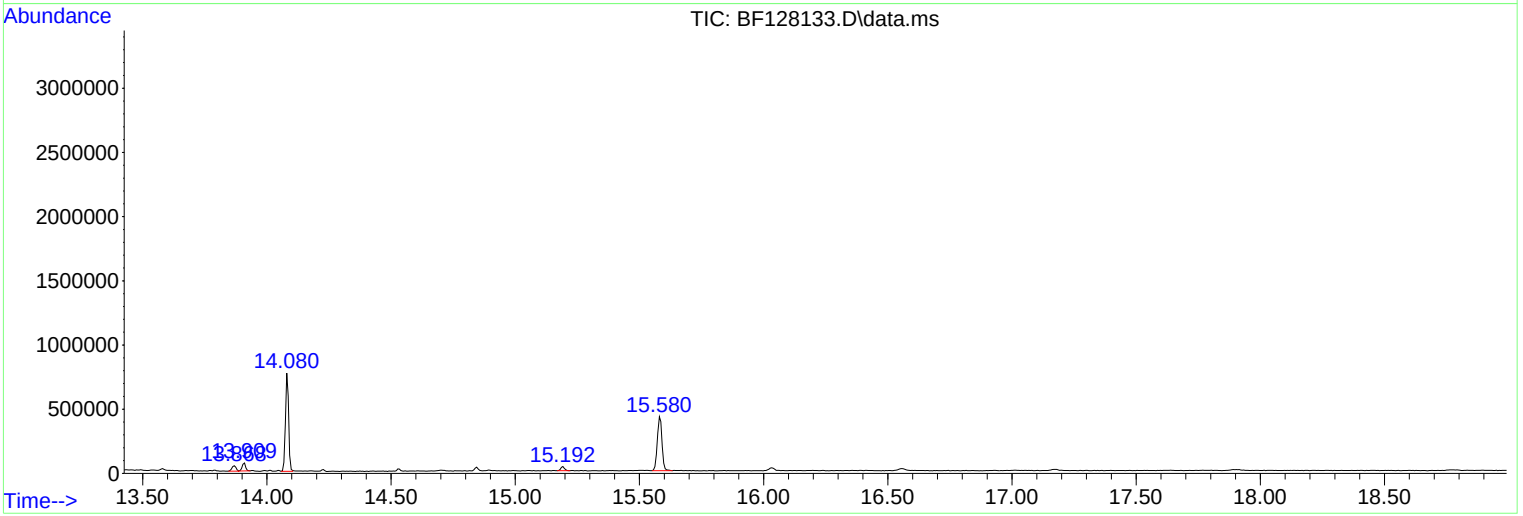
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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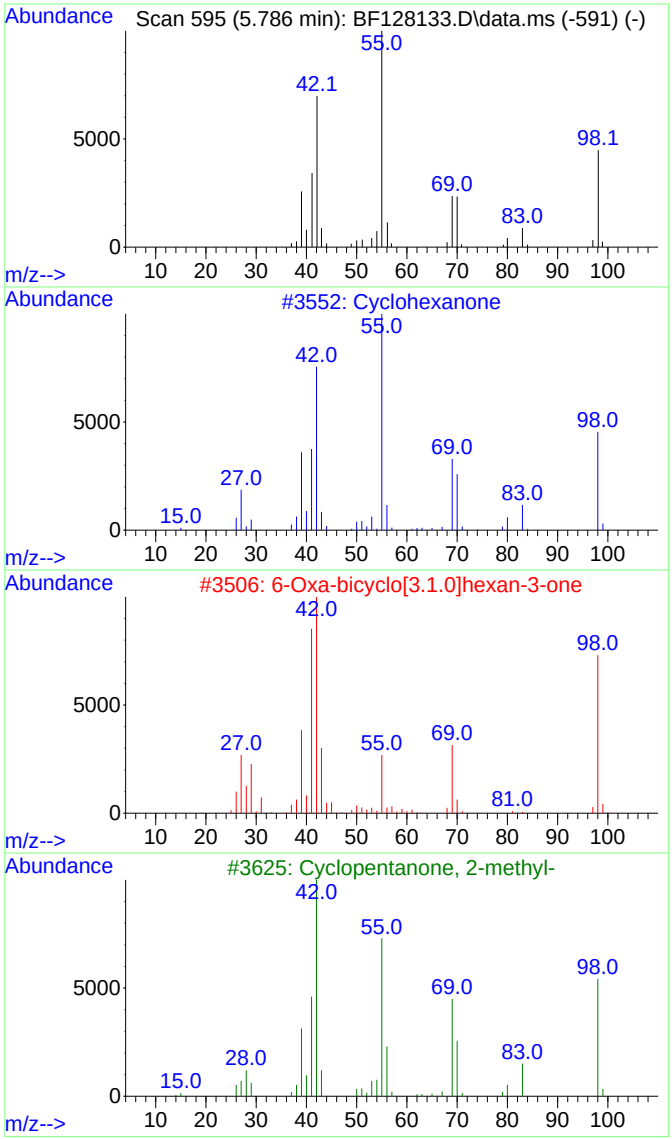
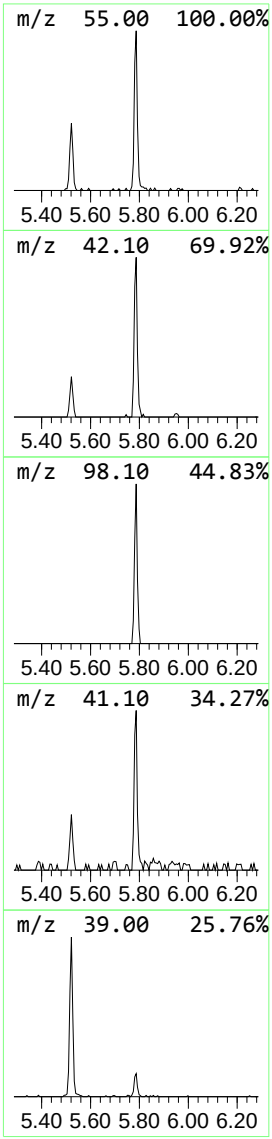
Peak Number 1 Cyclohexanone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.786 | 2.08 ng | 49564 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone | 98 | C6H10O | 000108-94-1 | 94 |
| 2 | 6-Oxa-bicyclo[3.1.0]hexan-3-one | 98 | C5H6O2 | 074017-10-0 | 49 |
| 3 | Cyclopentanone, 2-methyl- | 98 | C6H10O | 001120-72-5 | 47 |
| 4 | 2-Pentene | 70 | C5H10 | 000109-68-2 | 43 |
| 5 | 3-Penten-2-one, 3-methyl- | 98 | C6H10O | 000565-62-8 | 43 |



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

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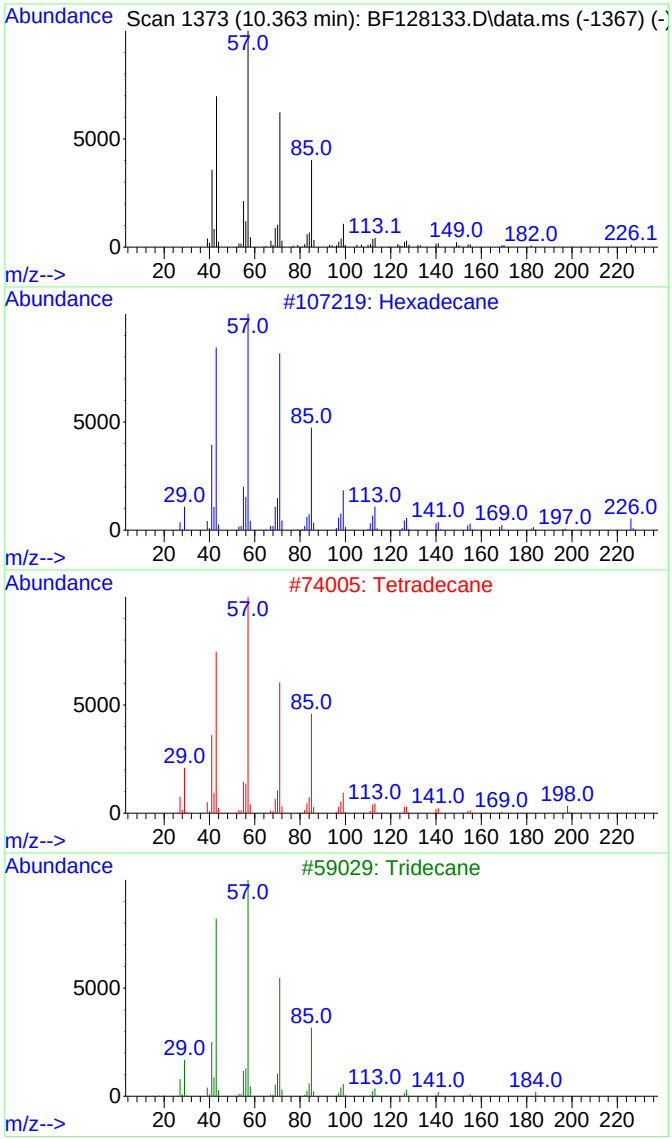
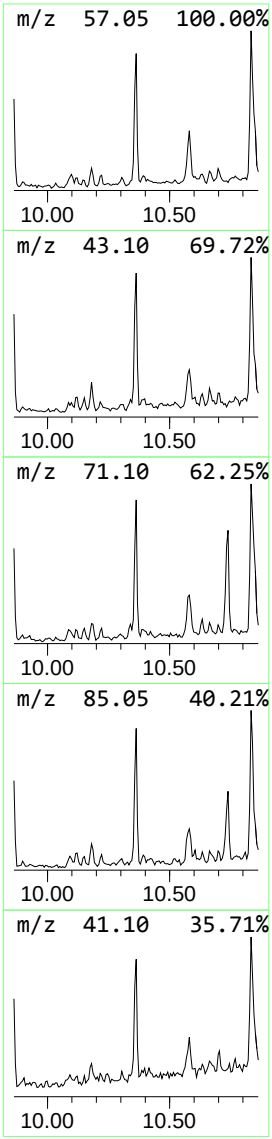
Peak Number 2 Hexadecane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.363 | 2.36 ng | 85414 | Acenaphthene-d10 | 9.945 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 5 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86 |



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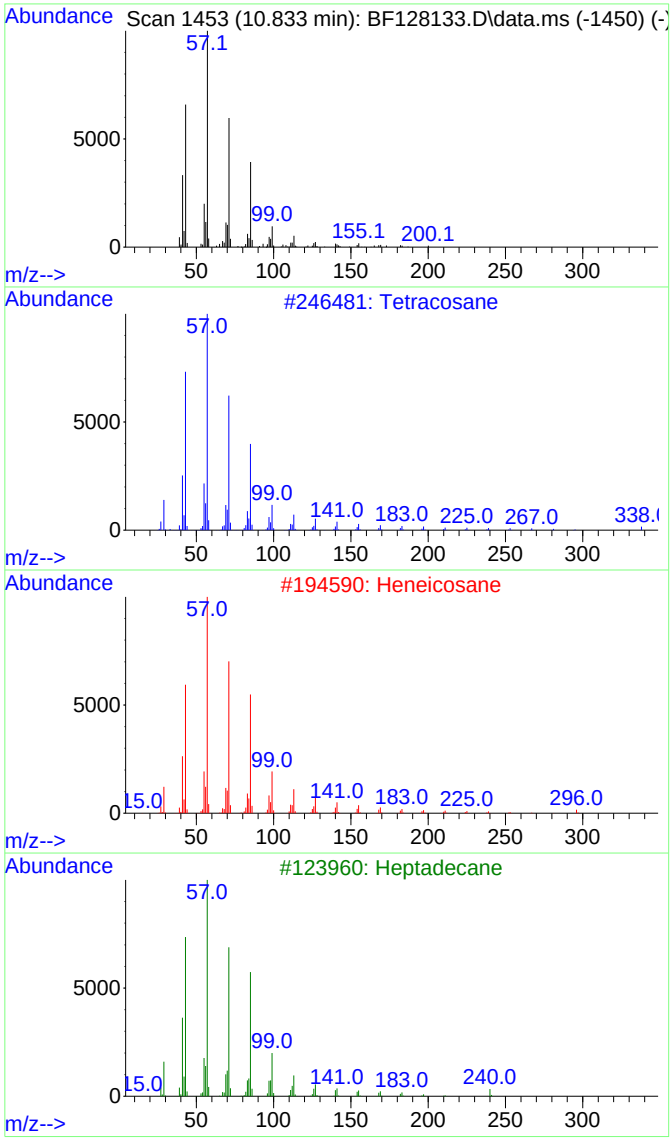
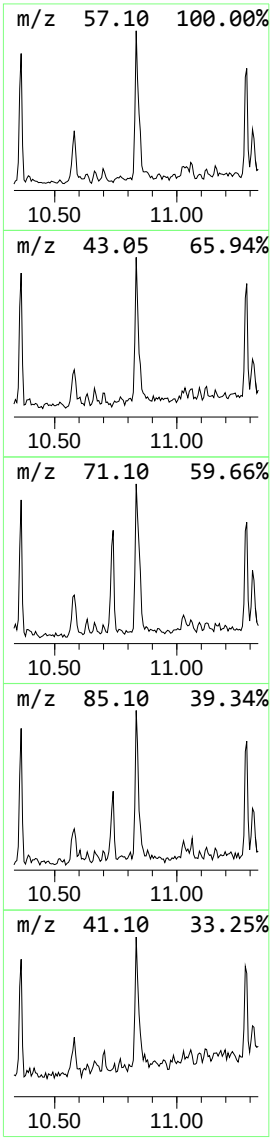
Peak Number 3 Tetracosane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.833 | 3.25 ng | 128796 | Phenanthrene-d10 | 11.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 83 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 80 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Cyclohexanone | 5.786 | 2.1 | ng | 49564 | 1 | 6.904 | 475474 | 20.0 |
| Hexadecane | 10.363 | 2.4 | ng | 85414 | 3 | 9.945 | 724778 | 20.0 |
| Tetracosane | 10.833 | 3.3 | ng | 128796 | 4 | 11.433 | 792623 | 20.0 |