LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102219\
Data File : BP000961.D
Acq On : 22 Oct 2019 23:30
Operator : JU
Sample : K5378-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0004

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\SOM-EPA-BP100919MA.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	2.346	41	44	58	rBV	19812	30041	1.53%	0.147%
2	3.705	271	275	277	rBV2	1463	2219	0.11%	0.011%
3	3.740	277	281	289	rVB	5522	8871	0.45%	0.043%
4	4.999	492	495	505	rVB7	1456	3310	0.17%	0.016%
5	6.052	671	674	680	rBV4	2591	3670	0.19%	0.018%
6	6.375	726	729	734	rBV	513745	535733	27.37%	2.618%
7	6.422	734	737	749	rVV	522227	448452	22.91%	2.192%
8	6.510	749	752	762	rVB	765924	611930	31.27%	2.991%
9	6.740	787	791	800	rBV	619330	552410	28.23%	2.700%
10	6.805	800	802	809	rVB3	2167	3278	0.17%	0.016%
11	7.122	853	856	872	rBV	657836	656439	33.54%	3.208%
12	7.234	872	875	879	rVV3	2507	3454	0.18%	0.017%
13	7.299	882	886	893	rVV	641173	499619	25.53%	2.442%
14	7.387	897	901	905	rVB2	4376	4117	0.21%	0.020%
15	7.510	919	922	926	rVB	11668	10358	0.53%	0.051%
16	7.622	938	941	954	rBV	497432	450034	22.99%	2.199%
17	7.828	969	976	980	rBV9	1430	3633	0.19%	0.018%
18	7.875	980	984	1005	rVV	914351	872270	44.57%	4.263%
19	8.022	1005	1009	1012	rVV	977013	772489	39.47%	3.775%
20	8.081	1016	1019	1033	rVB	565999	504081	25.76%	2.464%
21	8.346	1061	1064	1072	rBV5	1366	2678	0.14%	0.013%
22	8.710	1123	1126	1131	rVB	10618	11350	0.58%	0.055%
23	8.804	1139	1142	1146	rBV4	2175	2490	0.13%	0.012%
24	9.040	1180	1182	1188	rVB7	1363	2125	0.11%	0.010%
25	9.093	1188	1191	1196	rVB3	1987	2283	0.12%	0.011%
26	9.222	1209	1213	1216	rVB4	2352	3031	0.15%	0.015%
27	9.440	1246	1250	1253	rBV3	3003	3896	0.20%	0.019%
28	9.475	1253	1256	1259	rVV	1307301	1220628	62.37%	5.966%
29	9.498	1259	1260	1264	rVB	716617	473593	24.20%	2.315%
30	9.628	1278	1282	1286	rBV	1836665	1506671	76.98%	7.363%
31	9.722	1295	1298	1303	rVB2	3091	3072	0.16%	0.015%
32	9.787	1305	1309	1312	rBV	1225824	994403	50.81%	4.860%
33	9.904	1326	1329	1342	rBV	222860	307537	15.71%	1.503%
34	9.998	1342	1345	1348	rVB3	16241	13712	0.70%	0.067%

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Misc :
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Instrument : BNA_P
ClientSampleId : C0004

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

35	10.204	1376	1380	1382	rBV2	3744	4106	0.21%	0.020%
36	10.228	1382	1384	1388	rVB2	5280	3529	0.18%	0.017%
37	10.310	1394	1398	1401	rBV	1645727	1483271	75.79%	7.249%
38	10.387	1407	1411	1417	rBV	258106	256909	13.13%	1.256%
39	10.434	1417	1419	1425	rVV	23699	24502	1.25%	0.120%
40	10.498	1428	1430	1434	rVB5	2203	2643	0.14%	0.013%
41	10.616	1448	1450	1454	rBV3	2848	3377	0.17%	0.017%
42	10.704	1463	1465	1468	rBV3	3190	2929	0.15%	0.014%
43	10.734	1468	1470	1474	rVV2	9415	7763	0.40%	0.038%
44	10.798	1478	1481	1485	rVB3	2272	2627	0.13%	0.013%
45	10.851	1488	1490	1493	rVB2	3280	2758	0.14%	0.013%
46	11.098	1528	1532	1535	rBV2	3180	3133	0.16%	0.015%
47	11.157	1539	1542	1549	rVB2	6211	8419	0.43%	0.041%
48	11.281	1559	1563	1567	rBV	1354190	1092156	55.80%	5.338%
49	11.340	1569	1573	1576	rBV	1661460	1446752	73.92%	7.071%
50	11.504	1599	1601	1605	rVB3	2742	3205	0.16%	0.016%
51	11.828	1652	1656	1670	rBV2	88004	131950	6.74%	0.645%
52	12.004	1681	1686	1691	rVB5	2656	4459	0.23%	0.022%
53	12.245	1724	1727	1731	rVB5	3350	3787	0.19%	0.019%
54	12.287	1731	1734	1736	rBV3	1643	2072	0.11%	0.010%
55	12.316	1736	1739	1741	rBV4	2626	3886	0.20%	0.019%
56	12.392	1749	1752	1755	rVB3	3003	2796	0.14%	0.014%
57	12.440	1758	1760	1763	rBV3	2879	2327	0.12%	0.011%
58	12.492	1766	1769	1774	rVB	17921	16600	0.85%	0.081%
59	12.622	1788	1791	1793	rBV3	12383	13793	0.70%	0.067%
60	12.651	1793	1796	1804	rVV	25626	34301	1.75%	0.168%
61	12.722	1804	1808	1812	rVV	2161776	1957109	100.00%	9.565%
62	12.769	1814	1816	1818	rVV	8114	8113	0.41%	0.040%
63	12.792	1818	1820	1823	rVB3	5161	4475	0.23%	0.022%
64	13.128	1874	1877	1881	rBV2	11537	13796	0.70%	0.067%
65	13.375	1912	1919	1927	rBV	60051	70505	3.60%	0.345%
66	13.475	1934	1936	1939	rBV	16752	12714	0.65%	0.062%
67	13.692	1967	1973	1976	rBV8	3376	5052	0.26%	0.025%
68	13.816	1990	1994	2002	rBV	118448	216810	11.08%	1.060%
69	13.957	2014	2018	2032	rVB	1008456	871523	44.53%	4.259%
70	14.128	2044	2047	2051	rBV	17385	17472	0.89%	0.085%
71	14.439	2097	2100	2103	rBV	27754	24911	1.27%	0.122%

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72	14.598	2124	2127	2130	rBV	13657	11857	0.61%	0.058%
73	14.745	2149	2152	2156	rVB	27675	26850	1.37%	0.131%
74	14.822	2161	2165	2169	rBV	32532	31230	1.60%	0.153%
75	14.892	2174	2177	2183	rVB7	4035	5204	0.27%	0.025%
76	14.957	2185	2188	2192	rVB	14260	14121	0.72%	0.069%
77	15.086	2206	2210	2216	rBV2	30620	38682	1.98%	0.189%
78	15.345	2248	2254	2263	rBV	901171	1143062	58.41%	5.586%
79	15.433	2263	2269	2273	rBV	663893	802898	41.02%	3.924%
80	15.898	2343	2348	2355	rBV	25009	40843	2.09%	0.200%
81	15.992	2360	2364	2367	rBV4	9233	15426	0.79%	0.075%
82	16.404	2429	2434	2440	rVB2	15018	24748	1.26%	0.121%
83	16.992	2530	2534	2541	rVB4	7866	16057	0.82%	0.078%

Sum of corrected areas: 20461385

LSC Report - Integrated Chromatogram

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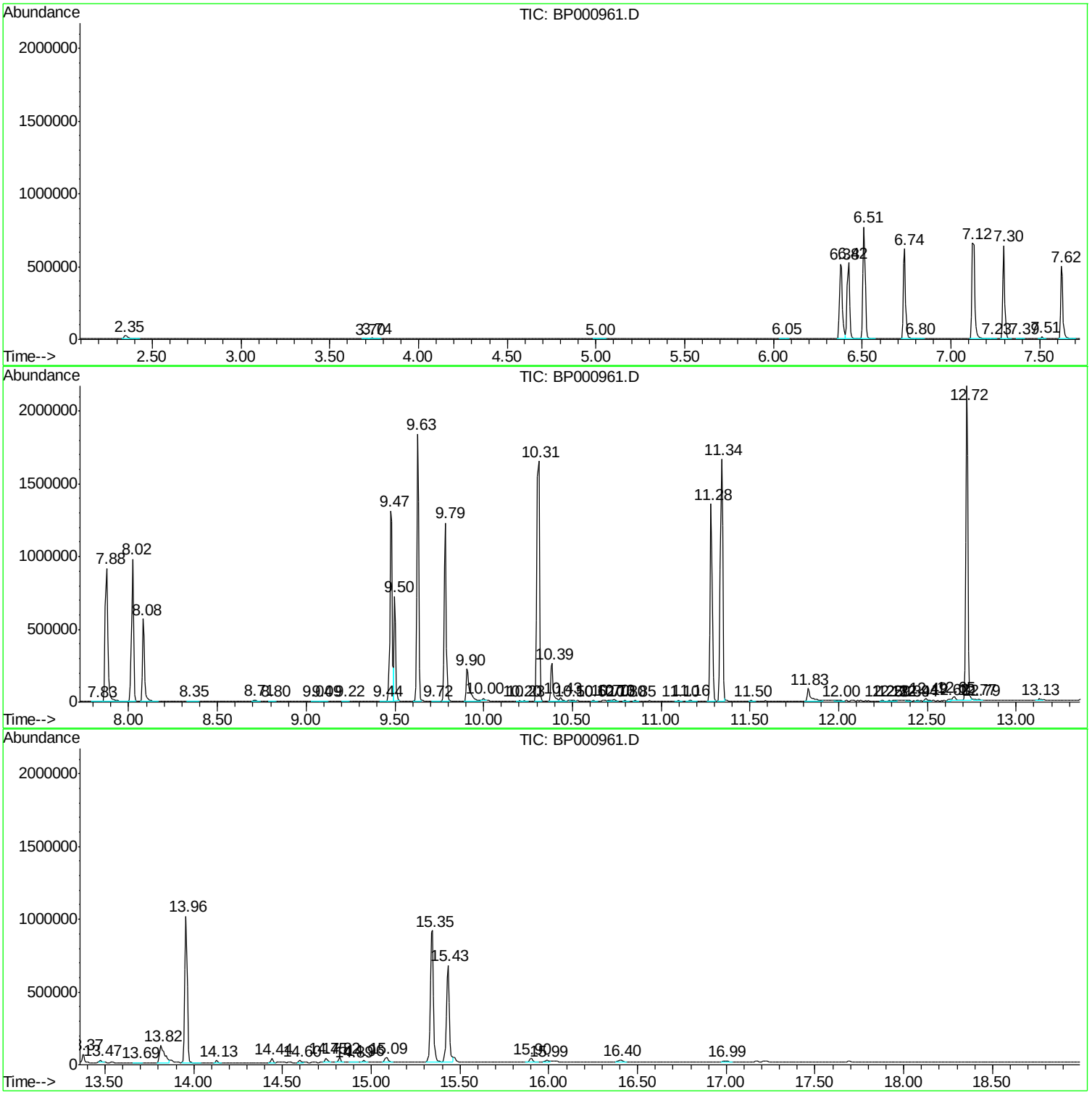
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102219\
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ClientSampleId : C0004

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Quant Title : SVOA CALIBRATION

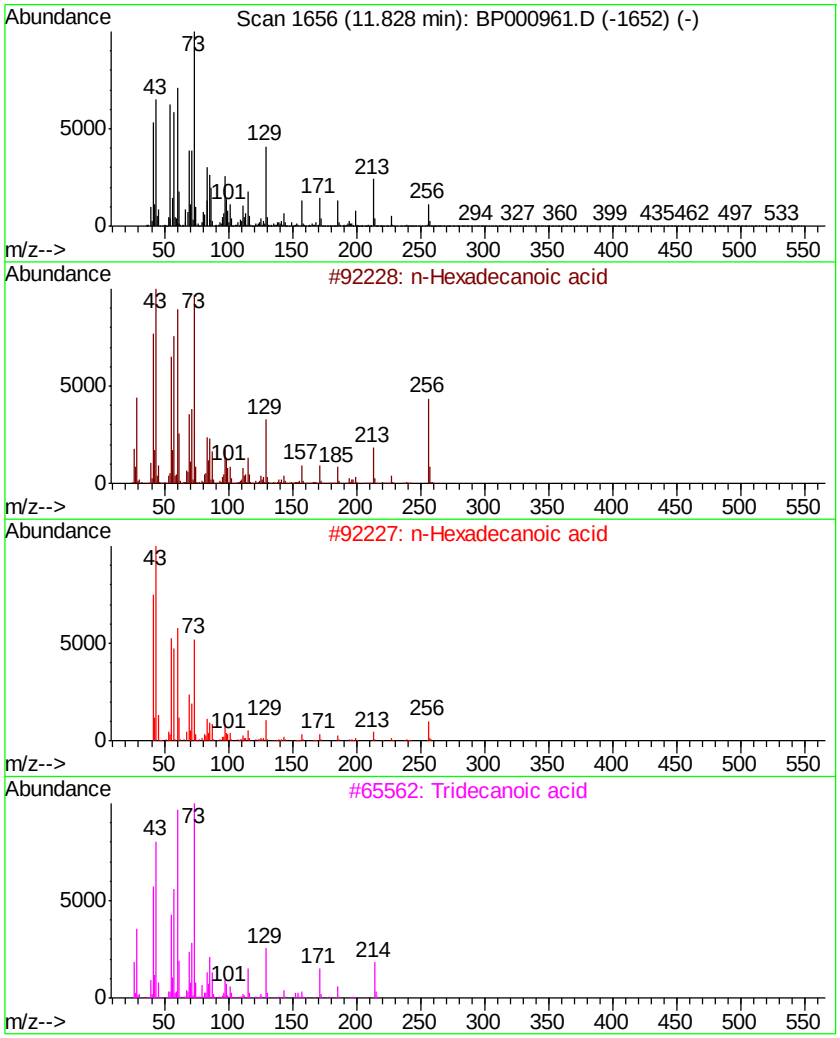
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

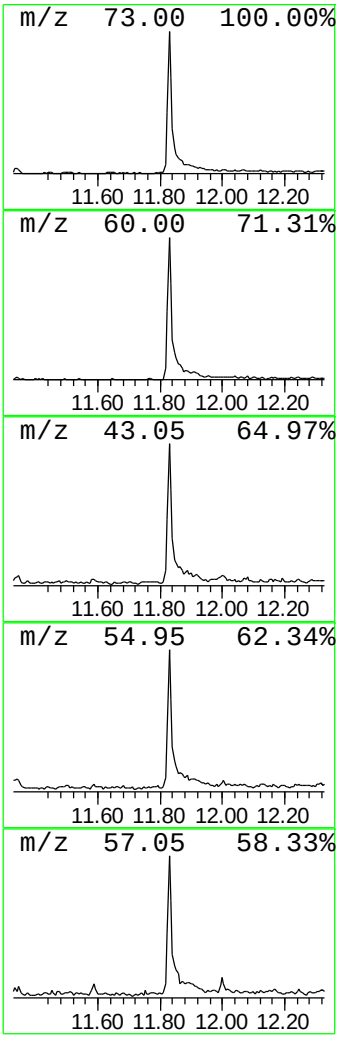
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.42 ng/ul	131950	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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Quant Title : SVOA CALIBRATION

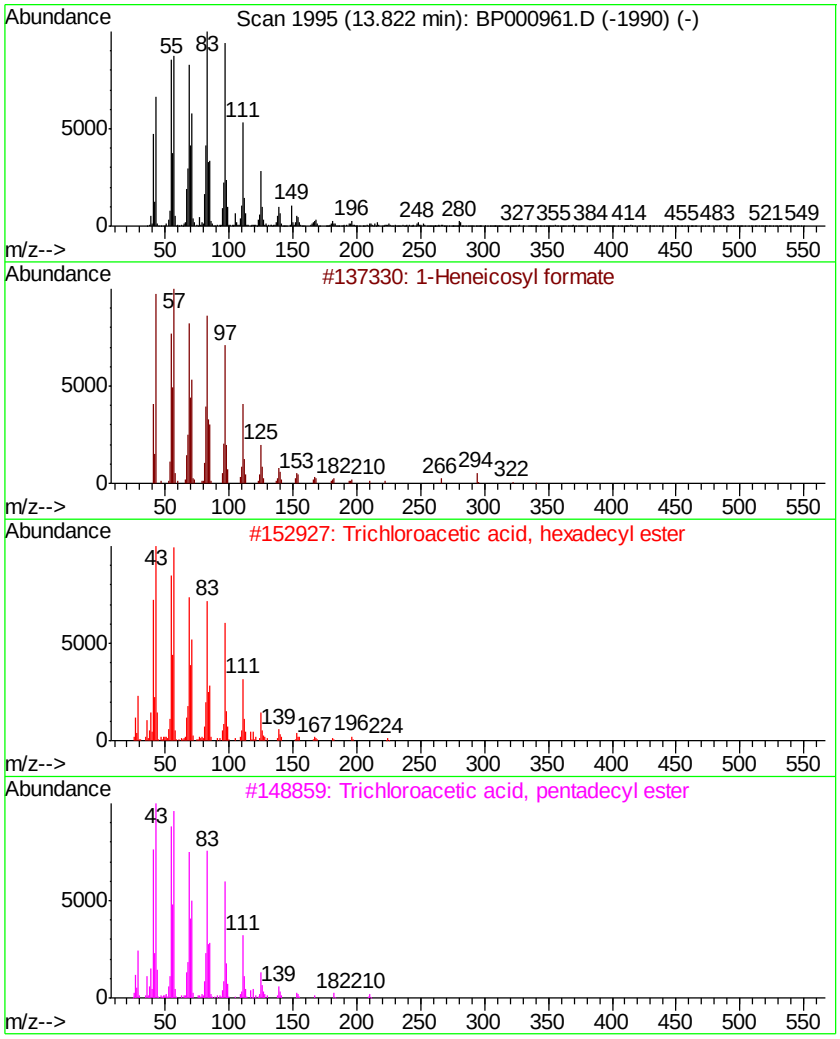
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

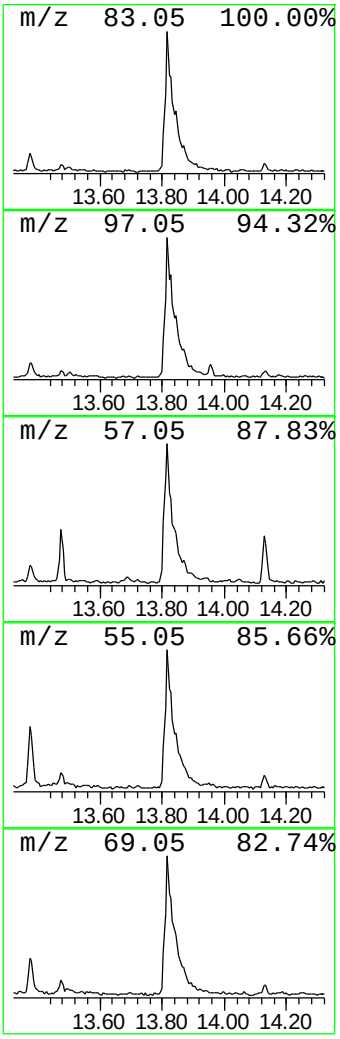
****

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.98 ng/ul	216810	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
5	1-Nonadecene	266	C19H38	018435-45-5	87





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
n-Hexadecanoic acid	11.83	2.4	ng/ul	131950	4	11.28	1092160	20.0
1-Heneicosyl formate	13.82	5.0	ng/ul	216810	5	13.96	871523	20.0