LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020453.D
Acq On : 21 May 2019 07:12
Operator : JU/SJ
Sample : K2788-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A3

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_M\METHODS\SOM-EPA-BM051619MA.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	6.899	660	665	680	rVB	237866	413631	24.94%	2.403%
2	7.075	690	695	709	rVB	182300	311744	18.80%	1.811%
3	7.263	721	727	735	rVB	272972	435185	26.24%	2.529%
4	7.734	801	807	815	rBV	334598	536318	32.34%	3.116%
5	8.440	921	927	939	rBV	230892	414315	24.99%	2.407%
6	8.898	999	1005	1016	rBV	218690	396507	23.91%	2.304%
7	9.234	1060	1062	1066	rVB4	6403	6766	0.41%	0.039%
8	9.616	1121	1127	1142	rBV	174649	307749	18.56%	1.788%
9	10.145	1211	1217	1229	rBV	281039	513793	30.98%	2.985%
10	10.522	1275	1281	1289	rBV	408424	693732	41.84%	4.031%
11	10.675	1301	1307	1323	rBV	128126	276253	16.66%	1.605%
12	12.122	1547	1553	1557	rVB4	2989	4793	0.29%	0.028%
13	13.792	1831	1837	1842	rBV	528774	745539	44.96%	4.332%
14	13.839	1842	1845	1856	rVB	208621	285190	17.20%	1.657%
15	14.080	1879	1886	1895	rBV	616201	911632	54.98%	5.297%
16	14.263	1913	1917	1920	rBV	2649	3041	0.18%	0.018%
17	14.386	1932	1938	1955	rVB2	619293	921275	55.56%	5.353%
18	14.610	1968	1976	1993	rBV2	83935	209450	12.63%	1.217%
19	14.722	1993	1995	1998	rVV3	4252	4633	0.28%	0.027%
20	14.780	2001	2005	2006	rVV4	2622	3166	0.19%	0.018%
21	14.798	2006	2008	2011	rVB3	3319	3300	0.20%	0.019%
22	15.216	2074	2079	2083	rBV2	4662	6076	0.37%	0.035%
23	15.380	2101	2107	2120	rBV	774055	1133796	68.37%	6.588%
24	15.527	2127	2132	2138	rBV2	36135	53890	3.25%	0.313%
25	15.621	2143	2148	2152	rVB4	7874	10823	0.65%	0.063%
26	15.927	2199	2200	2202	rVB2	2846	1834	0.11%	0.011%
27	15.957	2202	2205	2208	rBV4	1795	2408	0.15%	0.014%
28	16.080	2222	2226	2228	rBV4	4681	6965	0.42%	0.040%
29	16.163	2238	2240	2245	rBV4	2252	2648	0.16%	0.015%
30	16.286	2259	2261	2264	rVB3	4618	3937	0.24%	0.023%
31	16.321	2264	2267	2268	rBV2	2334	2236	0.13%	0.013%
32	16.421	2283	2284	2287	rBV3	2770	2311	0.14%	0.013%
33	16.527	2300	2302	2303	rBV2	3323	1850	0.11%	0.011%
34	16.616	2315	2317	2320	rVB3	2402	2384	0.14%	0.014%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

35	16.651	2320	2323	2326	rBV3	3121	4023	0.24%	0.023%
36	16.792	2345	2347	2349	rBV3	2508	2224	0.13%	0.013%
37	16.874	2358	2361	2366	rBV7	5993	8829	0.53%	0.051%
38	16.921	2366	2369	2371	rBV4	4421	6111	0.37%	0.036%
39	17.027	2383	2387	2388	rBV4	2477	2792	0.17%	0.016%
40	17.057	2390	2392	2394	rVB3	3249	2517	0.15%	0.015%
41	17.074	2394	2395	2397	rBV2	3088	2716	0.16%	0.016%
42	17.139	2400	2406	2416	rBV2	779039	1125016	67.84%	6.537%
43	17.239	2416	2423	2433	rBV	814776	1171747	70.66%	6.808%
44	17.474	2462	2463	2467	rBV4	5293	7986	0.48%	0.046%
45	17.551	2475	2476	2478	rVB2	4236	2977	0.18%	0.017%
46	17.610	2484	2486	2490	rVB5	5046	7503	0.45%	0.044%
47	17.727	2504	2506	2507	rVB2	6160	3959	0.24%	0.023%
48	17.957	2544	2545	2546	rBV	7580	4696	0.28%	0.027%
49	18.015	2551	2555	2565	rVV2	117472	206685	12.46%	1.201%
50	18.186	2582	2584	2585	rBV2	8217	4825	0.29%	0.028%
51	19.539	2809	2814	2824	rBV	1040634	1447912	87.32%	8.413%
52	21.027	3064	3067	3074	rBV2	223339	362530	21.86%	2.106%
53	21.333	3115	3119	3125	rVB	970483	1181837	71.27%	6.867%
54	23.468	3477	3482	3490	rVB2	824577	1658237	100.00%	9.635%
55	23.615	3502	3507	3515	rVB2	709671	1366262	82.39%	7.939%

Sum of corrected areas: 17210554

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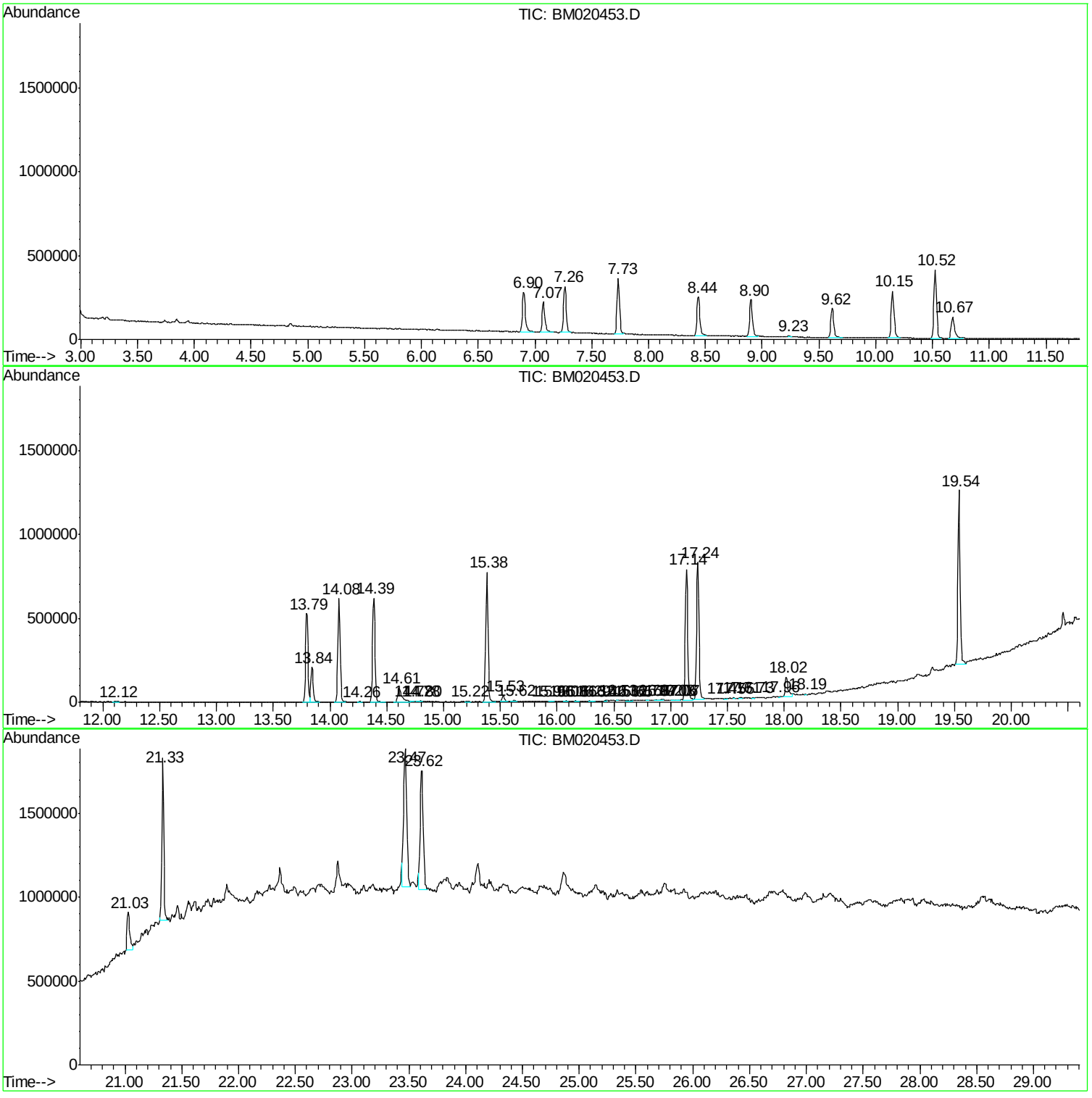
Instrument : BNA_M
ClientSampleId : A51A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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 M\DATA\BM052019\
Data File : BM020453.D
Acq On : 21 May 2019 07:12
Operator : JU/SJ
Sample : K2788-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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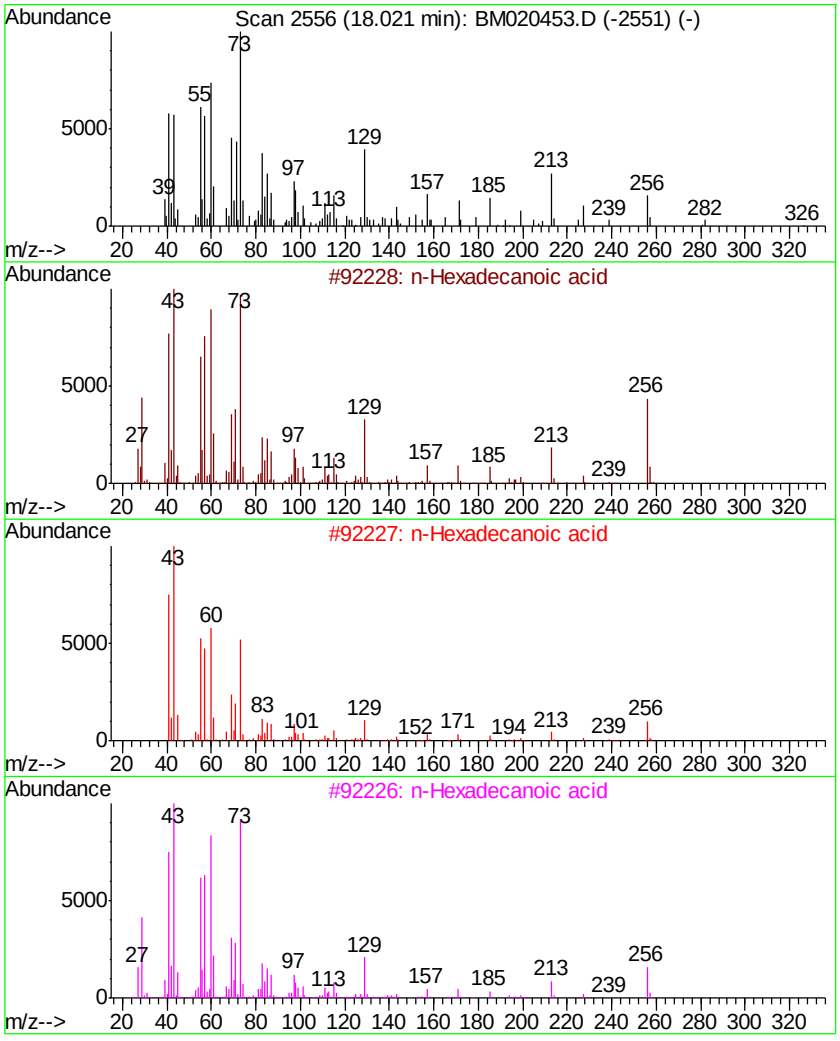
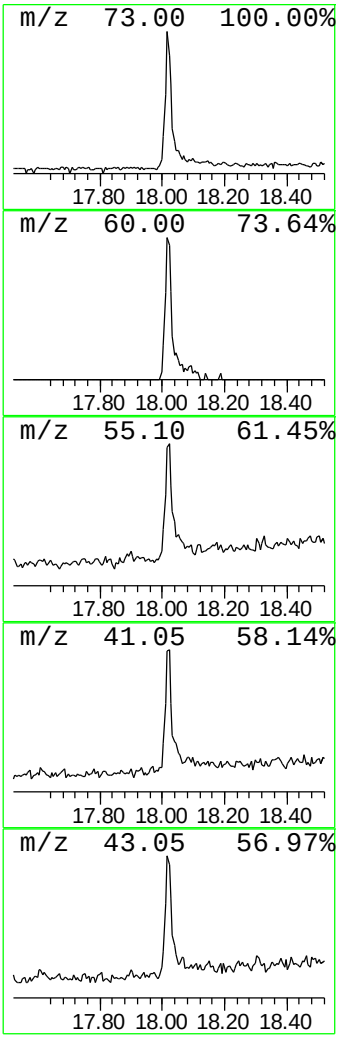
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.67 ng/ul	206685	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Instrument : BNA_M
ClientSampleId : A51A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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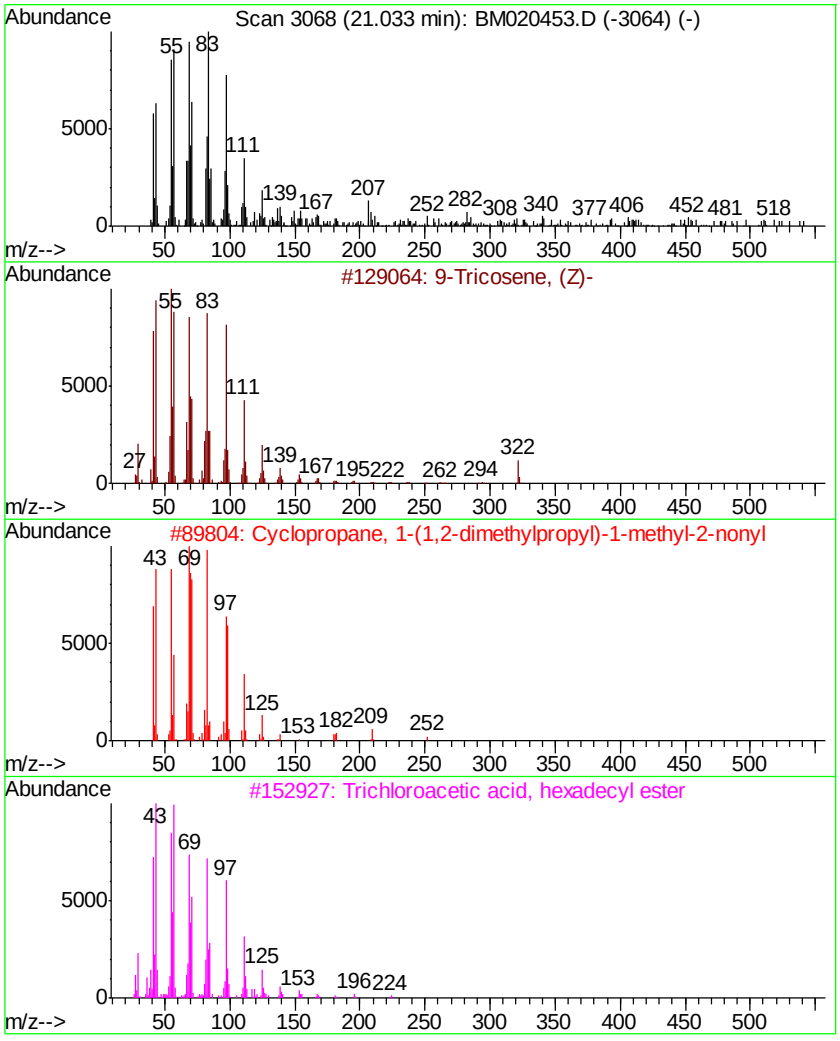
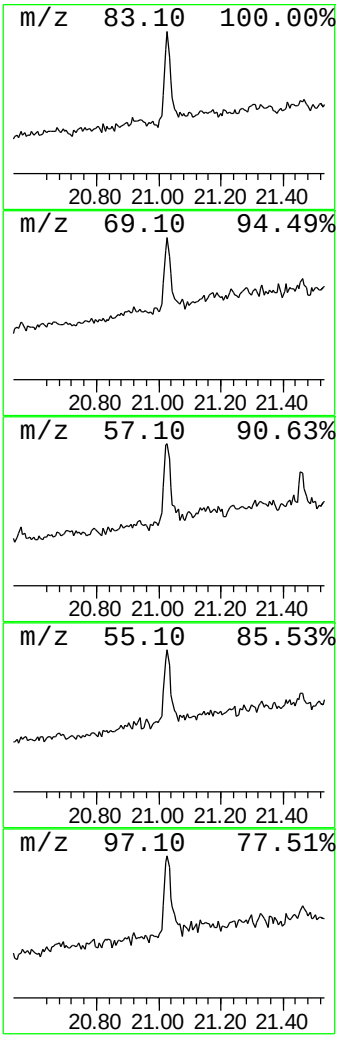
Peak Number 2 (DEL) Alkane: Cyclic21.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	6.14 ng/ul	362530	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
2	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
5	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	86





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	3.7	ng/ul	206685	4	17.14	1125020	20.0
(DEL) Alkane: Cyc...	21.03	6.1	ng/ul	362530	5	21.33	1181840	20.0