LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021647.D
Acq On : 25 Jul 2019 21:40
Operator : HP/JU
Sample : K3850-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BENS3

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-BM072319MA.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	6.875	656	661	673	rVB	311409	555708	12.52%	1.317%
2	7.045	685	690	702	rVB	233003	392181	8.84%	0.929%
3	7.234	716	722	730	rVB	324033	547037	12.32%	1.296%
4	7.698	795	801	808	rVB	486098	759361	17.11%	1.799%
5	8.404	916	921	935	rVB	368912	634648	14.30%	1.504%
6	8.863	993	999	1010	rVB	341552	579561	13.06%	1.373%
7	9.575	1114	1120	1128	rVB	278235	482033	10.86%	1.142%
8	10.110	1204	1211	1228	rBV	442107	814638	18.35%	1.930%
9	10.480	1267	1274	1281	rVB	745216	1246078	28.07%	2.953%
10	10.639	1294	1301	1314	rVB	287371	597042	13.45%	1.415%
11	11.698	1479	1481	1487	rVB3	3262	4896	0.11%	0.012%
12	11.892	1510	1514	1518	rVB2	7679	12507	0.28%	0.030%
13	12.080	1541	1546	1551	rBV4	6638	10944	0.25%	0.026%
14	12.157	1553	1559	1563	rVV3	7117	11596	0.26%	0.027%
15	12.374	1590	1596	1600	rVB2	4365	7806	0.18%	0.018%
16	13.145	1722	1727	1731	rBV3	11071	15191	0.34%	0.036%
17	13.621	1803	1808	1811	rBV4	2801	5766	0.13%	0.014%
18	13.663	1811	1815	1819	rVB5	8693	14922	0.34%	0.035%
19	13.716	1819	1824	1826	rBV3	8933	12684	0.29%	0.030%
20	13.763	1826	1832	1836	rVV	917655	1324153	29.83%	3.138%
21	13.810	1836	1840	1852	rVB	420745	590103	13.30%	1.398%
22	14.033	1871	1878	1889	rBV2	1128630	1723519	38.83%	4.084%
23	14.227	1906	1911	1916	rBV2	16802	23151	0.52%	0.055%
24	14.345	1924	1931	1938	rBV	1332932	2004179	45.15%	4.749%
25	14.404	1938	1941	1945	rVB2	12195	18471	0.42%	0.044%
26	14.580	1963	1971	1987	rBV	165048	391967	8.83%	0.929%
27	14.680	1987	1988	1994	rVV5	6582	10576	0.24%	0.025%
28	14.745	1994	1999	2003	rVV2	21984	41579	0.94%	0.099%
29	14.786	2003	2006	2010	rVV3	27738	41714	0.94%	0.099%
30	14.851	2014	2017	2022	rVB5	4612	7654	0.17%	0.018%
31	14.951	2032	2034	2039	rBV3	4341	7152	0.16%	0.017%
32	15.015	2042	2045	2047	rBV	6942	6629	0.15%	0.016%
33	15.104	2056	2060	2062	rBV	10808	13493	0.30%	0.032%
34	15.127	2062	2064	2069	rVV5	6896	9322	0.21%	0.022%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Title : SVOA CALIBRATION

35	15.186	2069	2074	2078	rVV2	22289	29771	0.67%	0.071%
36	15.339	2094	2100	2106	rBV	1528250	2201711	49.60%	5.217%
37	15.398	2106	2110	2118	rVB2	30013	52041	1.17%	0.123%
38	15.480	2118	2124	2134	rBV	167639	260089	5.86%	0.616%
39	15.586	2134	2142	2149	rBV7	21761	43803	0.99%	0.104%
40	15.686	2156	2159	2164	rBV2	16450	25063	0.56%	0.059%
41	15.745	2165	2169	2172	rVB4	4838	7335	0.17%	0.017%
42	15.810	2176	2180	2181	rBV3	6453	5400	0.12%	0.013%
43	15.839	2181	2185	2192	rVB3	13138	24504	0.55%	0.058%
44	15.910	2192	2197	2198	rBV5	3678	5518	0.12%	0.013%
45	15.968	2203	2207	2212	rVV	62235	75628	1.70%	0.179%
46	16.051	2217	2221	2222	rBV	29485	35896	0.81%	0.085%
47	16.121	2231	2233	2237	rVB5	7233	8559	0.19%	0.020%
48	16.162	2238	2240	2244	rBV5	4294	5904	0.13%	0.014%
49	16.398	2275	2280	2285	rBV8	15000	27790	0.63%	0.066%
50	16.451	2286	2289	2293	rVB5	9319	13364	0.30%	0.032%
51	16.498	2295	2297	2301	rVB5	4618	6077	0.14%	0.014%
52	16.627	2314	2319	2323	rBV5	17249	33446	0.75%	0.079%
53	16.762	2337	2342	2348	rBV2	28070	48336	1.09%	0.115%
54	16.839	2348	2355	2359	rBV3	39298	68235	1.54%	0.162%
55	16.892	2359	2364	2366	rBV2	33250	48955	1.10%	0.116%
56	17.098	2393	2399	2403	rBV2	1795520	2647976	59.66%	6.275%
57	17.139	2403	2406	2410	rVV	551169	723730	16.31%	1.715%
58	17.198	2410	2416	2426	rVB	1696103	2650203	59.71%	6.280%
59	17.509	2467	2469	2477	rVB	50408	74067	1.67%	0.176%
60	17.580	2478	2481	2485	rVB	34866	37140	0.84%	0.088%
61	17.986	2544	2550	2554	rBV2	276431	516028	11.63%	1.223%
62	18.021	2554	2556	2561	rVB	136403	167949	3.78%	0.398%
63	18.104	2567	2570	2574	rVB2	35794	41603	0.94%	0.099%
64	18.168	2576	2581	2585	rBV2	117727	197169	4.44%	0.467%
65	18.274	2597	2599	2605	rVB3	43837	57595	1.30%	0.136%
66	18.474	2631	2633	2638	rVB	56142	70982	1.60%	0.168%
67	18.527	2639	2642	2649	rVV	55335	87092	1.96%	0.206%
68	18.727	2672	2676	2681	rBV6	60301	122786	2.77%	0.291%
69	19.156	2745	2749	2755	rVB	1210286	1586646	35.75%	3.760%
70	19.274	2766	2769	2772	rBV3	90717	129077	2.91%	0.306%
71	19.492	2801	2806	2810	rBV	2631109	3907261	88.03%	9.259%

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Title : SVOA CALIBRATION

72	20.997	3058	3062	3070	rVB3	553196	925440	20.85%	2.193%
73	21.286	3105	3111	3115	rBV2	2900375	4438487	100.00%	10.518%
74	21.321	3115	3117	3125	rVB	567126	727094	16.38%	1.723%
75	21.856	3206	3208	3211	rVB	313628	304962	6.87%	0.723%
76	22.827	3370	3373	3376	rBV	366862	488154	11.00%	1.157%
77	23.391	3463	3469	3474	rBV	1859265	3276035	73.81%	7.763%
78	23.533	3487	3493	3500	rBV	1598001	3077096	69.33%	7.292%

Sum of corrected areas: 42200258

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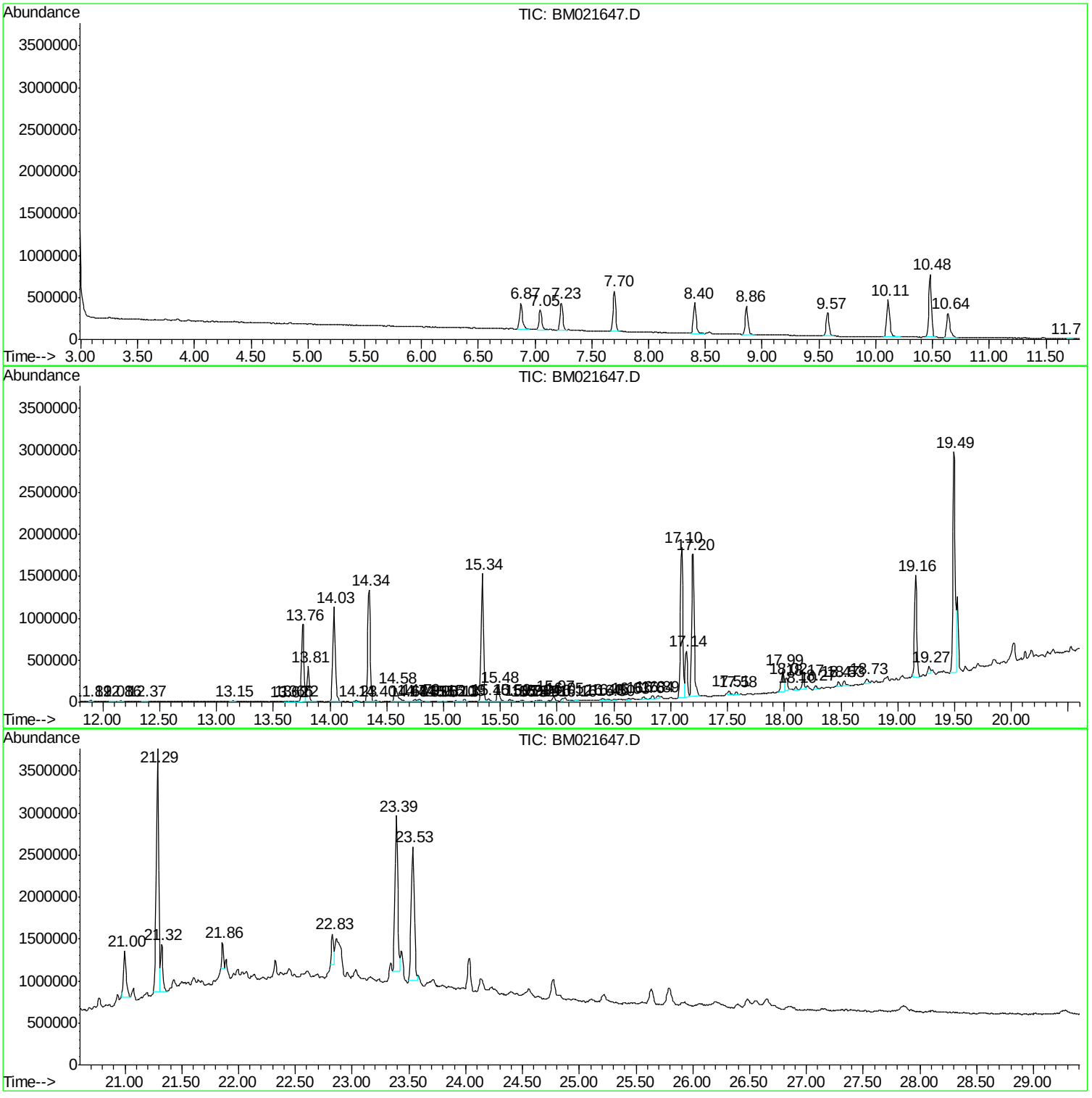
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

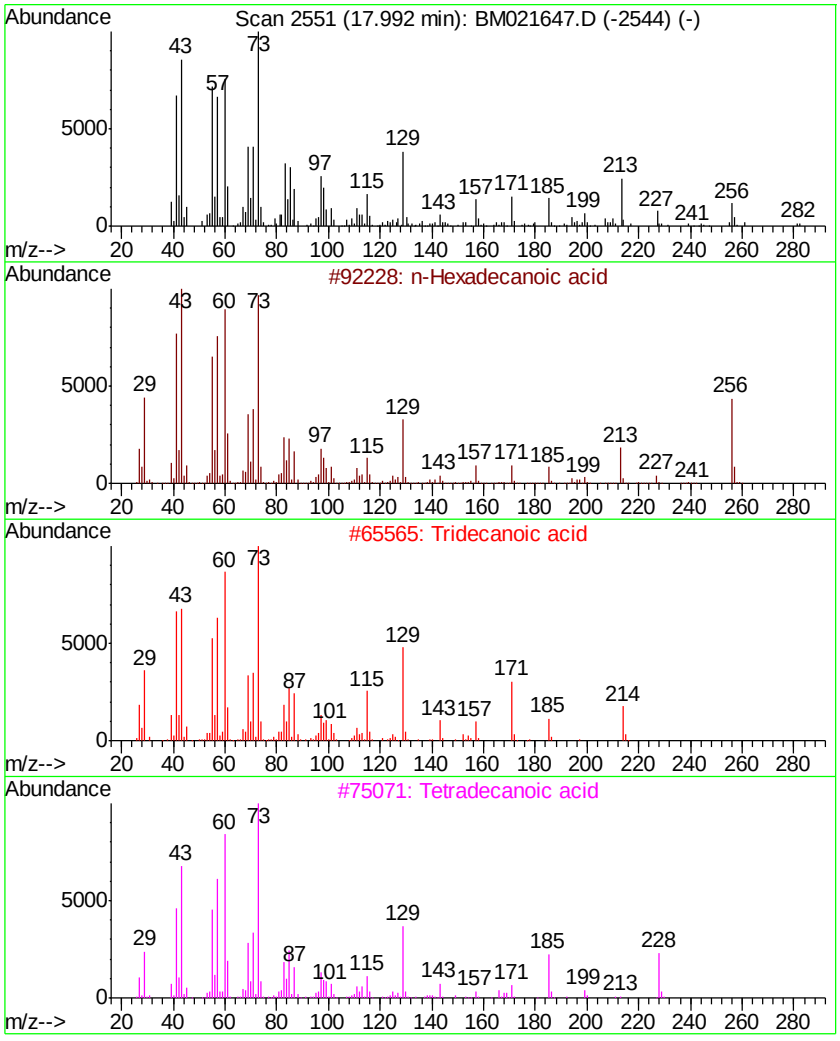
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

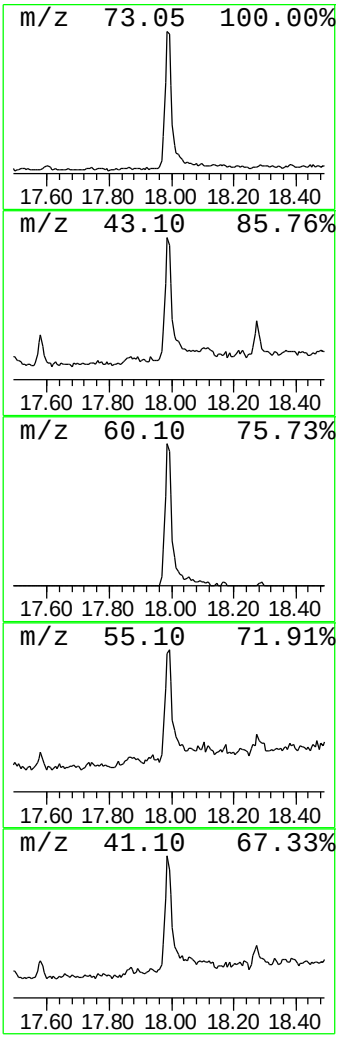
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.90 ng/ul	516028	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Quant Title : SVOA CALIBRATION

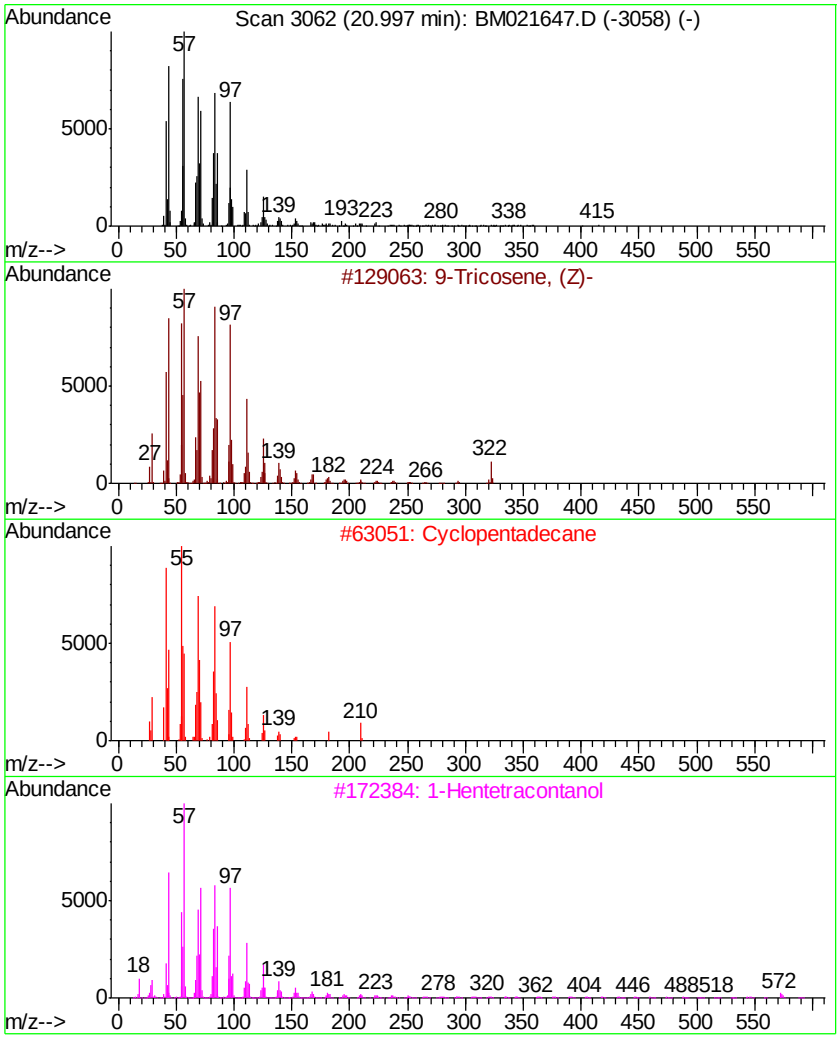
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

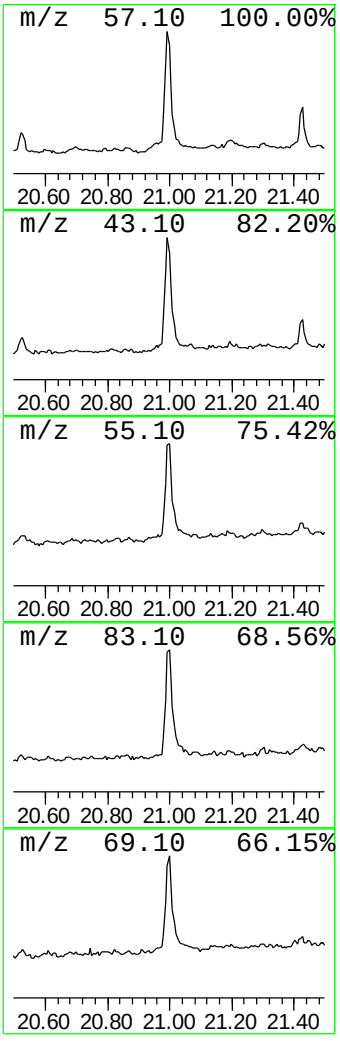
****

Peak Number 2 (DEL) Alkane: Cyclic21.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.17 ng/ul	925440	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	1-Hentetracontanol	593	C41H84O	040710-42-7	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	90





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	17.99	3.9	ng/ul	516028	4	17.10	2647980	20.0
(DEL) Alkane: Cyc...	21.00	4.2	ng/ul	925440	5	21.29	4438490	20.0