LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019879.D
Acq On : 11 Apr 2019 01:14
Operator : JU/SJ
Sample : K2255-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC45

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-BM032219MA.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	3.116	19	22	27	rBV	35278	51372	2.70%	0.272%
2	3.616	104	107	114	rVB3	11687	18879	0.99%	0.100%
3	3.898	153	155	160	rVB4	2279	2831	0.15%	0.015%
4	4.034	176	178	180	rVB2	2656	2244	0.12%	0.012%
5	4.163	198	200	203	rBV3	1848	1940	0.10%	0.010%
6	4.246	212	214	216	rBV3	1781	2055	0.11%	0.011%
7	4.469	250	252	255	rBV3	1961	2357	0.12%	0.012%
8	4.704	289	292	293	rBV2	3124	2640	0.14%	0.014%
9	5.469	419	422	426	rBV4	1757	2508	0.13%	0.013%
10	6.534	597	603	610	rVB2	12334	19223	1.01%	0.102%
11	6.616	615	617	621	rVB5	1450	1903	0.10%	0.010%
12	6.745	633	639	658	rBV	186465	435040	22.88%	2.306%
13	6.910	661	667	683	rVV	185877	347560	18.28%	1.843%
14	7.087	691	697	713	rVB	285772	490532	25.80%	2.601%
15	7.257	724	726	731	rVB5	2224	3279	0.17%	0.017%
16	7.551	769	776	786	rBV	476786	799651	42.06%	4.239%
17	8.275	893	899	923	rBV	243353	519045	27.30%	2.752%
18	8.728	969	976	990	rBV	205634	411604	21.65%	2.182%
19	8.863	998	999	1003	rVB3	2442	2858	0.15%	0.015%
20	9.033	1024	1028	1035	rVB2	11974	16633	0.87%	0.088%
21	9.204	1053	1057	1061	rVB4	1749	3354	0.18%	0.018%
22	9.439	1090	1097	1113	rBV	162995	320902	16.88%	1.701%
23	9.680	1135	1138	1141	rBV	1450	1927	0.10%	0.010%
24	9.980	1181	1189	1214	rBV	179618	492978	25.93%	2.614%
25	10.328	1241	1248	1261	rBV	631600	1039550	54.68%	5.511%
26	10.510	1272	1279	1294	rBV	118281	339703	17.87%	1.801%
27	11.063	1371	1373	1377	rBV	1718	1961	0.10%	0.010%
28	11.739	1485	1488	1493	rVB4	1437	2382	0.13%	0.013%
29	11.939	1518	1522	1523	rBV	1860	2471	0.13%	0.013%
30	13.004	1699	1703	1706	rBV3	2123	2382	0.13%	0.013%
31	13.633	1805	1810	1815	rBV	459892	704531	37.06%	3.735%
32	13.686	1815	1819	1827	rVB	150292	240273	12.64%	1.274%
33	13.904	1850	1856	1874	rBV	557832	814637	42.85%	4.319%
34	14.098	1885	1889	1895	rVB2	2982	5382	0.28%	0.029%

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Instrument : BNA_M
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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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	14.215	1902	1909	1924	rBV2	770312	1200490	63.15%	6.365%
36	14.539	1957	1964	1970	rBV4	32220	94296	4.96%	0.500%
37	14.657	1982	1984	1986	rVB3	4773	2640	0.14%	0.014%
38	14.821	2011	2012	2015	rBV2	2044	2357	0.12%	0.012%
39	15.045	2048	2050	2051	rBV2	3309	2082	0.11%	0.011%
40	15.215	2073	2079	2090	rBV	687455	1068085	56.18%	5.663%
41	15.392	2104	2109	2117	rBV2	55064	100932	5.31%	0.535%
42	15.457	2117	2120	2126	rVB3	9270	12858	0.68%	0.068%
43	15.592	2140	2143	2145	rVB2	1780	2124	0.11%	0.011%
44	15.668	2154	2156	2159	rVB3	2150	2185	0.11%	0.012%
45	15.915	2195	2198	2200	rBV4	3314	4037	0.21%	0.021%
46	16.004	2211	2213	2215	rVB2	2776	2463	0.13%	0.013%
47	16.092	2225	2228	2230	rBV4	2672	3577	0.19%	0.019%
48	16.157	2238	2239	2242	rBV3	1814	2520	0.13%	0.013%
49	16.345	2268	2271	2274	rVB3	2340	2847	0.15%	0.015%
50	16.386	2274	2278	2281	rBV3	4109	7255	0.38%	0.038%
51	16.445	2286	2288	2292	rVB3	2717	2832	0.15%	0.015%
52	16.633	2317	2320	2323	rBV4	2211	2295	0.12%	0.012%
53	16.674	2323	2327	2330	rBV6	2940	4145	0.22%	0.022%
54	16.768	2340	2343	2349	rVB6	4967	6515	0.34%	0.035%
55	16.856	2354	2358	2360	rBV3	2655	3492	0.18%	0.019%
56	16.974	2372	2378	2389	rBV2	895124	1289670	67.84%	6.837%
57	17.074	2389	2395	2403	rBV	713881	1069820	56.28%	5.672%
58	17.215	2417	2419	2420	rBV2	2920	2112	0.11%	0.011%
59	17.262	2423	2427	2430	rVV3	3315	4745	0.25%	0.025%
60	17.362	2442	2444	2446	rBV2	3645	4027	0.21%	0.021%
61	17.445	2455	2458	2460	rBV4	4153	3040	0.16%	0.016%
62	17.674	2495	2497	2500	rBV4	3379	4707	0.25%	0.025%
63	17.739	2505	2508	2509	rBV3	4934	5943	0.31%	0.032%
64	17.868	2524	2530	2541	rBV	117497	229848	12.09%	1.219%
65	17.939	2541	2542	2546	rVV4	6319	6913	0.36%	0.037%
66	18.115	2570	2572	2574	rBV3	4934	4431	0.23%	0.023%
67	18.145	2575	2577	2579	rVB3	6046	3971	0.21%	0.021%
68	18.580	2648	2651	2656	rVB7	14178	19401	1.02%	0.103%
69	18.662	2660	2665	2669	rBV8	12099	26879	1.41%	0.143%
70	18.786	2682	2686	2689	rBV5	17544	28973	1.52%	0.154%
71	18.962	2714	2716	2721	rBV5	17713	25603	1.35%	0.136%

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72	19.156	2746	2749	2753	rBV4	41322	62231	3.27%	0.330%
73	19.386	2783	2788	2802	rBV	871061	1320855	69.48%	7.003%
74	20.886	3040	3043	3049	rVB2	140268	176743	9.30%	0.937%
75	21.186	3090	3094	3101	rBV	1264706	1539099	80.96%	8.160%
76	23.250	3441	3445	3451	rVB	886690	1495318	78.66%	7.928%
77	23.385	3463	3468	3476	rVB	1064907	1901037	100.00%	10.079%

Sum of corrected areas: 18861980

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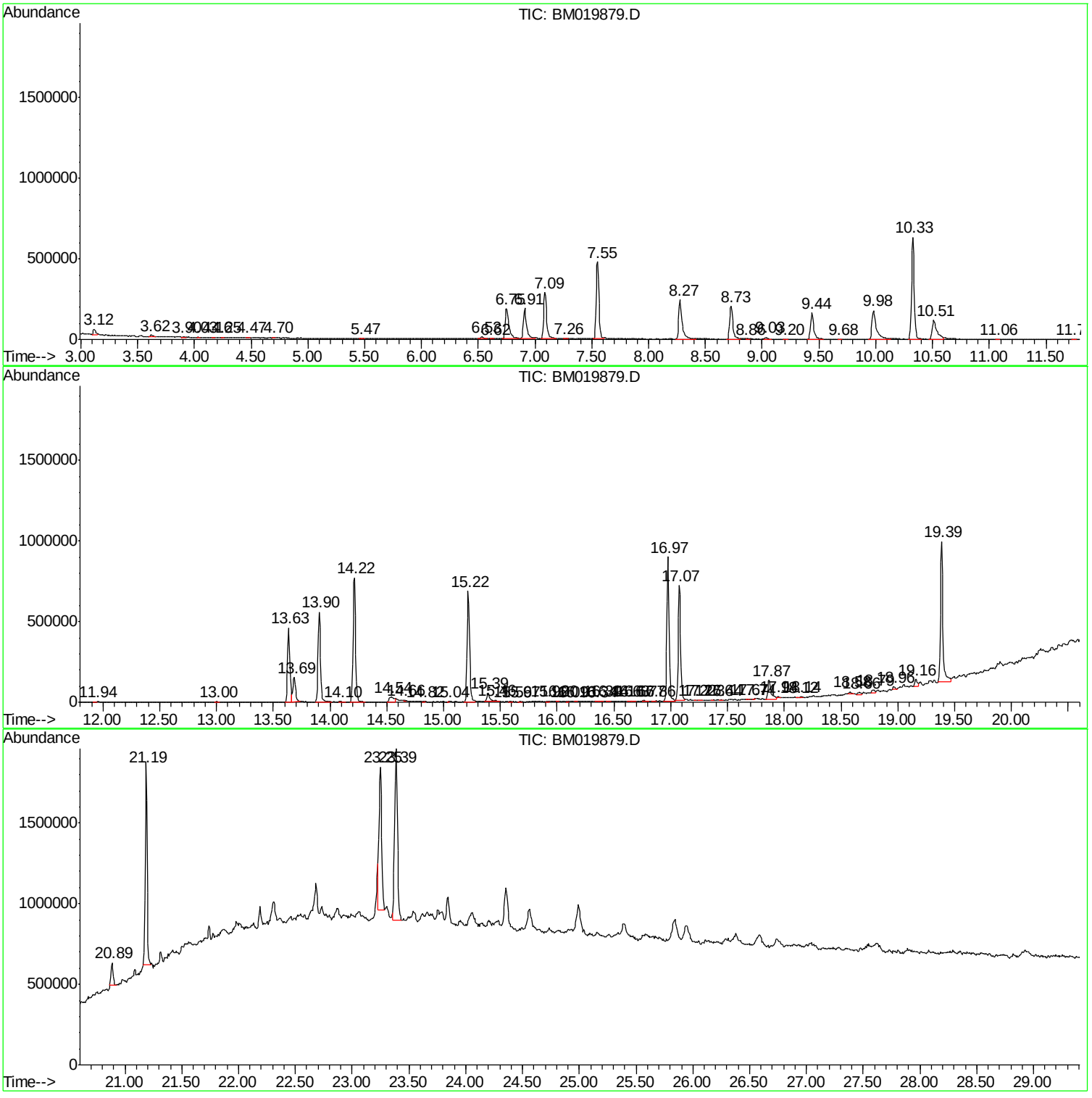
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
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Quant Title : SVOA CALIBRATION

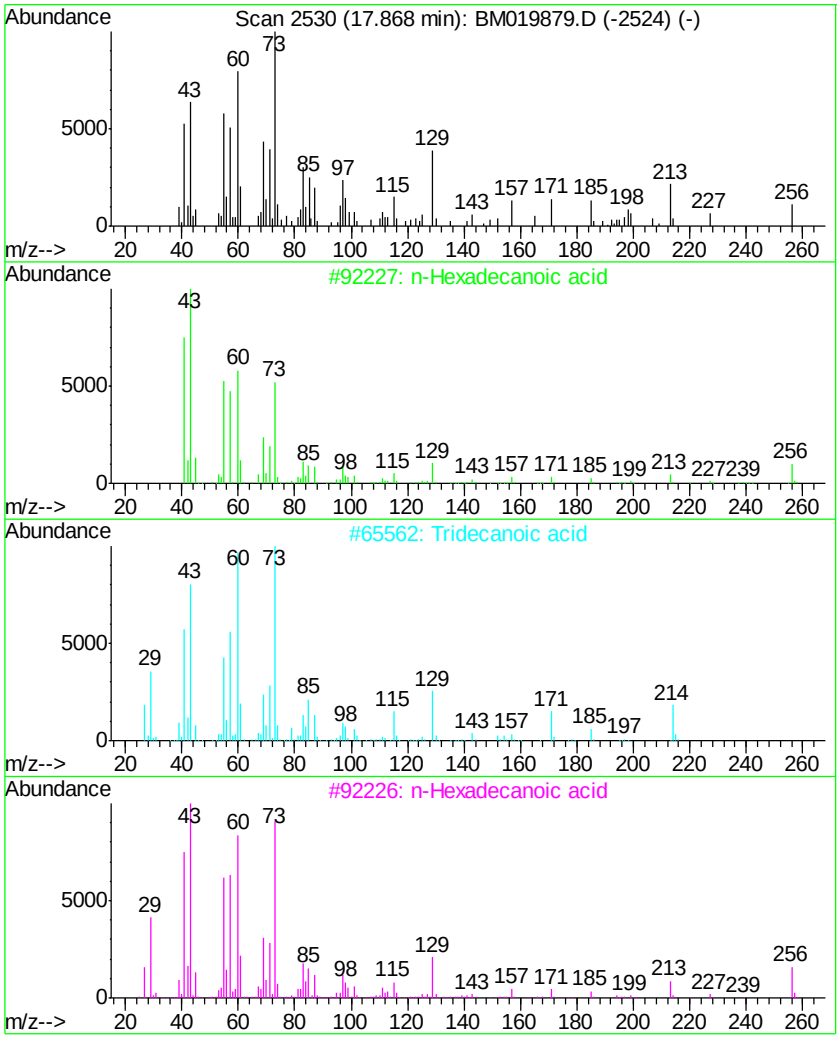
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

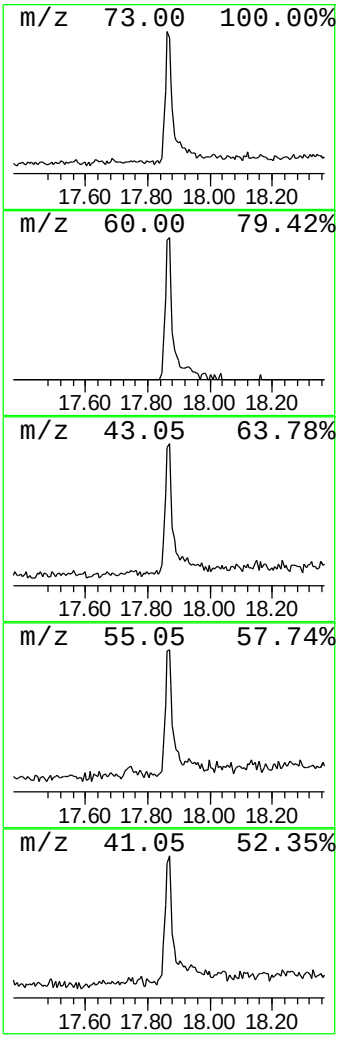
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.56 ng/ul	229848	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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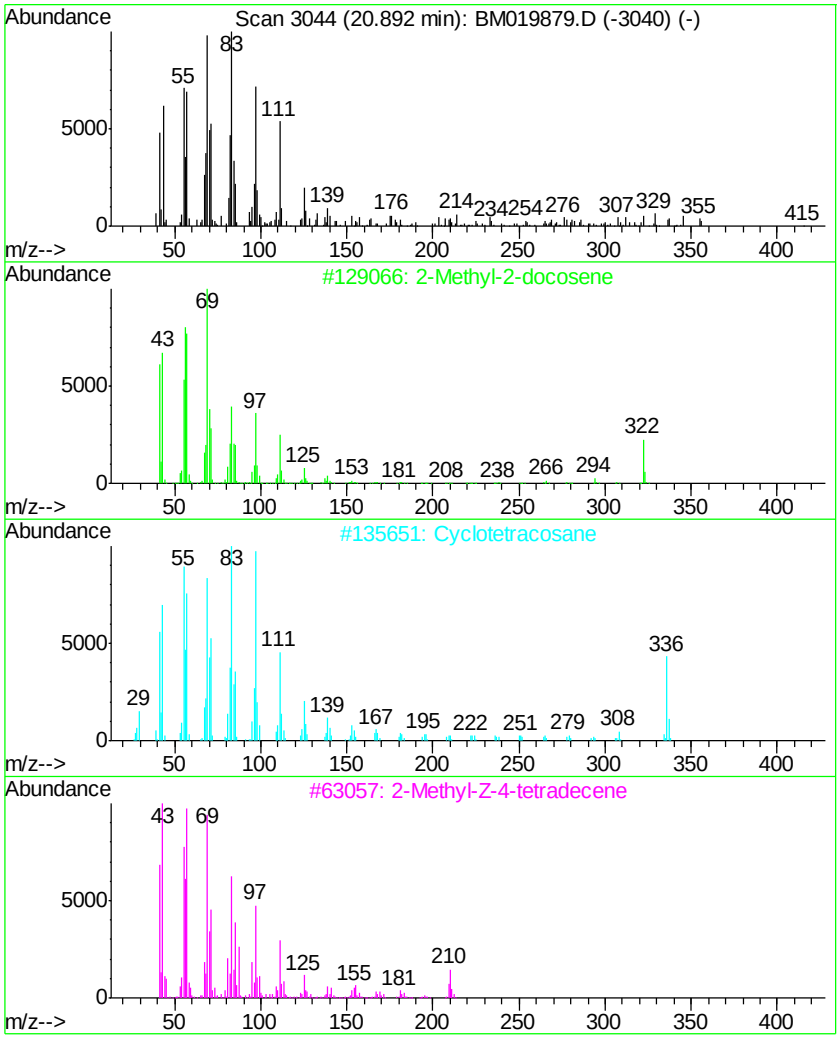
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

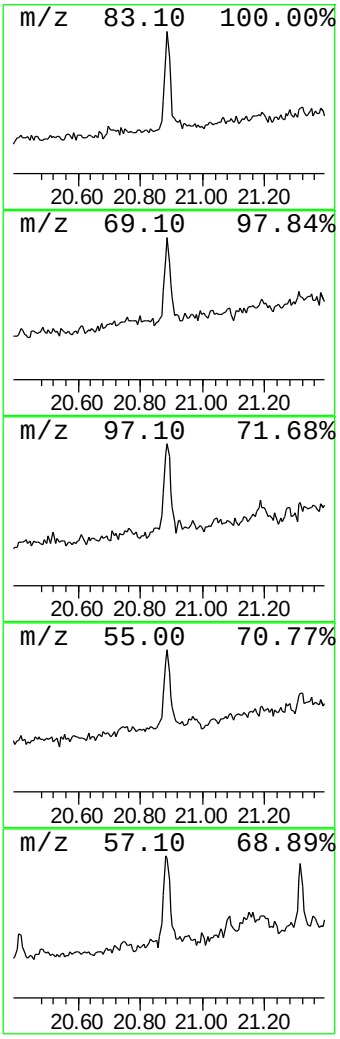
****

Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.30 ng/ul	176743	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-docosene	322	C23H46	1000131-16-9	90
2	Cyclotetracosane	336	C24H48	000297-03-0	83
3	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	74
4	Cyclopropane, 1-methyl-1-(2-meth...	238	C17H34	041977-41-7	64
5	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	60





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.6	ng/ul	229848	4	16.97	1289670	20.0
(DEL) Alkane: Cyc...	20.89	2.3	ng/ul	176743	5	21.19	1539100	20.0