LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028441.D
Acq On : 19 Jan 2021 01:24
Operator : CG/JU
Sample : M1099-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C08

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-BM011621MA.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	3.334	22	25	31	rVB	9518	12672	1.71%	0.147%
2	4.134	156	161	165	rBV	1949	2992	0.40%	0.035%
3	4.693	254	256	258	rVB2	1245	994	0.13%	0.011%
4	4.946	293	299	303	rVB3	521	1327	0.18%	0.015%
5	5.322	359	363	370	rVB	10119	14874	2.00%	0.172%
6	6.128	497	500	504	rBV	815	1010	0.14%	0.012%
7	7.234	680	688	699	rBV	174391	282992	38.10%	3.272%
8	7.404	706	717	726	rVB	126851	197333	26.57%	2.282%
9	7.610	745	752	761	rBV	175046	280384	37.75%	3.242%
10	7.693	761	766	771	rVB3	2514	3915	0.53%	0.045%
11	7.975	807	814	818	rBV	1978	2465	0.33%	0.029%
12	8.087	824	833	839	rBV	137740	220731	29.72%	2.552%
13	8.140	839	842	852	rVB	5867	10076	1.36%	0.117%
14	8.793	947	953	961	rBV	200926	315194	42.44%	3.644%
15	9.181	1015	1019	1020	rBV	1387	1511	0.20%	0.017%
16	9.198	1020	1022	1025	rVV	1561	1549	0.21%	0.018%
17	9.257	1025	1032	1040	rVV	152810	248707	33.49%	2.876%
18	9.651	1094	1099	1103	rBV	1847	2980	0.40%	0.034%
19	9.981	1149	1155	1162	rBV	127263	206444	27.80%	2.387%
20	10.522	1236	1247	1256	rVB	199812	319730	43.05%	3.697%
21	10.904	1305	1312	1319	rBV	185694	297904	40.11%	3.445%
22	11.039	1327	1335	1344	rVB	192353	312686	42.10%	3.615%
23	11.228	1360	1367	1373	rBV2	9399	13812	1.86%	0.160%
24	12.304	1546	1550	1555	rBV2	1016	1265	0.17%	0.015%
25	12.486	1576	1581	1584	rBV	2209	3251	0.44%	0.038%
26	13.245	1705	1710	1716	rVB3	778	1136	0.15%	0.013%
27	13.533	1755	1759	1765	rVV	4358	6123	0.82%	0.071%
28	13.604	1767	1771	1776	rVB2	1290	1833	0.25%	0.021%
29	13.775	1796	1800	1804	rVB	4035	5458	0.73%	0.063%
30	14.128	1854	1860	1865	rBV	298961	396546	53.39%	4.585%
31	14.169	1865	1867	1874	rVB	13478	17226	2.32%	0.199%
32	14.416	1903	1909	1920	rBV	342289	508908	68.52%	5.884%
33	14.598	1936	1940	1944	rBV2	2000	2625	0.35%	0.030%
34	14.722	1955	1961	1968	rVB	247985	363739	48.97%	4.206%

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Misc :
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Instrument : BNA_M
ClientSampleId : F1C08

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-BM011621MA.M
Title : SVOA CALIBRATION

35	14.780	1968	1971	1975	rVB2	707	879	0.12%	0.010%
36	14.904	1986	1992	2000	rVB	132669	188187	25.34%	2.176%
37	15.104	2021	2026	2033	rBV4	1144	2275	0.31%	0.026%
38	15.545	2097	2101	2104	rVV2	1175	1616	0.22%	0.019%
39	15.710	2122	2129	2136	rVB	429960	592475	79.77%	6.850%
40	15.822	2143	2148	2155	rVV	108069	147637	19.88%	1.707%
41	15.945	2165	2169	2174	rVB	4744	5741	0.77%	0.066%
42	16.233	2214	2218	2223	rVB3	639	1218	0.16%	0.014%
43	16.345	2235	2237	2240	rBV3	839	995	0.13%	0.012%
44	16.404	2244	2247	2248	rVV	914	906	0.12%	0.010%
45	16.427	2248	2251	2253	rVV	1322	1841	0.25%	0.021%
46	16.463	2255	2257	2259	rVV	1233	1495	0.20%	0.017%
47	16.480	2259	2260	2264	rVB3	1563	1145	0.15%	0.013%
48	16.521	2264	2267	2271	rBV3	1141	1552	0.21%	0.018%
49	16.580	2274	2277	2280	rVB3	708	809	0.11%	0.009%
50	16.674	2286	2293	2298	rBV	4368	6539	0.88%	0.076%
51	16.757	2303	2307	2309	rVB2	812	1155	0.16%	0.013%
52	16.827	2316	2319	2323	rVB2	1721	1993	0.27%	0.023%
53	16.904	2329	2332	2334	rBV3	917	826	0.11%	0.010%
54	16.968	2341	2343	2346	rVB2	826	766	0.10%	0.009%
55	17.027	2351	2353	2358	rVB3	554	764	0.10%	0.009%
56	17.233	2385	2388	2394	rVB3	1785	3298	0.44%	0.038%
57	17.451	2418	2425	2430	rBV	285712	400931	53.98%	4.636%
58	17.492	2430	2432	2435	rVV2	2601	2978	0.40%	0.034%
59	17.545	2435	2441	2453	rVV2	442072	616174	82.96%	7.125%
60	17.627	2453	2455	2459	rVV3	1746	2156	0.29%	0.025%
61	17.686	2462	2465	2469	rBV5	1553	2465	0.33%	0.029%
62	17.733	2471	2473	2476	rVB2	727	774	0.10%	0.009%
63	17.980	2510	2515	2518	rBV3	920	1465	0.20%	0.017%
64	18.251	2557	2561	2563	rBV4	784	892	0.12%	0.010%
65	18.315	2567	2572	2577	rBV	50678	67521	9.09%	0.781%
66	18.515	2603	2606	2608	rVB3	1065	1180	0.16%	0.014%
67	18.663	2628	2631	2635	rBV3	1698	2299	0.31%	0.027%
68	18.727	2640	2642	2646	rVV4	1167	1341	0.18%	0.016%
69	18.915	2672	2674	2676	rVB3	1195	978	0.13%	0.011%
70	18.939	2676	2678	2679	rBV2	899	851	0.11%	0.010%
71	18.974	2682	2684	2686	rVB2	1113	944	0.13%	0.011%

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Misc :
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Instrument : BNA_M
ClientSampleId : F1C08

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Title : SVOA CALIBRATION

72	19.010	2688	2690	2691	rBV2	969	901	0.12%	0.010%
73	19.051	2695	2697	2699	rBV3	929	1119	0.15%	0.013%
74	19.451	2762	2765	2768	rBV	4102	4275	0.58%	0.049%
75	19.480	2768	2770	2775	rVB2	3098	3464	0.47%	0.040%
76	19.574	2782	2786	2791	rBV2	9220	11007	1.48%	0.127%
77	19.698	2804	2807	2811	rBV	3665	5768	0.78%	0.067%
78	19.815	2821	2827	2836	rVB	520233	716203	96.43%	8.281%
79	21.268	3070	3074	3079	rBV	119025	144027	19.39%	1.665%
80	21.568	3120	3125	3130	rBV	366938	446650	60.14%	5.164%
81	23.739	3488	3494	3504	rVB	401938	742708	100.00%	8.588%
82	23.886	3513	3519	3528	rVB2	234791	445085	59.93%	5.146%

Sum of corrected areas: 8648660

LSC Report - Integrated Chromatogram

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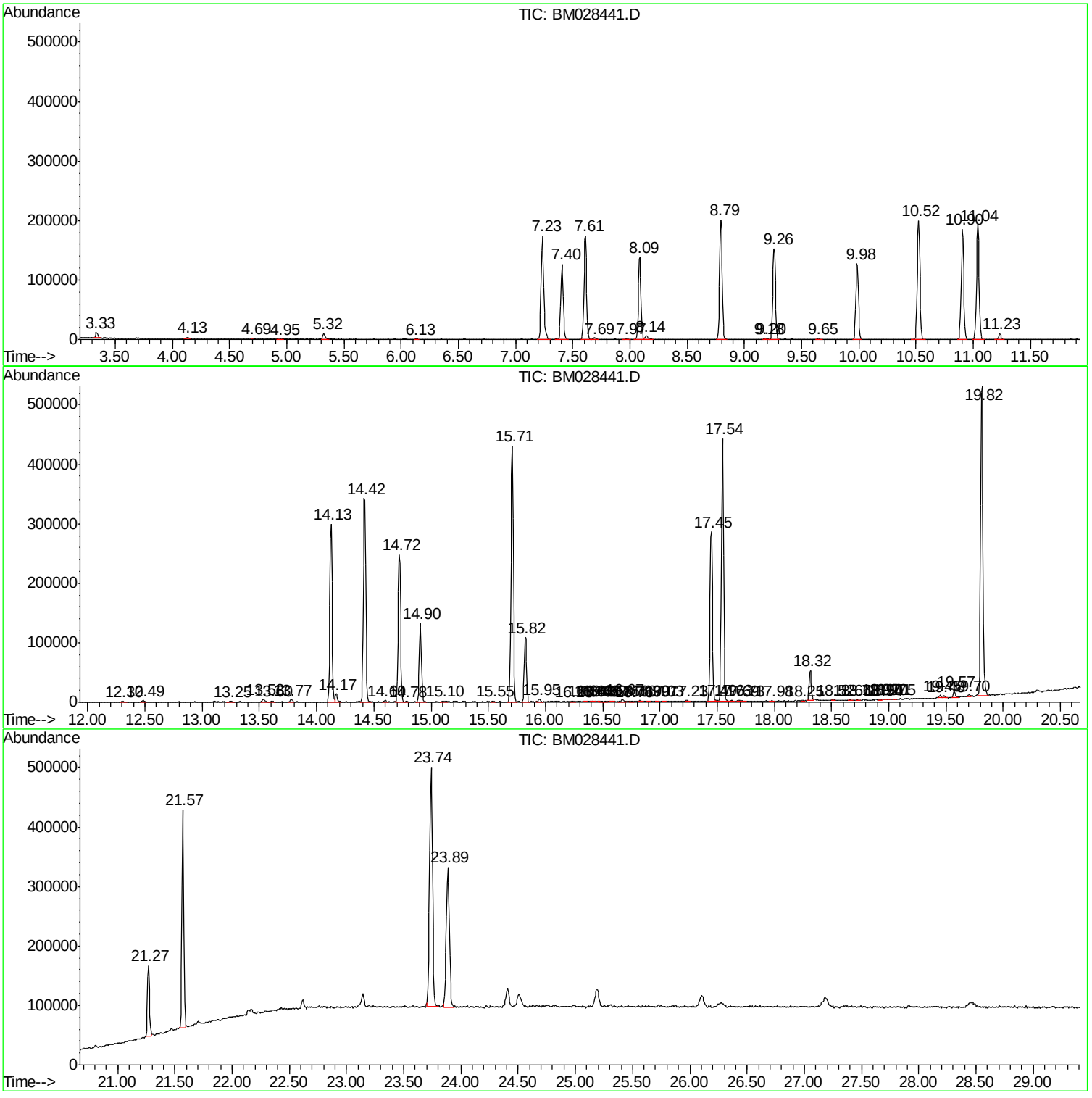
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028441.D
Acq On : 19 Jan 2021 01:24
Operator : CG/JU
Sample : M1099-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1C08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

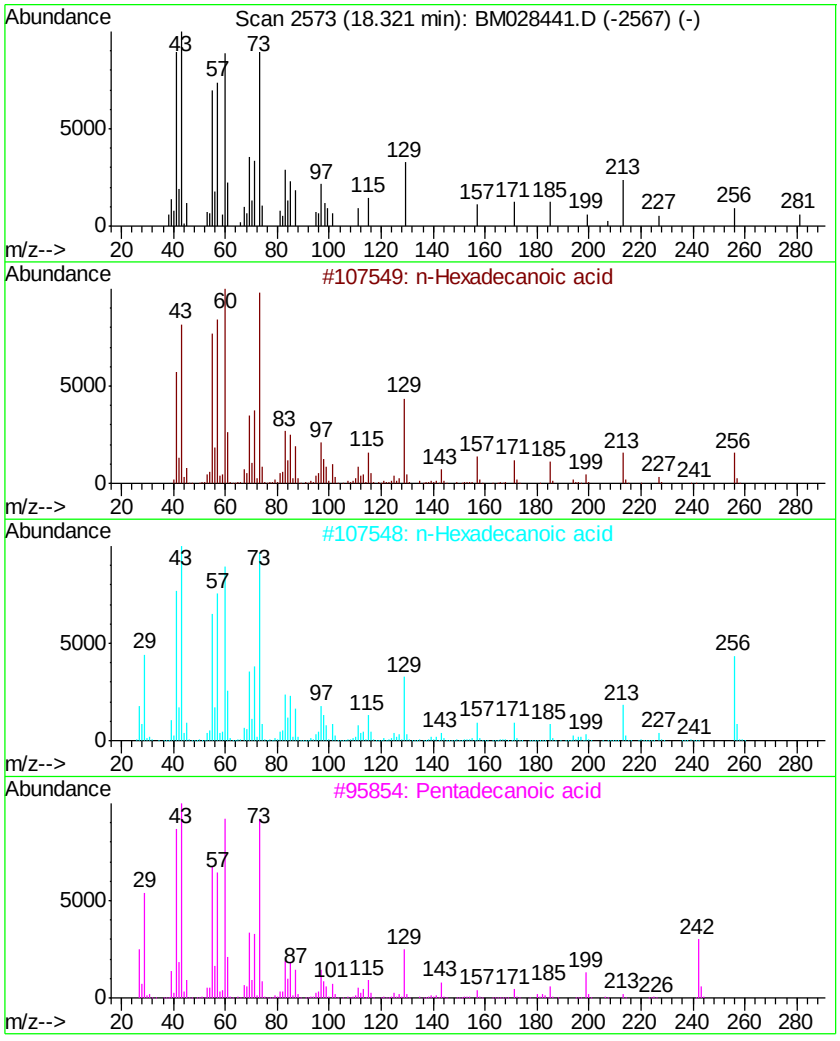
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

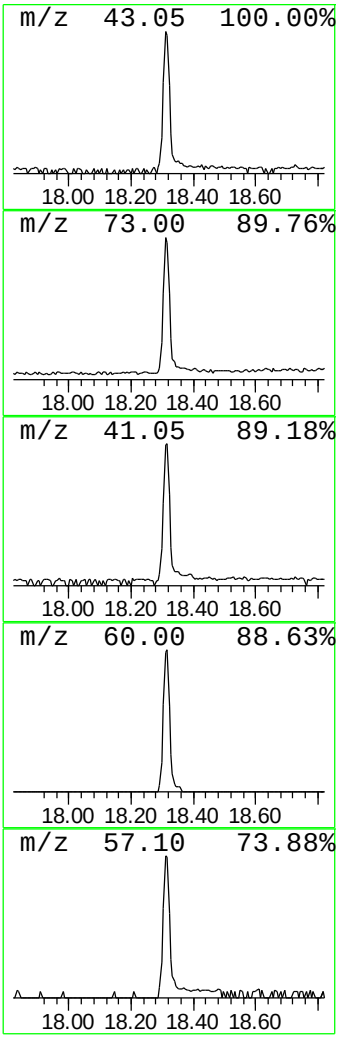
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.37 ng/ul	67521	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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Instrument : BNA_M
ClientSampleId : F1C08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

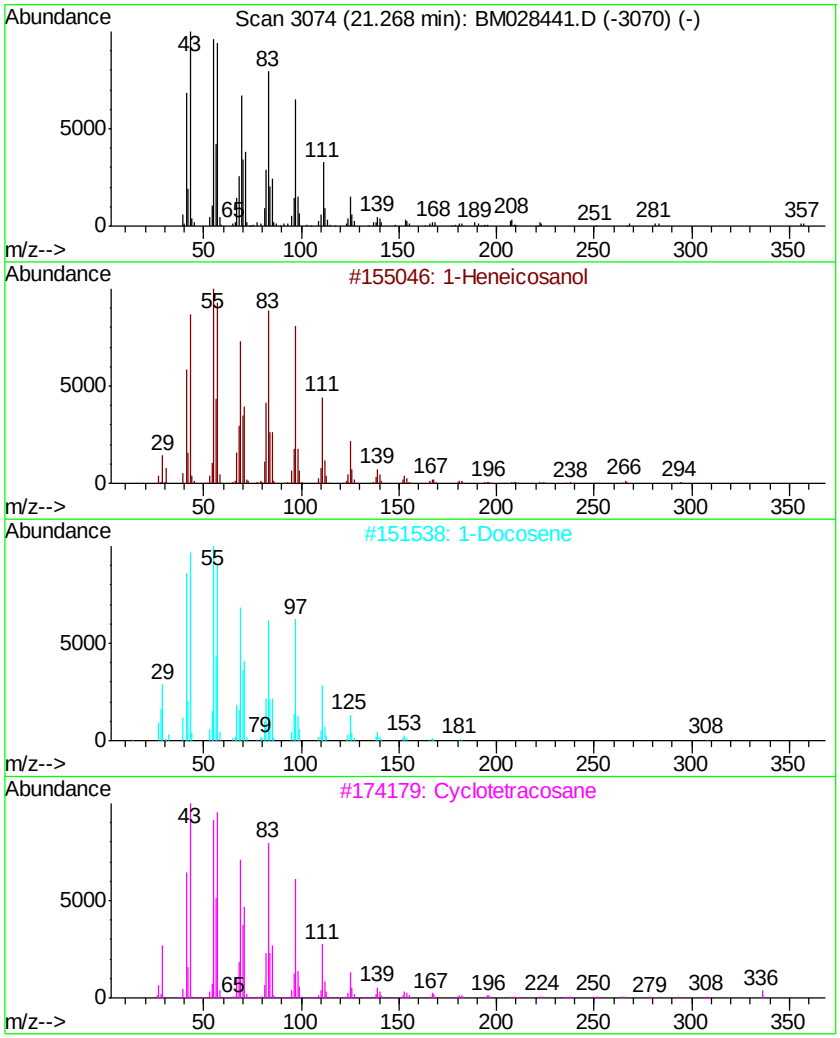
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

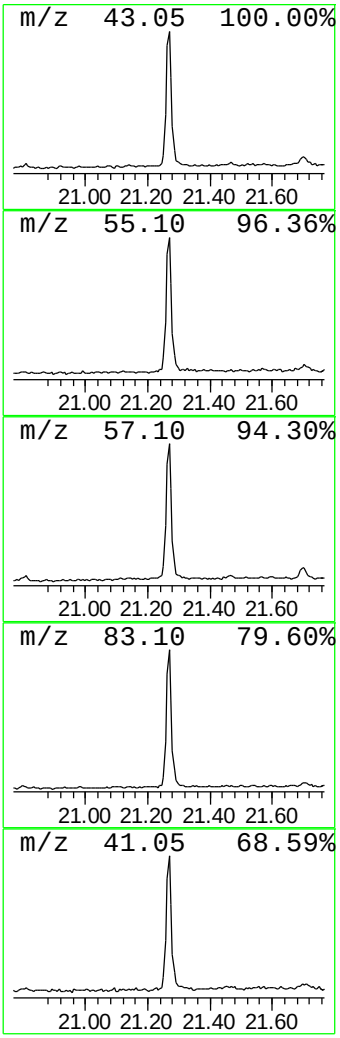
****

Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	6.45 ng/ul	144027	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Docosene	308	C22H44	001599-67-3	95
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
5	2- Bromopropionic acid, hexadecy...	376	C19H37BrO2	063966-83-6	91





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	18.32	3.4	ng/ul	67521	4	17.45	400931	20.0
1-Heneicosanol	21.27	6.5	ng/ul	144027	5	21.57	446650	20.0