

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
 Data File : BM014045.D
 Acq On : 31 Jan 2018 21:42
 Operator : SJ/JU
 Sample : J1314-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C35

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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	6.751	633	640	658	rBV	544144	1049380	26.99%	2.494%
2	6.910	662	667	678	rVV	422439	656092	16.87%	1.559%
3	7.098	692	699	714	rVB	596469	1007008	25.90%	2.393%
4	7.563	772	778	787	rBV	408412	711940	18.31%	1.692%
5	8.275	891	899	912	rBV2	678033	1233087	31.71%	2.930%
6	8.716	968	974	989	rBV	618636	1094031	28.13%	2.600%
7	8.851	992	997	1002	rBV4	25713	44455	1.14%	0.106%
8	9.434	1088	1096	1109	rBV	586675	1034406	26.60%	2.458%
9	9.969	1179	1187	1203	rBV	729231	1430010	36.77%	3.398%
10	10.333	1242	1249	1259	rVB	622643	1011797	26.02%	2.405%
11	10.486	1268	1275	1292	rBV	599229	1270827	32.68%	3.020%
12	13.439	1771	1777	1783	rBV3	58742	88511	2.28%	0.210%
13	13.639	1804	1811	1815	rBV	1564026	2243646	57.70%	5.332%
14	13.686	1815	1819	1834	rVB	390985	639647	16.45%	1.520%
15	13.904	1850	1856	1867	rBV	1770509	2635994	67.79%	6.264%
16	14.121	1886	1893	1898	rBV3	30918	48067	1.24%	0.114%
17	14.216	1901	1909	1920	rVV2	926707	1398946	35.98%	3.325%
18	14.457	1945	1950	1967	rBV	395711	937583	24.11%	2.228%
19	15.027	2041	2047	2051	rBV	33158	48176	1.24%	0.114%
20	15.080	2051	2056	2062	rVB	65716	86291	2.22%	0.205%
21	15.216	2073	2079	2093	rVB	2154884	3193807	82.13%	7.590%
22	15.363	2099	2104	2116	rBV	639210	1015589	26.12%	2.414%
23	15.463	2116	2121	2130	rVB6	35158	77510	1.99%	0.184%
24	15.945	2200	2203	2211	rVB2	61185	93471	2.40%	0.222%
25	16.739	2334	2338	2341	rBV3	43303	55861	1.44%	0.133%
26	16.974	2372	2378	2388	rBV	1195204	1690258	43.47%	4.017%
27	17.074	2388	2395	2407	rBV	2268375	3484162	89.60%	8.280%
28	17.480	2458	2464	2467	rVB2	32347	41365	1.06%	0.098%
29	17.880	2527	2532	2542	rBV	539025	815804	20.98%	1.939%
30	18.168	2577	2581	2585	rBV5	29687	40235	1.03%	0.096%
31	19.021	2720	2726	2729	rBV4	56671	90396	2.32%	0.215%
32	19.168	2747	2751	2759	rBV	306718	472939	12.16%	1.124%
33	19.380	2780	2787	2793	rBV	2772375	3888660	100.00%	9.241%
34	19.439	2793	2797	2805	rVB5	82497	121992	3.14%	0.290%

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35	20.897	3040	3045	3056	rBV	388758	693564	17.84%	1.648%
36	21.180	3087	3093	3105	rBV	1403455	2069009	53.21%	4.917%
37	23.221	3433	3440	3450	rBV2	2125513	3800183	97.72%	9.031%
38	23.362	3457	3464	3474	rVB	923009	1763682	45.35%	4.191%

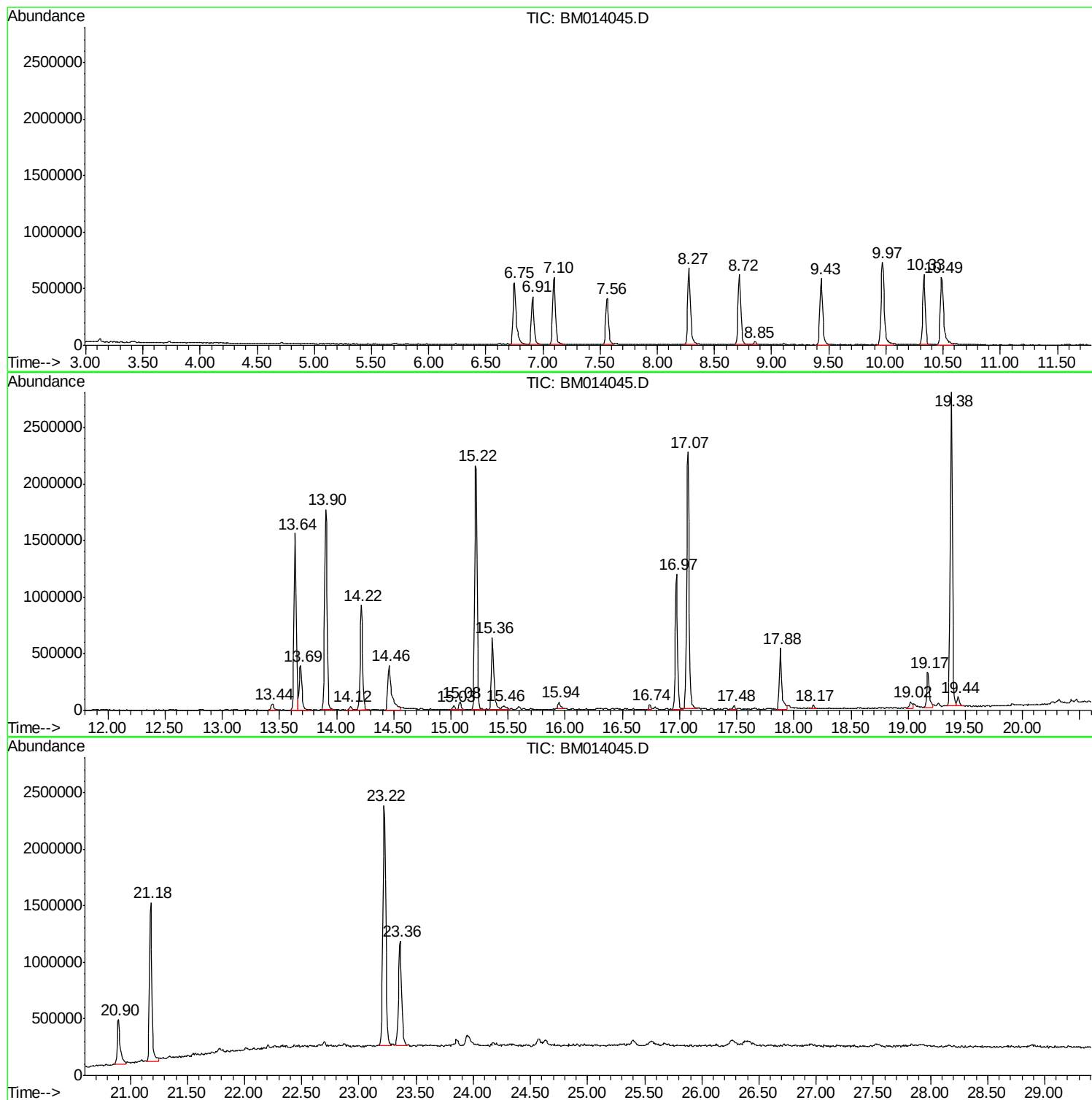
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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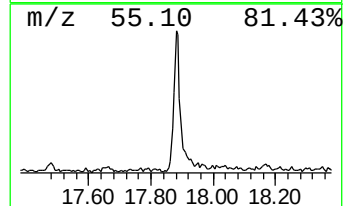
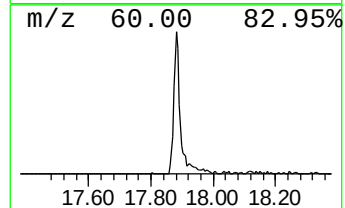
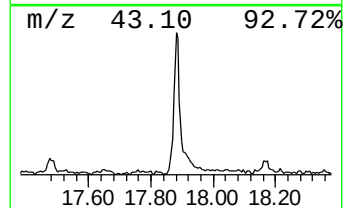
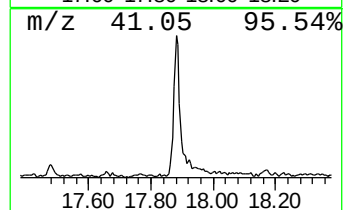
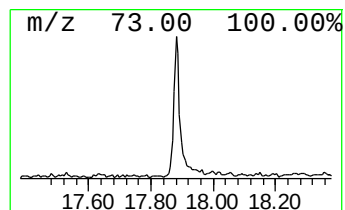
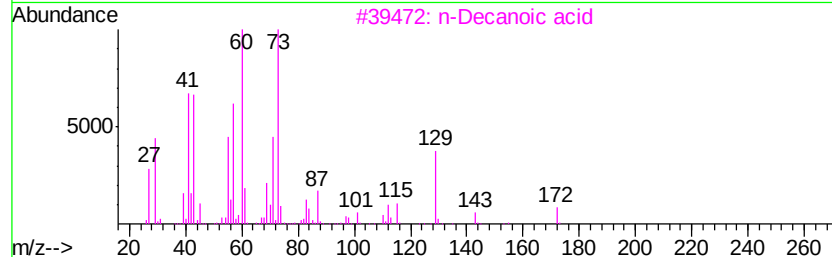
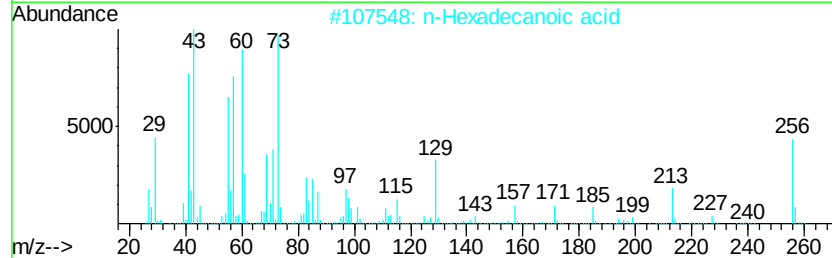
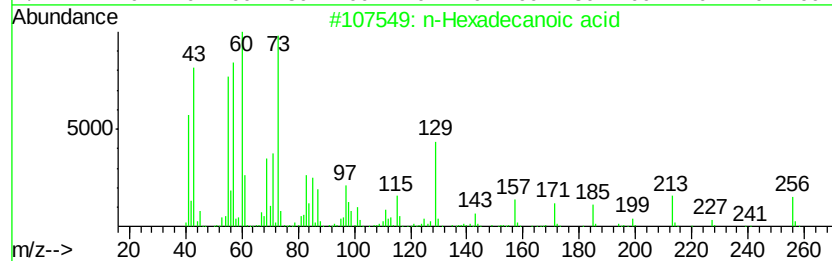
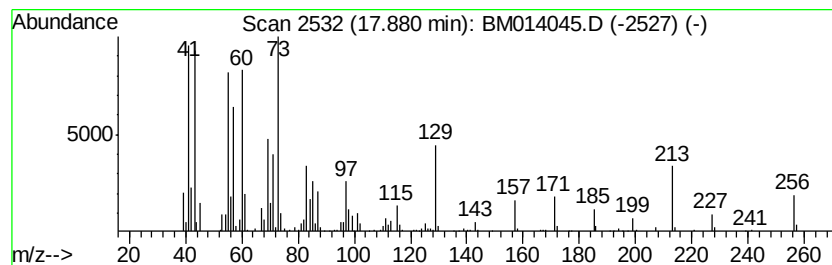
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.88	9.65 ng/ul	815804	Phenanthrene-d10	16.97	
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	95
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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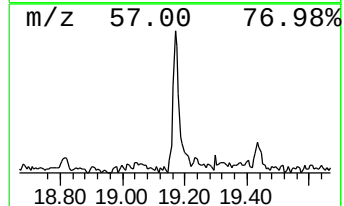
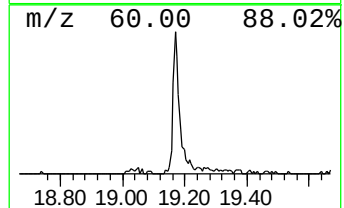
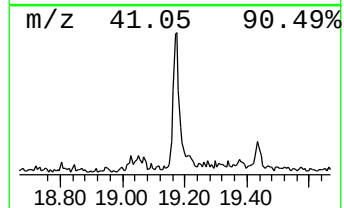
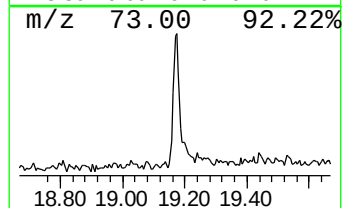
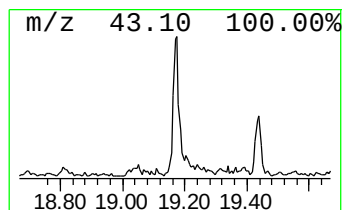
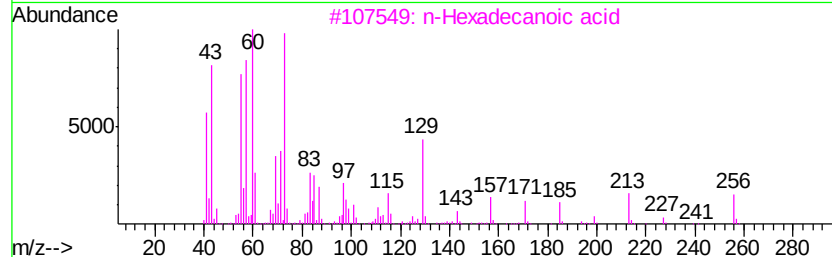
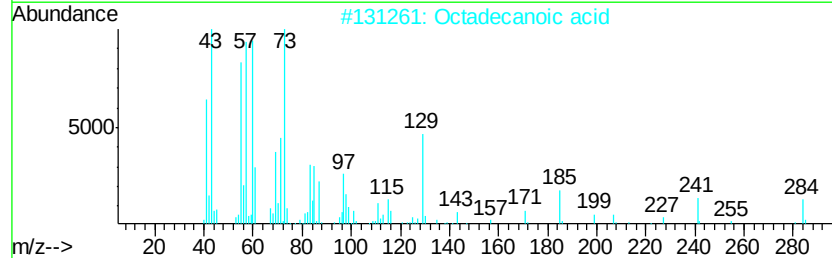
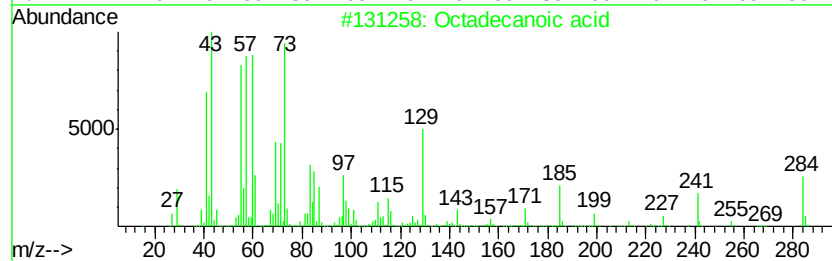
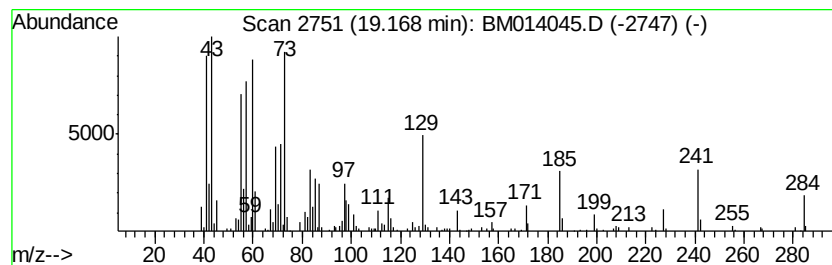
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.57 ng/ul	472939	Chrysene-d12	21.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	98
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	94
4	Octadecanoic acid	284 C18H36O2	000057-11-4	94
5	Octadecanoic acid	284 C18H36O2	000057-11-4	94



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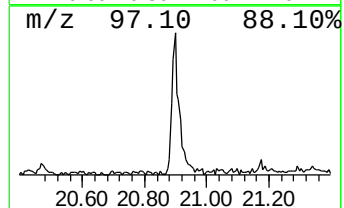
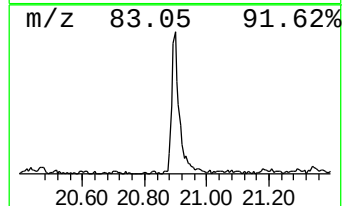
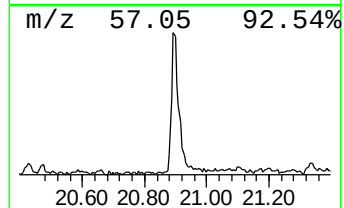
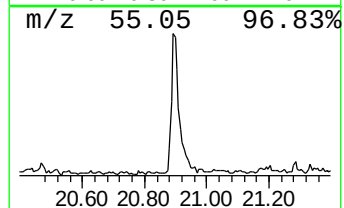
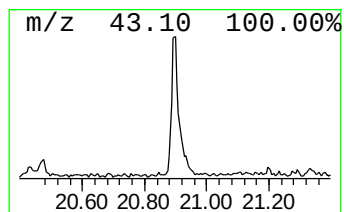
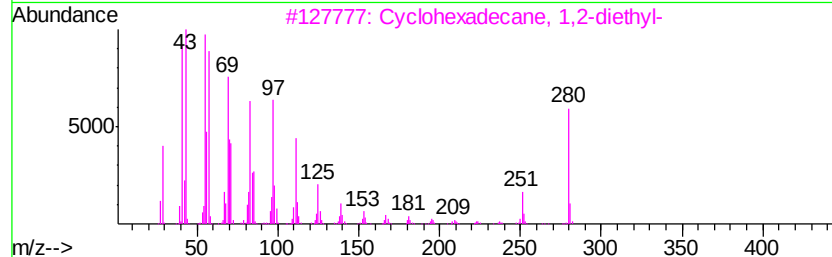
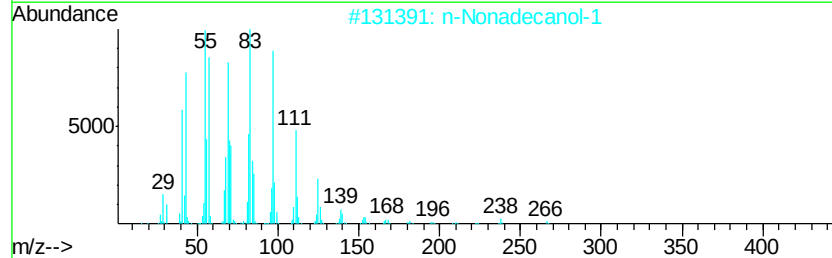
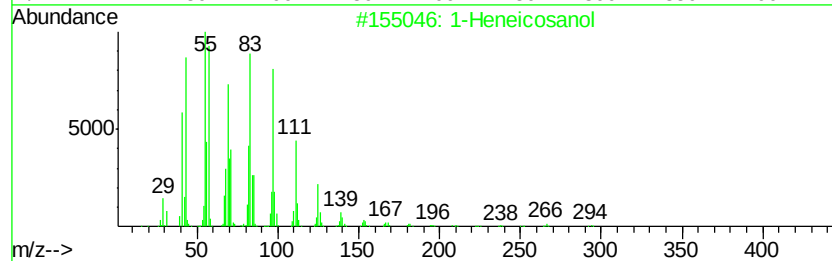
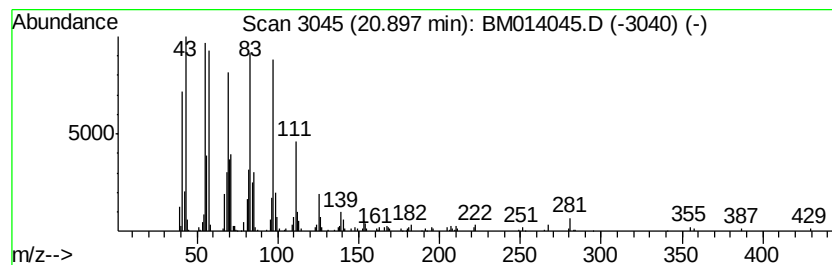
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.70 ng/ul	693564	Chrysene-d12	21.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284 C19H40O	001454-84-8	95
3	Cyclohexadecane, 1,2-diethyl-	280 C20H40	1000155-85-3	94
4	n-Tetracosanol-1	354 C24H50O	000506-51-4	93
5	1-Nonadecene	266 C19H38	018435-45-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	9.7	ng/ul	815804	4	16.97	1690260	20.0
Octadecanoic acid	19.17	4.6	ng/ul	472939	5	21.18	2069010	20.0
1-Heneicosanol	20.90	6.7	ng/ul	693564	5	21.18	2069010	20.0