

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021553.D
 Acq On : 19 Jul 2019 10:55
 Operator : HP/JU
 Sample : K3764-22
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52H1

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	6.887	657	663	677	rVB	802735	1303421	22.74%	2.546%
2	7.058	687	692	703	rVB	621741	986603	17.21%	1.927%
3	7.246	718	724	734	rVB	913239	1417683	24.74%	2.769%
4	7.710	797	803	811	rVB	618802	979553	17.09%	1.913%
5	8.416	917	923	940	rVB	1010190	1669174	29.12%	3.260%
6	8.875	994	1001	1014	rVB	815525	1352799	23.60%	2.642%
7	9.593	1116	1123	1134	rVB	635140	1079984	18.84%	2.109%
8	10.122	1206	1213	1237	rVB	1027961	1835115	32.02%	3.584%
9	10.493	1269	1276	1285	rVB	817858	1360682	23.74%	2.658%
10	10.646	1295	1302	1317	rBV	834580	1604679	28.00%	3.134%
11	12.098	1544	1549	1555	rBV2	12272	21257	0.37%	0.042%
12	12.951	1691	1694	1698	rBV3	3955	6031	0.11%	0.012%
13	13.775	1827	1834	1838	rBV	1758646	2457467	42.88%	4.800%
14	13.822	1838	1842	1849	rVB	425793	590041	10.30%	1.152%
15	14.051	1874	1881	1890	rBV	2082047	3120998	54.46%	6.096%
16	14.357	1926	1933	1943	rBV2	1180442	1764445	30.79%	3.446%
17	14.439	1943	1947	1952	rVB5	5043	6073	0.11%	0.012%
18	14.581	1965	1971	1994	rBV	404839	847674	14.79%	1.656%
19	14.792	2001	2007	2011	rVB9	8381	16470	0.29%	0.032%
20	15.116	2058	2062	2066	rBV	21227	30157	0.53%	0.059%
21	15.198	2072	2076	2080	rVB3	7230	8585	0.15%	0.017%
22	15.351	2096	2102	2113	rBV	2720625	3856222	67.28%	7.532%
23	15.486	2120	2125	2139	rBV	485050	735296	12.83%	1.436%
24	15.592	2139	2143	2149	rVB	29299	39196	0.68%	0.077%
25	16.133	2231	2235	2239	rBV3	7688	11514	0.20%	0.022%
26	16.898	2361	2365	2369	rVB2	4883	6616	0.12%	0.013%
27	17.110	2394	2401	2410	rBV	1543947	2108922	36.80%	4.119%
28	17.210	2411	2418	2429	rBV	2855897	4052512	70.71%	7.915%
29	18.004	2548	2553	2563	rBV	236612	402078	7.02%	0.785%
30	19.139	2743	2746	2750	rBV	39035	54677	0.95%	0.107%
31	19.286	2766	2771	2778	rBV2	133949	223919	3.91%	0.437%
32	19.392	2786	2789	2794	rBV2	26834	31985	0.56%	0.062%
33	19.504	2802	2808	2818	rBV	3623988	4944536	86.27%	9.658%
34	20.539	2981	2984	2988	rBV3	37145	46690	0.81%	0.091%

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Title : SVOA CALIBRATION

35	21.004	3059	3063	3072	rBV2	195143	355437	6.20%	0.694%
36	21.298	3108	3113	3126	rBV	1967375	2635276	45.98%	5.147%
37	21.439	3134	3137	3142	rBV2	108312	115849	2.02%	0.226%
38	21.874	3208	3211	3215	rBV	132487	151552	2.64%	0.296%
39	22.339	3287	3290	3294	rVB2	198639	232202	4.05%	0.454%
40	22.845	3373	3376	3381	rVB	218050	280854	4.90%	0.549%
41	23.409	3465	3472	3483	rBV	3263556	5731179	100.00%	11.194%
42	23.551	3490	3496	3511	rVB	1424609	2721812	47.49%	5.316%

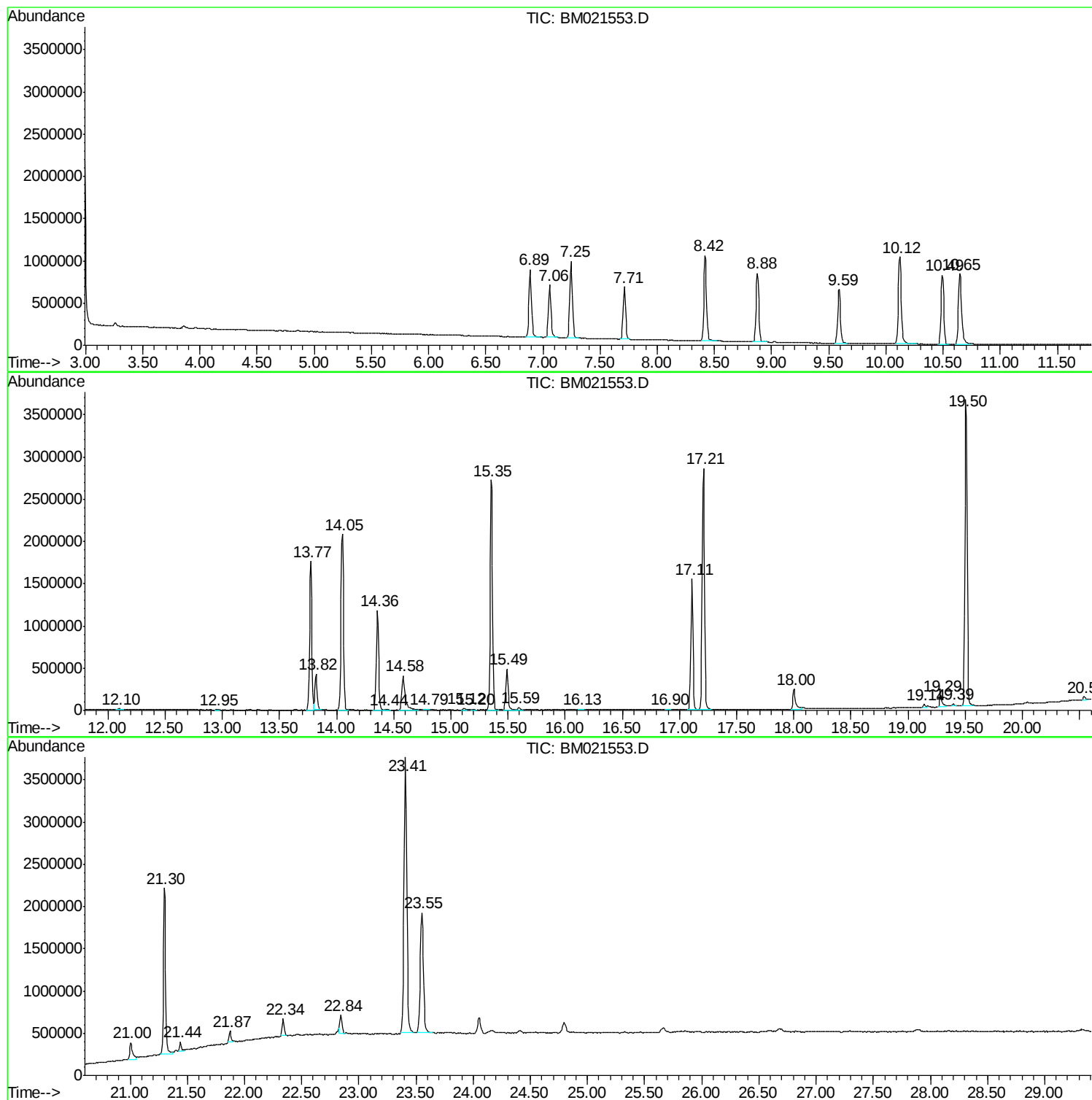
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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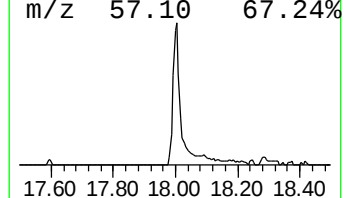
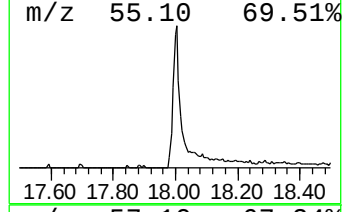
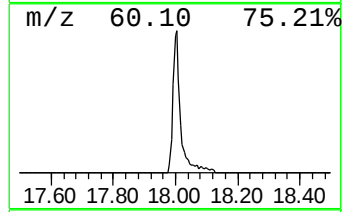
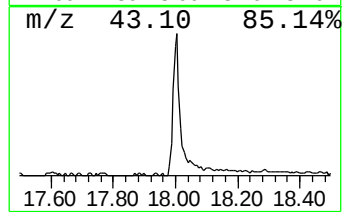
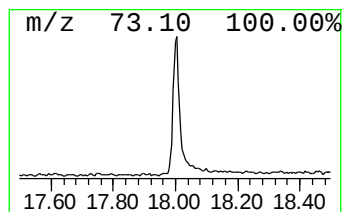
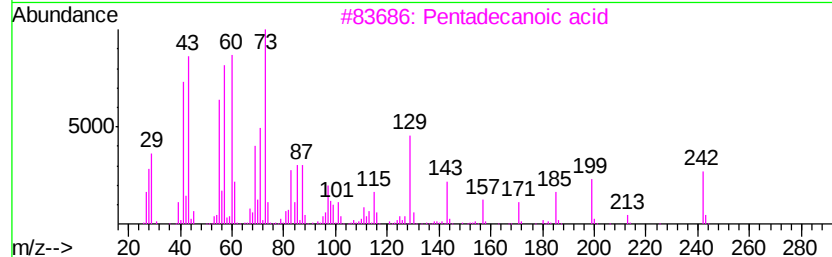
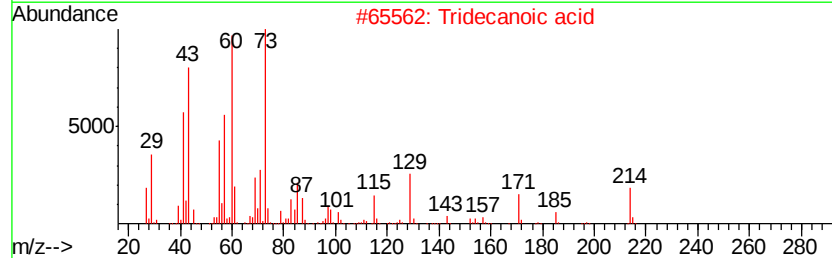
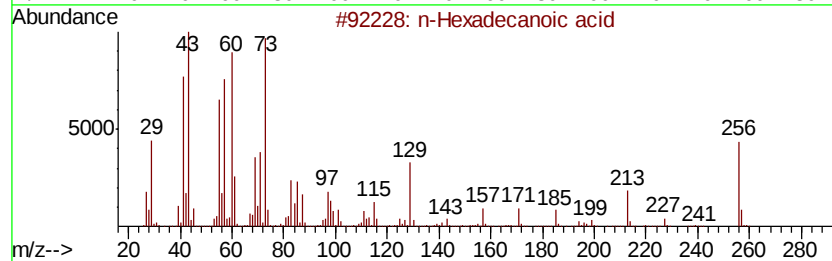
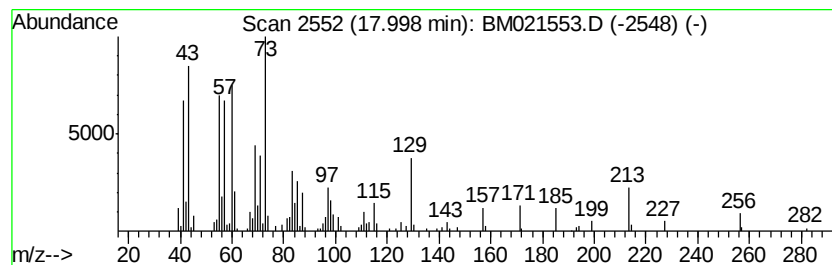
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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.	
18.00	3.81 ng/ul	402078	Phenanthrene-d10		17.11	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	72
4	n-Decanoic acid		172	C10H20O2	000334-48-5	70
5	Tridecanoic acid		214	C13H26O2	000638-53-9	64



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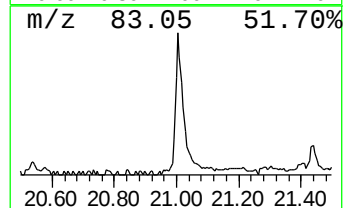
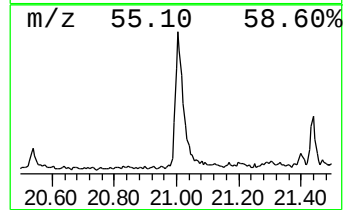
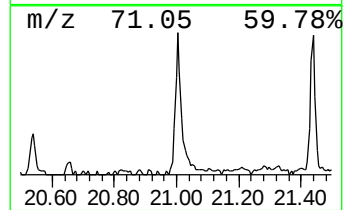
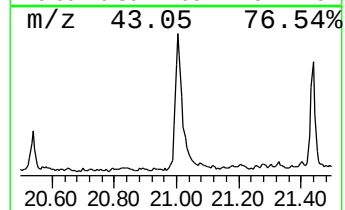
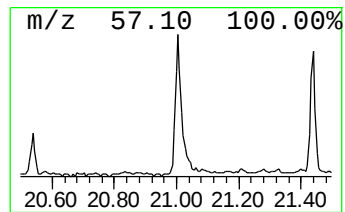
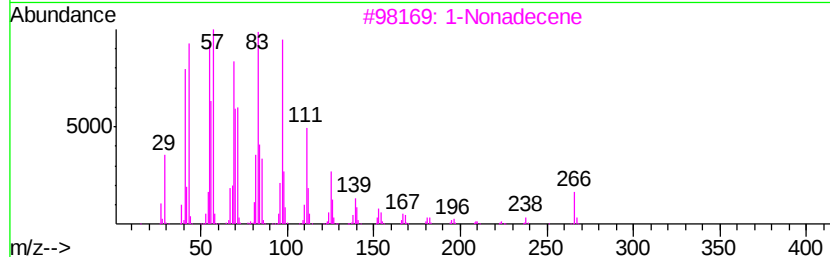
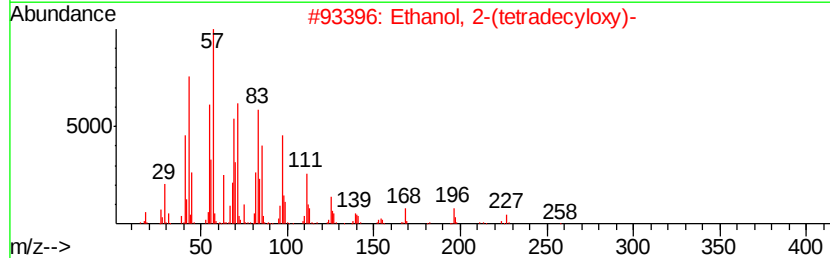
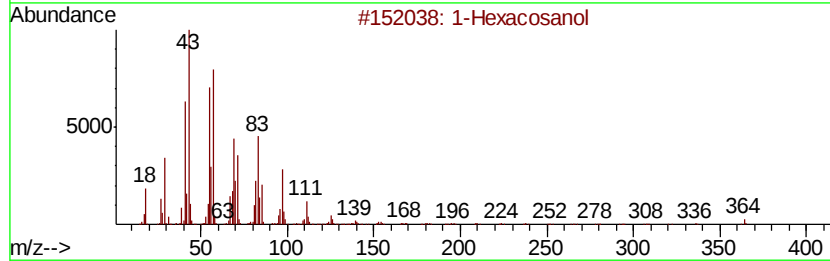
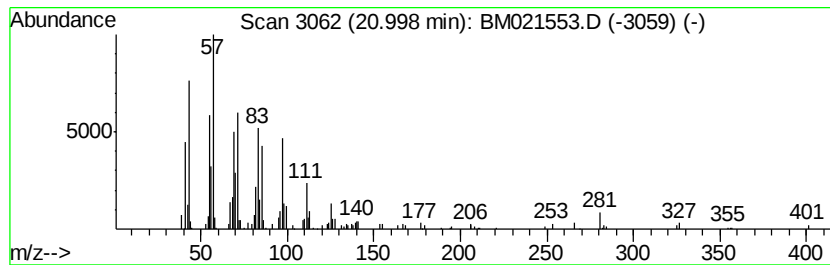
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 Peak Number 2 1-Hexacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.70 ng/ul	355437	Chrysene-d12	21.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexacosanol		382 C26H54O	000506-52-5 64
2	Ethanol, 2-(tetradecyloxy)-		258 C16H34O2	002136-70-1 62
3	1-Nonadecene		266 C19H38	018435-45-5 60
4	10-Heneicosene (c,t)		294 C21H42	095008-11-0 60
5	1-Octadecanol		270 C18H38O	000112-92-5 60



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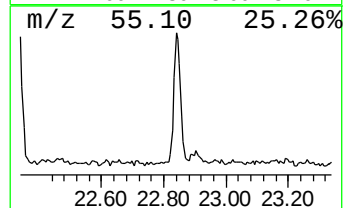
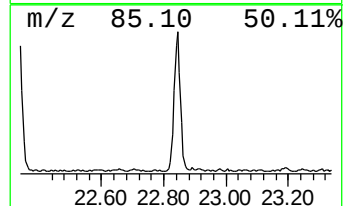
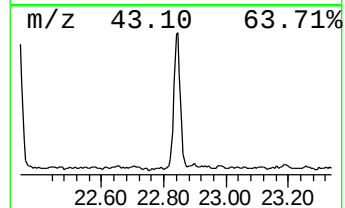
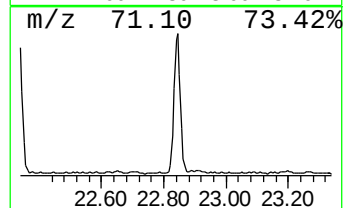
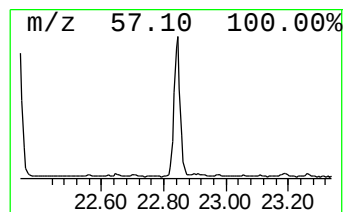
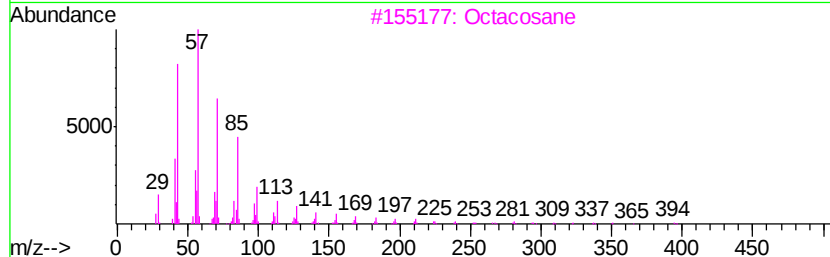
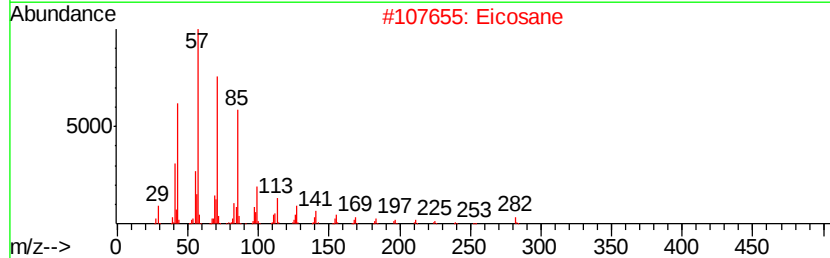
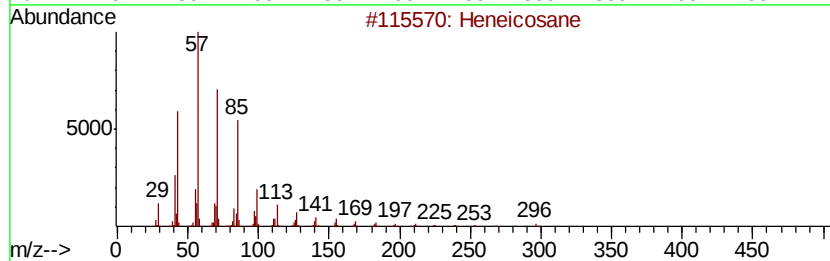
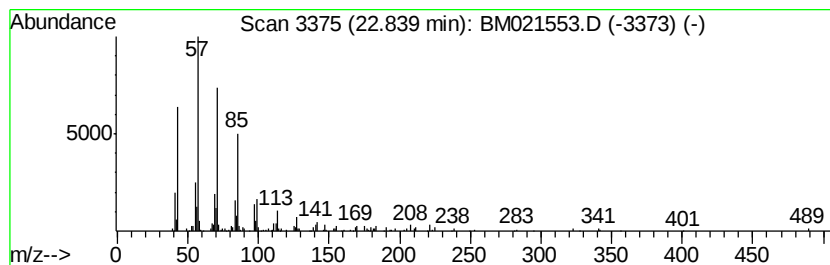
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.06 ng/ul	280854	Perylene-d12	23.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Docosane	310	C22H46	000629-97-0	87
5		Octadecane	254	C18H38	000593-45-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	3.8	ng/ul	402078	4	17.11	2108920	20.0
1-Hexacosanol	21.00	2.7	ng/ul	355437	5	21.30	2635280	20.0
(DEL) Alkane: Str...	22.84	2.1	ng/ul	280854	6	23.55	2721810	20.0