

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025703.D
 Acq On : 23 Mar 2020 21:56
 Operator : CG/JU
 Sample : L1890-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DA5

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-BM031420MA.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	3.146	41	44	47	rVB3	9758	11057	0.19%	0.025%
2	3.846	160	163	166	rVB4	6574	8346	0.14%	0.019%
3	4.763	316	319	325	rVB4	4877	7912	0.14%	0.018%
4	4.940	345	349	353	rVB3	7047	8069	0.14%	0.018%
5	6.757	651	658	668	rBV2	169974	283990	4.92%	0.630%
6	6.916	679	685	696	rBV	584543	884145	15.32%	1.962%
7	7.110	711	718	726	rBV	671129	1012319	17.54%	2.247%
8	7.575	791	797	806	rBV	537414	838872	14.53%	1.862%
9	7.922	852	856	861	rVB3	6796	9030	0.16%	0.020%
10	8.281	911	917	926	rVB	486749	738816	12.80%	1.640%
11	8.716	981	991	999	rBV	758928	1223786	21.20%	2.716%
12	9.198	1067	1073	1077	rVB3	10281	14140	0.24%	0.031%
13	9.434	1106	1113	1121	rBV	593573	961884	16.67%	2.135%
14	9.963	1195	1203	1218	rBV	933819	1516310	26.27%	3.365%
15	10.339	1259	1267	1275	rBV	726583	1176492	20.38%	2.611%
16	10.481	1284	1291	1297	rBV2	37003	65423	1.13%	0.145%
17	11.680	1491	1495	1501	rVB2	9856	14942	0.26%	0.033%
18	11.933	1534	1538	1543	rVB	12946	20118	0.35%	0.045%
19	13.022	1716	1723	1729	rBV6	22893	40090	0.69%	0.089%
20	13.133	1736	1742	1748	rBV	70860	110913	1.92%	0.246%
21	13.216	1752	1756	1760	rVV2	11866	16559	0.29%	0.037%
22	13.627	1820	1826	1831	rBV	1759173	2430440	42.11%	5.394%
23	13.674	1831	1834	1843	rVB	62325	94019	1.63%	0.209%
24	13.898	1864	1872	1882	rBV	2138354	2975649	51.56%	6.604%
25	14.210	1917	1925	1933	rVV	1097138	1577588	27.33%	3.501%
26	14.416	1953	1960	1970	rBV	144332	217488	3.77%	0.483%
27	14.533	1976	1980	1986	rVB6	5855	9052	0.16%	0.020%
28	14.745	2010	2016	2022	rBV	19971	39915	0.69%	0.089%
29	15.210	2088	2095	2102	rBV	2836517	3875464	67.15%	8.601%
30	15.333	2110	2116	2128	rBV	827853	1129113	19.56%	2.506%
31	15.451	2130	2136	2141	rVB	30984	41238	0.71%	0.092%
32	15.910	2208	2214	2217	rBV3	6908	10653	0.18%	0.024%
33	15.998	2225	2229	2233	rBV5	11029	12069	0.21%	0.027%
34	16.751	2351	2357	2362	rBV7	6446	13101	0.23%	0.029%

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35	16.957	2386	2392	2399	rBV	1355997	1846659	32.00%	4.098%
36	17.057	2402	2409	2419	rBV	3351303	4477316	77.58%	9.936%
37	17.204	2432	2434	2441	rVB6	6065	8239	0.14%	0.018%
38	17.368	2459	2462	2469	rVB7	19022	27869	0.48%	0.062%
39	17.880	2545	2549	2555	rBV	68762	96138	1.67%	0.213%
40	17.939	2555	2559	2564	rVB3	19397	30056	0.52%	0.067%
41	18.745	2692	2696	2706	rBV	118787	162376	2.81%	0.360%
42	18.827	2706	2710	2714	rVV6	13974	17833	0.31%	0.040%
43	18.992	2734	2738	2744	rVB	34510	48164	0.83%	0.107%
44	19.074	2748	2752	2758	rVB7	26406	36916	0.64%	0.082%
45	19.168	2766	2768	2771	rBV3	9254	6448	0.11%	0.014%
46	19.239	2776	2780	2786	rVB	28277	37610	0.65%	0.083%
47	19.356	2793	2800	2806	rBV	4023368	5176399	89.69%	11.488%
48	19.403	2806	2808	2813	rVB4	20989	25487	0.44%	0.057%
49	19.903	2890	2893	2896	rVV4	13205	12488	0.22%	0.028%
50	19.945	2897	2900	2904	rVB4	21259	23127	0.40%	0.051%
51	20.892	3057	3061	3068	rBV	345929	432033	7.49%	0.959%
52	21.150	3100	3105	3110	rBV	1774114	2184913	37.86%	4.849%
53	21.762	3207	3209	3214	rVB3	61407	68718	1.19%	0.153%
54	22.209	3282	3285	3289	rBV	108102	113717	1.97%	0.252%
55	22.697	3364	3368	3372	rVB	142833	189446	3.28%	0.420%
56	23.168	3441	3448	3455	rBV	3521535	5771476	100.00%	12.809%
57	23.239	3456	3460	3464	rVV2	186313	277008	4.80%	0.615%
58	23.303	3464	3471	3479	rVB	1337771	2339722	40.54%	5.193%
59	23.850	3560	3564	3571	rVB	149474	260340	4.51%	0.578%

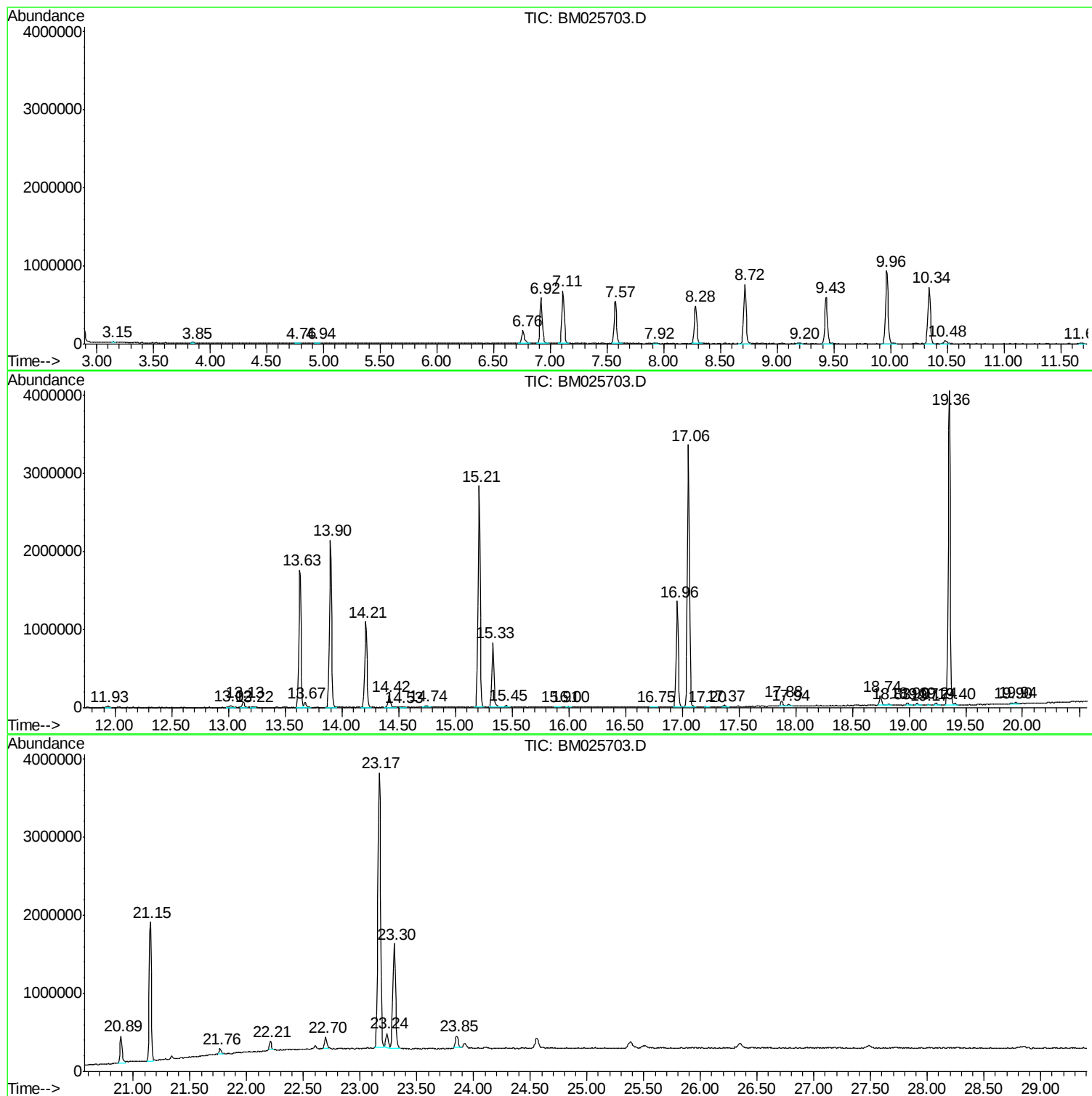
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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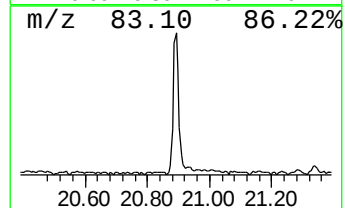
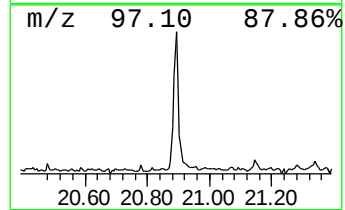
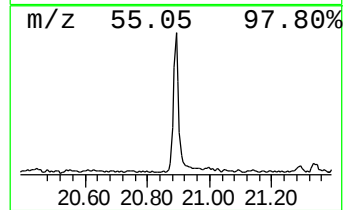
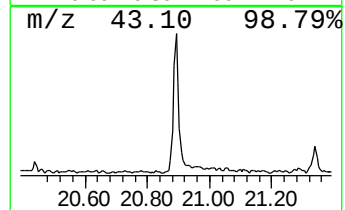
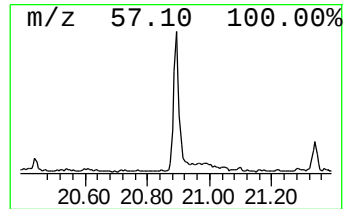
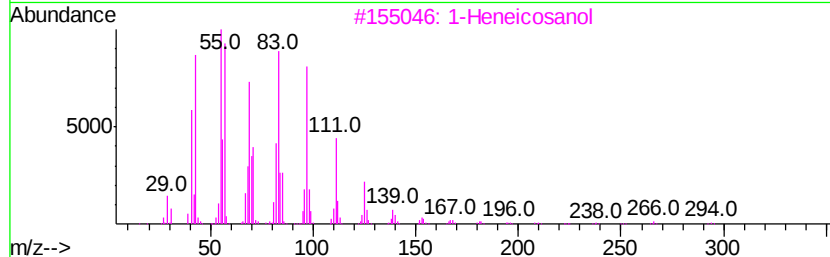
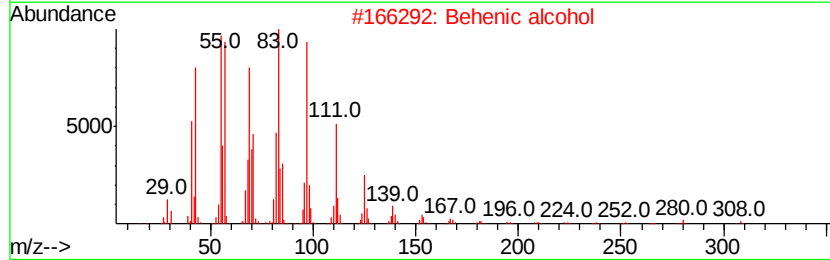
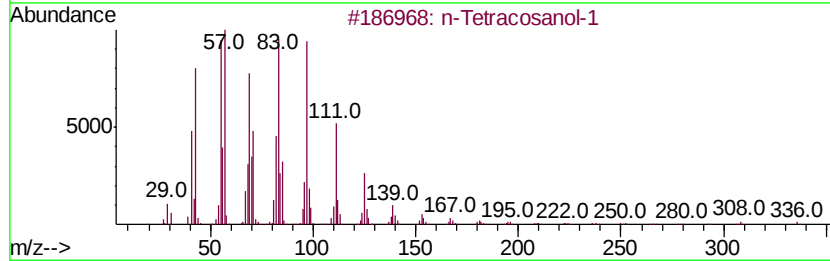
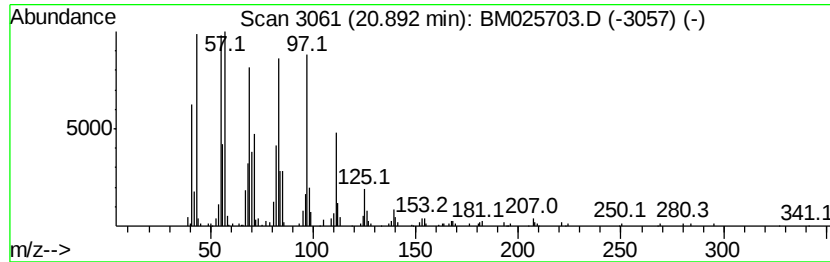
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	3.95 ng/ul	432033	Chrysene-d12	21.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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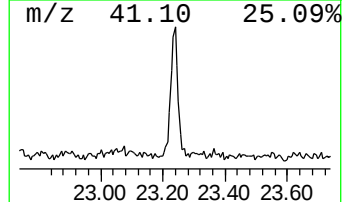
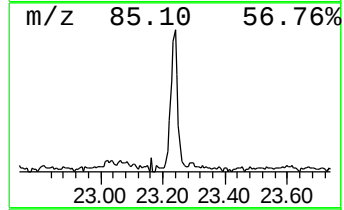
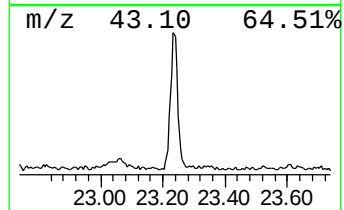
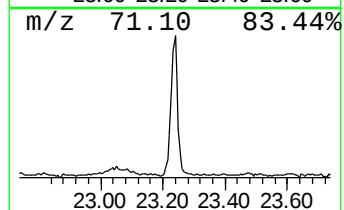
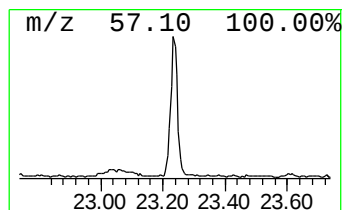
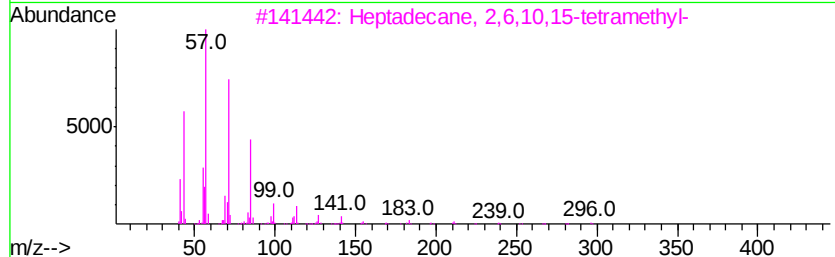
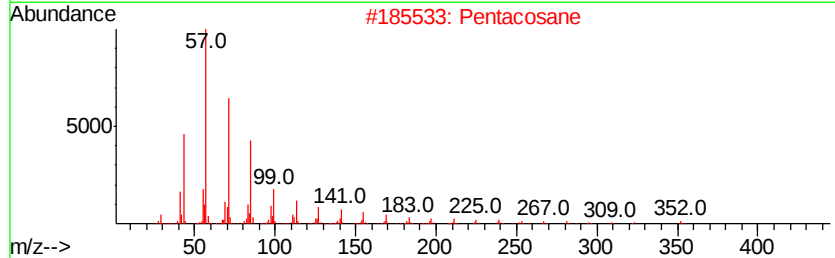
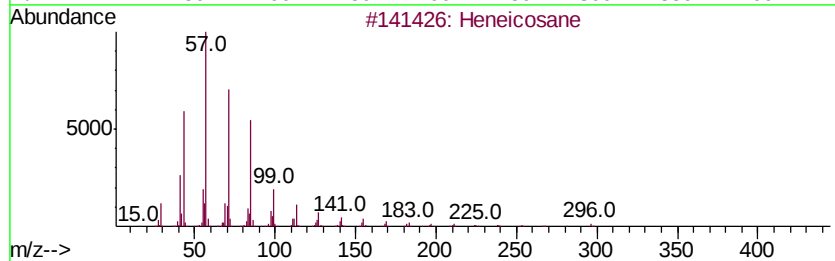
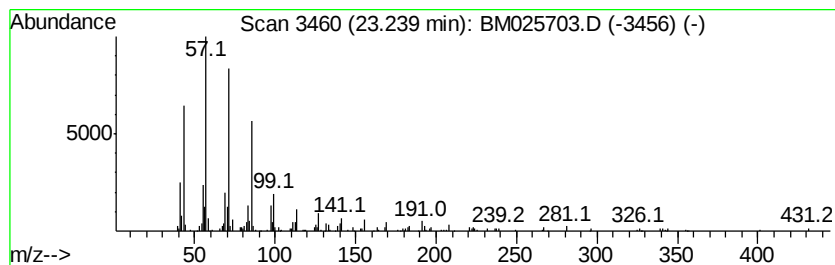
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	2.37 ng/ul	277008	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Pentacosane	352	C25H52	000629-99-2	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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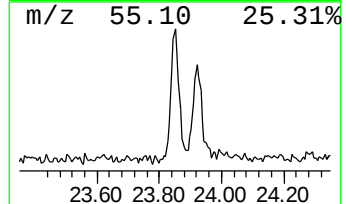
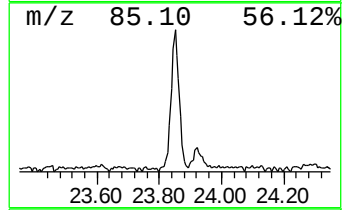
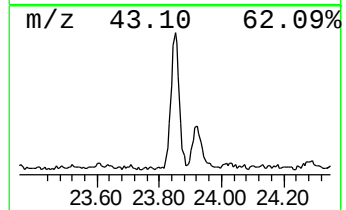
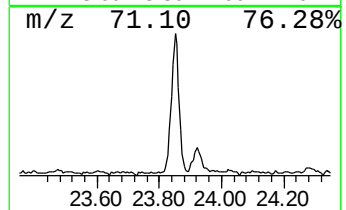
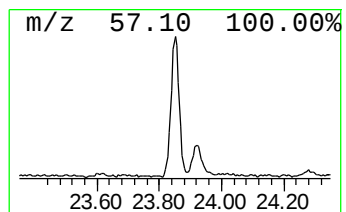
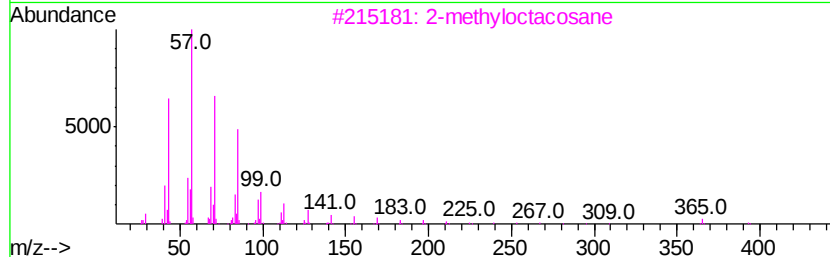
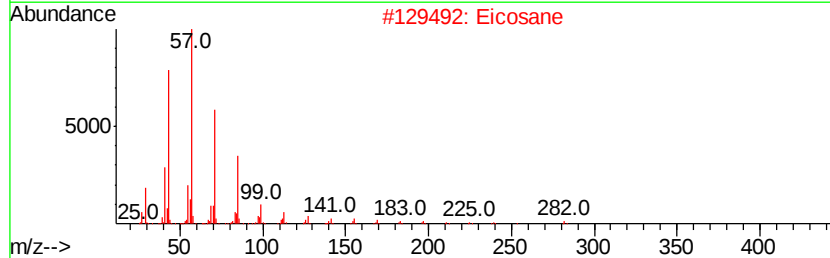
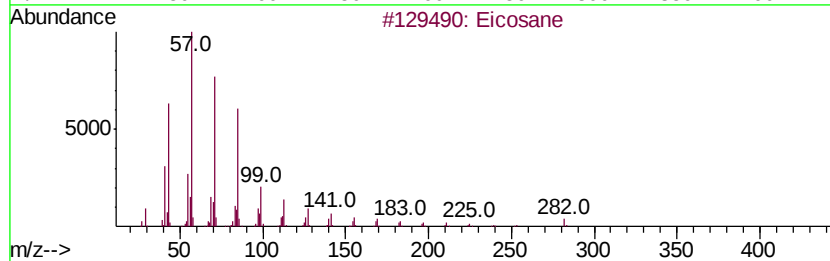
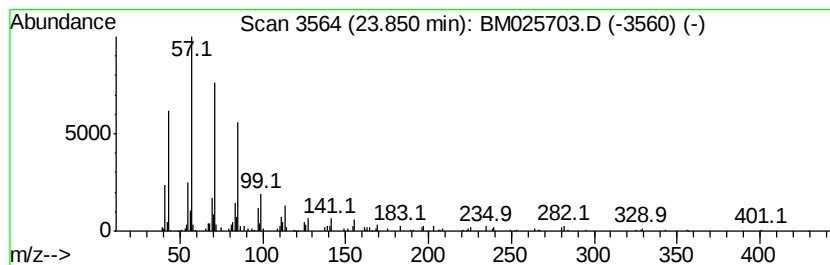
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.23 ng/ul	260340	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		triacontane	422	C30H62	000638-68-6	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Tetracosanol-1	20.89	4.0	ng/ul	432033	5	21.15	2184910	20.0
(DEL) Alkane: Str...	23.24	2.4	ng/ul	277008	6	23.30	2339720	20.0
(DEL) Alkane: Str...	23.85	2.2	ng/ul	260340	6	23.30	2339720	20.0