

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050616\
 Data File : BM005287.D
 Acq On : 07 May 2016 01:34
 Operator : UM/SJ
 Sample : H2820-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3A2

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\SOM02.2-EPA-BM050516.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	2.734	4	8	19	rVB	22965	36240	1.40%	0.143%
2	3.011	52	55	61	rVB	28759	34885	1.35%	0.138%
3	6.940	718	723	735	rBV	169621	285571	11.02%	1.129%
4	7.104	745	751	760	rBV	135964	211968	8.18%	0.838%
5	7.304	779	785	794	rBV	176661	280494	10.82%	1.109%
6	7.769	856	864	873	rBV	371831	614613	23.72%	2.431%
7	8.475	979	984	996	rBV	197066	317383	12.25%	1.255%
8	8.928	1055	1061	1070	rBV	163901	270708	10.45%	1.071%
9	9.645	1178	1183	1195	rBV	139687	230406	8.89%	0.911%
10	10.181	1268	1274	1287	rBV	228074	401252	15.48%	1.587%
11	10.557	1331	1338	1346	rBV	604243	1029769	39.74%	4.073%
12	10.698	1357	1362	1378	rBV	122133	230769	8.91%	0.913%
13	13.822	1886	1893	1897	rBV	495599	691141	26.67%	2.733%
14	13.869	1897	1901	1908	rVB	146128	207257	8.00%	0.820%
15	14.104	1934	1941	1953	rVB	543445	834913	32.22%	3.302%
16	14.304	1969	1975	1981	rBV	35420	46802	1.81%	0.185%
17	14.416	1983	1994	2001	rBV2	922898	1503907	58.04%	5.948%
18	14.622	2025	2029	2042	rBV	124325	235838	9.10%	0.933%
19	15.257	2132	2137	2142	rBV	53116	64564	2.49%	0.255%
20	15.404	2156	2162	2169	rBV	723957	1091276	42.11%	4.316%
21	15.533	2179	2184	2193	rVB	199557	278449	10.75%	1.101%
22	16.121	2279	2284	2292	rBV	55655	93932	3.62%	0.371%
23	16.910	2411	2418	2422	rBV2	30553	46566	1.80%	0.184%
24	16.963	2422	2427	2437	rVB6	11651	33806	1.30%	0.134%
25	17.163	2455	2461	2465	rBV2	1229183	1872431	72.26%	7.405%
26	17.204	2465	2468	2472	rVV	154179	208150	8.03%	0.823%
27	17.257	2472	2477	2488	rVB2	813341	1219676	47.07%	4.824%
28	17.568	2527	2530	2539	rVB2	13932	27105	1.05%	0.107%
29	18.051	2605	2612	2615	rBV2	70468	136079	5.25%	0.538%
30	18.080	2615	2617	2624	rVV	54535	76516	2.95%	0.303%
31	18.227	2637	2642	2646	rBV2	49654	85301	3.29%	0.337%
32	18.268	2646	2649	2652	rVB2	27780	34959	1.35%	0.138%
33	18.539	2690	2695	2699	rBV	36656	49483	1.91%	0.196%
34	18.580	2699	2702	2707	rVB2	36575	51156	1.97%	0.202%

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35	18.957	2761	2766	2771	rBV	30483	60218	2.32%	0.238%
36	19.098	2785	2790	2798	rBV4	32319	61959	2.39%	0.245%
37	19.221	2802	2811	2818	rVB	599384	833059	32.15%	3.295%
38	19.333	2825	2830	2833	rBV4	30642	52317	2.02%	0.207%
39	19.374	2833	2837	2841	rVB	31949	41913	1.62%	0.166%
40	19.556	2862	2868	2871	rBV2	1124527	1679068	64.80%	6.640%
41	19.586	2871	2873	2881	rVV	539101	622283	24.01%	2.461%
42	19.656	2881	2885	2891	rVB2	39050	58426	2.25%	0.231%
43	19.768	2898	2904	2909	rBV	35197	55993	2.16%	0.221%
44	19.827	2910	2914	2919	rVB	28935	48246	1.86%	0.191%
45	19.909	2923	2928	2935	rVV3	49610	108423	4.18%	0.429%
46	20.045	2946	2951	2953	rBV3	41625	69630	2.69%	0.275%
47	20.080	2953	2957	2962	rVB	84749	145037	5.60%	0.574%
48	20.180	2970	2974	2978	rBV2	44667	51597	1.99%	0.204%
49	20.239	2978	2984	2988	rBV3	66797	124561	4.81%	0.493%
50	20.321	2994	2998	3003	rBV3	17057	27947	1.08%	0.111%
51	20.380	3004	3008	3012	rBV	49743	69385	2.68%	0.274%
52	20.427	3013	3016	3020	rVB3	32706	40293	1.55%	0.159%
53	20.833	3081	3085	3091	rVB	56984	82652	3.19%	0.327%
54	21.039	3116	3120	3121	rBV	49770	61856	2.39%	0.245%
55	21.127	3133	3135	3141	rVB	51650	75739	2.92%	0.300%
56	21.351	3166	3173	3177	rBV	1708459	2591266	100.00%	10.248%
57	21.386	3177	3179	3186	rVB	246337	289536	11.17%	1.145%
58	22.397	3348	3351	3356	rVB3	43899	57350	2.21%	0.227%
59	22.903	3433	3437	3440	rBV	126883	203661	7.86%	0.805%
60	22.939	3440	3443	3458	rVB	160041	510496	19.70%	2.019%
61	23.427	3521	3526	3529	rBV	92253	165655	6.39%	0.655%
62	23.480	3529	3535	3540	rVV2	645414	1184211	45.70%	4.683%
63	23.627	3553	3560	3567	rBV	930956	1835785	70.85%	7.260%
64	24.133	3640	3646	3653	rVB	169464	335821	12.96%	1.328%
65	24.880	3768	3773	3784	rBV2	80909	195102	7.53%	0.772%
66	25.338	3847	3851	3859	rVB2	67223	143552	5.54%	0.568%
67	25.762	3917	3923	3934	rVB2	85660	218948	8.45%	0.866%
68	27.462	4204	4212	4231	rVB2	98989	350190	13.51%	1.385%

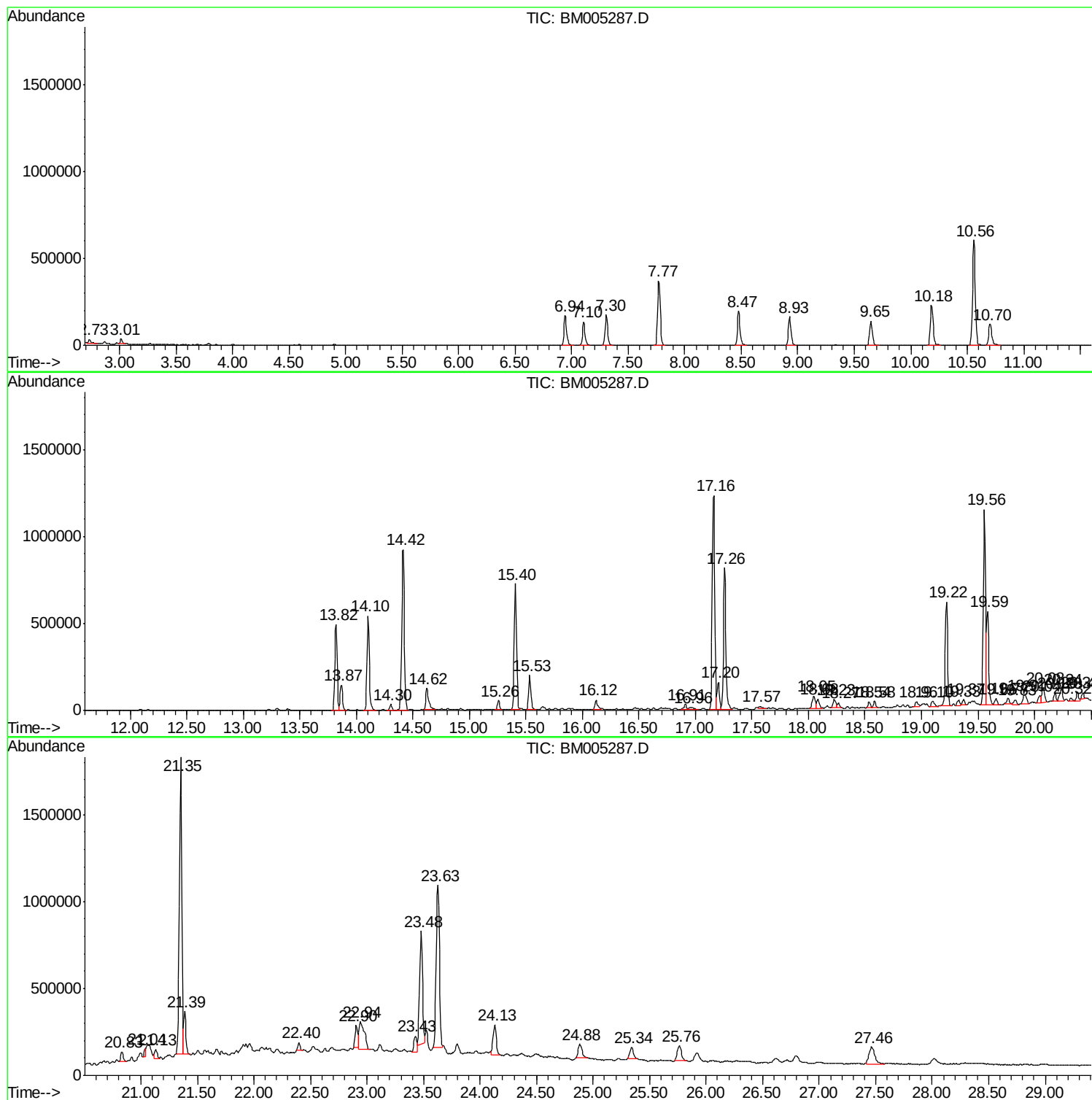
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Quant Title : SVOA CALIBRATION

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



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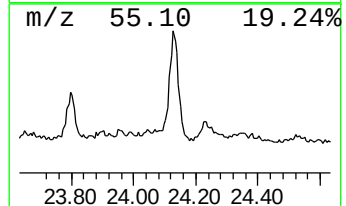
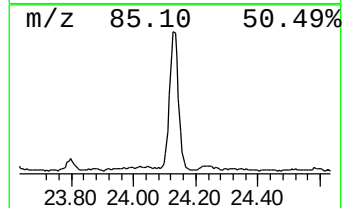
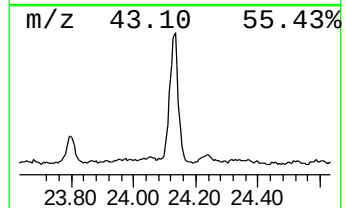
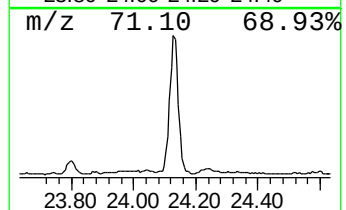
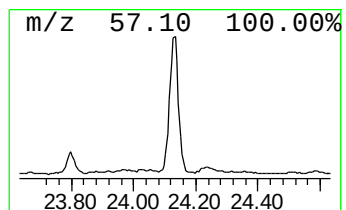
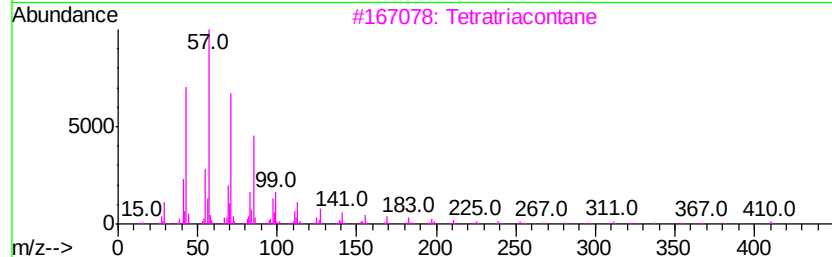
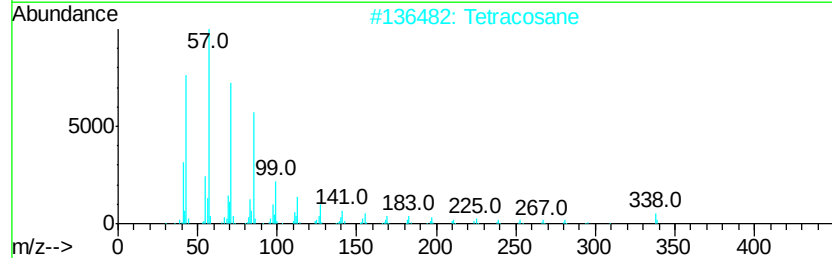
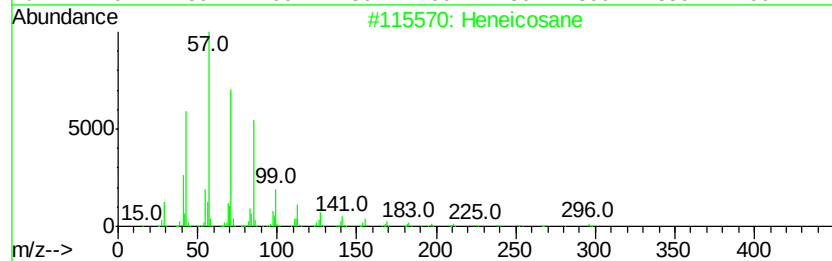
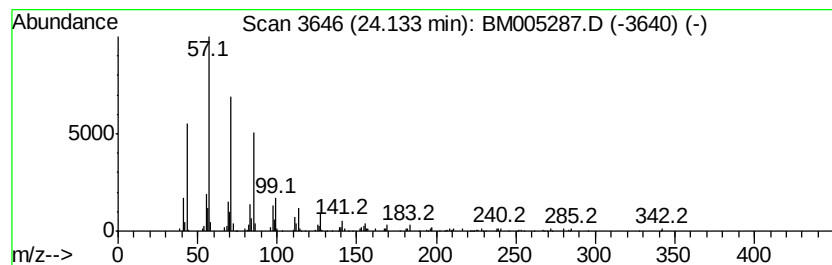
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.66 ng/ul	335821	Perylene-d12	23.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tetratriacontane	479	C34H70	014167-59-0	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Hentriacontane	437	C31H64	000630-04-6	91



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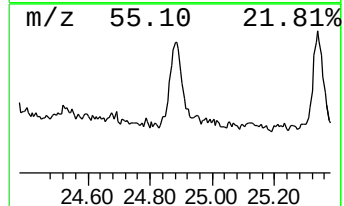
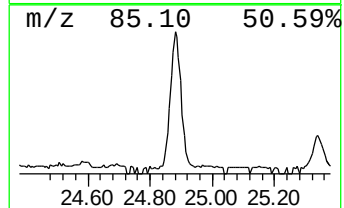
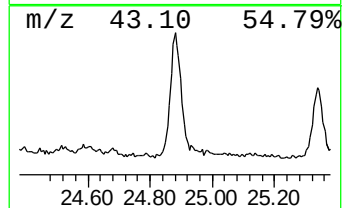
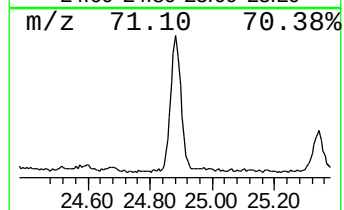
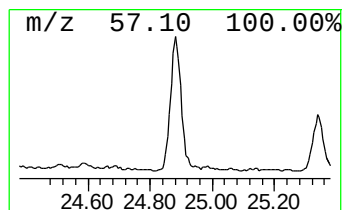
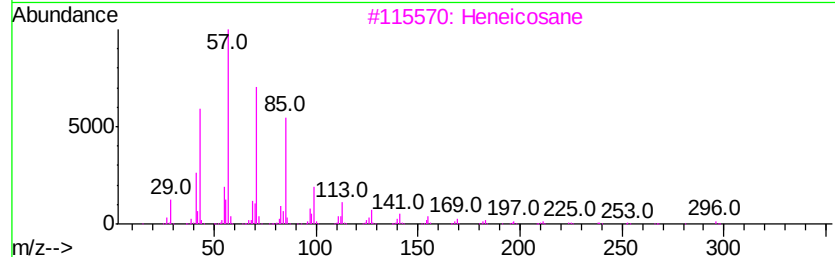
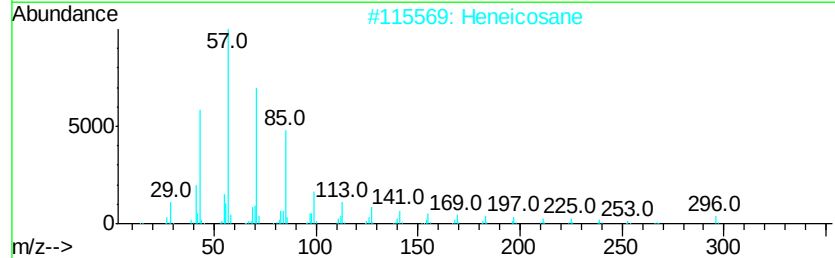
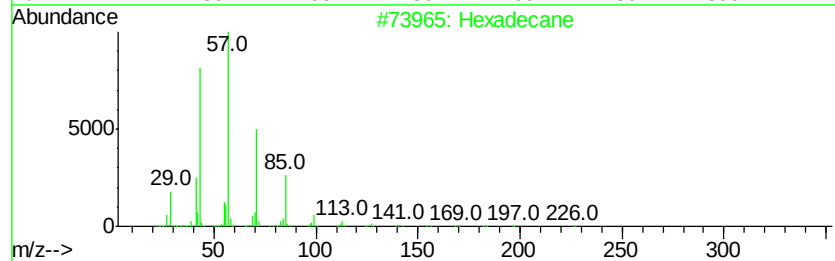
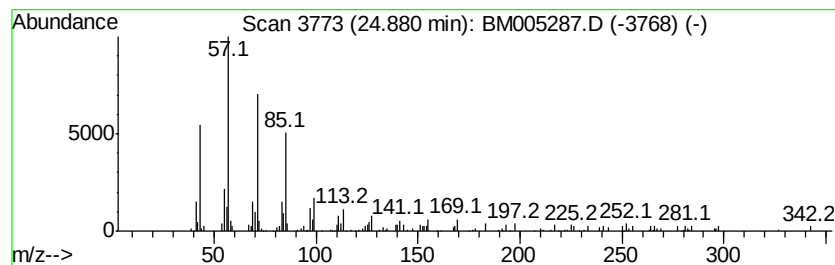
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	2.13 ng/ul	195102	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Heneicosane	296	C21H44	000629-94-7	95
3		Heneicosane	296	C21H44	000629-94-7	93
4		Nonacosane	408	C29H60	000630-03-5	90
5		Heptacosane	380	C27H56	000593-49-7	90



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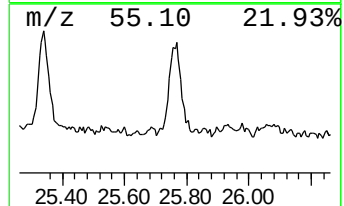
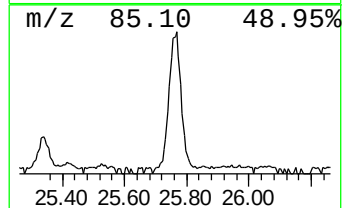
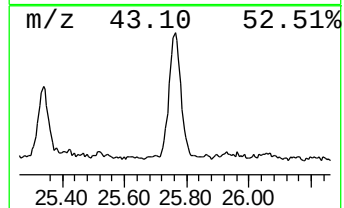
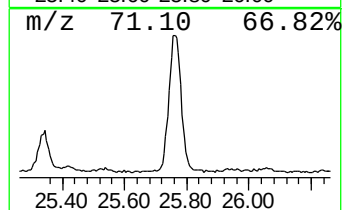
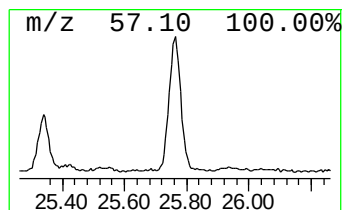
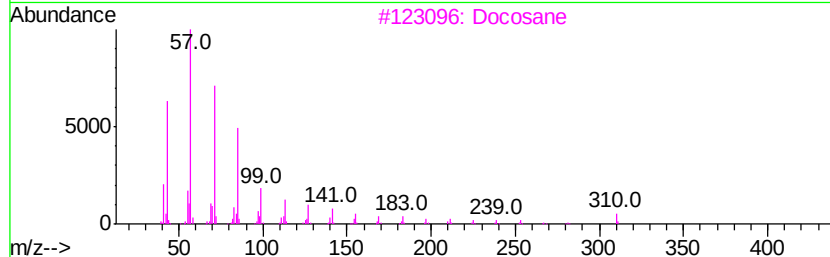
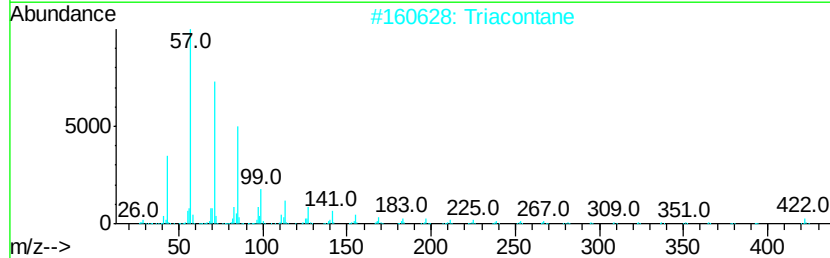
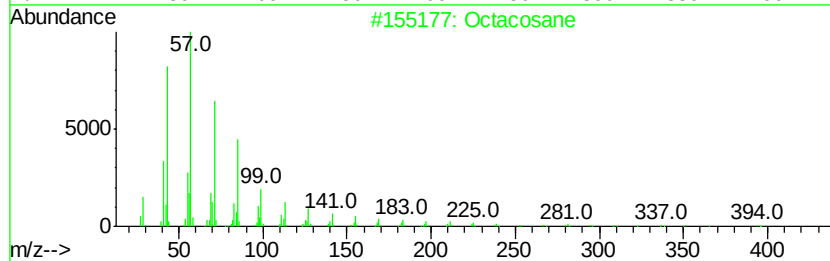
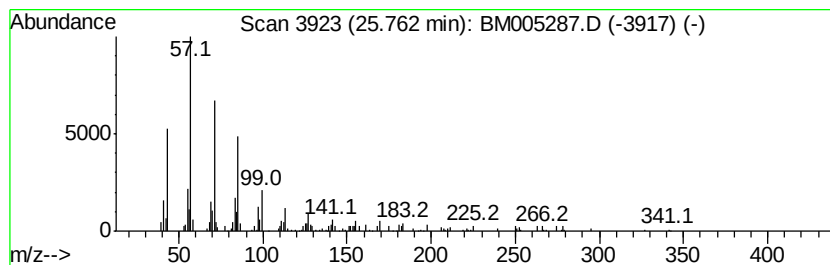
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	2.39 ng/ul	218948	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Docosane	310	C22H46	000629-97-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane	282	C20H42	000112-95-8	91



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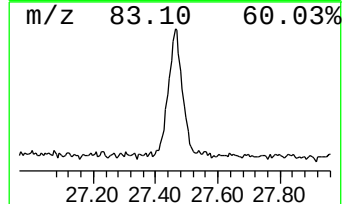
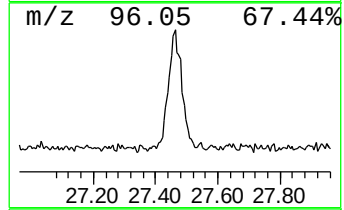
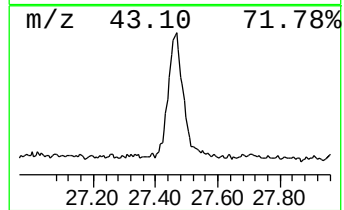
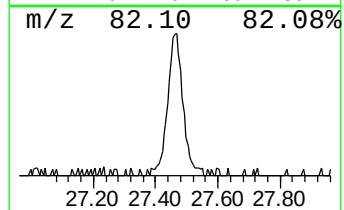
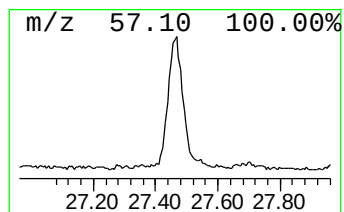
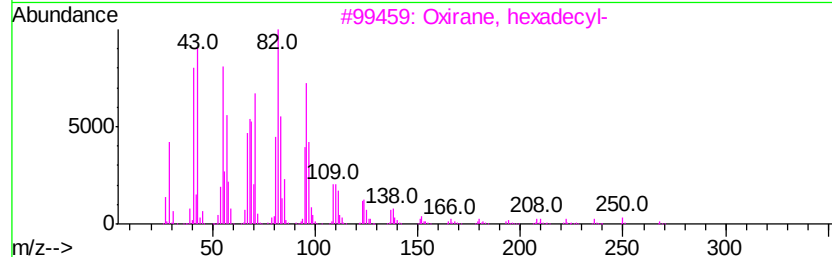
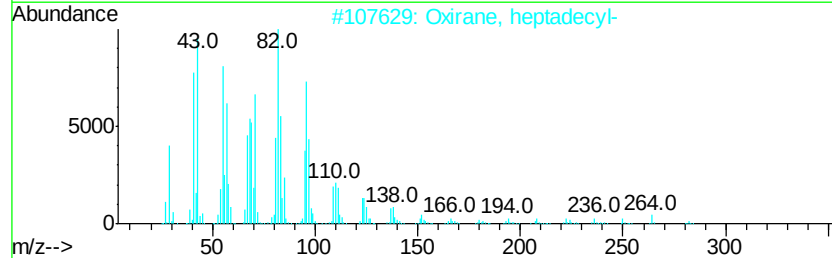
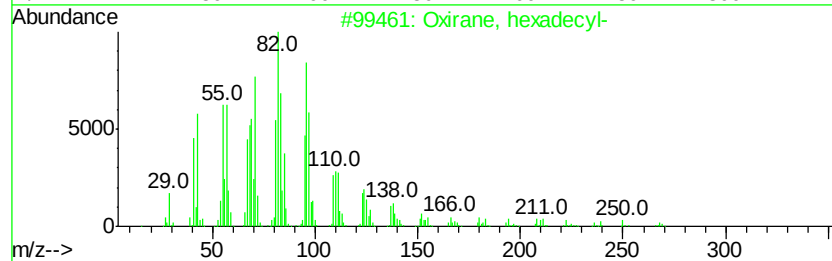
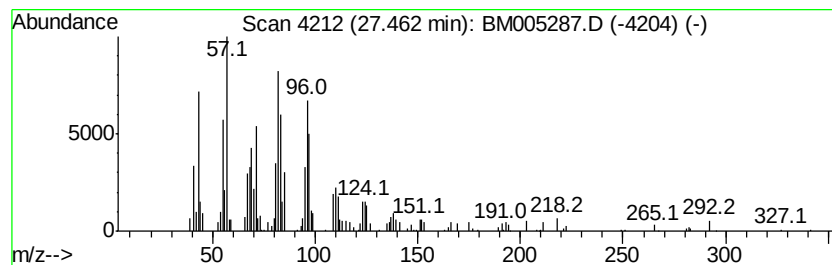
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Oxirane, hexadecyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.46	3.82 ng/ul	350190	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	94
2	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	93
3	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91
4	Octadecanal	268 C18H36O	000638-66-4	86
5	1,19-Eicosadiene	278 C20H38	014811-95-1	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	24.13	3.7	ng/ul	335821	6	23.63	1835790	20.0
(DEL) Alkane: Str...	24.88	2.1	ng/ul	195102	6	23.63	1835790	20.0
(DEL) Alkane: Str...	25.76	2.4	ng/ul	218948	6	23.63	1835790	20.0
Oxirane, hexadecyl-	27.46	3.8	ng/ul	350190	6	23.63	1835790	20.0