

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018140.D
 Acq On : 13 Dec 2018 21:54
 Operator : JU/SJ
 Sample : J6236-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E17

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-BM121318MA.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	3.104	34	37	41	rBV	9969	13564	0.52%	0.055%
2	3.399	84	87	90	rVB2	3525	3361	0.13%	0.014%
3	3.604	115	122	126	rBV3	6437	11599	0.45%	0.047%
4	3.699	130	138	145	rBV	23091	39520	1.53%	0.159%
5	3.793	151	154	159	rVB2	5246	7097	0.27%	0.029%
6	3.904	168	173	179	rVB	23409	35529	1.37%	0.143%
7	4.157	212	216	219	rBV4	3720	4345	0.17%	0.018%
8	4.204	221	224	225	rBV2	4248	2661	0.10%	0.011%
9	4.334	242	246	250	rVB3	2790	2937	0.11%	0.012%
10	4.675	299	304	313	rBV	40590	66044	2.56%	0.266%
11	5.940	514	519	525	rBV	22392	32746	1.27%	0.132%
12	6.145	548	554	558	rVB2	1739	2720	0.11%	0.011%
13	6.640	635	638	644	rBV2	2710	4400	0.17%	0.018%
14	6.710	644	650	664	rBV2	199874	433004	16.75%	1.745%
15	6.863	669	676	690	rVV	204275	325449	12.59%	1.312%
16	7.051	702	708	718	rVV	251632	429069	16.60%	1.729%
17	7.157	723	726	734	rBV5	5692	14656	0.57%	0.059%
18	7.345	756	758	762	rVB2	3759	4241	0.16%	0.017%
19	7.428	765	772	774	rBV3	1581	2596	0.10%	0.010%
20	7.510	780	786	794	rBV	407668	662899	25.65%	2.672%
21	7.587	797	799	802	rVB2	4166	4523	0.17%	0.018%
22	8.234	902	909	920	rBV2	237620	444097	17.18%	1.790%
23	8.339	923	927	933	rVB2	11121	19234	0.74%	0.078%
24	8.669	975	983	996	rBV	220034	380718	14.73%	1.534%
25	9.051	1043	1048	1052	rBV	14501	20468	0.79%	0.082%
26	9.381	1098	1104	1116	rBV	186202	322720	12.48%	1.301%
27	9.916	1189	1195	1212	rBV	227864	483108	18.69%	1.947%
28	10.275	1248	1256	1265	rBV	596894	980675	37.94%	3.952%
29	10.439	1277	1284	1305	rBV	182072	453230	17.53%	1.827%
30	11.539	1466	1471	1476	rVB4	2460	4685	0.18%	0.019%
31	11.904	1529	1533	1534	rBV2	2293	2586	0.10%	0.010%
32	12.598	1648	1651	1655	rBV	1795	2588	0.10%	0.010%
33	13.592	1814	1820	1825	rBV	564589	856446	33.13%	3.452%
34	13.639	1825	1828	1838	rVB	82722	120084	4.65%	0.484%

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Integrator: RTE
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35	13.857	1858	1865	1879	rBV	703368	1044983	40.43%	4.212%
36	14.168	1911	1918	1926	rBV2	905792	1389231	53.74%	5.599%
37	14.421	1955	1961	1973	rBV	132771	304677	11.79%	1.228%
38	14.633	1994	1997	2001	rVB4	5113	7189	0.28%	0.029%
39	14.980	2051	2056	2059	rBV3	4318	5488	0.21%	0.022%
40	15.033	2059	2065	2069	rVB3	4327	8689	0.34%	0.035%
41	15.168	2081	2088	2103	rBV	861732	1278788	49.47%	5.154%
42	15.321	2108	2114	2126	rVV	259646	422026	16.33%	1.701%
43	15.410	2126	2129	2134	rVV3	10778	18076	0.70%	0.073%
44	15.904	2209	2213	2217	rBV4	5008	8542	0.33%	0.034%
45	16.033	2232	2235	2240	rBV2	1683	2761	0.11%	0.011%
46	16.362	2288	2291	2295	rVV3	4320	6084	0.24%	0.025%
47	16.486	2308	2312	2319	rBV3	5518	10685	0.41%	0.043%
48	16.698	2344	2348	2350	rVV4	6020	8452	0.33%	0.034%
49	16.715	2350	2351	2360	rVB2	6387	8762	0.34%	0.035%
50	16.927	2380	2387	2397	rBV	1339889	1857281	71.85%	7.486%
51	17.027	2397	2404	2419	rVV	930678	1432124	55.40%	5.772%
52	17.156	2423	2426	2428	rBV2	2901	2663	0.10%	0.011%
53	17.292	2446	2449	2452	rBV2	2824	3287	0.13%	0.013%
54	17.333	2452	2456	2460	rVV5	13988	25217	0.98%	0.102%
55	17.398	2463	2467	2470	rVV4	1843	3503	0.14%	0.014%
56	17.433	2470	2473	2475	rVV3	4207	4075	0.16%	0.016%
57	17.592	2497	2500	2502	rBV3	2674	3215	0.12%	0.013%
58	17.609	2502	2503	2507	rVV4	3793	3643	0.14%	0.015%
59	17.780	2530	2532	2535	rBV2	3272	3979	0.15%	0.016%
60	17.839	2535	2542	2552	rBV2	140938	244073	9.44%	0.984%
61	18.086	2581	2584	2585	rBV	2827	2666	0.10%	0.011%
62	18.121	2588	2590	2593	rVV2	1934	2879	0.11%	0.012%
63	18.280	2615	2617	2620	rVB4	4438	2754	0.11%	0.011%
64	18.315	2620	2623	2627	rBV5	3039	5279	0.20%	0.021%
65	18.421	2638	2641	2642	rBV2	4841	3187	0.12%	0.013%
66	18.651	2677	2680	2682	rBV4	8016	10423	0.40%	0.042%
67	18.715	2685	2691	2696	rVV3	52750	83344	3.22%	0.336%
68	18.856	2713	2715	2716	rBV2	4150	2918	0.11%	0.012%
69	18.933	2726	2728	2731	rBV3	4274	5918	0.23%	0.024%
70	18.968	2731	2734	2736	rVV3	11267	14373	0.56%	0.058%
71	19.133	2758	2762	2766	rBV3	76805	106897	4.14%	0.431%

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72	19.221	2774	2777	2784	rVB5	14723	24715	0.96%	0.100%
73	19.333	2790	2796	2804	rBV	1247932	1783904	69.01%	7.190%
74	19.439	2812	2814	2816	rBV3	5382	5643	0.22%	0.023%
75	19.874	2886	2888	2890	rBV2	8843	8898	0.34%	0.036%
76	19.950	2899	2901	2902	rBV2	6852	4850	0.19%	0.020%
77	19.968	2902	2904	2905	rVB2	10225	4760	0.18%	0.019%
78	20.868	3053	3057	3065	rBV	169745	212991	8.24%	0.858%
79	21.068	3089	3091	3097	rBV4	36629	49872	1.93%	0.201%
80	21.144	3098	3104	3115	rVV	1741731	2292451	88.69%	9.239%
81	21.297	3128	3130	3134	rBV4	31460	42328	1.64%	0.171%
82	22.174	3276	3279	3282	rVB3	86522	107817	4.17%	0.435%
83	22.656	3358	3361	3366	rVB	141402	184619	7.14%	0.744%
84	22.903	3401	3403	3408	rBV5	51236	89219	3.45%	0.360%
85	23.168	3442	3448	3458	rVB	1162213	2304507	89.15%	9.288%
86	23.303	3465	3471	3481	rVB2	1387922	2584888	100.00%	10.418%
87	23.803	3552	3556	3563	rVB2	165752	302626	11.71%	1.220%
88	24.497	3670	3674	3679	rBV2	136737	265835	10.28%	1.071%

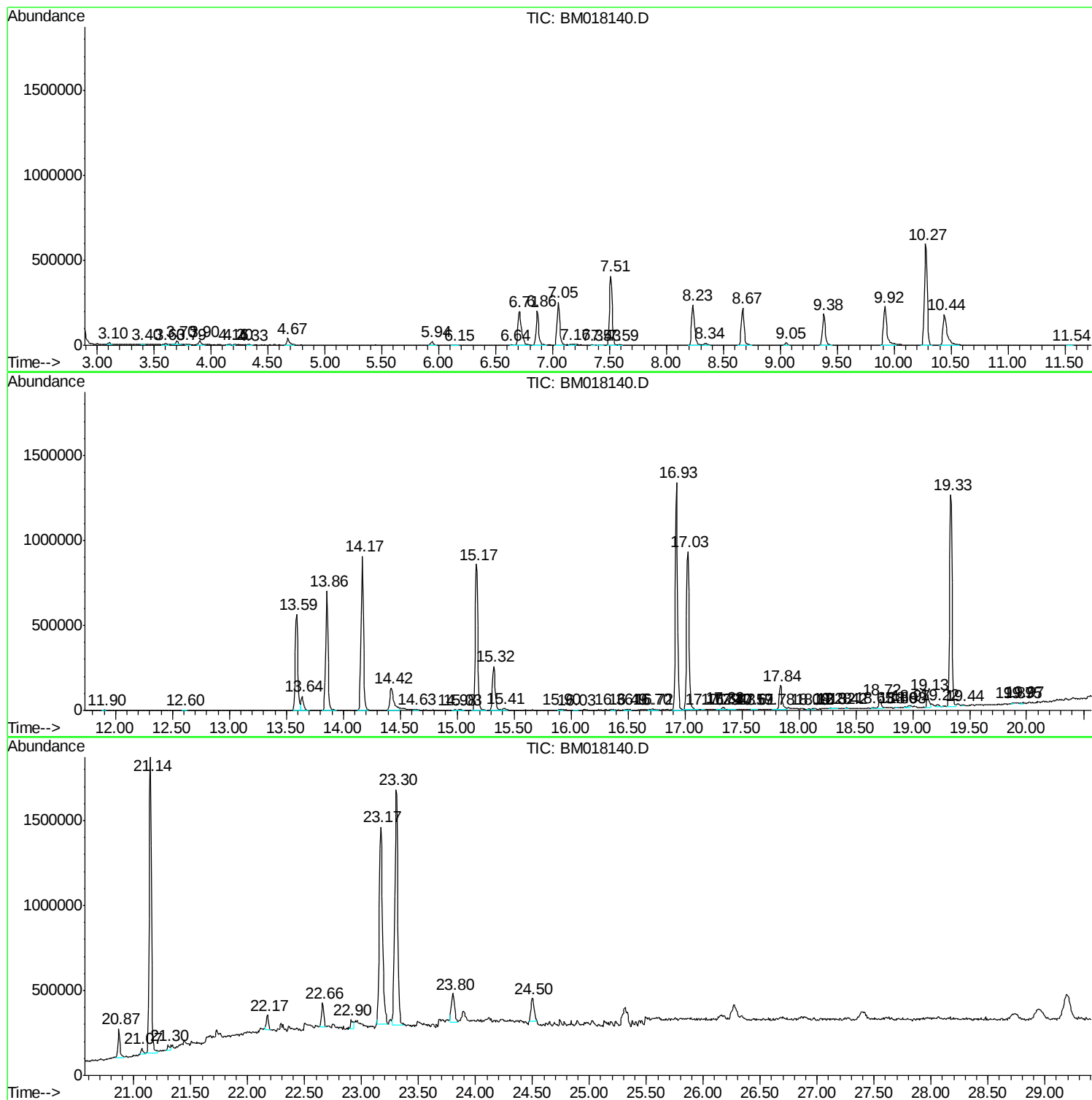
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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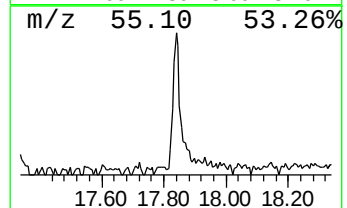
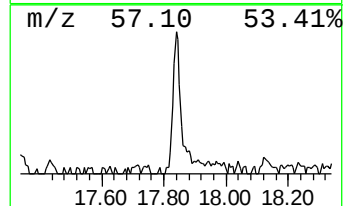
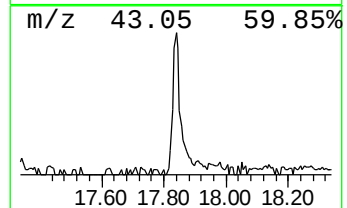
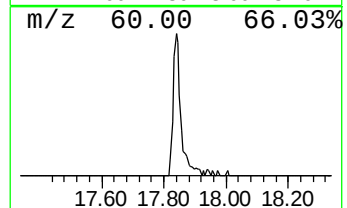
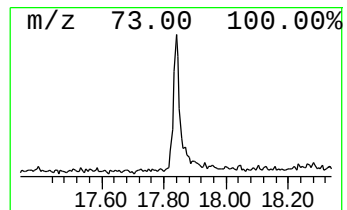
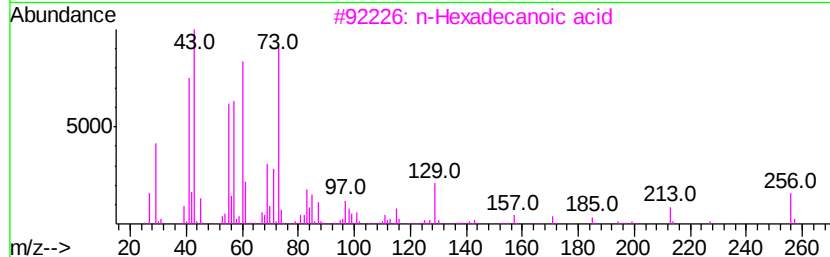
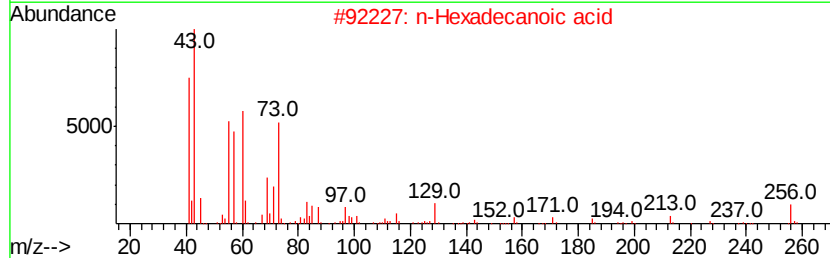
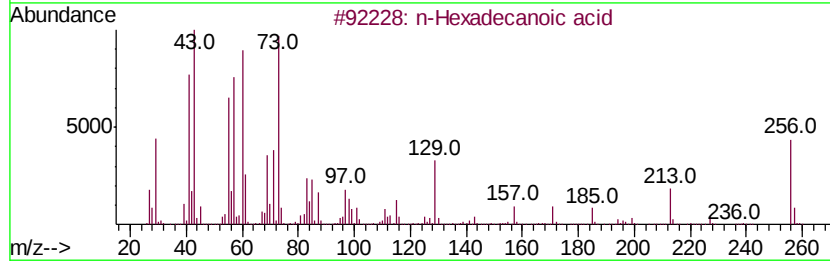
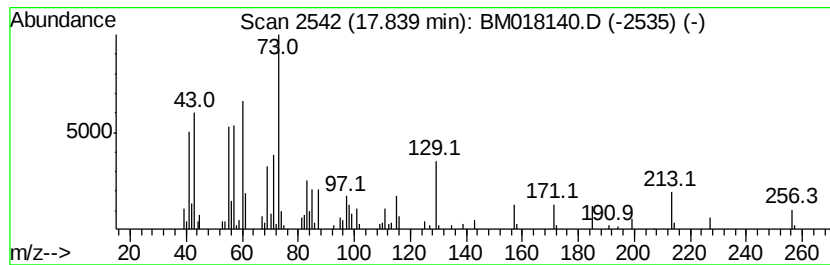
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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.		
17.84	2.63 ng/ul	244073	Phenanthrene-d10	16.93		
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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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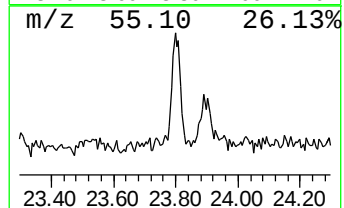
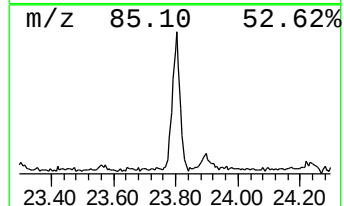
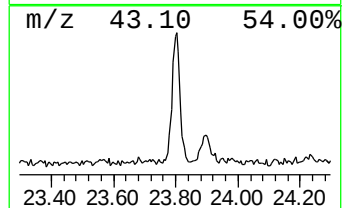
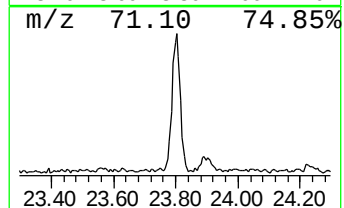
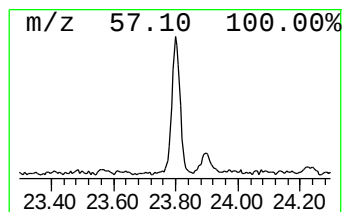
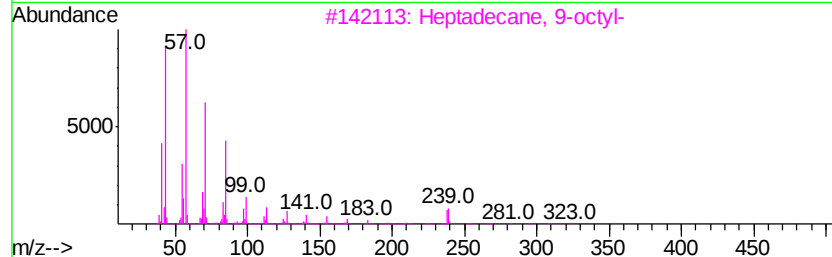
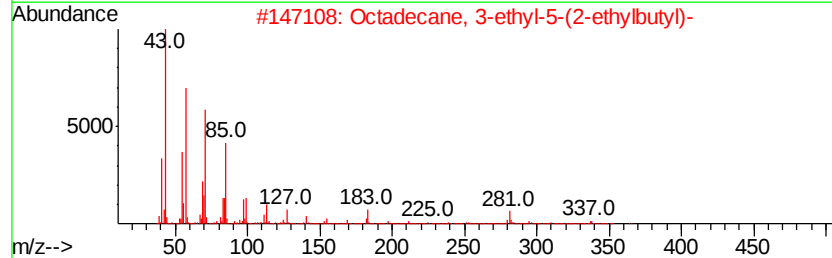
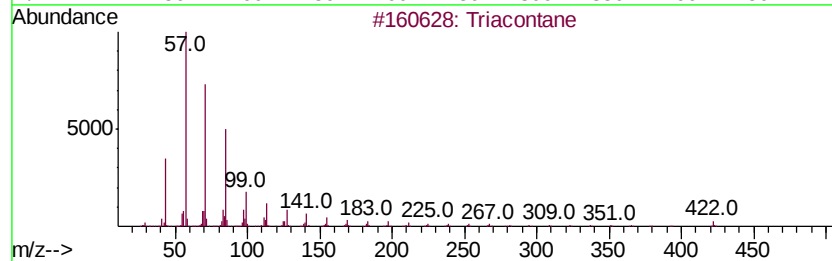
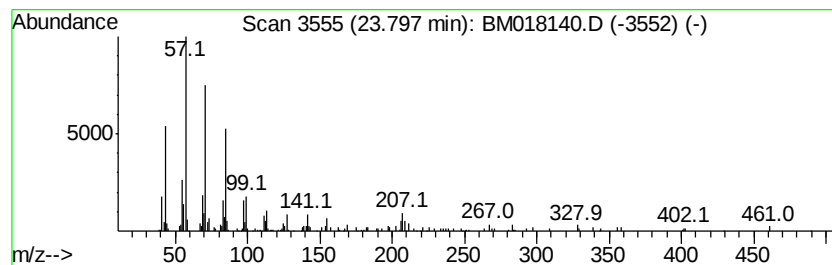
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.34 ng/ul	302626	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Pentacosane	352	C25H52	000629-99-2	86



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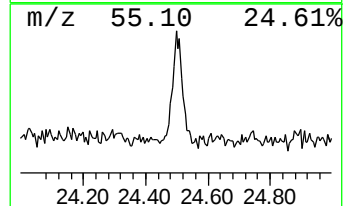
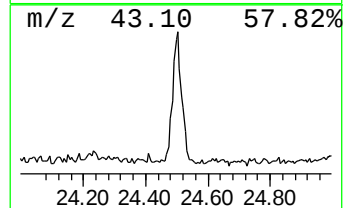
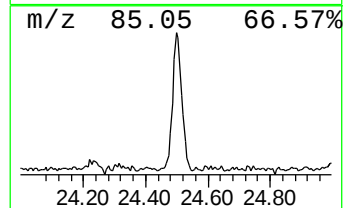
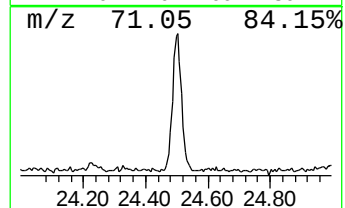
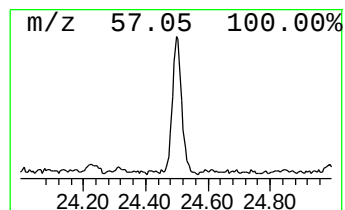
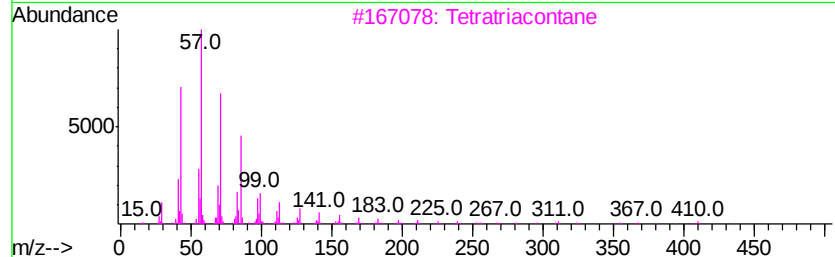
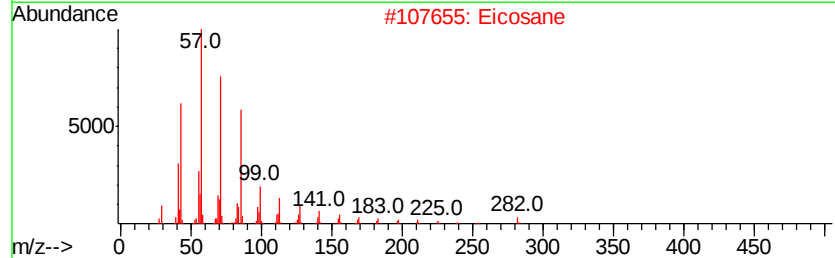
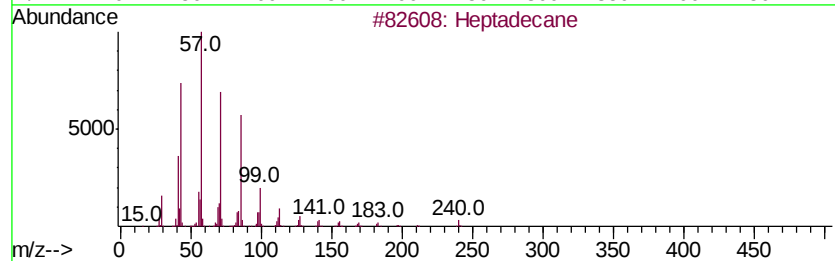
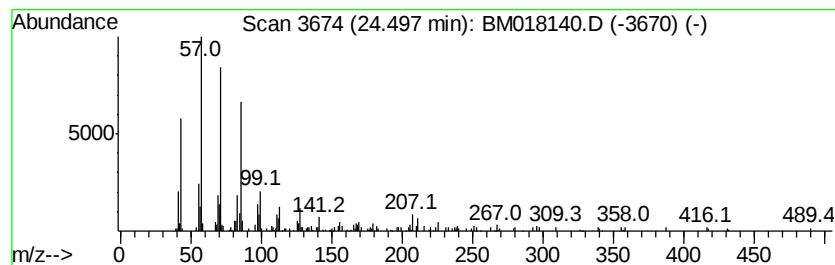
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Quant Title : SVOA CALIBRATION

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.
24.50	2.06 ng/ul	265835	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	2.6	ng/ul	244073	4	16.93	1857280	20.0
(DEL) Alkane: Str...	23.80	2.3	ng/ul	302626	6	23.31	2584890	20.0
(DEL) Alkane: Str...	24.50	2.1	ng/ul	265835	6	23.31	2584890	20.0