

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019559.D
 Acq On : 29 Mar 2019 02:14
 Operator : JU/SJ
 Sample : K2065-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5M9

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-BM032219MA.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	3.128	21	24	33	rVB	20528	35974	1.24%	0.131%
2	3.634	107	110	116	rVB7	4328	7423	0.26%	0.027%
3	3.728	121	126	134	rVB	12656	23219	0.80%	0.084%
4	4.722	291	295	302	rVB	10622	16576	0.57%	0.060%
5	6.763	637	642	660	rBV	205240	448291	15.40%	1.629%
6	6.934	666	671	694	rBV	181325	367270	12.62%	1.335%
7	7.116	696	702	717	rVB	267253	475941	16.35%	1.730%
8	7.581	775	781	797	rBV	402603	685349	23.54%	2.491%
9	8.298	897	903	923	rBV	222540	450548	15.48%	1.638%
10	8.434	923	926	930	rVB3	2484	4087	0.14%	0.015%
11	8.751	972	980	1001	rBV	231317	442562	15.20%	1.609%
12	9.081	1030	1036	1040	rVB3	5401	8532	0.29%	0.031%
13	9.463	1095	1101	1119	rBV	187048	362149	12.44%	1.316%
14	9.998	1186	1192	1209	rBV	231143	519965	17.86%	1.890%
15	10.363	1246	1254	1269	rBV	587344	1016548	34.92%	3.695%
16	10.534	1276	1283	1303	rBV	173791	472949	16.25%	1.719%
17	12.004	1526	1533	1537	rBV2	3164	6677	0.23%	0.024%
18	13.663	1808	1815	1820	rBV	636101	961645	33.04%	3.495%
19	13.710	1820	1823	1835	rVB	111286	171801	5.90%	0.624%
20	13.933	1854	1861	1877	rBV	744251	1112290	38.21%	4.043%
21	14.239	1907	1913	1926	rBV2	976788	1477954	50.77%	5.372%
22	14.504	1952	1958	1979	rBV2	76022	266984	9.17%	0.970%
23	15.016	2040	2045	2051	rVB3	4691	10474	0.36%	0.038%
24	15.080	2053	2056	2060	rVB2	4247	4628	0.16%	0.017%
25	15.239	2077	2083	2101	rBV	949488	1446805	49.70%	5.259%
26	15.392	2103	2109	2122	rVV	194564	342846	11.78%	1.246%
27	15.486	2122	2125	2129	rVB2	10444	15563	0.53%	0.057%
28	15.951	2199	2204	2208	rBV4	3756	5556	0.19%	0.020%
29	16.416	2279	2283	2286	rBV2	3274	4192	0.14%	0.015%
30	16.551	2302	2306	2314	rVB4	4416	6829	0.23%	0.025%
31	16.792	2343	2347	2350	rBV2	4060	4916	0.17%	0.018%
32	16.904	2361	2366	2373	rBV4	9810	20567	0.71%	0.075%
33	16.998	2376	2382	2393	rVB	1278435	1766942	60.70%	6.423%
34	17.098	2393	2399	2412	rBV2	1031527	1514948	52.05%	5.507%

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35	17.480	2459	2464	2468	rBV5	2227	3575	0.12%	0.013%
36	17.639	2486	2491	2494	rBV3	3767	5242	0.18%	0.019%
37	17.774	2510	2514	2516	rBV2	4477	4720	0.16%	0.017%
38	17.833	2519	2524	2529	rBV3	14656	20888	0.72%	0.076%
39	17.892	2529	2534	2545	rBV	199244	322796	11.09%	1.173%
40	18.080	2562	2566	2567	rBV4	2896	3115	0.11%	0.011%
41	18.192	2580	2585	2590	rVB6	7483	12960	0.45%	0.047%
42	18.333	2607	2609	2612	rVB3	3570	4018	0.14%	0.015%
43	18.574	2647	2650	2652	rBV4	3639	5471	0.19%	0.020%
44	18.692	2667	2670	2673	rBV5	4147	6210	0.21%	0.023%
45	18.762	2678	2682	2685	rVV5	4626	6865	0.24%	0.025%
46	18.815	2688	2691	2697	rVV6	5018	8915	0.31%	0.032%
47	18.974	2716	2718	2723	rVB6	3153	3423	0.12%	0.012%
48	19.039	2724	2729	2730	rBV3	22458	25927	0.89%	0.094%
49	19.068	2730	2734	2748	rVB2	64874	149214	5.13%	0.542%
50	19.180	2749	2753	2764	rVV2	76876	135740	4.66%	0.493%
51	19.292	2770	2772	2776	rVB	7801	8332	0.29%	0.030%
52	19.404	2786	2791	2802	rBV2	1270705	1826741	62.76%	6.640%
53	19.780	2853	2855	2859	rVB4	11658	11757	0.40%	0.043%
54	19.915	2874	2878	2880	rBV4	13754	19634	0.67%	0.071%
55	20.751	3018	3020	3023	rVB4	19352	18534	0.64%	0.067%
56	20.904	3042	3046	3053	rBV	382865	448886	15.42%	1.632%
57	21.203	3091	3097	3106	rBV	1852286	2420253	83.15%	8.797%
58	21.339	3118	3120	3128	rVB2	52631	58168	2.00%	0.211%
59	21.762	3189	3192	3195	rBV	87941	106736	3.67%	0.388%
60	22.215	3266	3269	3274	rVB	140267	169971	5.84%	0.618%
61	22.709	3349	3353	3357	rBV	176230	227499	7.82%	0.827%
62	23.268	3441	3448	3463	rVV	1479735	2767758	95.09%	10.060%
63	23.409	3465	3472	3486	rVB	1548479	2910825	100.00%	10.580%
64	23.886	3548	3553	3560	rVB	202595	370073	12.71%	1.345%
65	24.615	3671	3677	3691	rVB5	375129	948345	32.58%	3.447%

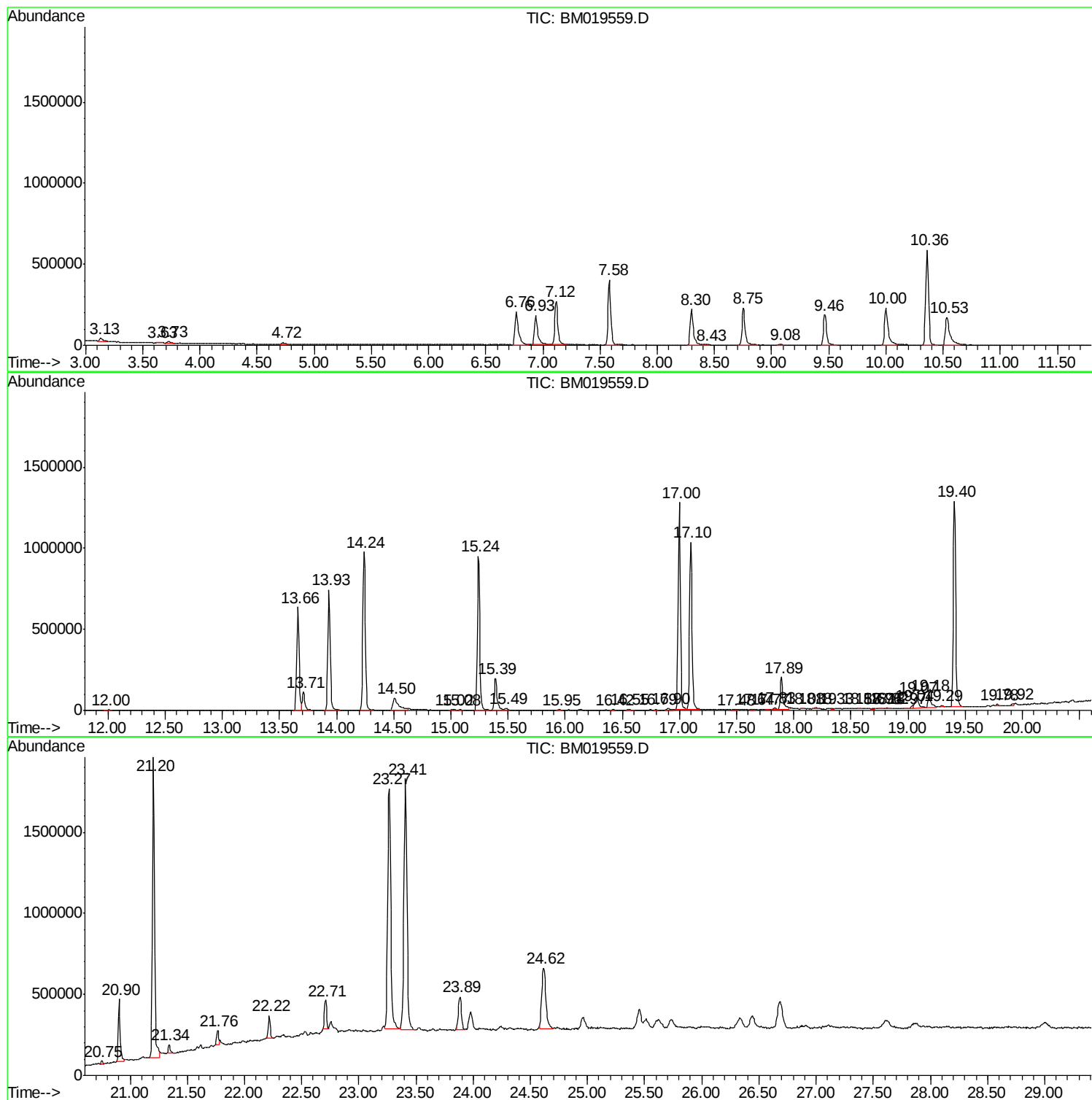
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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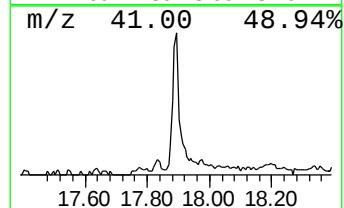
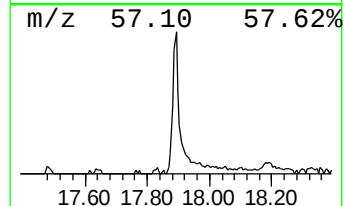
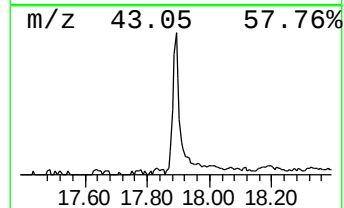
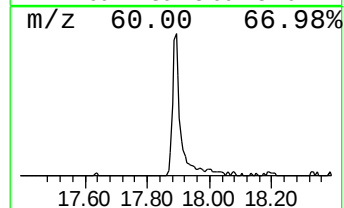
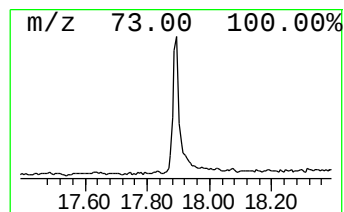
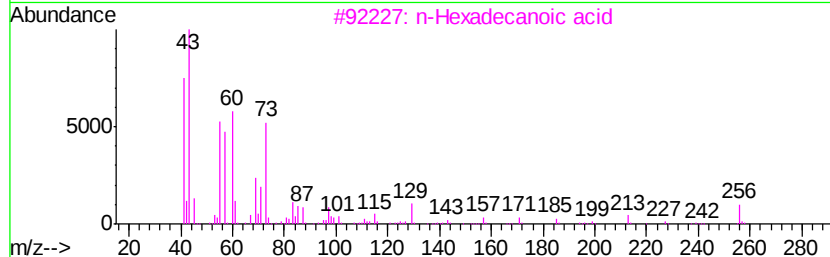
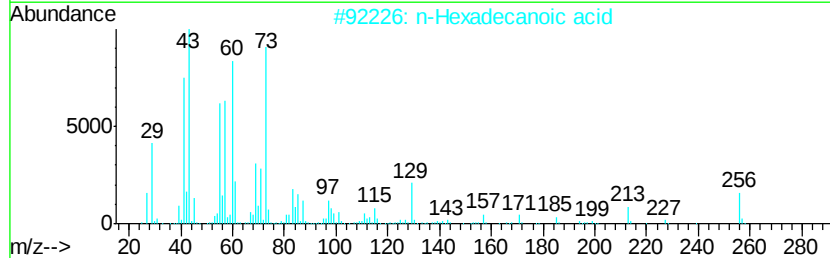
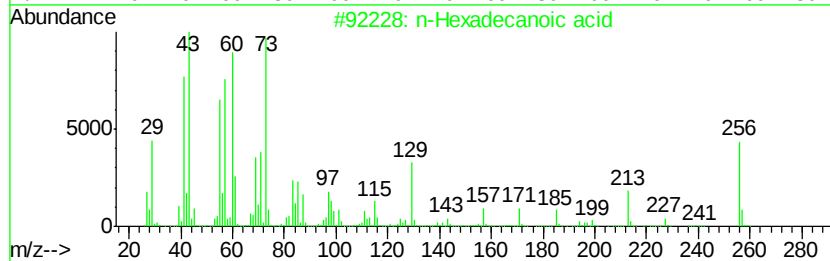
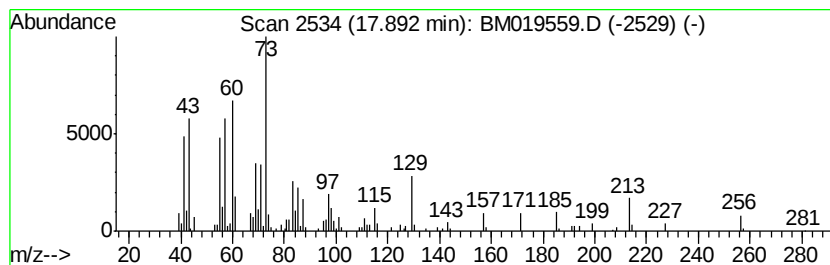
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.89	3.65 ng/ul	322796	Phenanthrene-d10		17.00		
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	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



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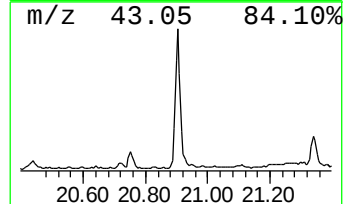
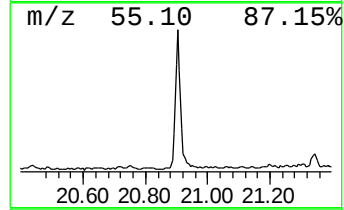
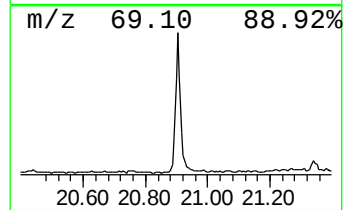
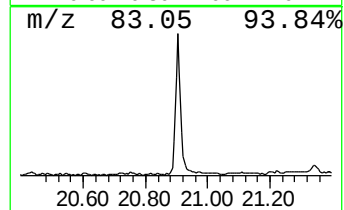
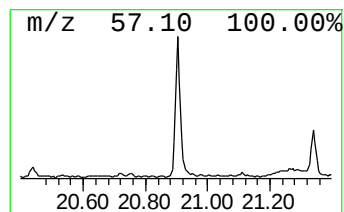
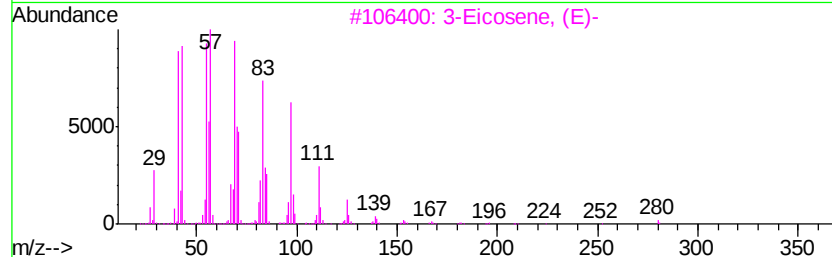
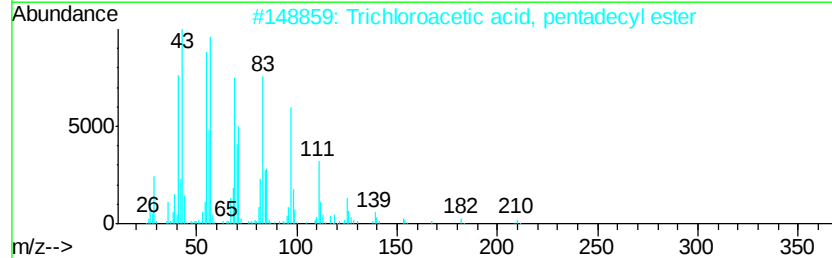
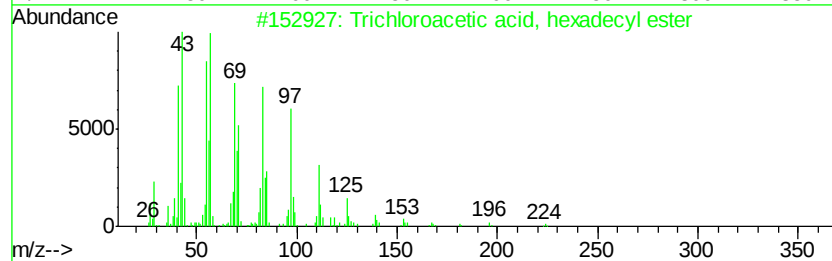
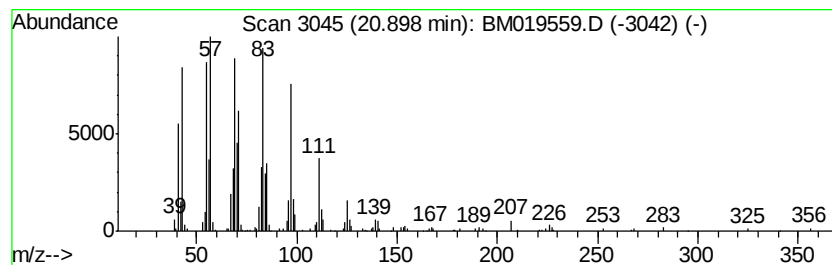
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.71 ng/ul	448886	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Isoheptadecanol	256	C17H36O	057289-07-3	87



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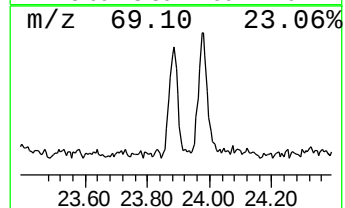
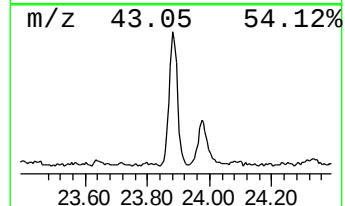
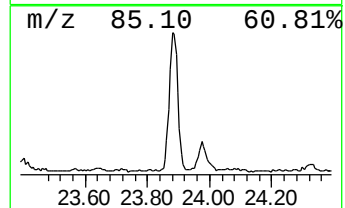
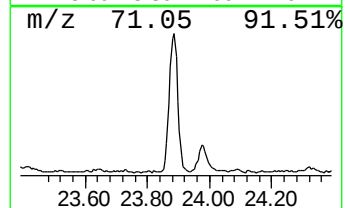
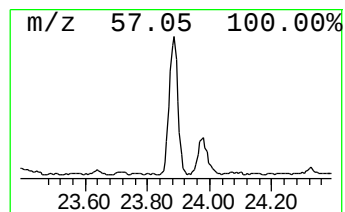
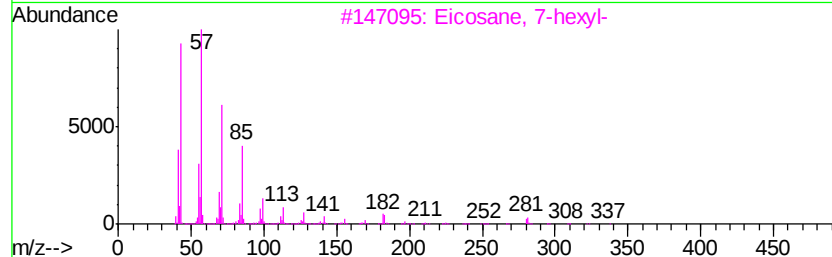
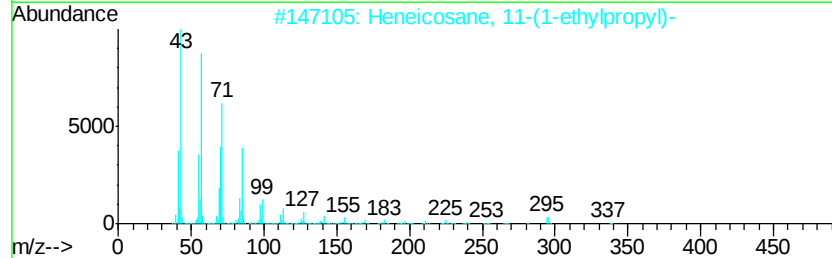
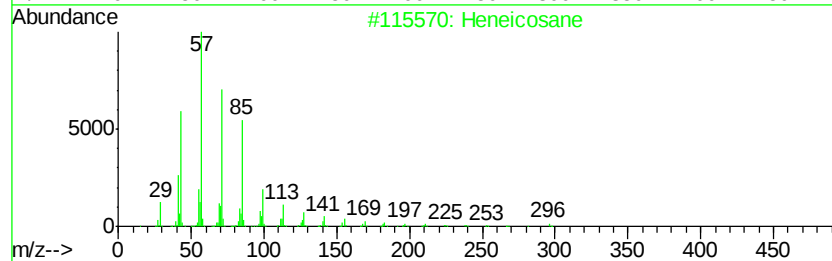
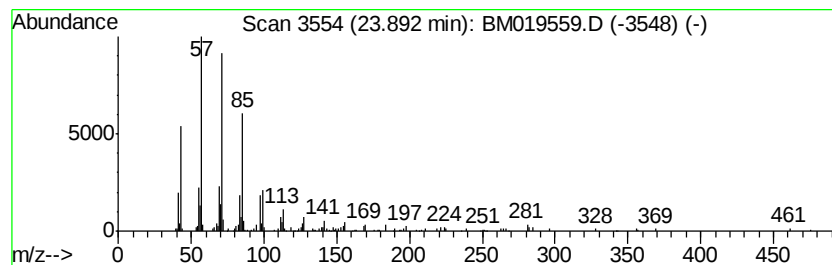
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.54 ng/ul	370073	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4		Octacosane	394	C28H58	000630-02-4	80
5		Eicosane	282	C20H42	000112-95-8	76



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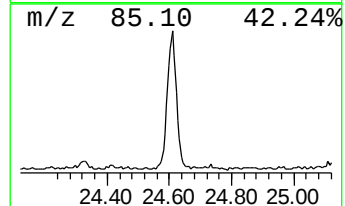
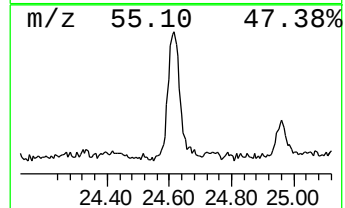
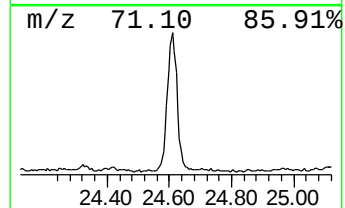
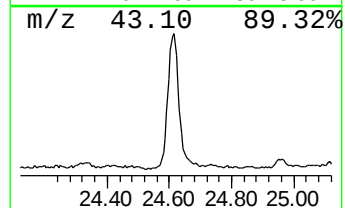
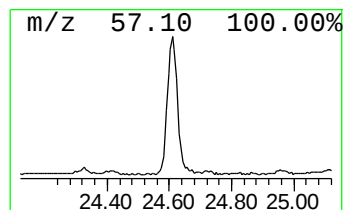
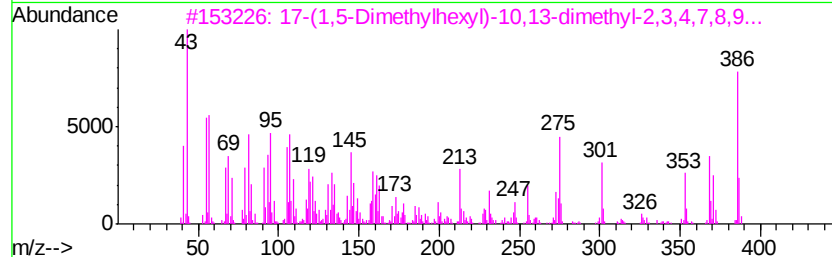
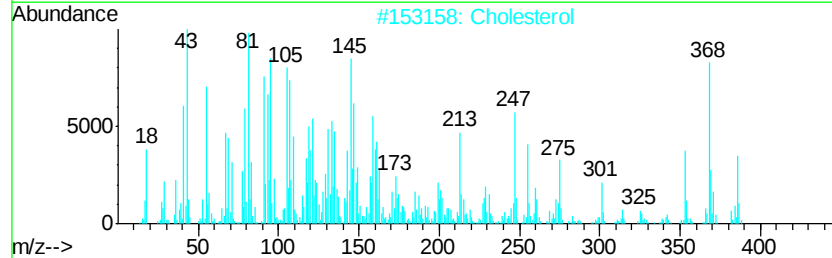
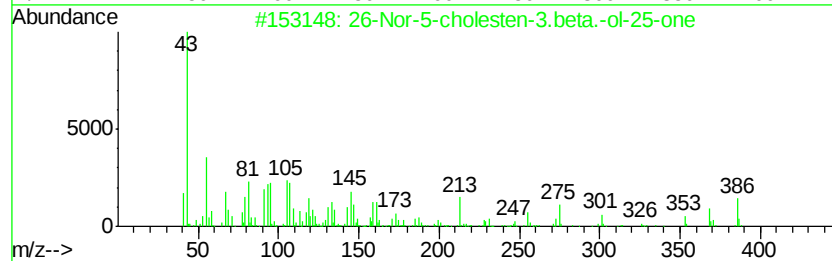
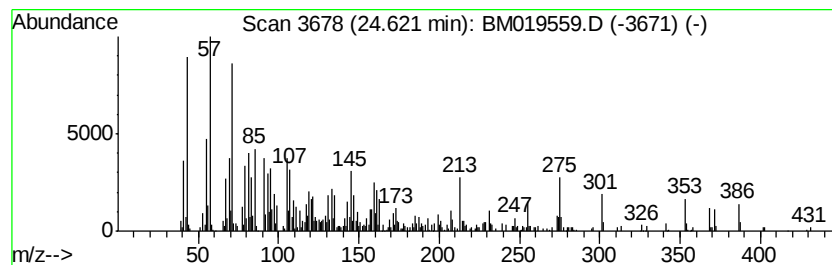
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Peak Number 4 26-Nor-5-cholesten-3.beta.-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.62	6.52 ng/ul	948345	Perylene-d12	23.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2		007494-34-0	94
2	Cholesterol	386	C27H46O		000057-88-5	90
3	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O		1000210-38-4	84
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2		007494-34-0	84
5	Octadecane	254	C18H38		000593-45-3	74



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	3.6	ng/ul	322796	4	17.00	1766940	20.0
Trichloroacetic a...	20.90	3.7	ng/ul	448886	5	21.20	2420250	20.0
(DEL) Alkane: Str...	23.89	2.5	ng/ul	370073	6	23.41	2910830	20.0
26-Nor-5-choleste...	24.62	6.5	ng/ul	948345	6	23.41	2910830	20.0