

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019888.D
 Acq On : 11 Apr 2019 06:44
 Operator : JU/SJ
 Sample : K2303-05

Instrument :
 BNA_M
 ClientSampleId :
 BF8A0

Misc :
 ALS Vial : 28 Sample Multiplier: 1

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	3.116	19	22	28	rBV	35361	52911	2.56%	0.250%
2	3.499	85	87	88	rBV2	3727	2455	0.12%	0.012%
3	3.528	88	92	94	rVV5	6939	8419	0.41%	0.040%
4	3.616	104	107	113	rVB2	23577	32935	1.59%	0.156%
5	4.699	288	291	298	rVB	4609	8576	0.41%	0.041%
6	4.922	327	329	331	rBV2	2452	2196	0.11%	0.010%
7	4.981	337	339	343	rVB4	2533	2571	0.12%	0.012%
8	5.410	409	412	415	rBV4	2129	2224	0.11%	0.011%
9	5.557	431	437	439	rBV5	1952	3242	0.16%	0.015%
10	5.599	441	444	449	rBV6	2218	3033	0.15%	0.014%
11	5.651	449	453	455	rBV3	2214	2436	0.12%	0.012%
12	5.798	475	478	481	rBV3	1800	2627	0.13%	0.012%
13	6.610	614	616	621	rBV3	1690	3171	0.15%	0.015%
14	6.698	627	631	634	rVB3	2428	3050	0.15%	0.014%
15	6.751	634	640	658	rBV	217199	490981	23.75%	2.324%
16	6.910	660	667	686	rVV	215326	405776	19.63%	1.921%
17	7.093	691	698	711	rVV	316615	543178	26.28%	2.571%
18	7.216	717	719	722	rBV3	2092	2485	0.12%	0.012%
19	7.551	769	776	786	rBV	555403	904625	43.77%	4.282%
20	7.616	786	787	796	rVB4	6612	8342	0.40%	0.039%
21	7.851	825	827	829	rBV2	2159	2433	0.12%	0.012%
22	8.281	893	900	915	rBV2	182824	382754	18.52%	1.812%
23	8.404	917	921	927	rVB4	5851	10554	0.51%	0.050%
24	8.728	970	976	990	rBV	252387	479821	23.21%	2.271%
25	8.875	998	1001	1007	rVB4	3388	4900	0.24%	0.023%
26	9.028	1022	1027	1033	rBV2	14877	22528	1.09%	0.107%
27	9.439	1090	1097	1115	rBV	199166	382276	18.49%	1.809%
28	9.981	1182	1189	1210	rBV	225880	533131	25.79%	2.523%
29	10.328	1241	1248	1263	rBV	677306	1165294	56.38%	5.516%
30	10.510	1272	1279	1294	rBV	150027	405940	19.64%	1.921%
31	10.686	1307	1309	1314	rVB3	2801	2682	0.13%	0.013%
32	11.945	1518	1523	1525	rBV2	3401	4705	0.23%	0.022%
33	13.004	1700	1703	1706	rVB3	2863	3207	0.16%	0.015%
34	13.086	1712	1717	1725	rBV2	19429	30447	1.47%	0.144%

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 Title : SVOA CALIBRATION

35	13.639	1804	1811	1816	rBV	521728	793389	38.38%	3.755%
36	13.686	1816	1819	1826	rVB	82691	120220	5.82%	0.569%
37	13.910	1849	1857	1868	rBV	602853	939894	45.47%	4.449%
38	14.086	1885	1887	1892	rVB3	2709	3503	0.17%	0.017%
39	14.216	1902	1909	1920	rBV2	884174	1314278	63.58%	6.221%
40	14.492	1952	1956	1957	rBV	3561	4169	0.20%	0.020%
41	14.533	1957	1963	1981	rVV4	50136	209342	10.13%	0.991%
42	14.651	1981	1983	1990	rVB5	5702	10328	0.50%	0.049%
43	14.992	2037	2041	2046	rBV5	4071	6481	0.31%	0.031%
44	15.057	2047	2052	2055	rVB5	3599	4730	0.23%	0.022%
45	15.116	2058	2062	2064	rBV3	1597	2517	0.12%	0.012%
46	15.221	2073	2080	2090	rBV	753758	1151549	55.71%	5.451%
47	15.327	2096	2098	2101	rBV4	2988	3730	0.18%	0.018%
48	15.368	2101	2105	2107	rVV	8451	11187	0.54%	0.053%
49	15.398	2107	2110	2116	rVV	29684	40947	1.98%	0.194%
50	15.463	2117	2121	2124	rVV3	8693	11984	0.58%	0.057%
51	15.504	2124	2128	2134	rVB2	13716	18880	0.91%	0.089%
52	15.663	2152	2155	2156	rBV	2266	2415	0.12%	0.011%
53	15.710	2159	2163	2167	rVV	6819	9930	0.48%	0.047%
54	15.915	2195	2198	2205	rVB6	6352	8672	0.42%	0.041%
55	15.980	2205	2209	2211	rBV3	2015	2853	0.14%	0.014%
56	16.039	2213	2219	2225	rVB5	3458	5991	0.29%	0.028%
57	16.104	2228	2230	2234	rVB3	4027	4636	0.22%	0.022%
58	16.151	2234	2238	2239	rVB3	2550	2099	0.10%	0.010%
59	16.192	2239	2245	2249	rBV	41213	55812	2.70%	0.264%
60	16.233	2249	2252	2255	rBV	34744	46114	2.23%	0.218%
61	16.298	2261	2263	2264	rVB2	3496	2458	0.12%	0.012%
62	16.345	2267	2271	2275	rBV	26869	34686	1.68%	0.164%
63	16.392	2275	2279	2281	rVB3	4491	4586	0.22%	0.022%
64	16.498	2292	2297	2298	rBV5	2381	3642	0.18%	0.017%
65	16.521	2298	2301	2303	rVV2	19097	27204	1.32%	0.129%
66	16.545	2303	2305	2309	rVV	20321	22474	1.09%	0.106%
67	16.574	2309	2310	2314	rVB4	3115	3269	0.16%	0.015%
68	16.710	2330	2333	2337	rBV3	3755	5052	0.24%	0.024%
69	16.762	2341	2342	2349	rVB6	5758	9003	0.44%	0.043%
70	16.862	2355	2359	2366	rVB2	9789	16738	0.81%	0.079%
71	16.980	2373	2379	2390	rBV	1009534	1453863	70.34%	6.881%

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72	17.080	2390	2396	2407	rVV	776520	1139424	55.13%	5.393%
73	17.215	2417	2419	2423	rVB5	3618	2627	0.13%	0.012%
74	17.262	2425	2427	2429	rBV3	2919	2842	0.14%	0.013%
75	17.321	2434	2437	2440	rVV4	11500	15729	0.76%	0.074%
76	17.357	2440	2443	2449	rVB7	10802	21485	1.04%	0.102%
77	17.457	2458	2460	2463	rBV4	4684	5385	0.26%	0.025%
78	17.868	2525	2530	2535	rBV2	106917	171303	8.29%	0.811%
79	18.239	2589	2593	2598	rBV8	13663	31378	1.52%	0.149%
80	18.739	2674	2678	2684	rBV	78412	113075	5.47%	0.535%
81	19.168	2747	2751	2756	rBV7	40155	79673	3.85%	0.377%
82	19.268	2766	2768	2772	rBV4	33897	37777	1.83%	0.179%
83	19.392	2784	2789	2797	rBV	1007639	1340627	64.86%	6.346%
84	20.892	3040	3044	3050	rBV	311978	434152	21.00%	2.055%
85	21.198	3091	3096	3100	rBV	1433392	1816346	87.87%	8.597%
86	23.262	3443	3447	3454	rVB2	894064	1563798	75.66%	7.402%
87	23.403	3465	3471	3478	rBV	1125548	2066976	100.00%	9.784%

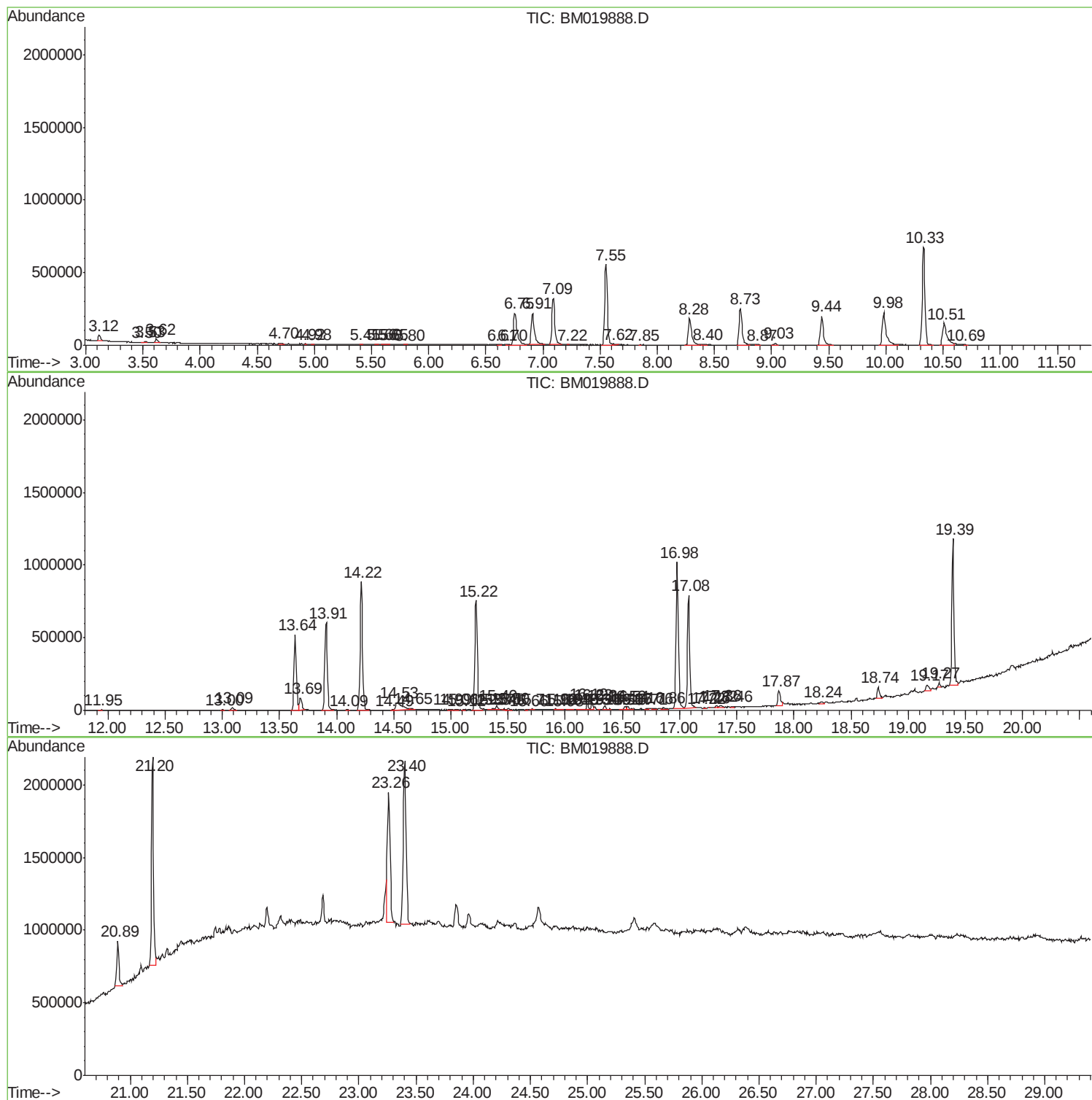
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
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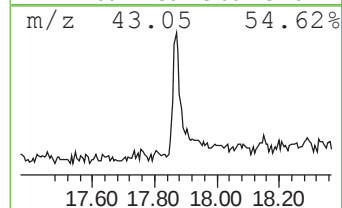
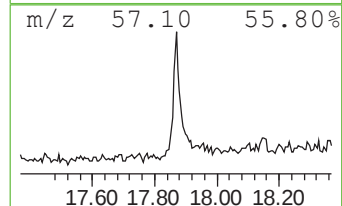
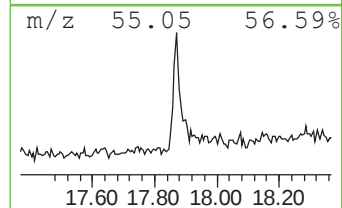
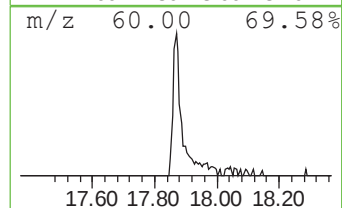
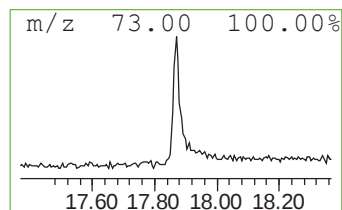
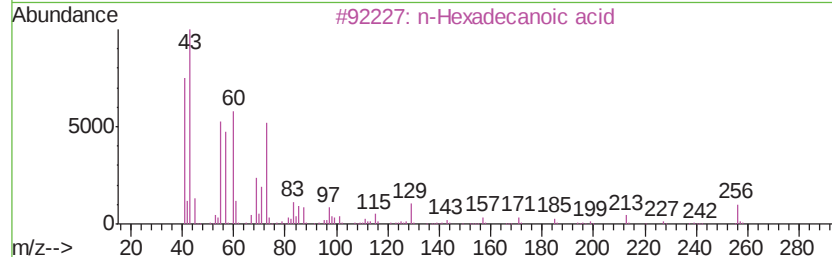
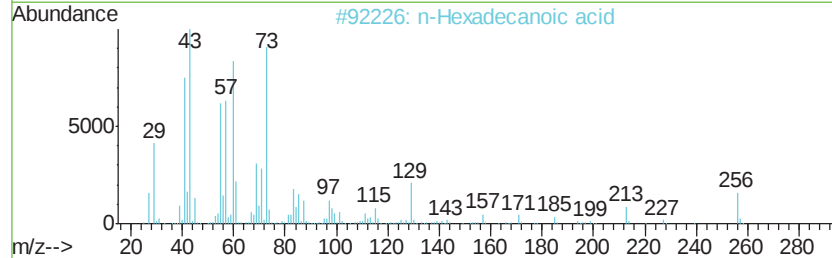
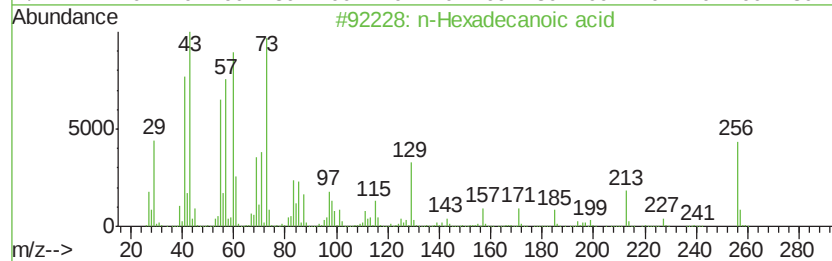
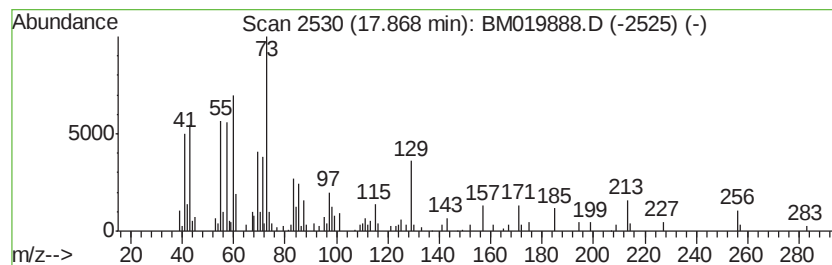
Misc :
ALS Vial : 28 Sample Multiplier: 1

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 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.87	2.36 ng/ul	171303	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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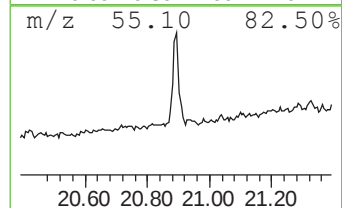
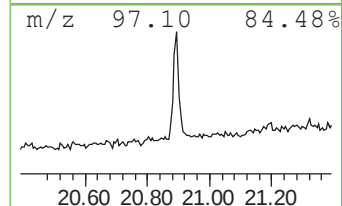
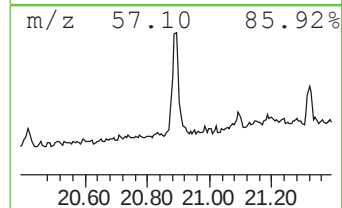
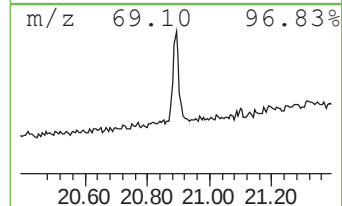
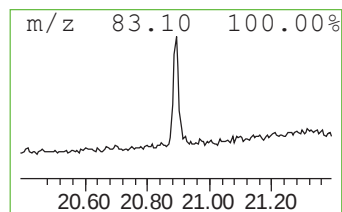
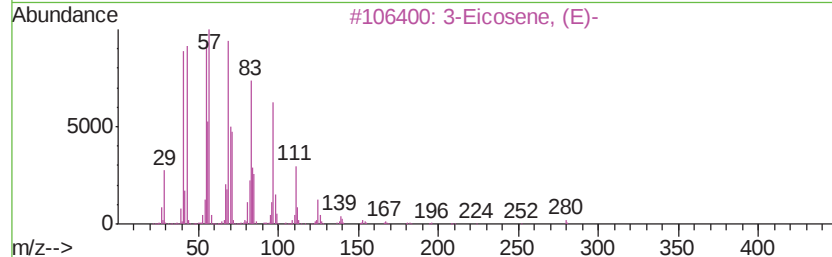
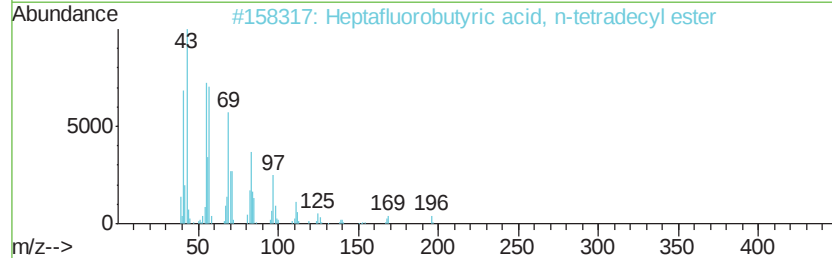
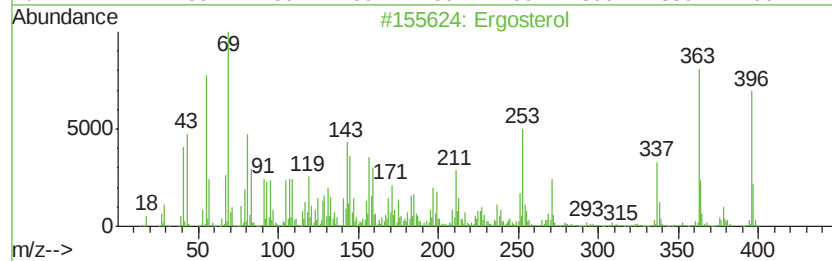
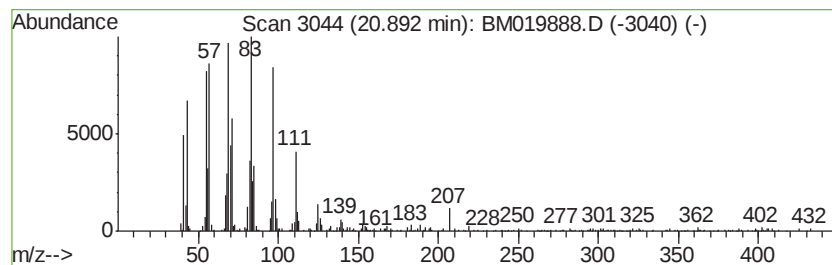
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ergosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.78 ng/ul	434152	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ergosterol	396	C28H44O	000057-87-4	91
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	81
4		1-Pentadecene	210	C15H30	013360-61-7	74
5		Cycloeicosane	280	C20H40	000296-56-0	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.4	ng/ul	171303	4	16.98	1453860	20.0
Ergosterol	20.89	4.8	ng/ul	434152	5	21.20	1816350	20.0