

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018144.D
 Acq On : 14 Dec 2018 00:19
 Operator : JU/SJ
 Sample : J6236-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E99

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	3.105	34	37	43	rVV	12863	19266	0.84%	0.078%
2	3.387	82	85	88	rBV2	4381	5847	0.26%	0.024%
3	3.705	134	139	142	rVB4	2815	3756	0.16%	0.015%
4	3.899	169	172	177	rBV3	3859	4654	0.20%	0.019%
5	4.675	300	304	307	rBV	4574	7669	0.34%	0.031%
6	5.840	497	502	505	rBV2	1780	2941	0.13%	0.012%
7	5.934	515	518	523	rVB3	1857	2818	0.12%	0.011%
8	6.704	644	649	664	rBV2	226203	471774	20.61%	1.917%
9	6.863	670	676	686	rBV	202461	321145	14.03%	1.305%
10	7.046	701	707	718	rBV	255125	441390	19.28%	1.793%
11	7.357	757	760	766	rBV2	1973	2997	0.13%	0.012%
12	7.510	776	786	796	rBV	400616	646497	28.24%	2.627%
13	7.581	796	798	802	rVB2	2210	2591	0.11%	0.011%
14	8.228	902	908	923	rBV	269045	497889	21.75%	2.023%
15	8.328	923	925	928	rVV2	2427	2646	0.12%	0.011%
16	8.669	976	983	996	rBV	239410	425213	18.58%	1.728%
17	9.051	1043	1048	1052	rVB	8271	11630	0.51%	0.047%
18	9.381	1097	1104	1115	rBV	200482	355514	15.53%	1.444%
19	9.922	1189	1196	1215	rBV2	231583	519951	22.71%	2.113%
20	10.275	1249	1256	1268	rBV	615340	1015604	44.37%	4.126%
21	10.445	1279	1285	1302	rBV2	77368	222624	9.73%	0.905%
22	11.916	1529	1535	1540	rBB2	3155	6147	0.27%	0.025%
23	13.128	1736	1741	1744	rVB	1672	2425	0.11%	0.010%
24	13.592	1813	1820	1824	rBV	630403	938023	40.98%	3.811%
25	13.639	1824	1828	1837	rVV	100422	172911	7.55%	0.703%
26	13.851	1857	1864	1877	rBV	734982	1124209	49.11%	4.568%
27	14.163	1910	1917	1927	rBV2	890579	1392118	60.81%	5.656%
28	14.416	1954	1960	1976	rBV2	128057	336291	14.69%	1.366%
29	14.545	1979	1982	1991	rVV5	8938	27486	1.20%	0.112%
30	14.627	1995	1996	2000	rVV3	5846	7172	0.31%	0.029%
31	14.680	2002	2005	2008	rVB3	2186	2904	0.13%	0.012%
32	15.027	2059	2064	2068	rVB4	4572	6139	0.27%	0.025%
33	15.169	2082	2088	2099	rBV	938756	1403532	61.31%	5.703%
34	15.239	2099	2100	2105	rVB3	2013	2533	0.11%	0.010%

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35	15.316	2108	2113	2122	rBV	258031	421353	18.41%	1.712%
36	15.416	2127	2130	2134	rVB3	9026	10630	0.46%	0.043%
37	15.898	2207	2212	2215	rBV3	3645	4943	0.22%	0.020%
38	16.121	2246	2250	2252	rVB3	2590	2647	0.12%	0.011%
39	16.269	2269	2275	2277	rVB2	2181	2622	0.11%	0.011%
40	16.374	2288	2293	2296	rVB3	3700	5837	0.25%	0.024%
41	16.480	2307	2311	2314	rBV3	1612	2527	0.11%	0.010%
42	16.704	2343	2349	2350	rVV3	3817	4852	0.21%	0.020%
43	16.721	2350	2352	2355	rVB4	4100	3625	0.16%	0.015%
44	16.927	2380	2387	2397	rBV2	1257498	1785181	77.98%	7.253%
45	17.027	2397	2404	2418	rVB2	969294	1512626	66.08%	6.146%
46	17.121	2418	2420	2425	rBV4	2005	3188	0.14%	0.013%
47	17.186	2430	2431	2437	rVB4	2033	2453	0.11%	0.010%
48	17.333	2450	2456	2462	rBV6	12441	21577	0.94%	0.088%
49	17.427	2468	2472	2475	rBV4	3377	4495	0.20%	0.018%
50	17.668	2509	2513	2514	rBV3	2296	2509	0.11%	0.010%
51	17.710	2519	2520	2523	rVB2	4435	3103	0.14%	0.013%
52	17.739	2523	2525	2529	rVB	3087	2622	0.11%	0.011%
53	17.839	2534	2542	2562	rBV	484788	713985	31.19%	2.901%
54	18.021	2569	2573	2574	rBV4	3288	4014	0.18%	0.016%
55	18.133	2589	2592	2594	rVV3	4123	4446	0.19%	0.018%
56	18.210	2604	2605	2613	rVB4	4397	5207	0.23%	0.021%
57	18.321	2622	2624	2626	rBV2	4019	2609	0.11%	0.011%
58	18.380	2631	2634	2636	rBV3	3662	4138	0.18%	0.017%
59	18.521	2654	2658	2662	rVB5	2813	4291	0.19%	0.017%
60	18.586	2667	2669	2672	rVB3	2983	2662	0.12%	0.011%
61	18.710	2685	2690	2697	rBV4	37854	66097	2.89%	0.269%
62	18.939	2726	2729	2730	rVB3	2729	2327	0.10%	0.009%
63	18.974	2730	2735	2739	rBV4	14396	34233	1.50%	0.139%
64	19.010	2739	2741	2745	rVB5	5373	8650	0.38%	0.035%
65	19.133	2757	2762	2771	rBV2	227250	343500	15.01%	1.396%
66	19.215	2774	2776	2779	rVV4	18508	20071	0.88%	0.082%
67	19.280	2783	2787	2790	rVV2	52405	58139	2.54%	0.236%
68	19.333	2790	2796	2804	rVB	1258826	1721054	75.18%	6.993%
69	19.874	2885	2888	2890	rBV4	13971	17049	0.74%	0.069%
70	20.333	2963	2966	2971	rVB4	34064	41253	1.80%	0.168%
71	20.868	3052	3057	3065	rVB	327813	436325	19.06%	1.773%

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72	21.139	3098	3103	3112	rBV	1600435	2171231	94.85%	8.822%
73	21.751	3205	3207	3213	rVB5	55325	64500	2.82%	0.262%
74	22.656	3358	3361	3366	rVB4	92522	119939	5.24%	0.487%
75	23.162	3441	3447	3459	rVB	1100047	2108450	92.11%	8.567%
76	23.303	3464	3471	3479	rVB	1260457	2289157	100.00%	9.301%
77	23.892	3567	3571	3577	rVB6	83585	166084	7.26%	0.675%

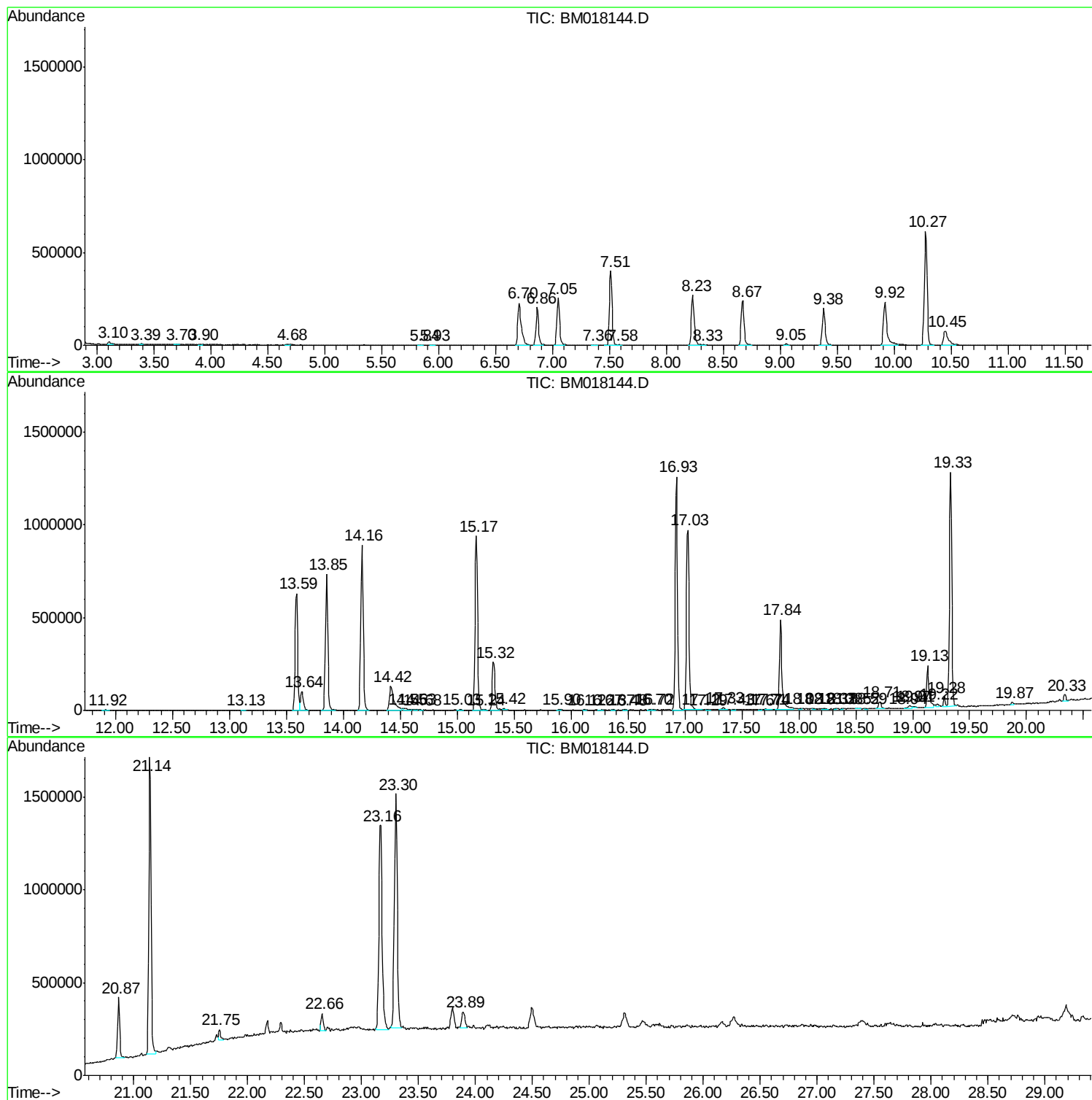
Sum of corrected areas: 24612507

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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



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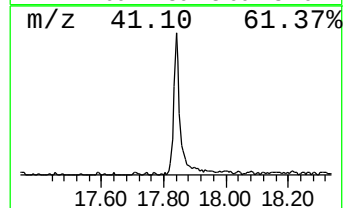
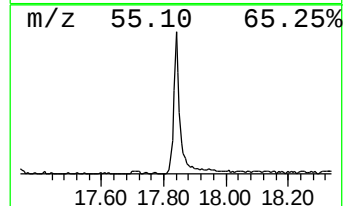
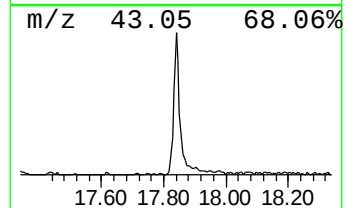
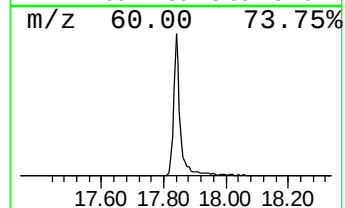
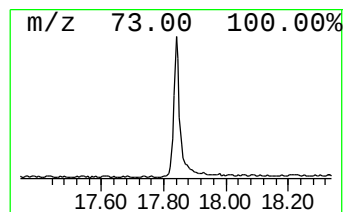
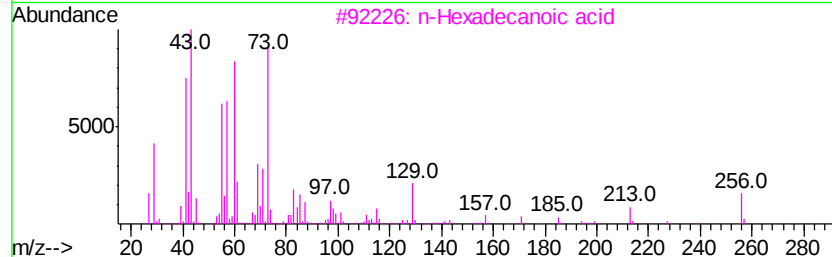
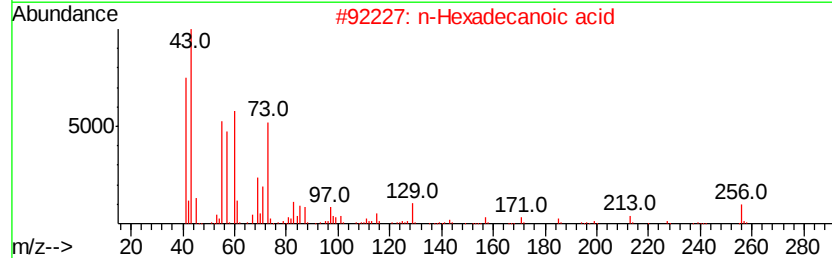
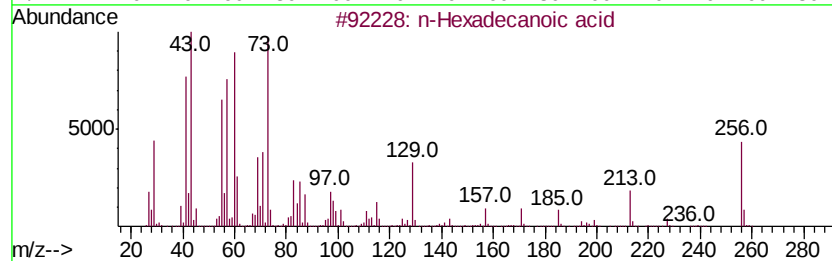
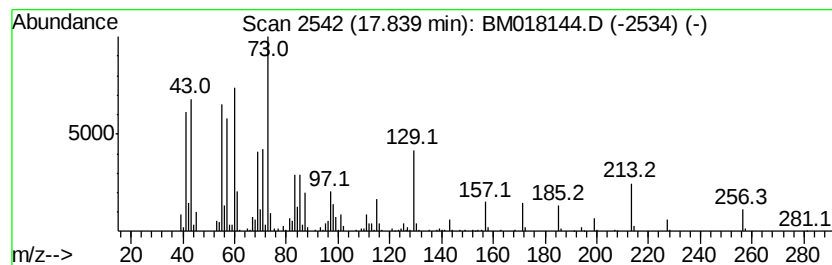
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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	8.00 ng/ul	713985	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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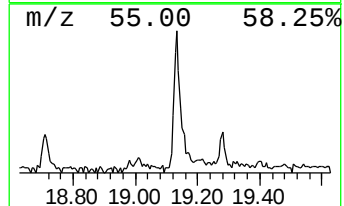
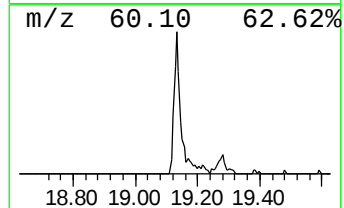
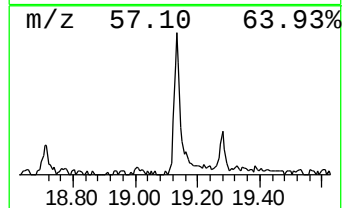
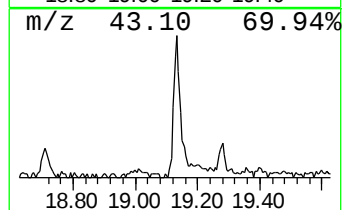
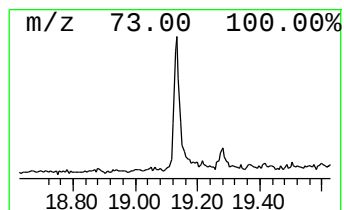
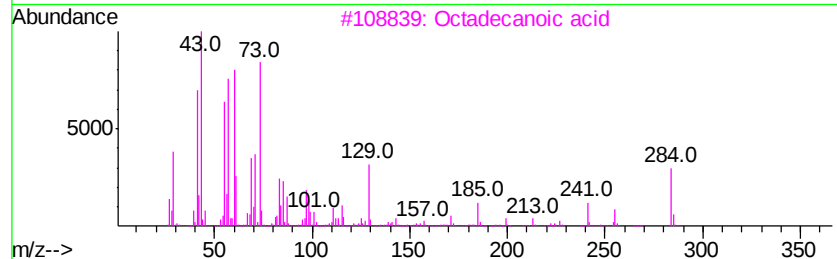
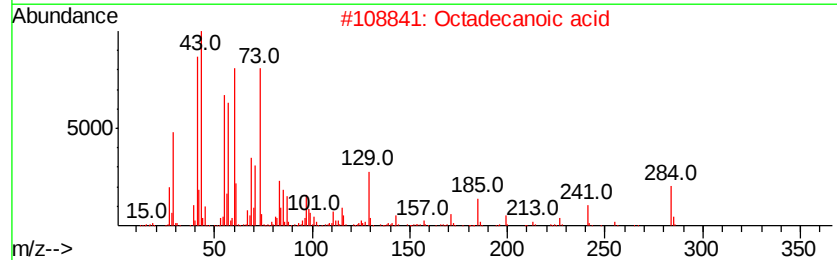
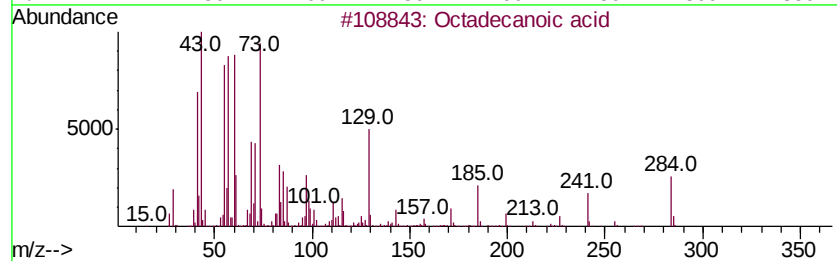
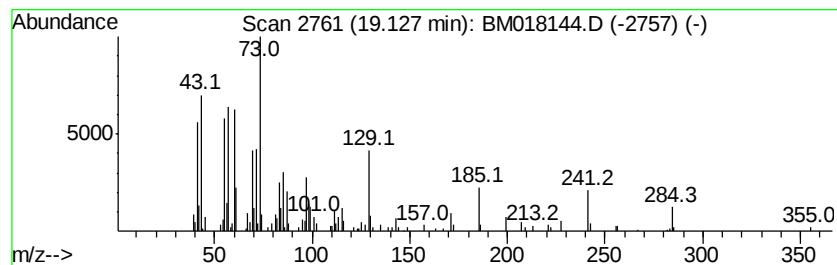
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.16 ng/ul	343500	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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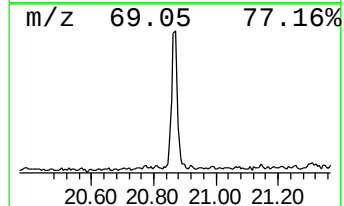
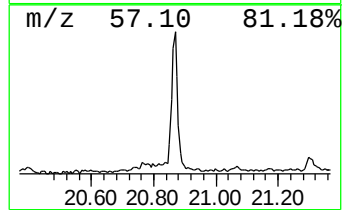
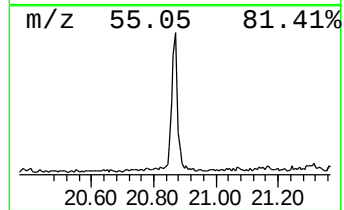
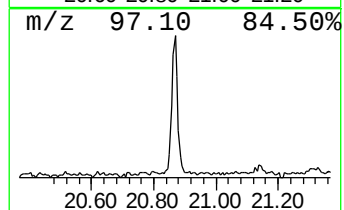
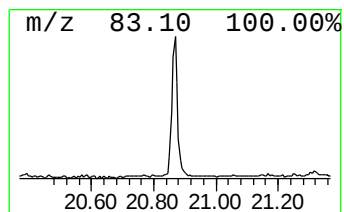
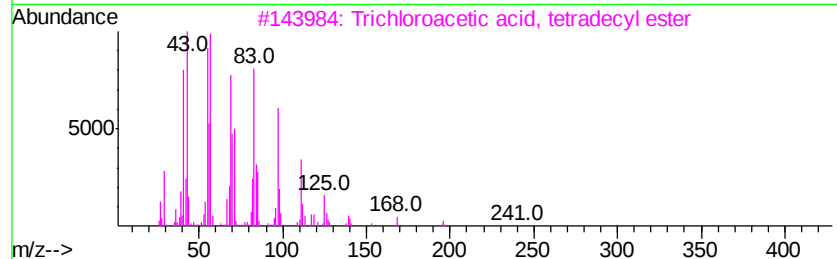
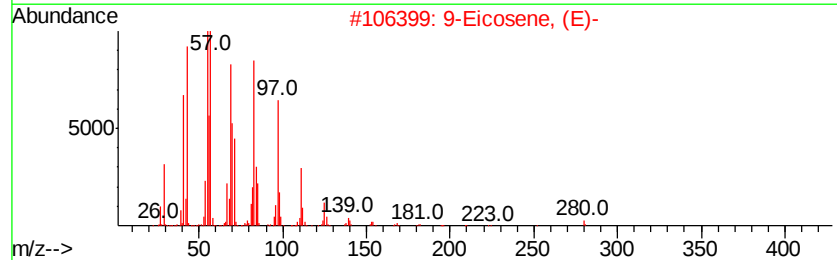
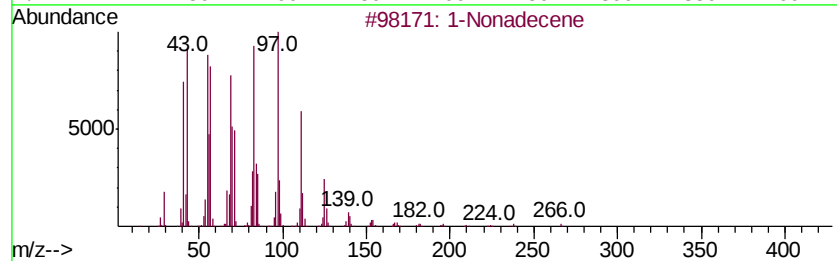
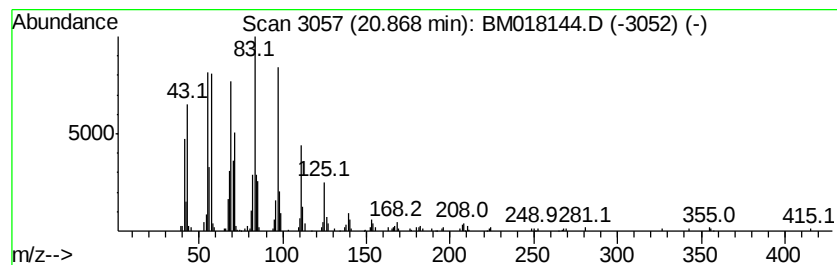
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.02 ng/ul	436325	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	93
2			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4			3-Eicosene, (E)-	280	C20H40	074685-33-9	80
5			Cyclotetracosane	336	C24H48	000297-03-0	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	8.0	ng/ul	713985	4	16.93	1785180	20.0
Octadecanoic acid	19.13	3.2	ng/ul	343500	5	21.14	2171230	20.0
(DEL) Alkane: Cyc...	20.87	4.0	ng/ul	436325	5	21.14	2171230	20.0