

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017993.D
 Acq On : 07 Dec 2018 09:38
 Operator : JU/SJ
 Sample : J6170-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9M09

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-BM111918MA.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	3.057	8	12	14	rBV5	4480	6287	0.25%	0.025%
2	3.169	29	31	33	rVB2	4007	3203	0.13%	0.013%
3	3.393	67	69	74	rVB4	4441	4755	0.19%	0.019%
4	3.604	103	105	109	rVB3	4465	3732	0.15%	0.015%
5	3.763	127	132	137	rVB3	10197	16837	0.68%	0.067%
6	3.851	143	147	150	rBV5	4094	6982	0.28%	0.028%
7	3.910	154	157	159	rBV4	2127	3116	0.13%	0.012%
8	3.957	162	165	169	rVB4	11043	13229	0.53%	0.053%
9	4.751	295	300	309	rBV	42088	65150	2.62%	0.260%
10	5.693	458	460	463	rBV2	2071	2922	0.12%	0.012%
11	5.987	503	510	515	rVB3	6949	14322	0.58%	0.057%
12	6.681	625	628	631	rVB3	2580	3065	0.12%	0.012%
13	6.757	635	641	654	rVV2	70856	212087	8.54%	0.846%
14	6.910	660	667	682	rBV	290527	479905	19.32%	1.914%
15	7.098	692	699	709	rBV	321263	562564	22.65%	2.244%
16	7.469	760	762	764	rBV2	2594	2951	0.12%	0.012%
17	7.557	770	777	788	rBV	487311	836505	33.68%	3.337%
18	7.634	788	790	792	rVB3	3927	2670	0.11%	0.011%
19	8.081	863	866	870	rBV3	2103	3067	0.12%	0.012%
20	8.275	891	899	913	rBV	197463	392848	15.82%	1.567%
21	8.716	967	974	984	rBV	322350	583424	23.49%	2.327%
22	8.886	1001	1003	1007	rVB2	2412	3093	0.12%	0.012%
23	9.098	1031	1039	1043	rVV3	12683	20232	0.81%	0.081%
24	9.428	1087	1095	1110	rBV	272441	502756	20.24%	2.005%
25	9.586	1118	1122	1124	rBV2	2122	2775	0.11%	0.011%
26	9.710	1140	1143	1144	rBV2	2375	2564	0.10%	0.010%
27	9.880	1170	1172	1177	rVB2	2250	2485	0.10%	0.010%
28	9.969	1180	1187	1215	rBV	195874	707077	28.47%	2.820%
29	10.322	1240	1247	1258	rBV	636001	1108194	44.62%	4.421%
30	10.539	1280	1284	1285	rBV	2528	3585	0.14%	0.014%
31	10.557	1285	1287	1289	rVV2	3704	3507	0.14%	0.014%
32	10.580	1289	1291	1294	rVB4	3512	2999	0.12%	0.012%
33	11.586	1457	1462	1466	rVB4	2162	3361	0.14%	0.013%
34	11.957	1519	1525	1528	rBV3	3961	7337	0.30%	0.029%

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35	12.333	1583	1589	1594	rBV3	1423	3069	0.12%	0.012%
36	12.386	1597	1598	1603	rBV2	1904	2782	0.11%	0.011%
37	13.627	1802	1809	1816	rBV	726053	1114975	44.89%	4.448%
38	13.733	1825	1827	1831	rVB3	3429	4345	0.17%	0.017%
39	13.798	1831	1838	1843	rBV5	2770	5709	0.23%	0.023%
40	13.892	1848	1854	1866	rBV	885784	1354678	54.54%	5.404%
41	13.986	1869	1870	1878	rVB6	6724	8044	0.32%	0.032%
42	14.104	1887	1890	1894	rBV3	1896	2509	0.10%	0.010%
43	14.204	1901	1907	1919	rBV2	870802	1360582	54.78%	5.427%
44	14.510	1955	1959	1960	rBV2	7642	7668	0.31%	0.031%
45	14.533	1960	1963	1964	rVV3	3563	3774	0.15%	0.015%
46	14.668	1980	1986	1991	rVB5	6593	14725	0.59%	0.059%
47	14.998	2039	2042	2044	rBV2	2369	2898	0.12%	0.012%
48	15.051	2048	2051	2052	rBV3	4710	4044	0.16%	0.016%
49	15.210	2071	2078	2091	rBV	1053370	1711378	68.91%	6.827%
50	15.292	2091	2092	2096	rVV3	6102	7981	0.32%	0.032%
51	15.357	2097	2103	2116	rVV	237039	460848	18.56%	1.838%
52	15.451	2116	2119	2125	rVV3	15019	28285	1.14%	0.113%
53	15.598	2140	2144	2146	rBV5	2338	3752	0.15%	0.015%
54	15.792	2173	2177	2182	rVB6	2399	3794	0.15%	0.015%
55	15.898	2192	2195	2198	rVB2	3483	4769	0.19%	0.019%
56	15.933	2198	2201	2204	rBV3	3912	6502	0.26%	0.026%
57	16.110	2227	2231	2233	rBV2	3368	4230	0.17%	0.017%
58	16.339	2267	2270	2276	rVB5	2782	4750	0.19%	0.019%
59	16.504	2293	2298	2299	rBV4	2998	4973	0.20%	0.020%
60	16.580	2307	2311	2314	rVB4	2601	3257	0.13%	0.013%
61	16.609	2314	2316	2321	rVB4	2265	3973	0.16%	0.016%
62	16.662	2321	2325	2326	rBV3	2931	3526	0.14%	0.014%
63	16.757	2336	2341	2345	rBV3	6415	9593	0.39%	0.038%
64	16.821	2348	2352	2353	rVB3	3588	3415	0.14%	0.014%
65	16.962	2369	2376	2384	rBV	1095956	1531997	61.68%	6.111%
66	17.015	2384	2385	2387	rVV2	16398	12807	0.52%	0.051%
67	17.062	2387	2393	2407	rVB	1150767	1765339	71.08%	7.042%
68	17.198	2414	2416	2418	rVB3	4274	2943	0.12%	0.012%
69	17.333	2437	2439	2444	rVB4	4375	5233	0.21%	0.021%
70	17.474	2461	2463	2467	rVB3	3789	3427	0.14%	0.014%
71	17.527	2468	2472	2473	rBV2	2645	2854	0.11%	0.011%

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72	17.739	2504	2508	2509	rBV3	2018	2603	0.10%	0.010%
73	17.815	2520	2521	2524	rVB2	4593	3411	0.14%	0.014%
74	17.874	2524	2531	2541	rBV	237886	385162	15.51%	1.536%
75	18.104	2568	2570	2575	rBV5	2997	4193	0.17%	0.017%
76	18.162	2577	2580	2581	rVB2	3780	3289	0.13%	0.013%
77	18.180	2581	2583	2588	rBV6	2480	3950	0.16%	0.016%
78	18.286	2598	2601	2602	rBV3	4172	3038	0.12%	0.012%
79	18.421	2620	2624	2625	rBV3	4260	5455	0.22%	0.022%
80	18.498	2635	2637	2640	rBV4	4124	4913	0.20%	0.020%
81	18.762	2680	2682	2684	rBV2	3017	3408	0.14%	0.014%
82	18.815	2689	2691	2694	rBV4	3138	2819	0.11%	0.011%
83	19.015	2719	2725	2728	rBV2	18053	35995	1.45%	0.144%
84	19.168	2746	2751	2759	rBV	194592	314140	12.65%	1.253%
85	19.256	2763	2766	2771	rVV2	17183	27032	1.09%	0.108%
86	19.315	2773	2776	2777	rBV3	6197	5993	0.24%	0.024%
87	19.368	2779	2785	2795	rVV	1540458	2088262	84.08%	8.330%
88	19.698	2839	2841	2844	rBV4	5838	6344	0.26%	0.025%
89	20.839	3032	3035	3039	rBV2	35563	54304	2.19%	0.217%
90	20.897	3041	3045	3054	rVV2	180125	249945	10.06%	0.997%
91	21.174	3087	3092	3101	rBV	1393476	1881511	75.76%	7.505%
92	21.756	3189	3191	3194	rBV	45466	51042	2.06%	0.204%
93	22.209	3265	3268	3273	rVB2	84695	92405	3.72%	0.369%
94	22.691	3347	3350	3355	rVB2	106890	156376	6.30%	0.624%
95	23.209	3432	3438	3452	rVB	1267656	2483629	100.00%	9.907%
96	23.350	3455	3462	3471	rVB2	928923	1907534	76.80%	7.609%
97	23.850	3543	3547	3555	rVB2	135309	223637	9.00%	0.892%

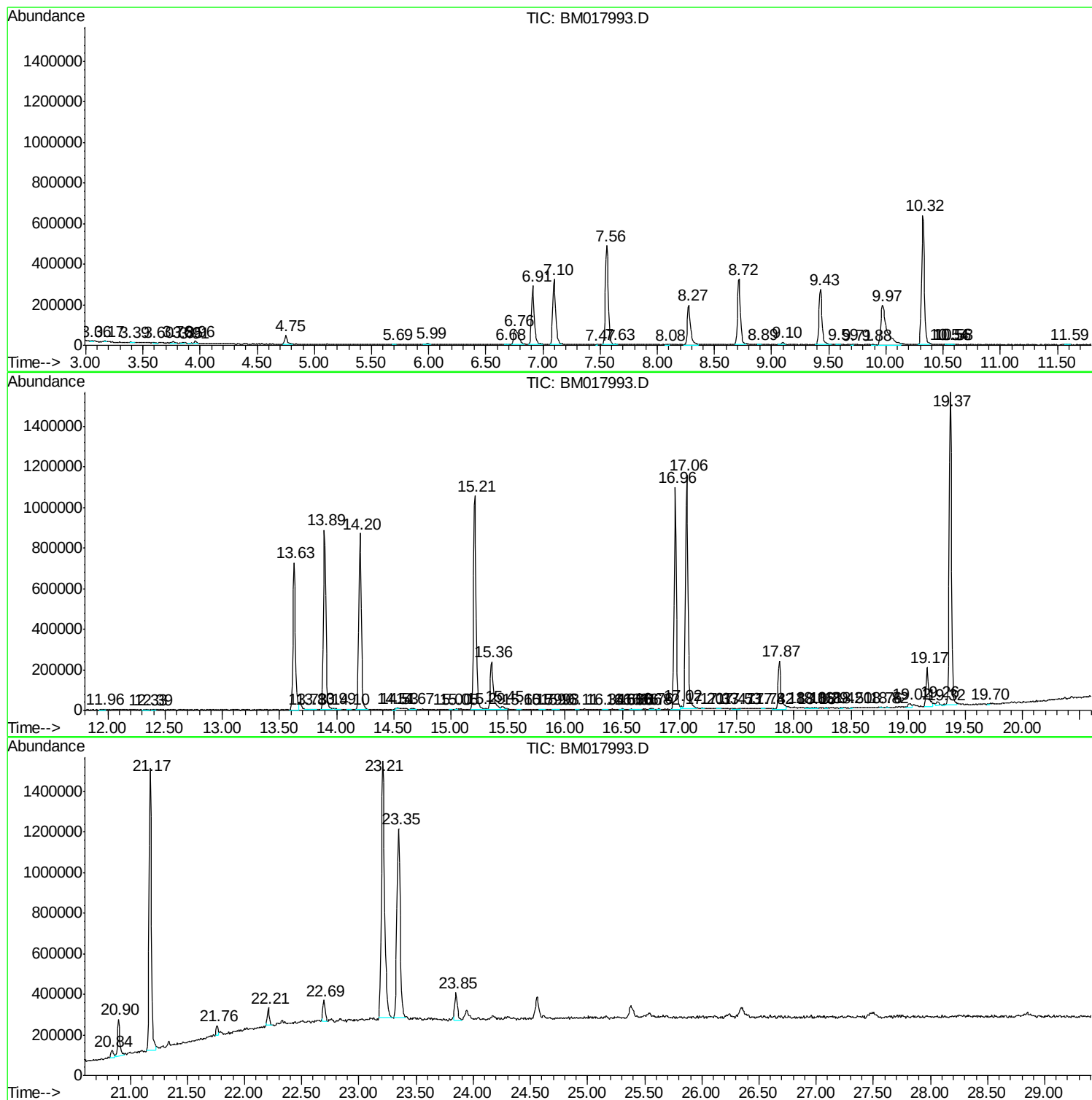
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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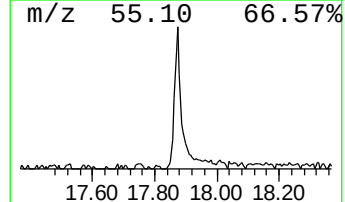
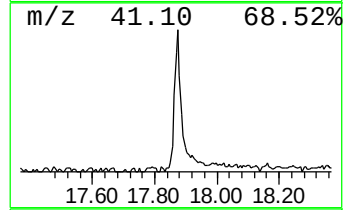
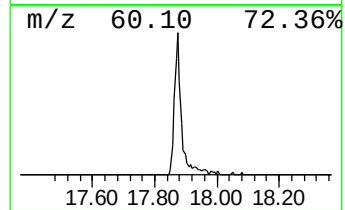
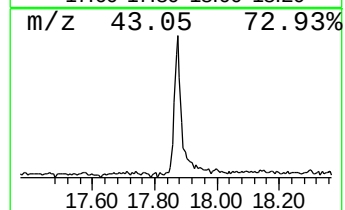
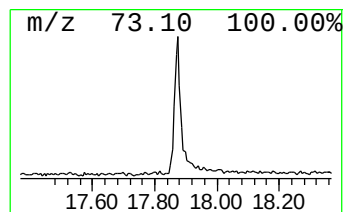
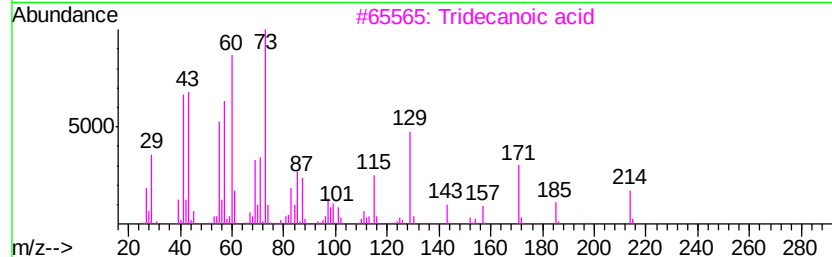
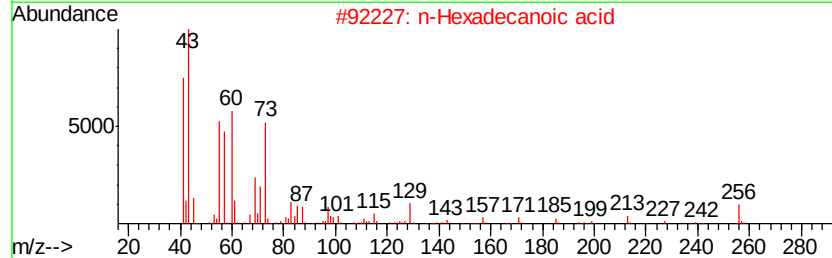
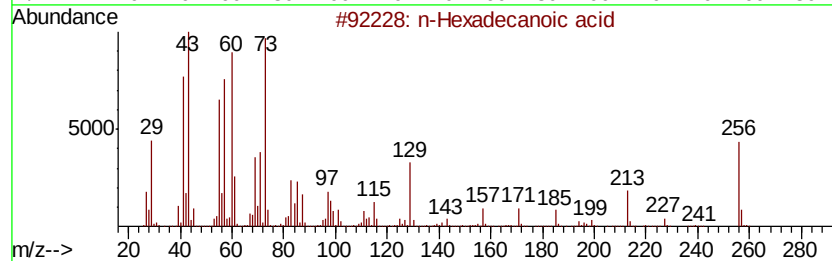
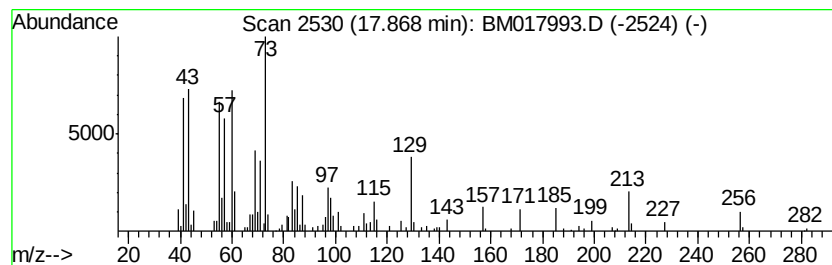
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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.
17.87	5.03 ng/ul	385162	Phenanthrene-d10	16.96
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	98
3	Tridecanoic acid	214 C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	86
5	Tridecanoic acid	214 C13H26O2	000638-53-9	86



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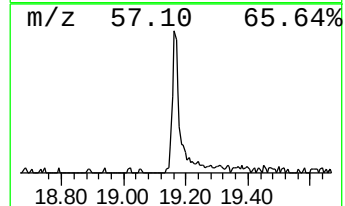
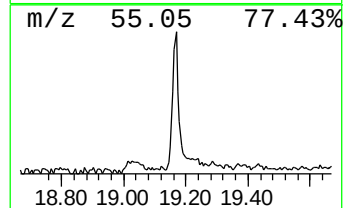
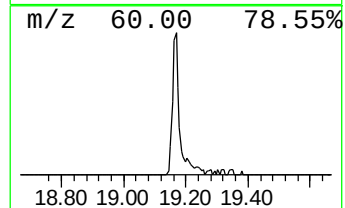
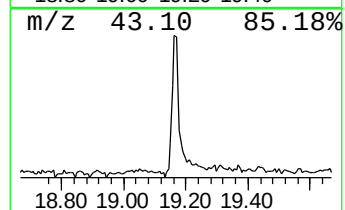
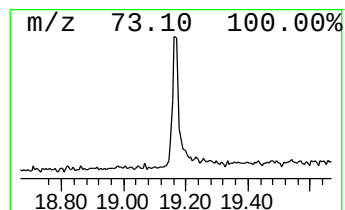
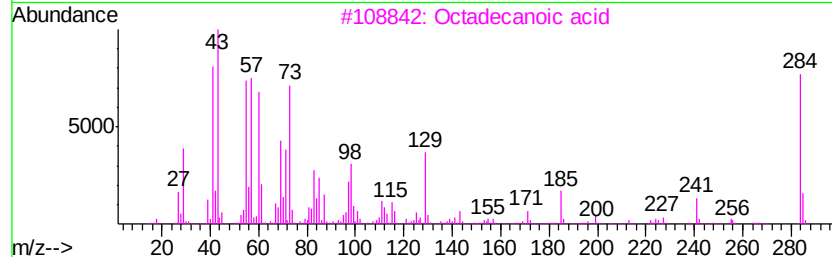
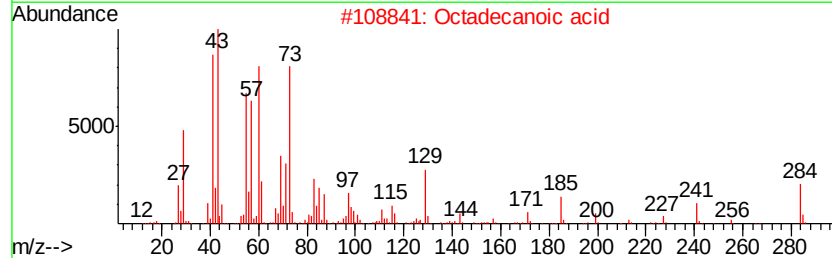
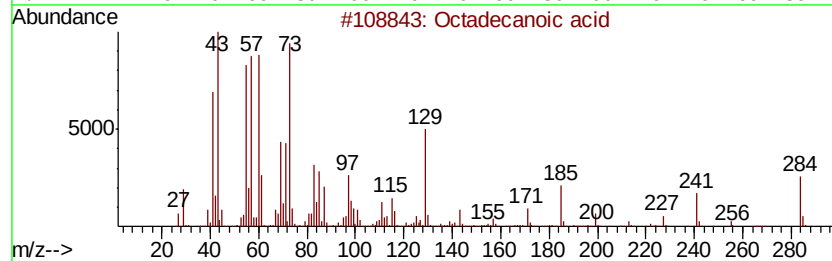
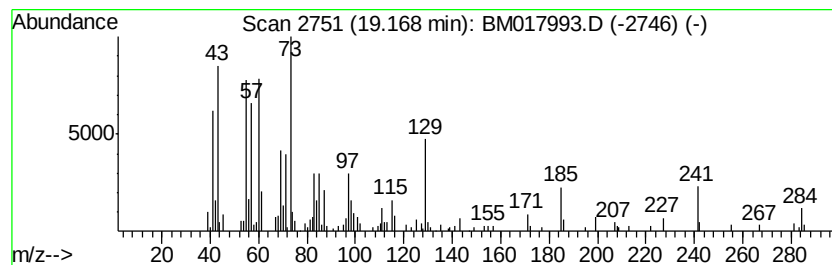
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.17	3.34 ng/ul	314140	Chrysene-d12	21.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Octadecanoic acid		284	C18H36O2	000057-11-4	98
3	Octadecanoic acid		284	C18H36O2	000057-11-4	95
4	Octadecanoic acid		284	C18H36O2	000057-11-4	93
5	Octadecanoic acid, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	91



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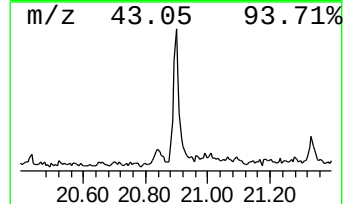
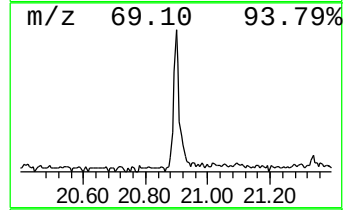
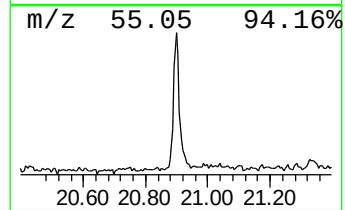
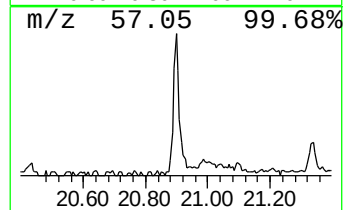
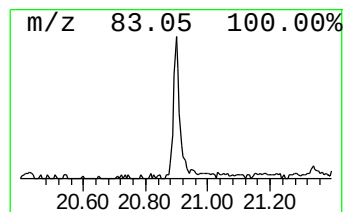
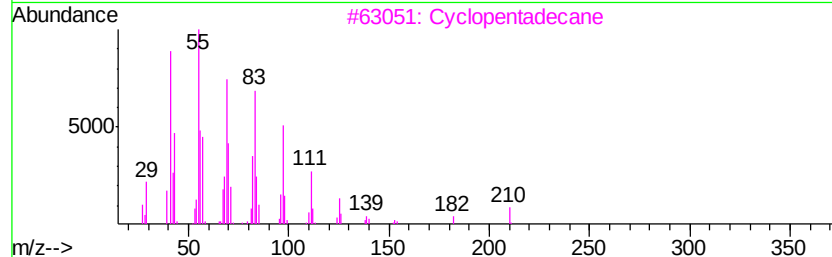
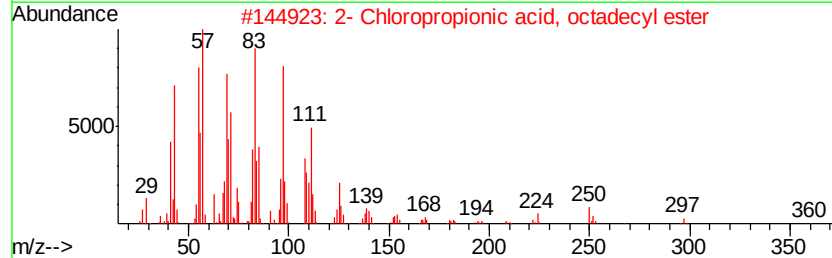
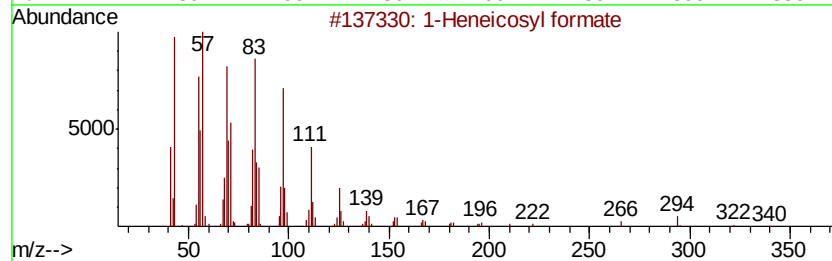
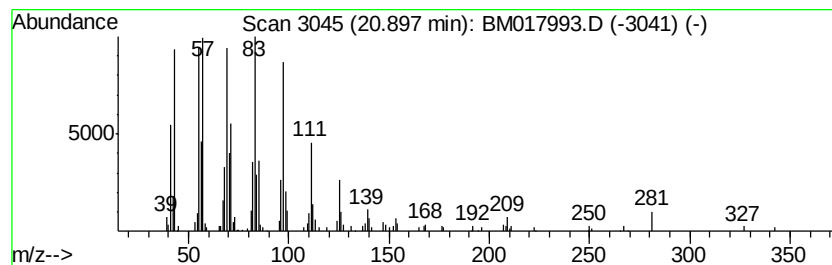
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Peak Number 3 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.66 ng/ul	249945	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
2	2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8	94
3	Cyclopentadecane	210 C15H30	000295-48-7	93
4	1-Octadecanol	270 C18H38O	000112-92-5	91
5	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	91



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ClientSampleId :
F9M09

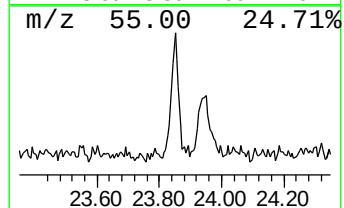
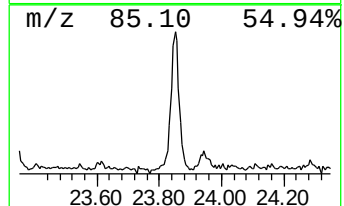
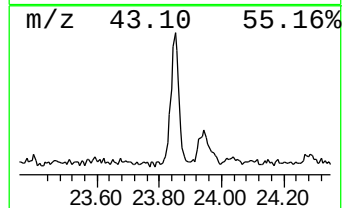
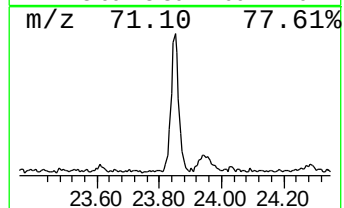
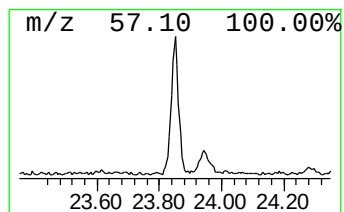
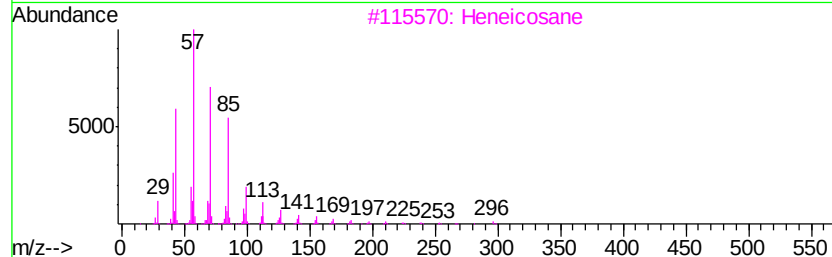
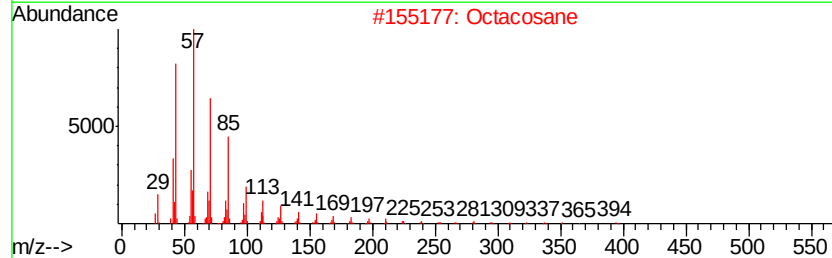
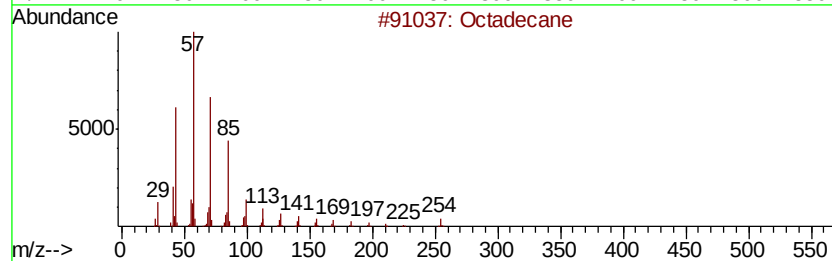
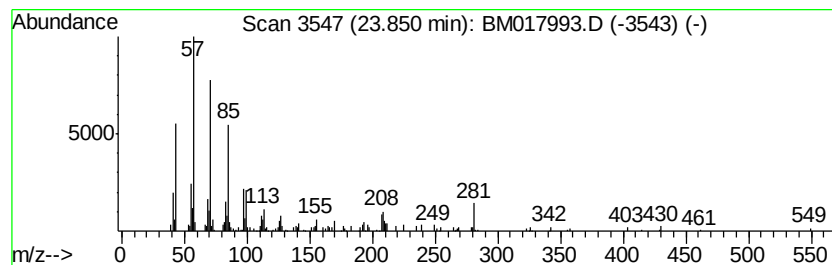
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.34 ng/ul	223637	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	89
2		Octacosane	394	C28H58	000630-02-4	74
3		Heneicosane	296	C21H44	000629-94-7	68
4		Heptadecane	240	C17H36	000629-78-7	68
5		Hentriacontane	437	C31H64	000630-04-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120718\
Data File : BM017993.D
Acq On : 07 Dec 2018 09:38
Operator : JU/SJ
Sample : J6170-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
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	17.87	5.0	ng/ul	385162	4	16.96	1532000	20.0
Octadecanoic acid	19.17	3.3	ng/ul	314140	5	21.17	1881510	20.0
1-Heneicosyl formate	20.90	2.7	ng/ul	249945	5	21.17	1881510	20.0
(DEL) Alkane: Str...	23.85	2.3	ng/ul	223637	6	23.35	1907530	20.0