

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
 Data File : BM022799.D
 Acq On : 27 Sep 2019 22:50
 Operator : JU
 Sample : K4985-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJT5

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-BM092719MA.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	3.269	45	48	60	rVB	55074	88058	1.12%	0.131%
2	3.922	154	159	166	rVB	30764	49767	0.63%	0.074%
3	4.010	170	174	180	rVB	13193	18716	0.24%	0.028%
4	4.104	187	190	195	rVB	8917	12886	0.16%	0.019%
5	4.463	248	251	256	rVB2	8804	10899	0.14%	0.016%
6	4.951	327	334	340	rBV5	7636	17993	0.23%	0.027%
7	6.198	542	546	551	rVB	8589	10666	0.14%	0.016%
8	6.975	672	678	691	rBV2	269702	548843	6.95%	0.814%
9	7.139	700	706	723	rBV	753763	1232330	15.61%	1.827%
10	7.345	733	741	755	rVB	878909	1415096	17.93%	2.099%
11	7.810	813	820	828	rBV	912316	1412533	17.90%	2.095%
12	7.881	828	832	838	rVB	6600	9676	0.12%	0.014%
13	8.510	932	939	952	rBV	728386	1144507	14.50%	1.697%
14	8.963	1009	1016	1028	rBV	985858	1594960	20.21%	2.365%
15	9.133	1041	1045	1051	rVB4	8511	14607	0.19%	0.022%
16	9.416	1083	1093	1098	rBV	22451	35661	0.45%	0.053%
17	9.686	1132	1139	1153	rBV	809030	1314885	16.66%	1.950%
18	10.222	1223	1230	1243	rBV	1315304	2096521	26.56%	3.109%
19	10.551	1281	1286	1288	rBV	6635	9861	0.12%	0.015%
20	10.604	1288	1295	1303	rVB	1296015	2145524	27.19%	3.182%
21	10.733	1309	1317	1327	rVB	151033	271559	3.44%	0.403%
22	11.586	1458	1462	1473	rBV4	6999	21949	0.28%	0.033%
23	11.904	1512	1516	1521	rBV	13074	19269	0.24%	0.029%
24	12.192	1556	1565	1570	rBV	18562	28448	0.36%	0.042%
25	13.286	1746	1751	1758	rBV2	8270	13676	0.17%	0.020%
26	13.857	1841	1848	1852	rBV	2431878	3379078	42.82%	5.011%
27	13.898	1852	1855	1863	rVB	220789	304704	3.86%	0.452%
28	14.139	1889	1896	1909	rVB	2880867	4146120	52.54%	6.149%
29	14.357	1928	1933	1938	rBV4	5590	10006	0.13%	0.015%
30	14.445	1940	1948	1961	rBV	2076697	3118279	39.51%	4.624%
31	14.627	1974	1979	1993	rBV	270955	416160	5.27%	0.617%
32	14.862	2014	2019	2025	rBV2	12271	19442	0.25%	0.029%
33	15.192	2069	2075	2080	rVB	6341	8571	0.11%	0.013%
34	15.251	2081	2085	2089	rVV3	6075	10060	0.13%	0.015%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.304	2091	2094	2099	rVB3	8134	10556	0.13%	0.016%
36	15.439	2110	2117	2128	rBV	3756384	5283651	66.95%	7.835%
37	15.551	2130	2136	2151	rBV	1148219	1529560	19.38%	2.268%
38	15.674	2151	2157	2162	rBV	42206	56456	0.72%	0.084%
39	16.121	2230	2233	2237	rVB	9826	11748	0.15%	0.017%
40	16.221	2246	2250	2255	rVB4	17927	22674	0.29%	0.034%
41	16.368	2272	2275	2280	rVB2	8369	12144	0.15%	0.018%
42	16.433	2283	2286	2289	rBV3	6416	8461	0.11%	0.013%
43	16.592	2307	2313	2319	rBV4	13654	21663	0.27%	0.032%
44	16.692	2325	2330	2334	rVB3	7535	10763	0.14%	0.016%
45	16.968	2369	2377	2380	rBV5	9927	19443	0.25%	0.029%
46	17.186	2407	2414	2424	rBV	2686960	3690811	46.77%	5.473%
47	17.286	2424	2431	2441	rBV	4397756	6145737	77.87%	9.114%
48	17.415	2450	2453	2458	rBV3	7519	13491	0.17%	0.020%
49	17.574	2478	2480	2484	rVB4	7156	8021	0.10%	0.012%
50	17.956	2541	2545	2549	rBV6	4966	8788	0.11%	0.013%
51	18.086	2561	2567	2585	rBV	703291	1125916	14.27%	1.670%
52	18.515	2636	2640	2643	rBV5	13333	16698	0.21%	0.025%
53	18.945	2710	2713	2715	rBV3	11301	12774	0.16%	0.019%
54	19.209	2754	2758	2761	rBV	63678	80215	1.02%	0.119%
55	19.239	2761	2763	2767	rVB5	12107	13147	0.17%	0.019%
56	19.362	2780	2784	2796	rBV	458110	740389	9.38%	1.098%
57	19.462	2798	2801	2805	rVB	54966	75549	0.96%	0.112%
58	19.574	2814	2820	2827	rBV	5753605	7892057	100.00%	11.704%
59	20.127	2912	2914	2919	rVB	28132	28881	0.37%	0.043%
60	20.497	2972	2977	2986	rBV	335203	441857	5.60%	0.655%
61	21.080	3071	3076	3086	rBV	682276	971739	12.31%	1.441%
62	21.362	3119	3124	3130	rBV	3195084	4059632	51.44%	6.020%
63	21.521	3148	3151	3156	rBV	108454	119708	1.52%	0.178%
64	21.962	3223	3226	3232	rBV2	123792	165362	2.10%	0.245%
65	22.427	3303	3305	3310	rVB2	163839	194359	2.46%	0.288%
66	22.944	3390	3393	3399	rVB	188847	248265	3.15%	0.368%
67	23.485	3478	3485	3497	rVB	3181338	6189367	78.43%	9.179%
68	23.627	3503	3509	3518	rVB	1677229	3251660	41.20%	4.822%

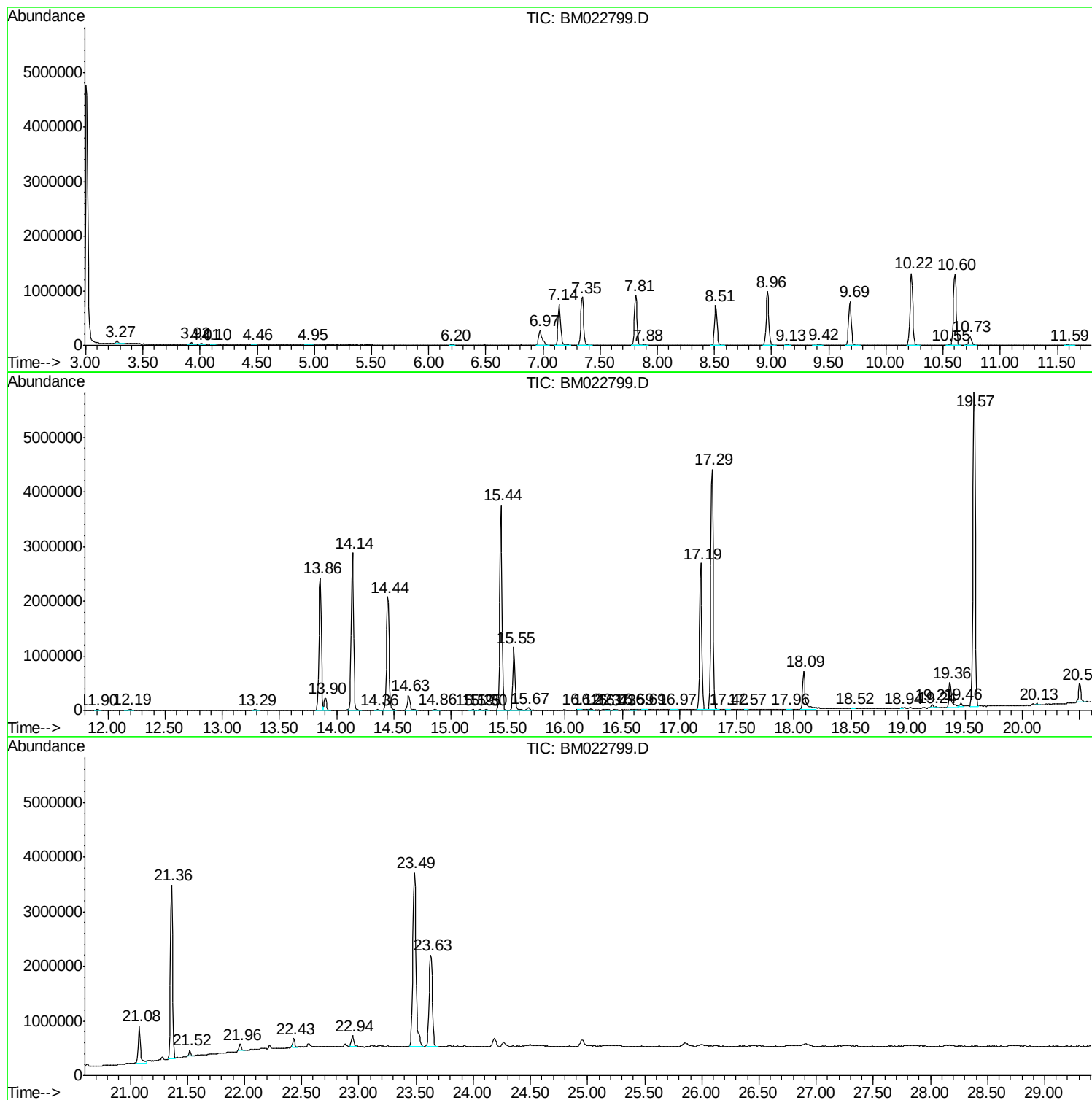
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Quant Title : SVOA CALIBRATION

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



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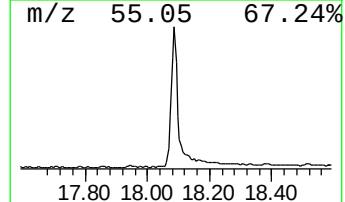
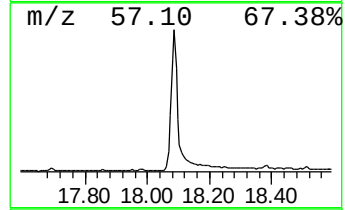
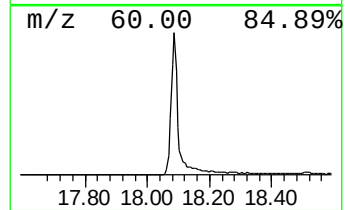
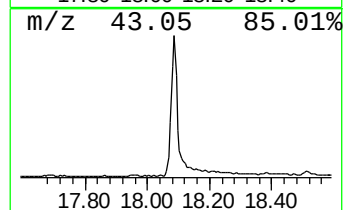
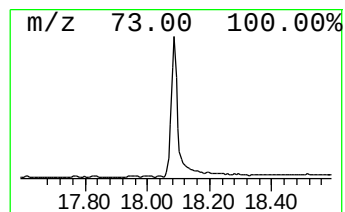
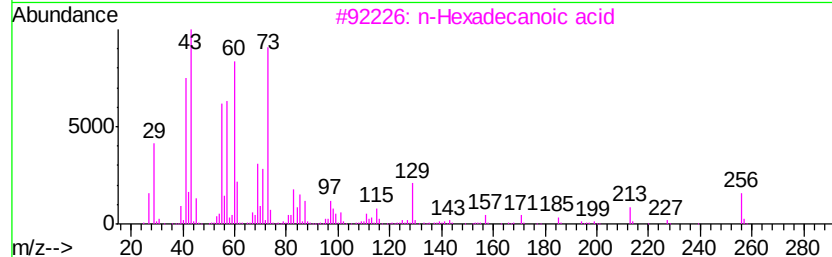
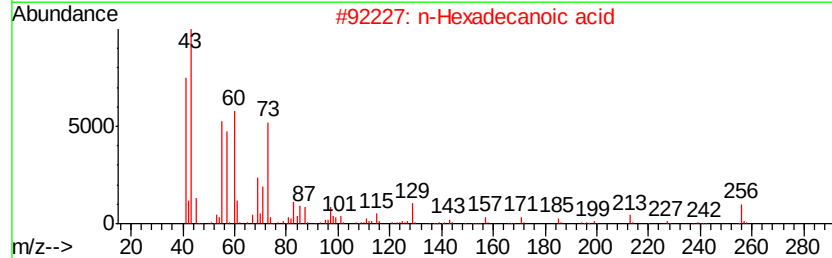
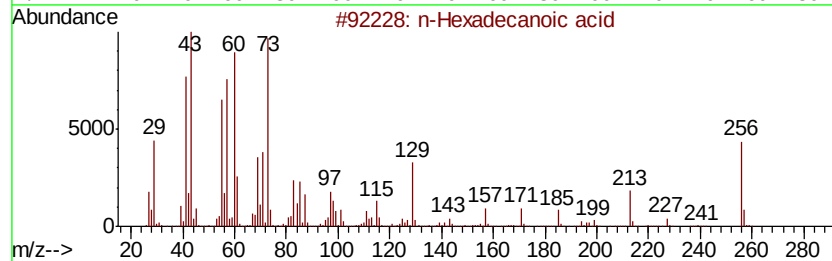
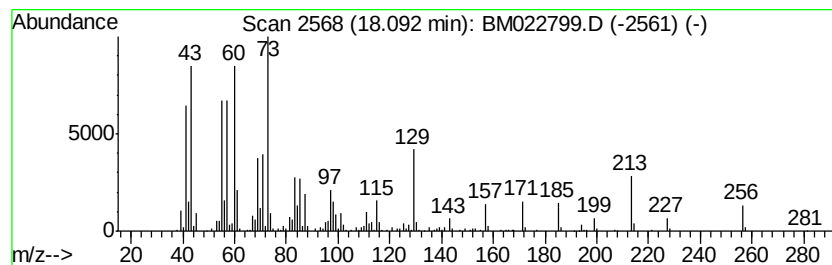
Instrument :
BNA_M
ClientSampleId :
ETJT5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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.	
18.09	6.10 ng/ul	1125920	Phenanthrene-d10	17.19	
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	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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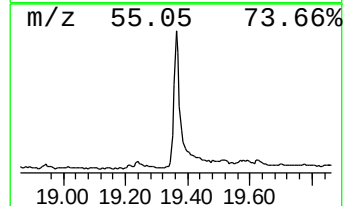
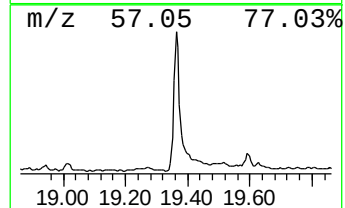
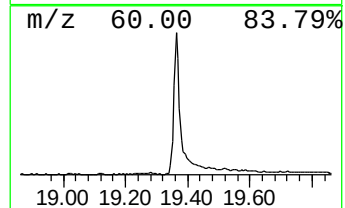
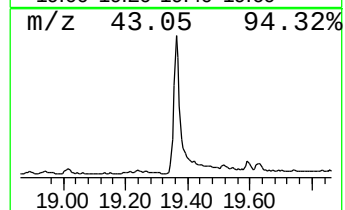
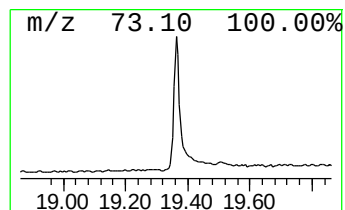
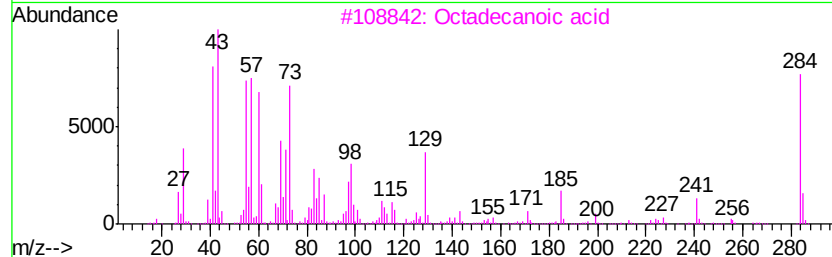
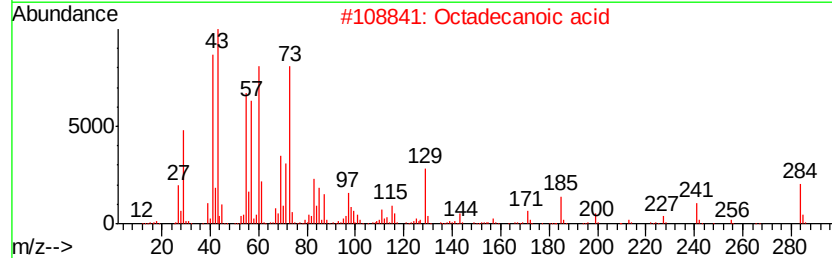
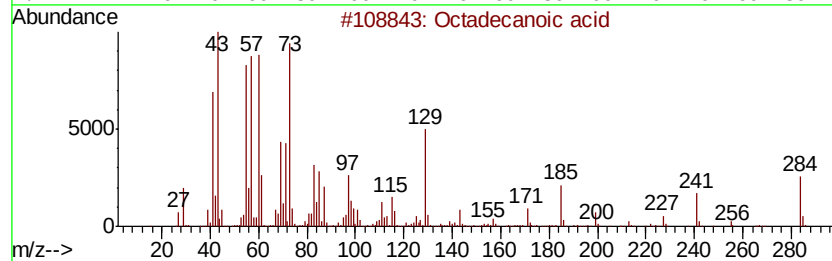
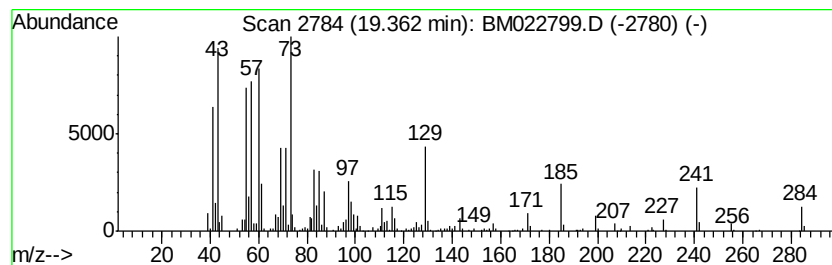
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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.	
19.36	3.65 ng/ul	740389	Chrysene-d12		21.36	
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	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	87



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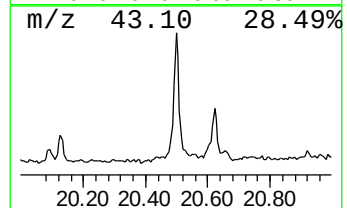
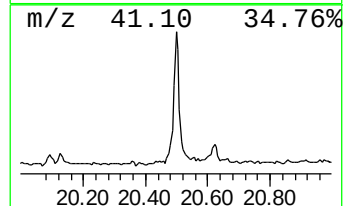
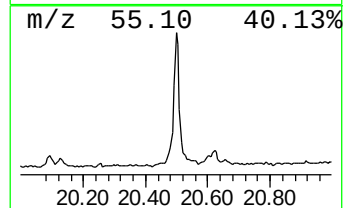
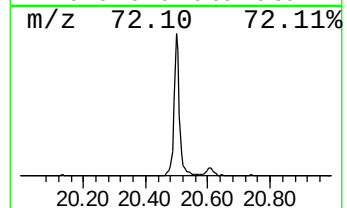
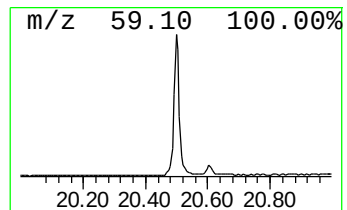
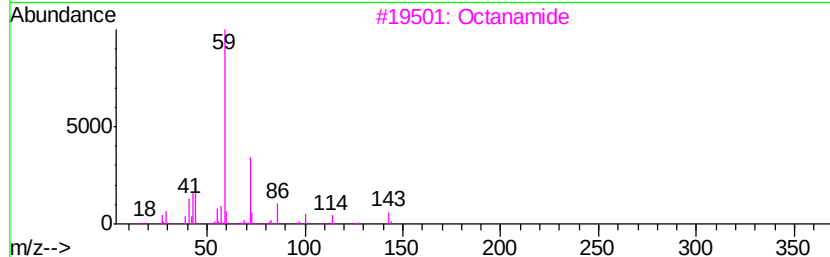
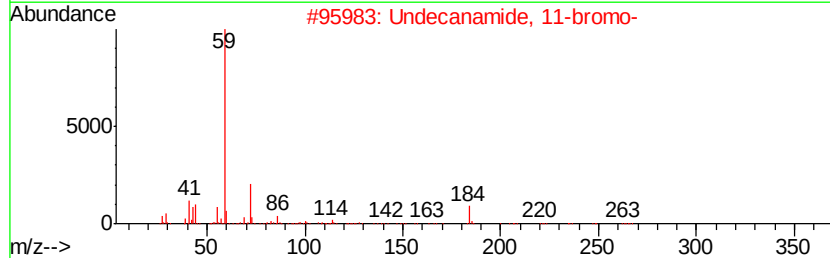
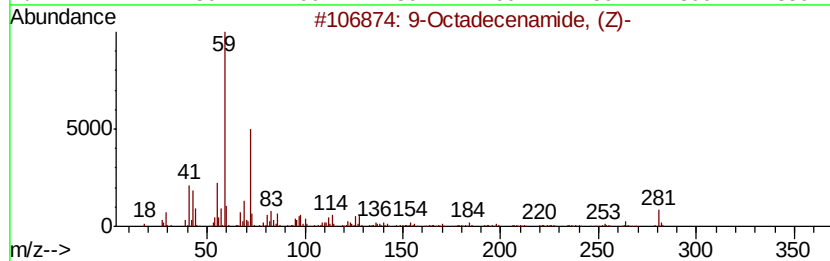
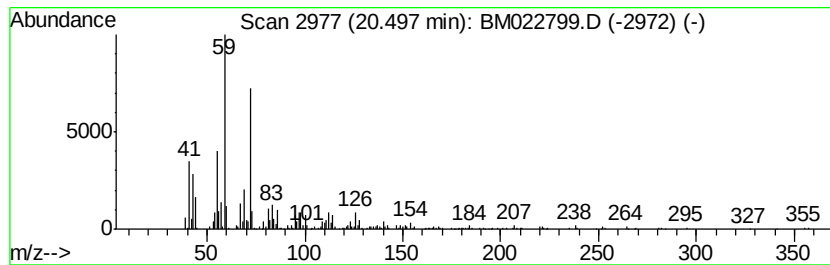
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.18 ng/ul	441857	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2		Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	64
3		Octanamide	143	C8H17NO	000629-01-6	64
4		Dodecanamide	199	C12H25NO	001120-16-7	64
5		Nonanamide	157	C9H19NO	001120-07-6	59



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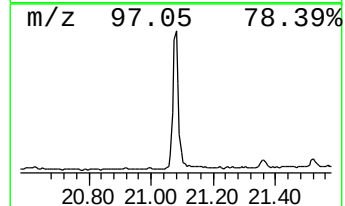
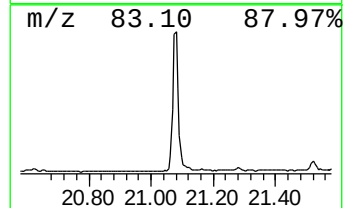
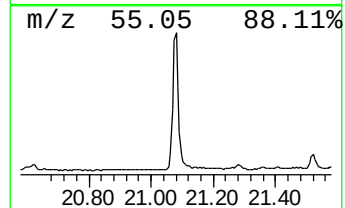
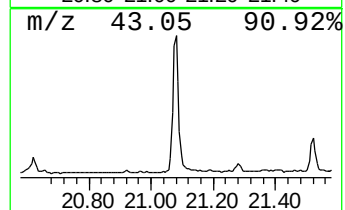
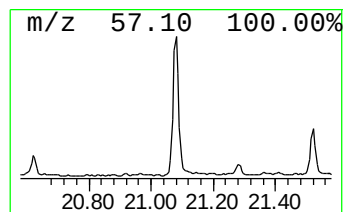
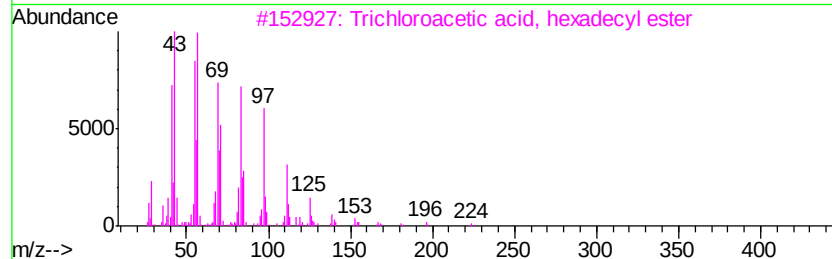
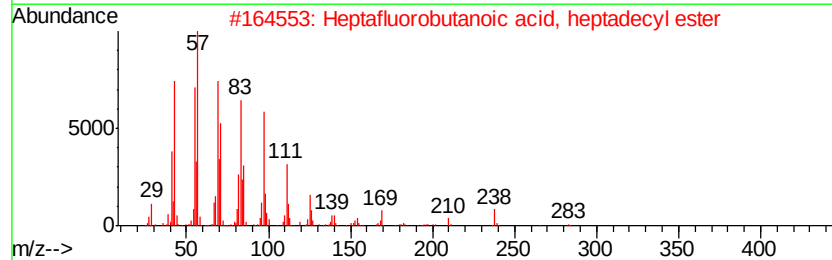
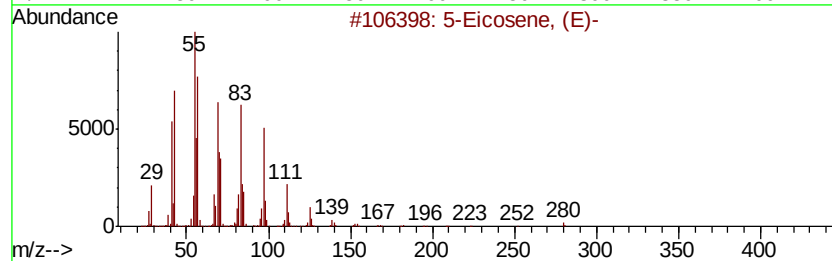
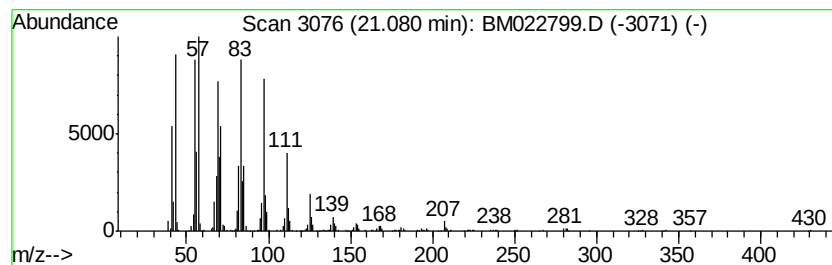
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.08	4.79 ng/ul	971739	Chrysene-d12	21.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	98
2	Heptafluorobutanoic acid, heptadecyl ester		452	C21H35F7O2	1000282-97-3	94
3	Trichloroacetic acid, hexadecyl ester		386	C18H33Cl3O2	074339-54-1	91
4	Trifluoroacetic acid, n-octadecyl ester		366	C20H37F3O2	079392-43-1	91
5	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	91



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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	18.09	6.1	ng/ul	1125920	4	17.19	3690810	20.0
Octadecanoic acid	19.36	3.6	ng/ul	740389	5	21.36	4059630	20.0
9-Octadecenamide,...	20.50	2.2	ng/ul	441857	5	21.36	4059630	20.0
(DEL) Alkane: Cyc...	21.08	4.8	ng/ul	971739	5	21.36	4059630	20.0