

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
 Data File : BM027044.D
 Acq On : 12 Aug 2020 12:25
 Operator : JU/CG
 Sample : L3612-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFN7

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-BM080720MA.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	3.199	32	36	41	rBV	13781	16340	1.08%	0.079%
2	3.605	102	105	109	rVB3	2732	3541	0.23%	0.017%
3	3.699	117	121	127	rVB	11943	16520	1.09%	0.080%
4	3.828	138	143	148	rVB	23501	31496	2.09%	0.152%
5	3.916	154	158	162	rVB	6686	9973	0.66%	0.048%
6	4.805	304	309	315	rVB	15602	20488	1.36%	0.099%
7	4.905	322	326	330	rVB6	1912	3445	0.23%	0.017%
8	6.657	618	624	632	rVB4	2524	4500	0.30%	0.022%
9	6.816	641	651	662	rBV	244796	386234	25.58%	1.867%
10	6.981	672	679	688	rBV	206510	317187	21.01%	1.533%
11	7.181	706	713	720	rBV	267217	410807	27.20%	1.986%
12	7.263	723	727	730	rBV2	12877	19875	1.32%	0.096%
13	7.293	730	732	741	rVB4	6420	9733	0.64%	0.047%
14	7.640	784	791	802	rVB	364601	565791	37.47%	2.735%
15	8.345	903	911	919	rBV	269717	415905	27.54%	2.011%
16	8.457	925	930	935	rVB	8807	13986	0.93%	0.068%
17	8.781	977	985	996	rBV	243922	390387	25.85%	1.887%
18	9.269	1061	1068	1073	rVB6	2238	4414	0.29%	0.021%
19	9.498	1100	1107	1115	rBV	179106	292990	19.40%	1.416%
20	9.657	1127	1134	1137	rBV5	1862	3880	0.26%	0.019%
21	10.039	1192	1199	1207	rBV	311036	509875	33.77%	2.465%
22	10.416	1254	1263	1270	rBV	443422	726018	48.08%	3.510%
23	10.545	1279	1285	1294	rBV	213607	365447	24.20%	1.767%
24	10.610	1294	1296	1299	rVV3	3052	4031	0.27%	0.019%
25	12.010	1528	1534	1539	rVB2	4248	6224	0.41%	0.030%
26	12.639	1638	1641	1646	rVB3	2389	3225	0.21%	0.016%
27	12.892	1681	1684	1692	rVB2	4291	6555	0.43%	0.032%
28	13.022	1701	1706	1709	rBV4	3254	3877	0.26%	0.019%
29	13.192	1729	1735	1741	rVB7	7569	16309	1.08%	0.079%
30	13.692	1812	1820	1824	rBV	556949	777967	51.52%	3.761%
31	13.733	1824	1827	1835	rVV	199812	279189	18.49%	1.350%
32	13.963	1858	1866	1877	rBV	586512	824546	54.60%	3.986%
33	14.139	1891	1896	1900	rBV4	3541	4864	0.32%	0.024%
34	14.275	1912	1919	1926	rVV	670215	955440	63.27%	4.619%

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35	14.339	1926	1930	1932	rVV3	2533	4063	0.27%	0.020%
36	14.363	1932	1934	1937	rVB3	3613	3917	0.26%	0.019%
37	14.469	1945	1952	1962	rBV	218164	312992	20.73%	1.513%
38	14.539	1962	1964	1971	rVV5	5203	8824	0.58%	0.043%
39	14.616	1973	1977	1983	rVV4	2977	5684	0.38%	0.027%
40	14.716	1991	1994	1999	rVB5	3348	4265	0.28%	0.021%
41	15.110	2054	2061	2064	rBV3	4223	5779	0.38%	0.028%
42	15.198	2074	2076	2080	rVB3	2432	3192	0.21%	0.015%
43	15.269	2082	2088	2095	rVV	760523	1062479	70.36%	5.136%
44	15.333	2096	2099	2103	rVB3	3510	4575	0.30%	0.022%
45	15.386	2103	2108	2119	rBV	189684	259752	17.20%	1.256%
46	15.516	2126	2130	2133	rVB3	7141	8482	0.56%	0.041%
47	15.757	2169	2171	2176	rVB6	2412	3675	0.24%	0.018%
48	15.857	2181	2188	2192	rVB7	3889	7741	0.51%	0.037%
49	15.904	2192	2196	2200	rBV4	1670	3224	0.21%	0.016%
50	15.963	2200	2206	2210	rVV3	6739	12050	0.80%	0.058%
51	16.027	2214	2217	2219	rVV4	3930	5200	0.34%	0.025%
52	16.069	2219	2224	2229	rVV4	5937	13104	0.87%	0.063%
53	16.192	2241	2245	2250	rVB5	2364	4669	0.31%	0.023%
54	16.292	2258	2262	2267	rBV4	3509	5989	0.40%	0.029%
55	16.445	2284	2288	2296	rBV9	4559	9390	0.62%	0.045%
56	16.539	2298	2304	2307	rVV5	1726	3178	0.21%	0.015%
57	16.798	2343	2348	2358	rVB7	10485	21466	1.42%	0.104%
58	17.015	2379	2385	2390	rBV	779065	1097615	72.69%	5.306%
59	17.057	2390	2392	2396	rVV	56605	65450	4.33%	0.316%
60	17.115	2396	2402	2413	rVB2	776713	1101308	72.93%	5.324%
61	17.204	2415	2417	2419	rBV3	2704	3278	0.22%	0.016%
62	17.415	2448	2453	2458	rBV3	10695	16910	1.12%	0.082%
63	17.551	2467	2476	2478	rBV8	5238	9807	0.65%	0.047%
64	17.598	2481	2484	2488	rVV6	4631	6425	0.43%	0.031%
65	17.721	2502	2505	2508	rBV4	5022	5885	0.39%	0.028%
66	17.757	2508	2511	2512	rBV2	4967	4217	0.28%	0.020%
67	17.821	2515	2522	2528	rBV10	10178	22011	1.46%	0.106%
68	17.868	2528	2530	2533	rBV4	5734	5851	0.39%	0.028%
69	17.892	2533	2534	2537	rVB3	5343	3426	0.23%	0.017%
70	17.939	2537	2542	2550	rBV	348944	498516	33.01%	2.410%
71	18.086	2563	2567	2572	rVB3	12837	17495	1.16%	0.085%

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72	18.239	2589	2593	2595	rBV5	6114	9044	0.60%	0.044%
73	18.374	2612	2616	2618	rBV4	6788	9256	0.61%	0.045%
74	18.398	2618	2620	2623	rVV2	9653	10674	0.71%	0.052%
75	18.433	2623	2626	2630	rVB2	15131	19607	1.30%	0.095%
76	18.657	2661	2664	2666	rBV4	5637	6191	0.41%	0.030%
77	18.704	2669	2672	2675	rVB4	7966	11053	0.73%	0.053%
78	18.733	2675	2677	2680	rBV3	5905	7071	0.47%	0.034%
79	18.810	2687	2690	2696	rBV8	14160	24139	1.60%	0.117%
80	18.880	2699	2702	2705	rBV5	11208	14832	0.98%	0.072%
81	19.045	2726	2730	2732	rBV3	12026	20716	1.37%	0.100%
82	19.080	2732	2736	2742	rVB	168600	234903	15.56%	1.136%
83	19.227	2756	2761	2771	rBV	272006	389716	25.81%	1.884%
84	19.415	2787	2793	2805	rVB2	1015245	1510049	100.00%	7.300%
85	19.498	2805	2807	2810	rBV4	8691	10838	0.72%	0.052%
86	19.627	2826	2829	2831	rBV2	8404	8908	0.59%	0.043%
87	19.945	2881	2883	2890	rVB5	14376	16161	1.07%	0.078%
88	20.004	2890	2893	2896	rBV2	27568	29479	1.95%	0.143%
89	20.045	2898	2900	2905	rVB4	13264	11078	0.73%	0.054%
90	20.503	2975	2978	2980	rVB2	27752	26981	1.79%	0.130%
91	20.956	3050	3055	3066	rBV4	256984	468474	31.02%	2.265%
92	21.156	3086	3089	3092	rBV2	54951	67863	4.49%	0.328%
93	21.215	3093	3099	3103	rVV	1109817	1492482	98.84%	7.215%
94	21.251	3103	3105	3110	rVB	99145	113179	7.50%	0.547%
95	21.403	3128	3131	3135	rVB2	71553	83572	5.53%	0.404%
96	21.833	3200	3204	3210	rVB	306228	413132	27.36%	1.997%
97	22.792	3363	3367	3372	rVB	331834	470603	31.16%	2.275%
98	23.274	3443	3449	3455	rBV	696295	1202543	79.64%	5.814%
99	23.409	3466	3472	3487	rVB2	718488	1432092	94.84%	6.923%
100	23.986	3565	3570	3576	rVB	286265	517313	34.26%	2.501%

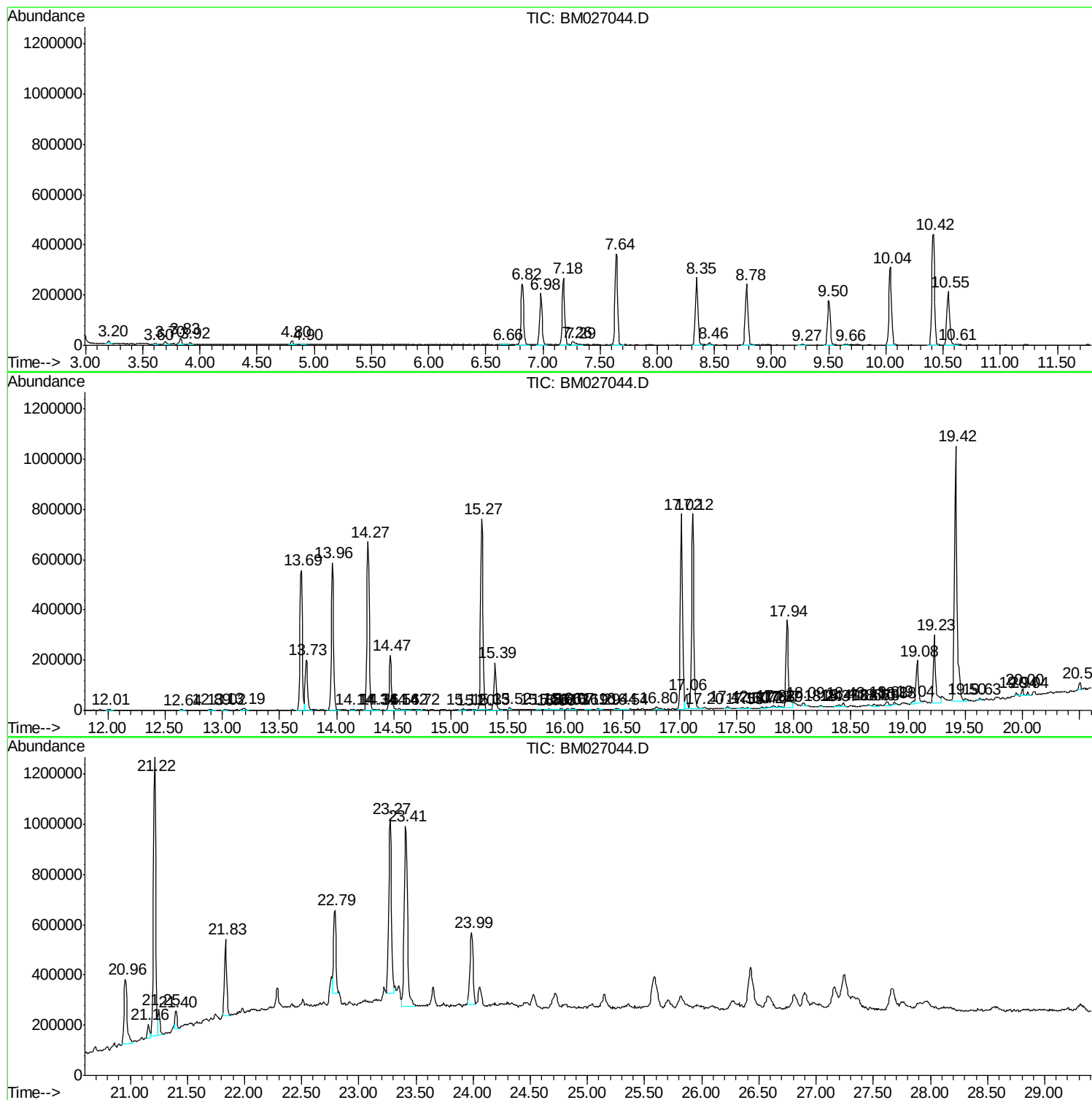
Sum of corrected areas: 20684892

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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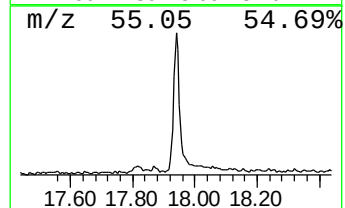
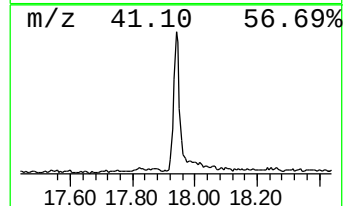
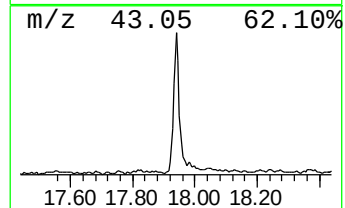
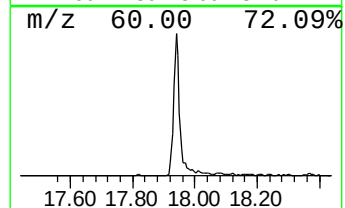
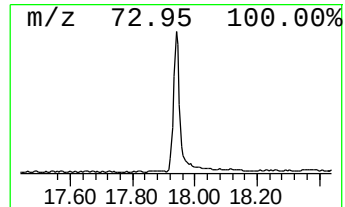
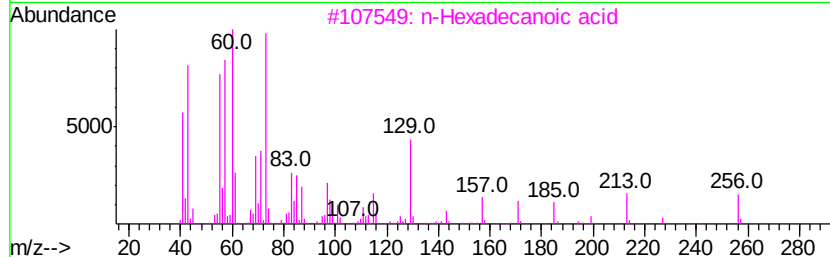
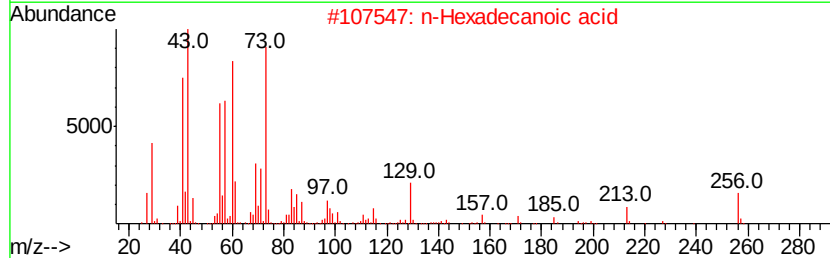
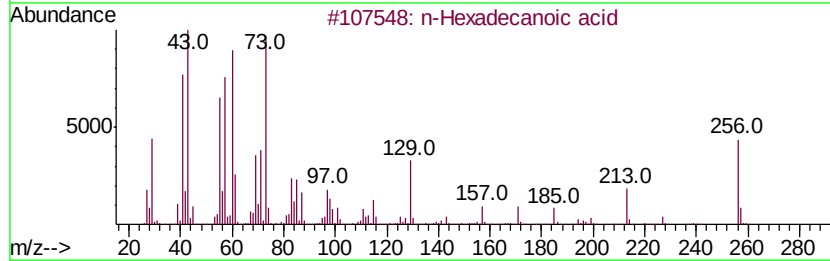
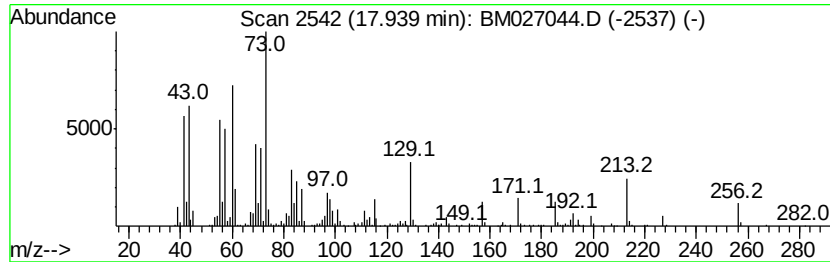
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	9.08 ng/ul	498516	Phenanthrene-d10	17.02
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	97
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
4	Tridecanoic acid	214 C13H26O2	000638-53-9	78
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	74



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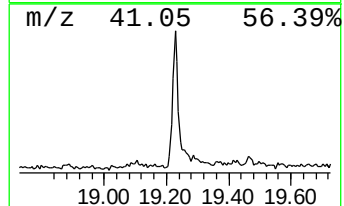
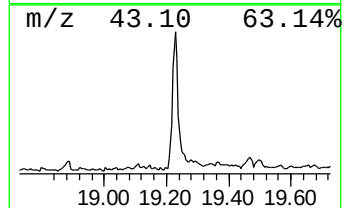
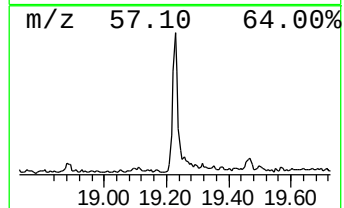
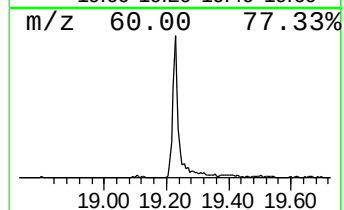
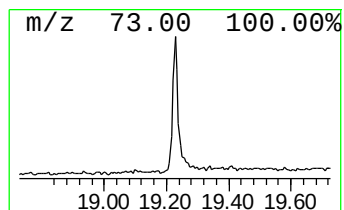
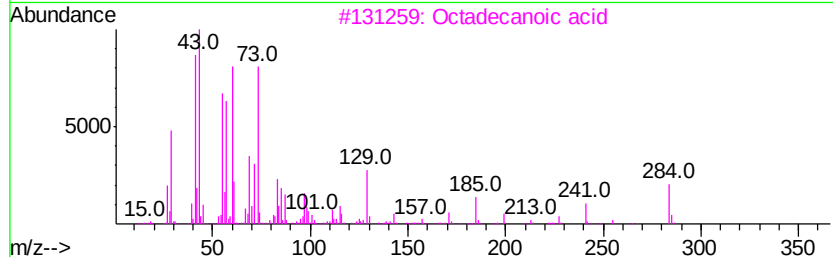
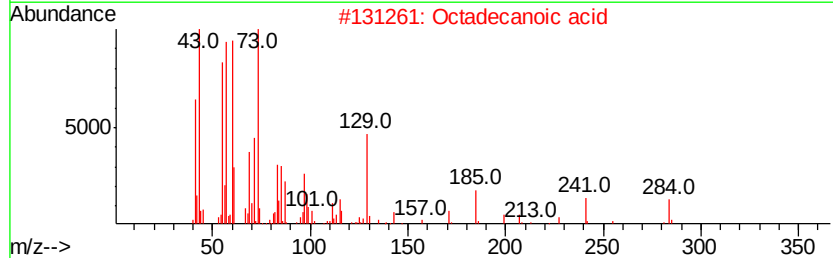
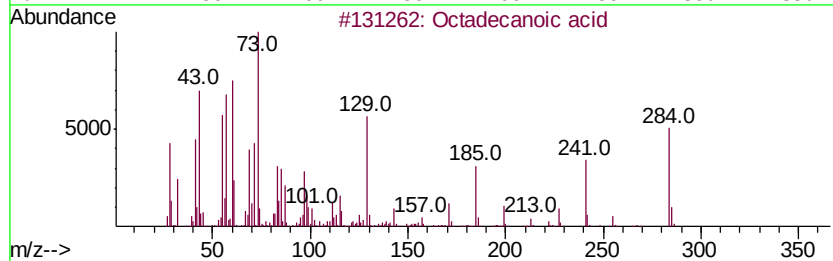
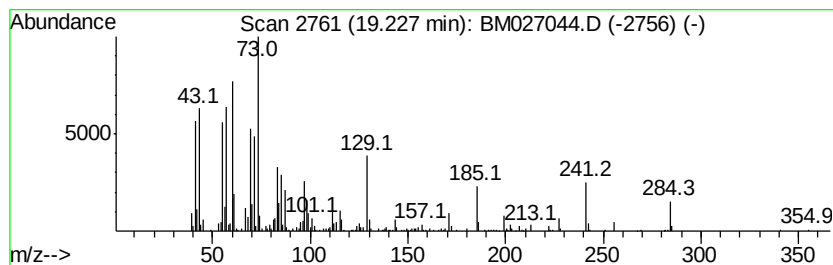
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	5.22 ng/ul	389716	Chrysene-d12	21.22

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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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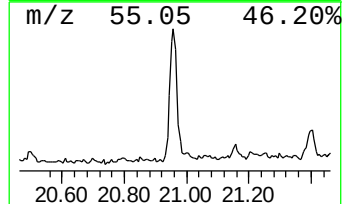
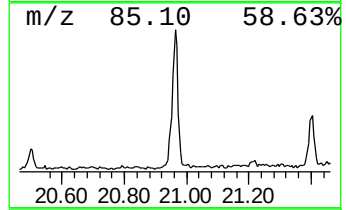
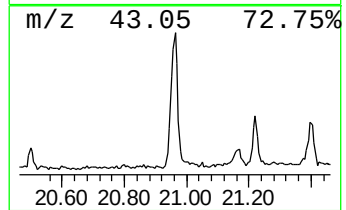
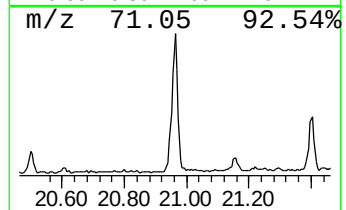
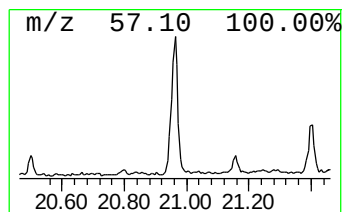
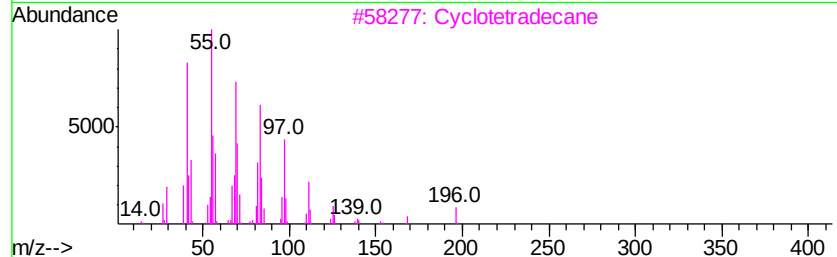
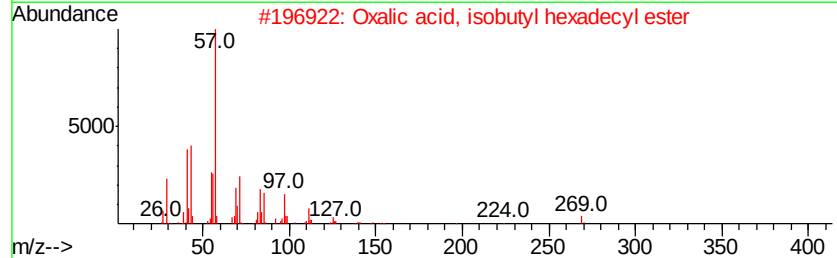
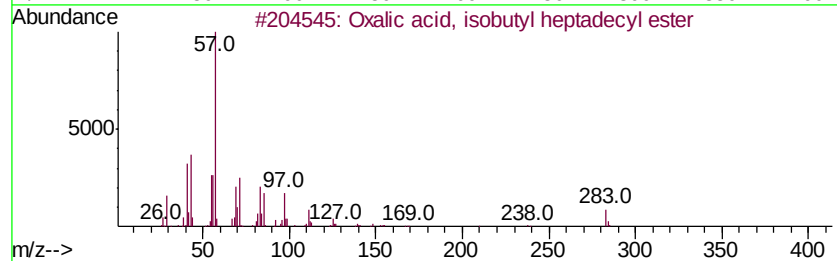
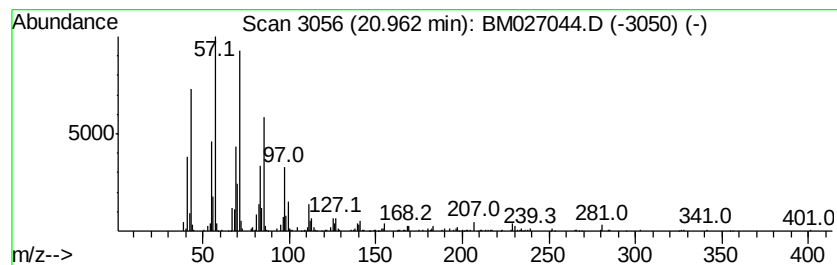
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Peak Number 3 Oxalic acid, isobutyl hepta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.96	6.28 ng/ul	468474	Chrysene-d12	21.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl	heptadecyl...	384	C23H44O4	1000309-38-2	91
2	Oxalic acid, isobutyl	hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Cyclotetradecane		196	C14H28	000295-17-0	89
4	1-Nonadecene		266	C19H38	018435-45-5	87
5	Nonadecyl	pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
Data File : BM027044.D
Acq On : 12 Aug 2020 12:25
Operator : JU/CG
Sample : L3612-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFN7

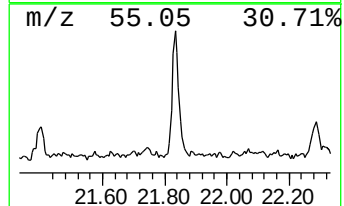
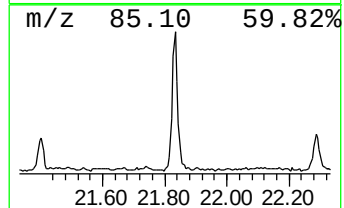
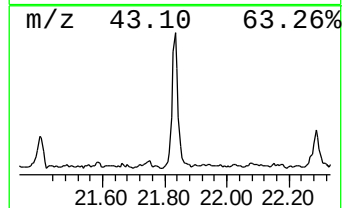
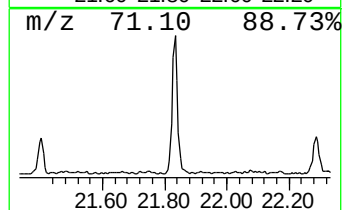
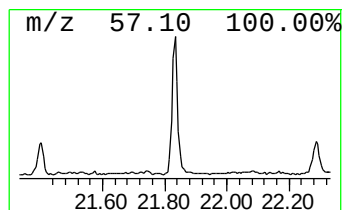
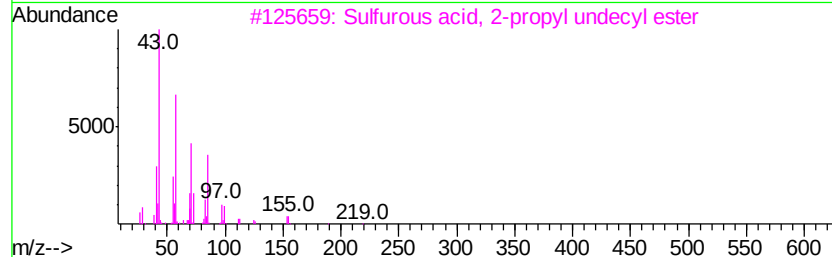
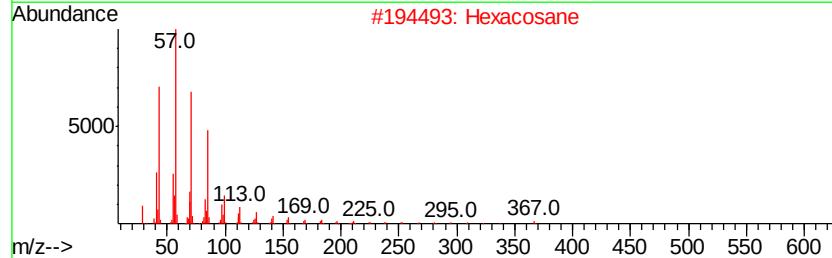
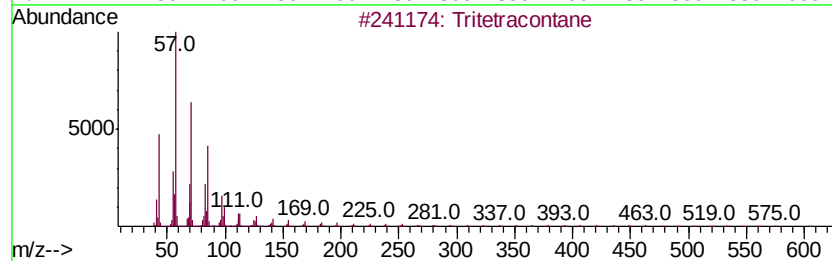
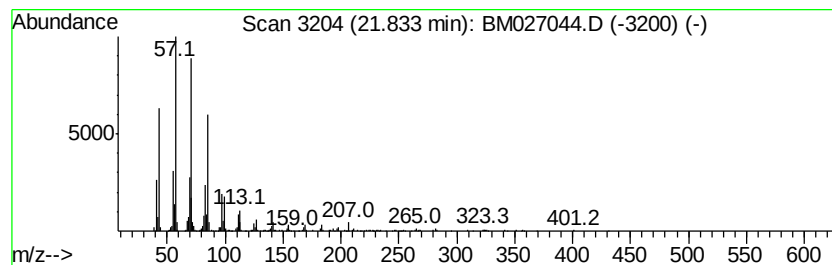
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
21.83	5.54 ng/ul	413132	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	91
2		Hexacosane	366	C26H54	000630-01-3	87
3		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	87
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
5		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
Data File : BM027044.D
Acq On : 12 Aug 2020 12:25
Operator : JU/CG
Sample : L3612-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFN7

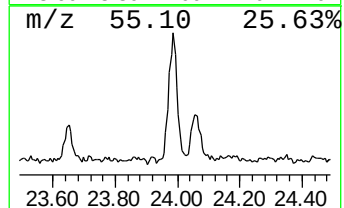
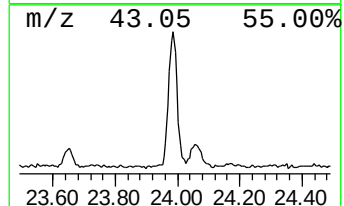
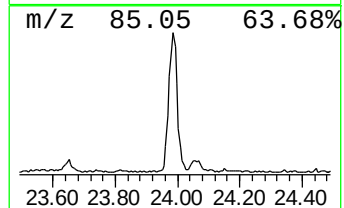
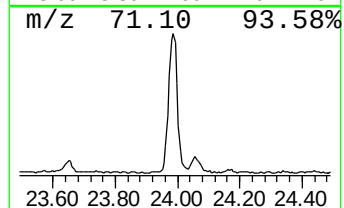
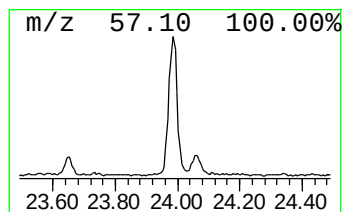
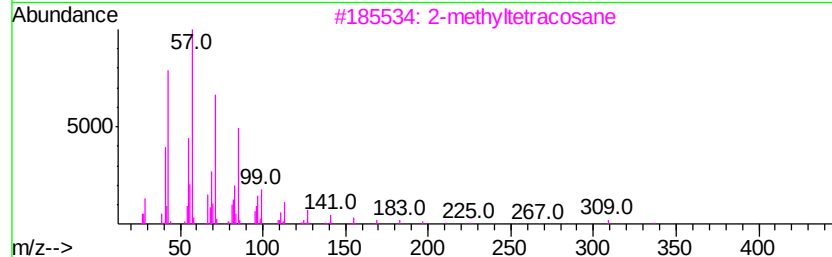
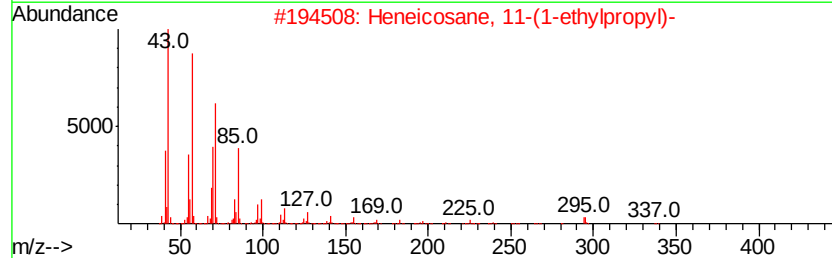
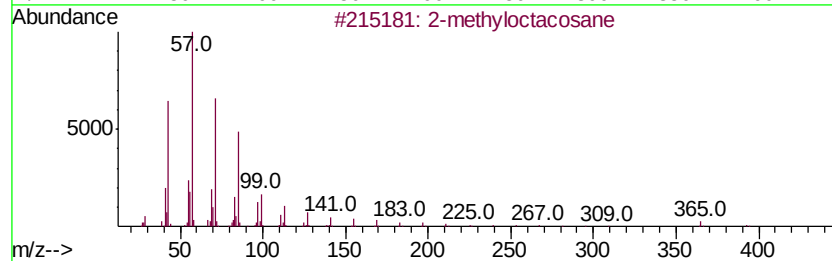
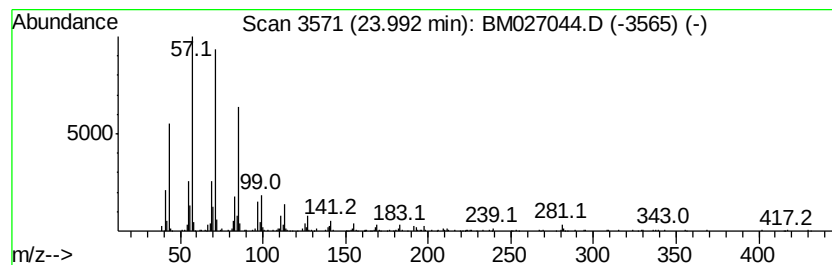
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	7.22 ng/ul	517313	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91	
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91	
3	2-methyltetracosane	352	C25H52	1000376-72-6	90	
4	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	90	
5	Hexacosane	366	C26H54	000630-01-3	87	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081220\
Data File : BM027044.D
Acq On : 12 Aug 2020 12:25
Operator : JU/CG
Sample : L3612-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFN7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.94	9.1	ng/ul	498516	4	17.02	1097620	20.0
Octadecanoic acid	19.23	5.2	ng/ul	389716	5	21.22	1492480	20.0
Oxalic acid, isob...	20.96	6.3	ng/ul	468474	5	21.22	1492480	20.0
(DEL) Alkane: Str...	21.83	5.5	ng/ul	413132	5	21.22	1492480	20.0
(DEL) Alkane: Str...	23.99	7.2	ng/ul	517313	6	23.41	1432090	20.0