

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081120\
 Data File : BM027036.D
 Acq On : 11 Aug 2020 18:40
 Operator : JU/CG
 Sample : L3636-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMP1

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	43	rVB	19578	23621	1.44%	0.157%
2	3.828	139	143	147	rVB2	5849	8171	0.50%	0.054%
3	3.916	153	158	162	rVB2	5407	7926	0.48%	0.053%
4	4.816	305	311	314	rBV4	2074	2838	0.17%	0.019%
5	5.205	370	377	380	rVB2	2190	2458	0.15%	0.016%
6	5.322	395	397	405	rVB3	4083	8130	0.49%	0.054%
7	5.422	411	414	417	rBV3	1155	1702	0.10%	0.011%
8	5.687	456	459	464	rVB2	2653	3031	0.18%	0.020%
9	6.822	646	652	661	rBV	64262	104805	6.37%	0.695%
10	6.981	673	679	686	rBV	195086	294668	17.91%	1.953%
11	7.181	705	713	721	rBV	240007	362939	22.06%	2.406%
12	7.269	722	728	740	rVV5	5658	11827	0.72%	0.078%
13	7.640	785	791	801	rVB	276583	427753	26.00%	2.835%
14	7.716	801	804	809	rVB2	3075	4694	0.29%	0.031%
15	8.345	903	911	920	rBV	172206	258120	15.69%	1.711%
16	8.463	924	931	937	rVB3	2368	4757	0.29%	0.032%
17	8.781	978	985	996	rBV	254636	400810	24.37%	2.657%
18	9.269	1065	1068	1073	rVB4	1132	1849	0.11%	0.012%
19	9.504	1100	1108	1115	rBV	194407	315026	19.15%	2.088%
20	10.039	1192	1199	1208	rBV	316680	505232	30.71%	3.349%
21	10.222	1227	1230	1233	rBV3	1405	2313	0.14%	0.015%
22	10.416	1256	1263	1270	rBV	317419	518695	31.53%	3.438%
23	10.551	1281	1286	1291	rVB4	16229	27141	1.65%	0.180%
24	12.010	1530	1534	1539	rBV	3625	5612	0.34%	0.037%
25	13.692	1813	1820	1824	rBV	599901	786191	47.79%	5.211%
26	13.739	1824	1828	1838	rVB	103506	141717	8.62%	0.939%
27	13.963	1860	1866	1874	rBV	599127	873660	53.11%	5.791%
28	14.275	1913	1919	1928	rVB	490655	690236	41.96%	4.575%
29	14.469	1947	1952	1957	rBV2	44822	67260	4.09%	0.446%
30	14.510	1957	1959	1963	rVB4	7891	8788	0.53%	0.058%
31	15.110	2058	2061	2064	rVB2	1706	1977	0.12%	0.013%
32	15.269	2082	2088	2095	rBV	787433	1104943	67.17%	7.324%
33	15.327	2096	2098	2103	rVB3	1665	2125	0.13%	0.014%
34	15.386	2103	2108	2118	rBV	239029	310952	18.90%	2.061%

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35	15.510	2125	2129	2134	rBV4	7246	9239	0.56%	0.061%
36	15.633	2147	2150	2156	rVB4	1338	2247	0.14%	0.015%
37	16.063	2218	2223	2227	rBV4	1975	2757	0.17%	0.018%
38	16.804	2346	2349	2353	rVB3	1703	2279	0.14%	0.015%
39	17.015	2379	2385	2392	rBV	573383	807478	49.09%	5.352%
40	17.115	2396	2402	2410	rBV	965639	1348435	81.97%	8.938%
41	17.645	2489	2492	2498	rVV4	1192	2429	0.15%	0.016%
42	17.704	2498	2502	2506	rVV	77175	94587	5.75%	0.627%
43	17.833	2520	2524	2527	rBV4	2345	2721	0.17%	0.018%
44	17.939	2537	2542	2549	rBV	57218	81851	4.98%	0.543%
45	18.004	2551	2553	2558	rVB2	3657	4242	0.26%	0.028%
46	18.145	2572	2577	2580	rBV	9246	12648	0.77%	0.084%
47	18.180	2580	2583	2588	rVB4	3628	5129	0.31%	0.034%
48	18.880	2700	2702	2704	rBV2	2024	1675	0.10%	0.011%
49	19.051	2727	2731	2736	rVB2	8085	11302	0.69%	0.075%
50	19.145	2745	2747	2749	rBV3	1814	1939	0.12%	0.013%
51	19.221	2756	2760	2769	rBV4	19975	32097	1.95%	0.213%
52	19.304	2771	2774	2781	rVB2	7973	11916	0.72%	0.079%
53	19.415	2787	2793	2799	rBV	1227305	1586955	96.47%	10.519%
54	19.962	2884	2886	2889	rVB4	6081	4719	0.29%	0.031%
55	20.951	3050	3054	3063	rBV2	93362	130156	7.91%	0.863%
56	21.215	3094	3099	3104	rBV	778658	959117	58.30%	6.357%
57	23.274	3443	3449	3456	rBV	956975	1645000	100.00%	10.903%
58	23.409	3467	3472	3482	rVB2	558504	1034331	62.88%	6.856%

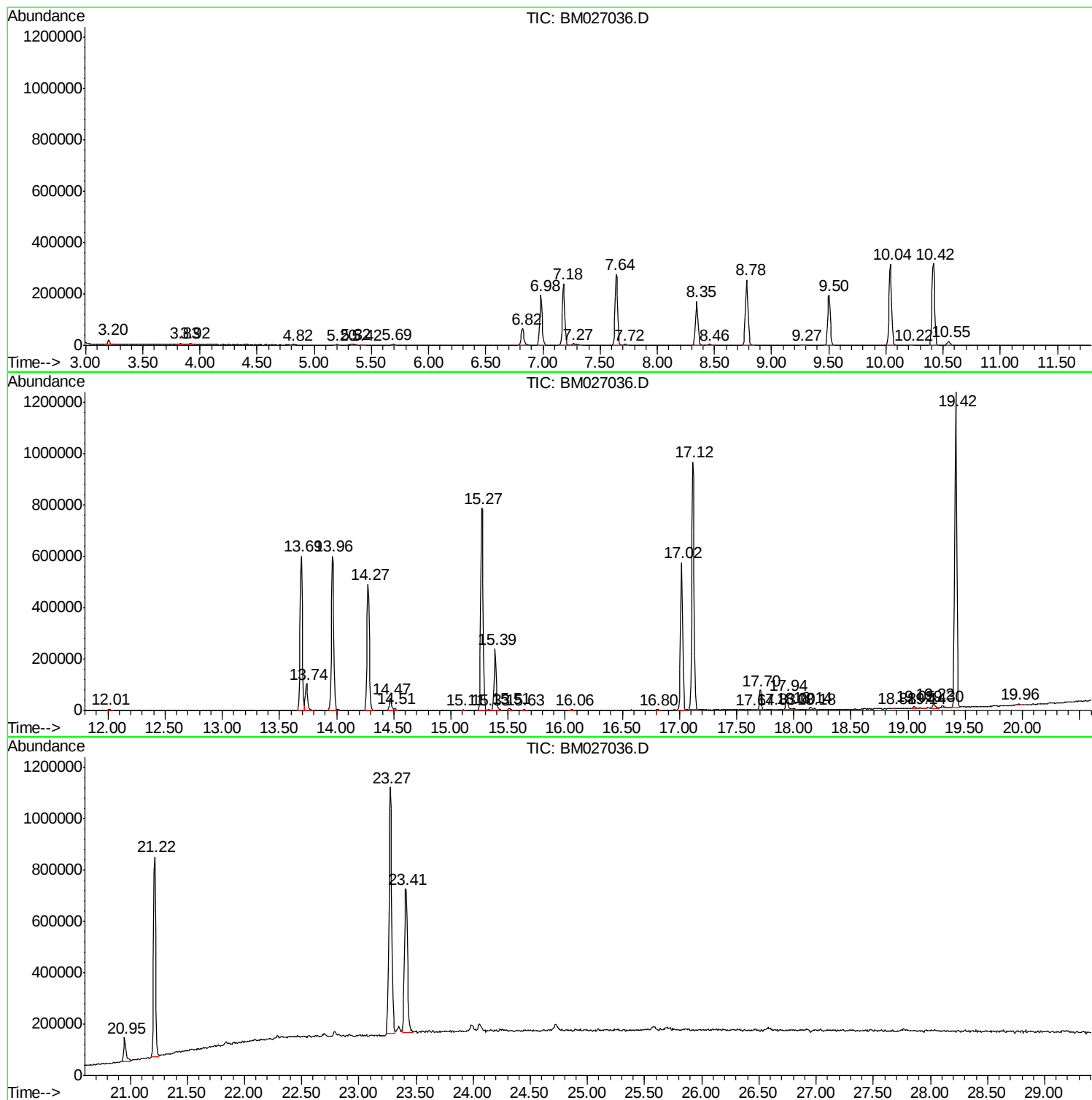
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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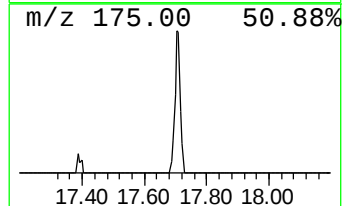
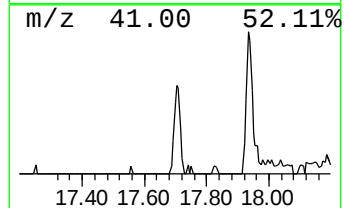
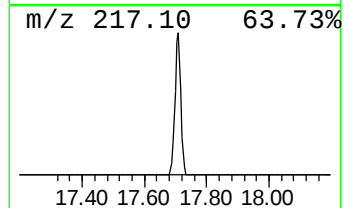
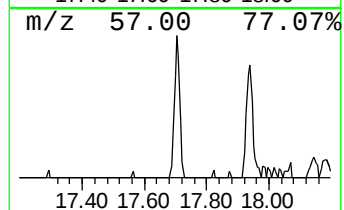
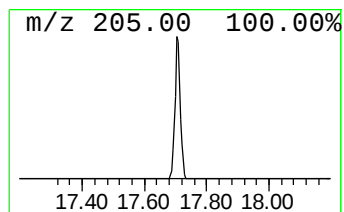
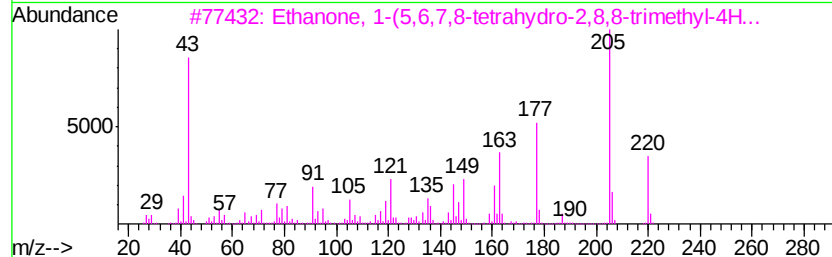
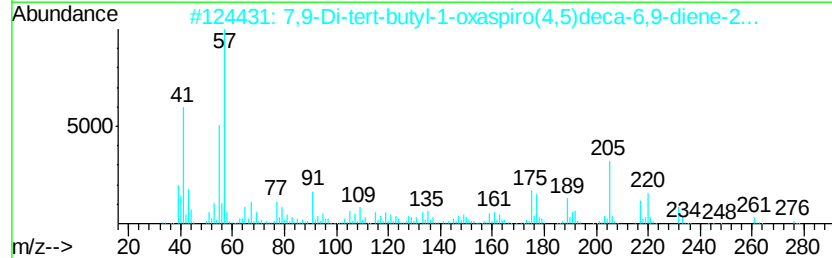
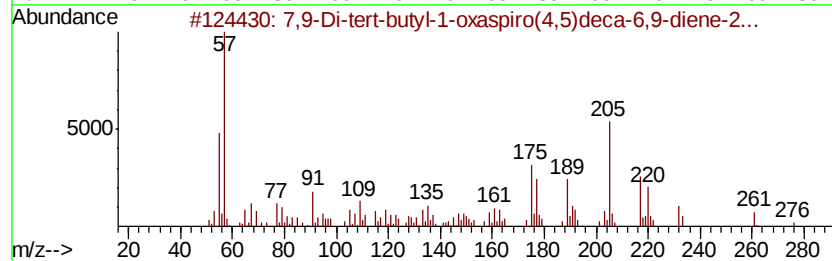
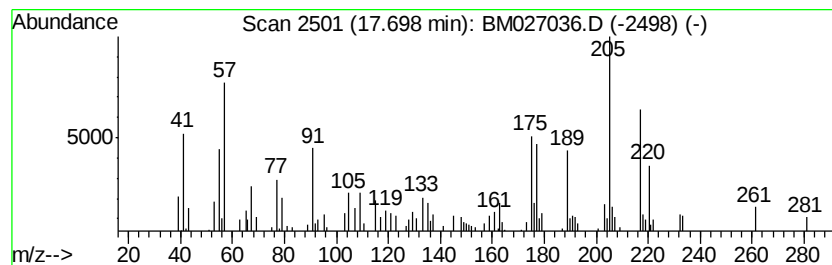
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.70	2.34 ng/ul	94587	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87	
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	83	
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50	
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	42	
5	Benzene, 1,1'-(1-methyl-2-butynty...	220	C17H16	054372-84-8	41	



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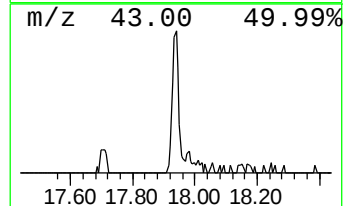
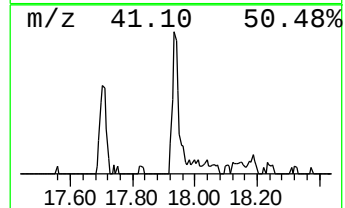
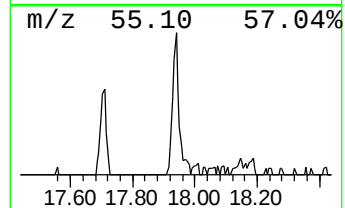
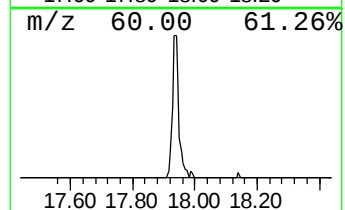
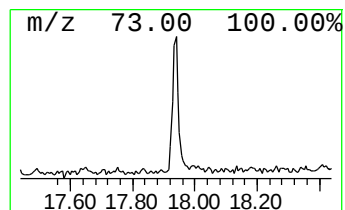
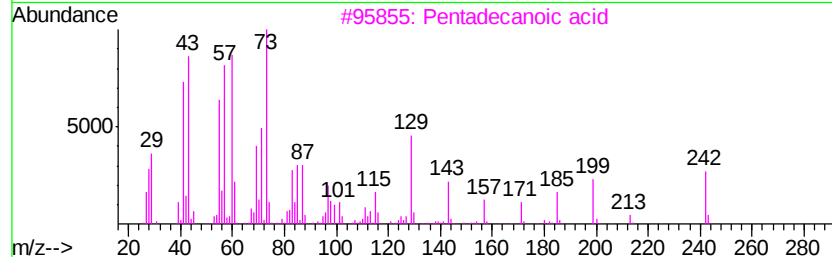
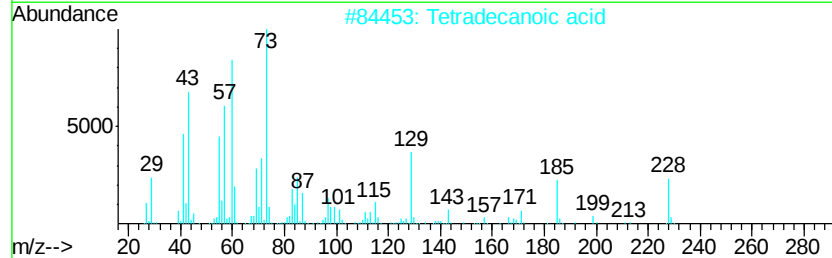
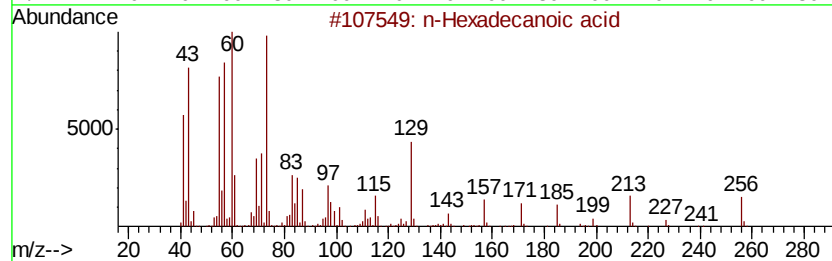
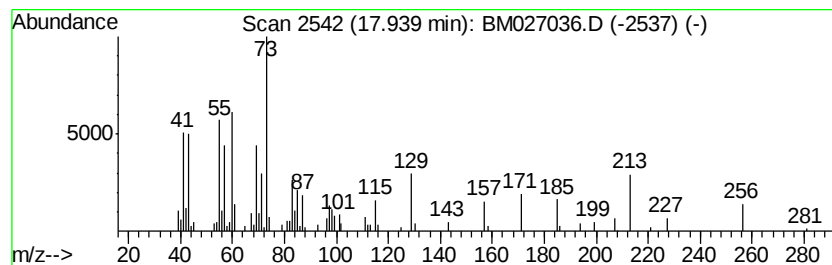
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.03 ng/ul	81851	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4		Tridecanoic acid	214	C13H26O2	000638-53-9	52
5		Tridecanoic acid	214	C13H26O2	000638-53-9	52



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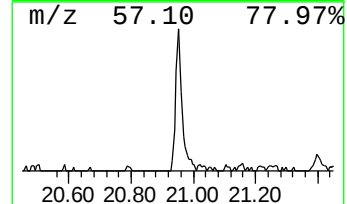
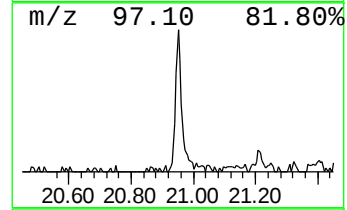
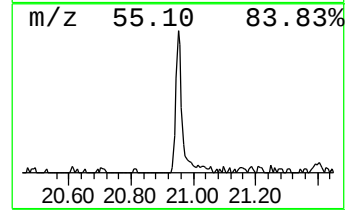
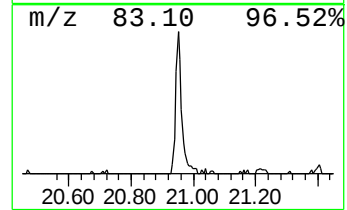
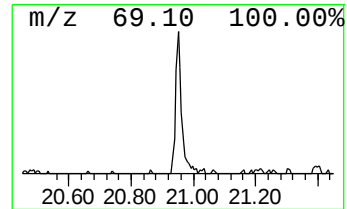
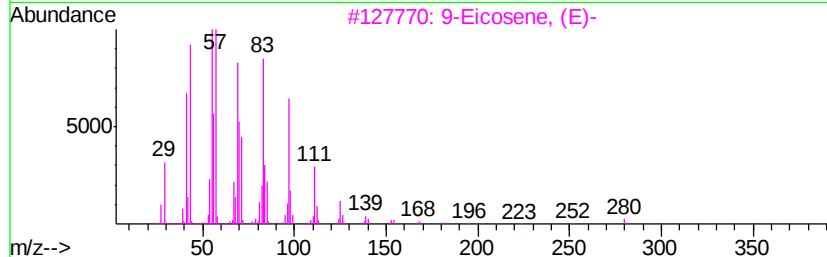
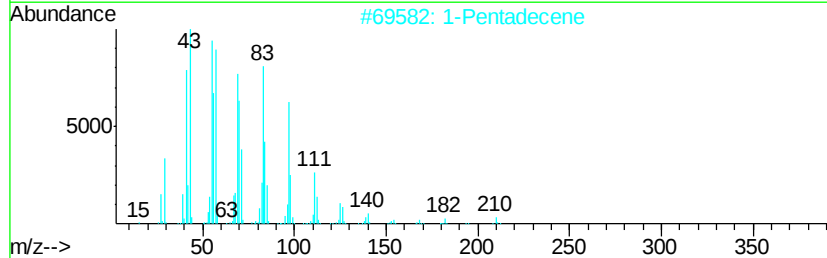
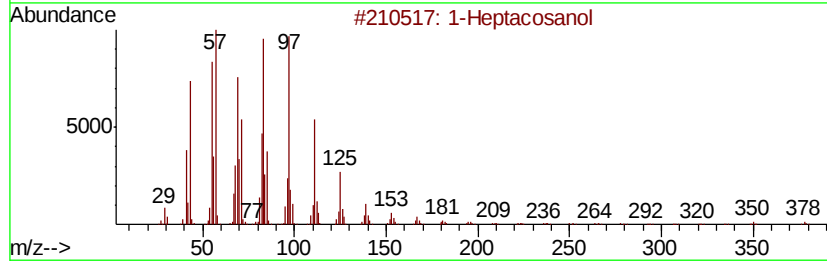
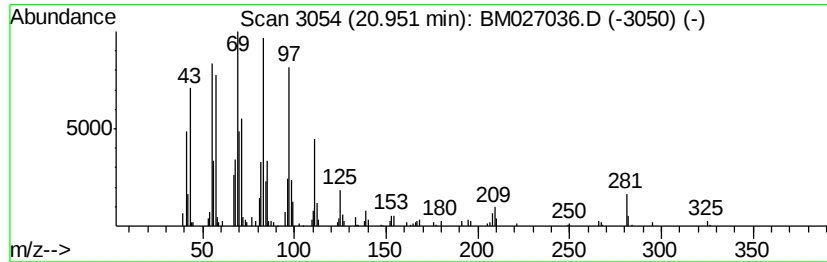
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Peak Number 3 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.71 ng/ul	130156	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol	396 C27H56O	002004-39-9	93
2	1-Pentadecene	210 C15H30	013360-61-7	87
3	9-Eicosene, (E)-	280 C20H40	074685-29-3	87
4	2- Chloropropionic acid, pentade...	318 C18H35ClO2	1000292-44-1	87
5	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	17.70	2.3	ng/ul	94587	4	17.02	807478	20.0
n-Hexadecanoic acid	17.94	2.0	ng/ul	81851	4	17.02	807478	20.0
1-Heptacosanol	20.95	2.7	ng/ul	130156	5	21.22	959117	20.0