

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
 Data File : BM021573.D
 Acq On : 20 Jul 2019 01:54
 Operator : HP/JU
 Sample : K3823-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52N6

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-BM070819MA.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	3.958	162	165	175	rVB	188882	268611	6.81%	0.767%
2	6.893	659	664	676	rVB2	139172	276343	7.00%	0.789%
3	7.057	687	692	707	rVB	374707	630684	15.98%	1.800%
4	7.246	719	724	732	rVB	486364	770304	19.52%	2.199%
5	7.710	797	803	810	rVB	550338	872509	22.11%	2.490%
6	8.422	918	924	930	rBV	373148	616197	15.62%	1.759%
7	8.481	930	934	948	rVB2	66398	146204	3.71%	0.417%
8	8.875	995	1001	1009	rBV	511244	857955	21.75%	2.449%
9	9.593	1116	1123	1131	rBV	409876	686859	17.41%	1.960%
10	9.916	1175	1178	1183	rVB	8502	11588	0.29%	0.033%
11	10.122	1206	1213	1228	rBV	592421	1145587	29.04%	3.270%
12	10.492	1270	1276	1284	rBV	699837	1200984	30.44%	3.428%
13	10.563	1284	1288	1292	rVB4	6296	10284	0.26%	0.029%
14	10.669	1301	1306	1315	rVB2	36287	75039	1.90%	0.214%
15	11.187	1388	1394	1396	rBV3	5024	7193	0.18%	0.021%
16	12.092	1545	1548	1556	rVB3	7959	13990	0.35%	0.040%
17	13.216	1735	1739	1744	rVB4	5075	7839	0.20%	0.022%
18	13.663	1808	1815	1821	rVB4	13950	21389	0.54%	0.061%
19	13.775	1827	1834	1839	rBV	1180052	1678531	42.54%	4.791%
20	13.822	1839	1842	1848	rVB	147798	194831	4.94%	0.556%
21	14.045	1874	1880	1888	rBV	1392228	2087232	52.90%	5.957%
22	14.216	1904	1909	1916	rVB7	4808	12388	0.31%	0.035%
23	14.357	1925	1933	1941	rBV2	1071998	1578856	40.02%	4.506%
24	14.598	1964	1974	1986	rBV2	46262	113433	2.87%	0.324%
25	15.110	2055	2061	2071	rBV	236710	321225	8.14%	0.917%
26	15.198	2072	2076	2079	rVB5	3813	4860	0.12%	0.014%
27	15.351	2096	2102	2114	rVB	1855375	2626171	66.56%	7.495%
28	15.492	2120	2126	2137	rBV	339916	523310	13.26%	1.494%
29	15.592	2137	2143	2147	rVB4	21503	36413	0.92%	0.104%
30	15.922	2192	2199	2203	rBV7	5998	9670	0.25%	0.028%
31	15.998	2208	2212	2219	rVB4	15360	23162	0.59%	0.066%
32	16.063	2219	2223	2224	rBV2	5698	6936	0.18%	0.020%
33	16.139	2233	2236	2239	rVB2	9325	10237	0.26%	0.029%
34	16.516	2296	2300	2305	rVV4	3510	5586	0.14%	0.016%

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35	16.557	2305	2307	2311	rVV3	3051	4145	0.11%	0.012%
36	16.751	2336	2340	2342	rVB4	3008	4010	0.10%	0.011%
37	16.857	2354	2358	2360	rBV3	5095	4741	0.12%	0.014%
38	16.898	2360	2365	2368	rVV4	5455	8513	0.22%	0.024%
39	17.027	2385	2387	2392	rVB4	4762	6239	0.16%	0.018%
40	17.110	2392	2401	2410	rBV	1394159	2082177	52.77%	5.943%
41	17.210	2410	2418	2427	rVB	1954118	2794793	70.83%	7.977%
42	17.316	2432	2436	2443	rVB5	21570	38213	0.97%	0.109%
43	17.463	2456	2461	2465	rBV3	51572	72366	1.83%	0.207%
44	17.604	2482	2485	2497	rBV3	8577	20980	0.53%	0.060%
45	17.880	2530	2532	2539	rVB6	6456	8974	0.23%	0.026%
46	17.998	2548	2552	2563	rBV	125999	212614	5.39%	0.607%
47	19.021	2723	2726	2730	rBV5	10712	14386	0.36%	0.041%
48	19.139	2742	2746	2751	rBV	28693	50150	1.27%	0.143%
49	19.280	2766	2770	2776	rBV3	55972	86532	2.19%	0.247%
50	19.363	2780	2784	2787	rVV5	33288	47246	1.20%	0.135%
51	19.392	2787	2789	2793	rVB	19988	22172	0.56%	0.063%
52	19.504	2802	2808	2815	rBV	2525361	3446211	87.34%	9.836%
53	21.004	3060	3063	3072	rBV3	69756	95682	2.43%	0.273%
54	21.298	3108	3113	3125	rBV	1855987	2425932	61.49%	6.924%
55	22.839	3372	3375	3382	rVB	231628	306616	7.77%	0.875%
56	23.403	3465	3471	3483	rVB	2180847	3945525	100.00%	11.261%
57	23.545	3490	3495	3507	rVB2	1305784	2486674	63.03%	7.097%

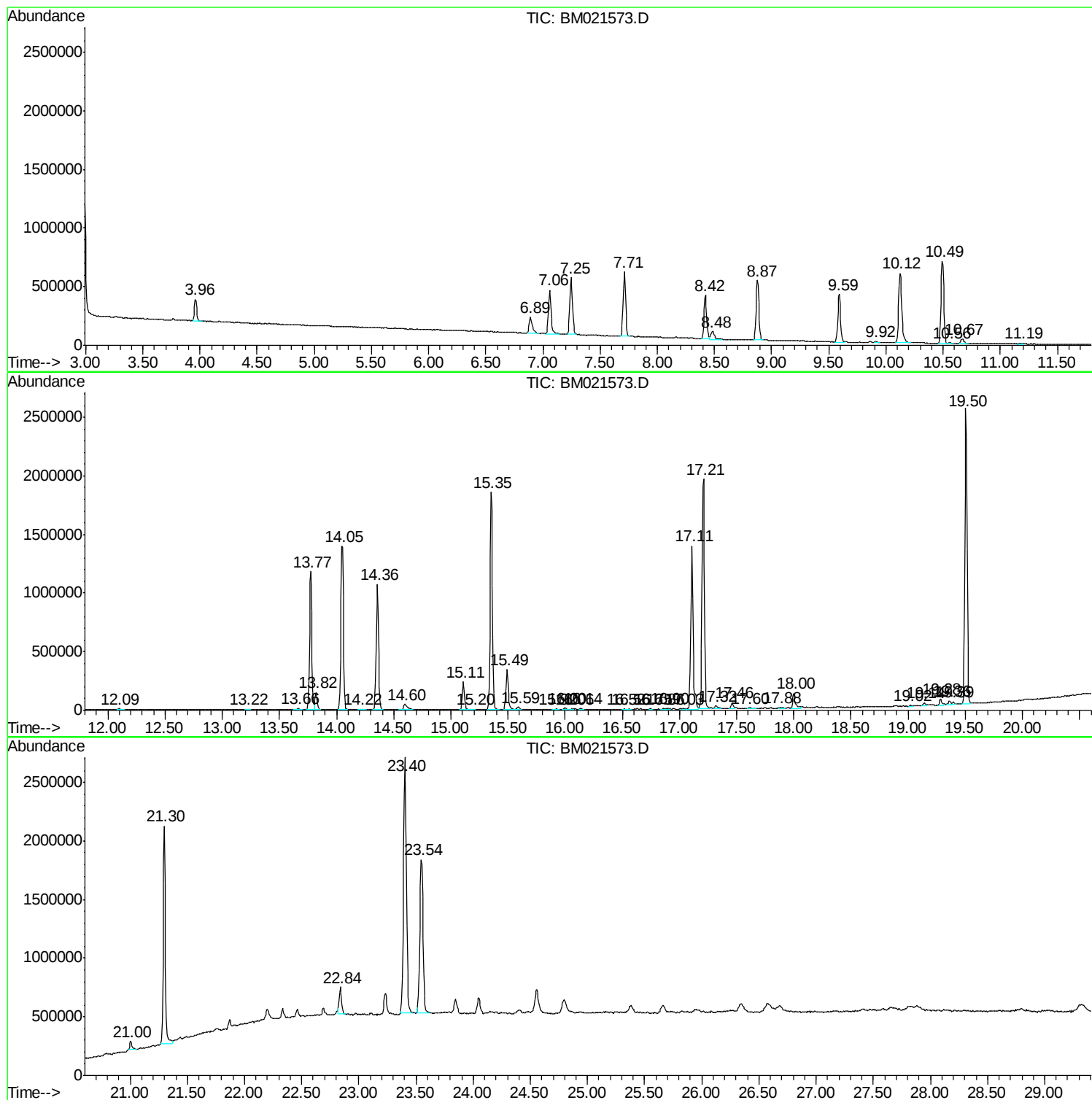
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Quant Title : SVOA CALIBRATION

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



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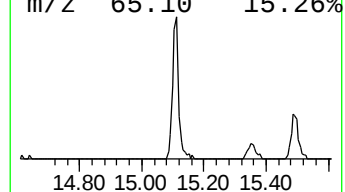
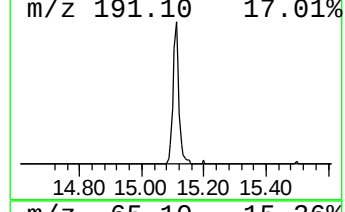
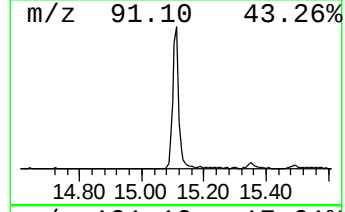
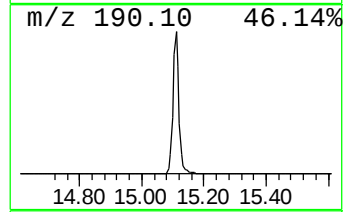
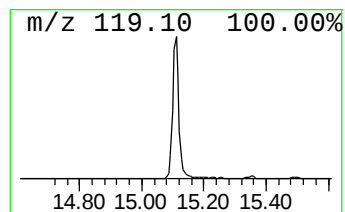
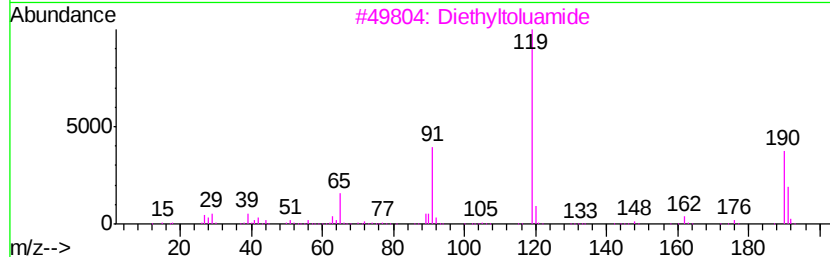
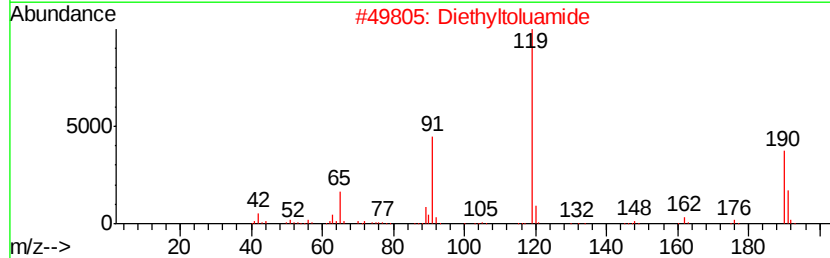
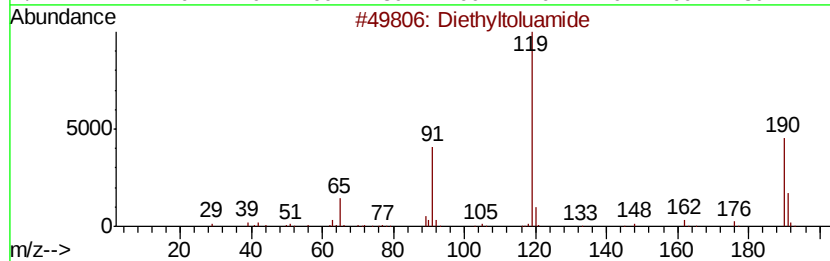
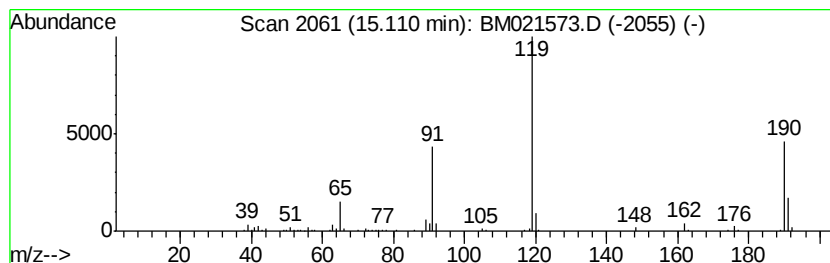
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.07 ng/ul	321225	Acenaphthene-d10	14.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2		Diethyltoluamide	191	C12H17NO	000134-62-3	96
3		Diethyltoluamide	191	C12H17NO	000134-62-3	96
4		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
5		Diethyltoluamide	191	C12H17NO	000134-62-3	81



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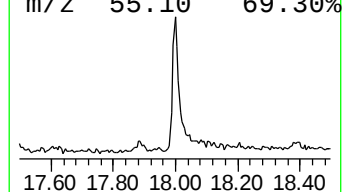
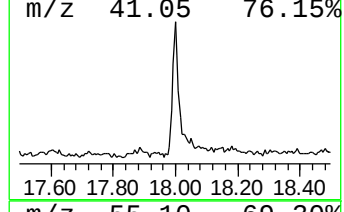
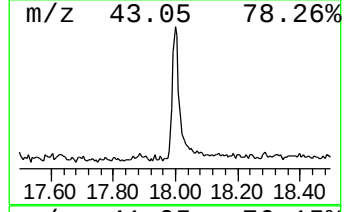
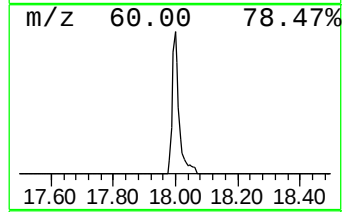
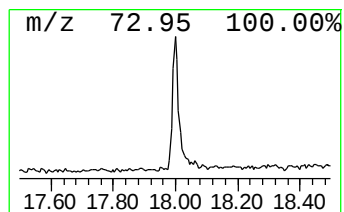
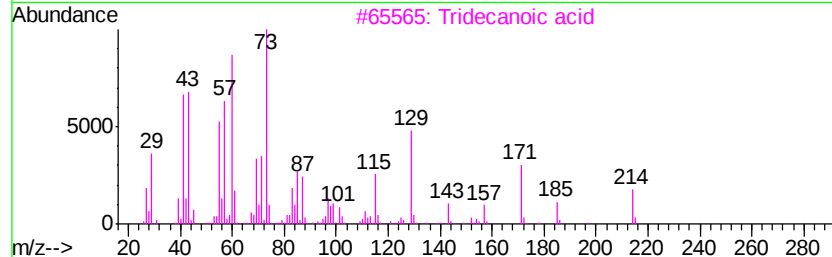
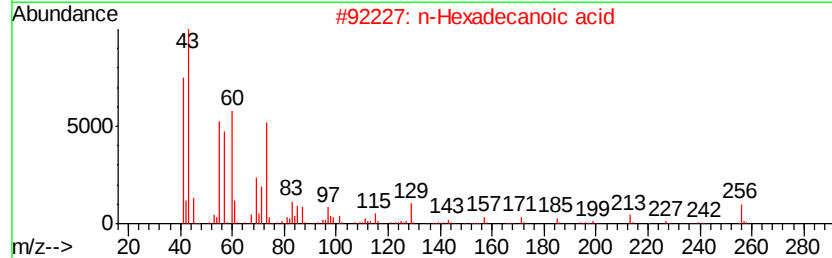
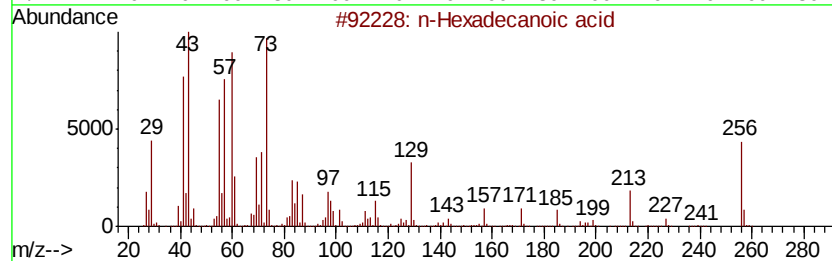
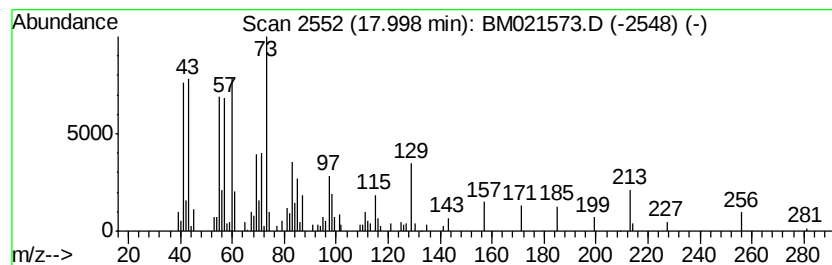
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.00	2.04 ng/ul	212614	Phenanthrene-d10		17.11	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
5	Tridecanoic acid		214	C13H26O2	000638-53-9	64



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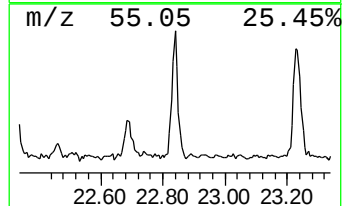
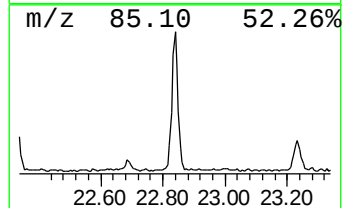
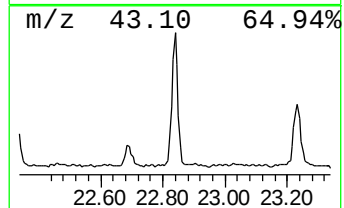
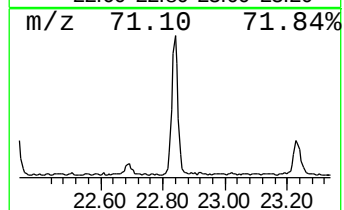
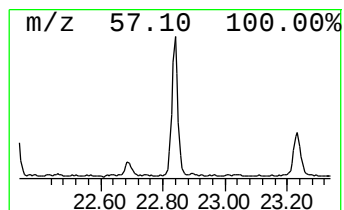
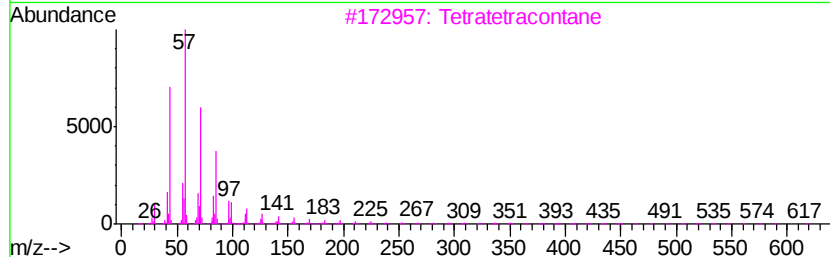
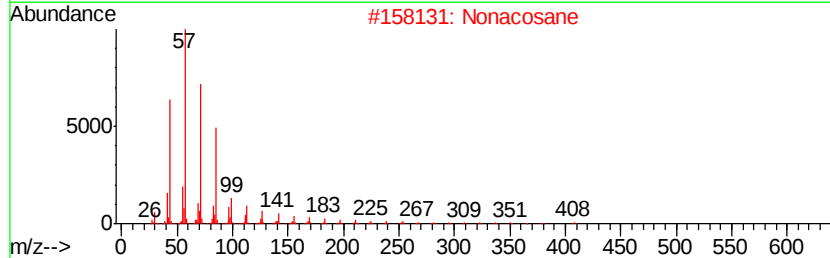
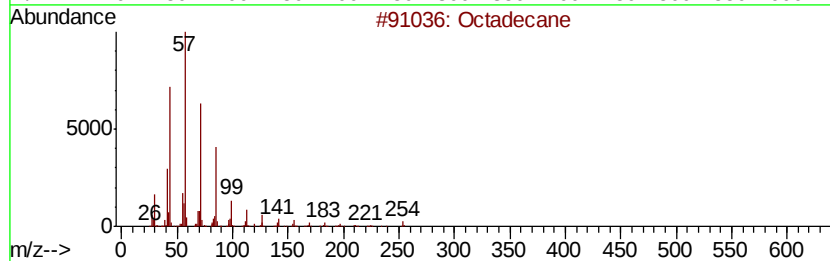
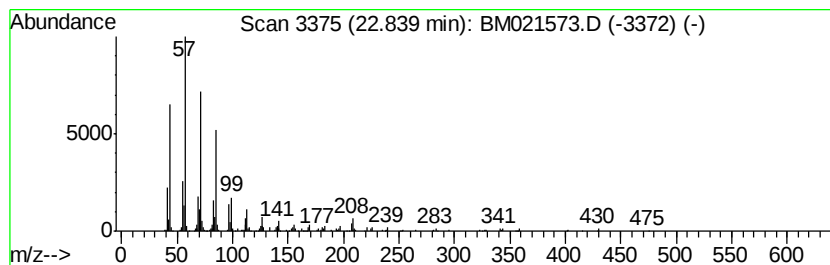
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

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22.84	2.47 ng/ul	306616	Perylene-d12	23.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Nonacosane	408	C29H60	000630-03-5	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Tetracosane	338	C24H50	000646-31-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.11	4.1	ng/ul	321225	3	14.36	1578860	20.0
n-Hexadecanoic acid	18.00	2.0	ng/ul	212614	4	17.11	2082180	20.0
(DEL) Alkane: Str...	22.84	2.5	ng/ul	306616	6	23.54	2486670	20.0