

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
 Data File : BN007839.D
 Acq On : 24 Sep 2019 16:47
 Operator : JU
 Sample : K4985-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ETJS1

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_N\METHODS\SOM-EPA-BN091619MA.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	3.252	42	45	56	rVB	106351	168126	1.12%	0.122%
2	3.875	147	151	156	rVB	63811	94855	0.63%	0.069%
3	3.964	164	166	171	rVB	35820	40325	0.27%	0.029%
4	4.405	238	241	246	rVB3	19462	26489	0.18%	0.019%
5	6.105	524	530	533	rVB4	17070	29397	0.20%	0.021%
6	6.405	574	581	587	rBV	79628	120434	0.80%	0.087%
7	6.869	652	660	677	rBV3	750830	1377177	9.16%	0.998%
8	7.028	681	687	704	rBV	1409728	2474095	16.46%	1.792%
9	7.222	714	720	736	rVV	1716741	2799327	18.62%	2.028%
10	7.346	736	741	747	rVB9	12139	26590	0.18%	0.019%
11	7.599	778	784	790	rVB9	8159	16441	0.11%	0.012%
12	7.687	792	799	808	rBV	1822342	2880144	19.16%	2.086%
13	7.757	808	811	817	rVB7	12741	22356	0.15%	0.016%
14	8.387	911	918	929	rBV	1339972	2140435	14.24%	1.551%
15	8.828	986	993	1006	rBV	1914995	3185919	21.19%	2.308%
16	9.004	1020	1023	1034	rVB6	24122	44899	0.30%	0.033%
17	9.299	1068	1073	1080	rVB	136812	204427	1.36%	0.148%
18	9.546	1106	1115	1133	rBV	1418081	2380075	15.83%	1.724%
19	10.081	1199	1206	1217	rBV	2574696	4079818	27.14%	2.956%
20	10.457	1261	1270	1280	rBV	2490788	4152804	27.62%	3.008%
21	10.593	1284	1293	1311	rBV	2279613	3990766	26.54%	2.891%
22	11.787	1491	1496	1501	rBV2	76389	120430	0.80%	0.087%
23	12.051	1535	1541	1546	rBV2	42658	65823	0.44%	0.048%
24	12.675	1643	1647	1651	rBV6	10686	15643	0.10%	0.011%
25	12.922	1683	1689	1696	rBV8	9470	16338	0.11%	0.012%
26	13.157	1722	1729	1735	rVB10	7738	15882	0.11%	0.012%
27	13.728	1819	1826	1831	rBV	5306686	6949953	46.23%	5.035%
28	13.775	1831	1834	1843	rVB	455745	619068	4.12%	0.448%
29	14.004	1866	1873	1888	rBV	5409636	8116727	53.99%	5.880%
30	14.316	1919	1926	1939	rVV	3940778	5744509	38.21%	4.161%
31	14.510	1953	1959	1970	rBV	293655	519176	3.45%	0.376%
32	14.739	1993	1998	2006	rVB8	35103	56281	0.37%	0.041%
33	14.981	2034	2039	2046	rBV5	40645	55636	0.37%	0.040%
34	15.069	2048	2054	2061	rBV	485964	684319	4.55%	0.496%

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35	15.145	2061	2067	2072	rBV3	21513	35776	0.24%	0.026%
36	15.310	2088	2095	2102	rBV	7614836	10485152	69.74%	7.596%
37	15.428	2109	2115	2131	rBV	1653136	2225500	14.80%	1.612%
38	15.551	2131	2136	2144	rVB	91902	128738	0.86%	0.093%
39	16.004	2211	2213	2220	rVB7	8854	16679	0.11%	0.012%
40	16.057	2220	2222	2225	rBV4	11331	16574	0.11%	0.012%
41	16.092	2225	2228	2237	rVB4	31553	51980	0.35%	0.038%
42	16.322	2264	2267	2272	rVB6	10725	15290	0.10%	0.011%
43	16.475	2288	2293	2294	rBV5	12755	18029	0.12%	0.013%
44	16.745	2335	2339	2343	rVB6	17653	24550	0.16%	0.018%
45	16.851	2350	2357	2364	rVB3	26249	52274	0.35%	0.038%
46	17.063	2386	2393	2400	rBV2	4814973	6875893	45.73%	4.981%
47	17.157	2403	2409	2422	rVV	8699203	12045470	80.12%	8.726%
48	17.257	2424	2426	2430	rVB3	16245	18218	0.12%	0.013%
49	17.739	2505	2508	2514	rVB7	22913	34634	0.23%	0.025%
50	17.975	2543	2548	2556	rBV	297952	480296	3.19%	0.348%
51	18.410	2619	2622	2625	rVB4	38956	40389	0.27%	0.029%
52	19.092	2733	2738	2742	rBV	100388	146391	0.97%	0.106%
53	19.257	2763	2766	2771	rBV2	122440	164240	1.09%	0.119%
54	19.345	2777	2781	2785	rVB	90472	128199	0.85%	0.093%
55	19.457	2794	2800	2815	rVB	10905758	15017716	99.89%	10.879%
56	20.986	3056	3060	3068	rBV	575444	910374	6.06%	0.660%
57	21.257	3100	3106	3117	rBV	6497800	8235257	54.78%	5.966%
58	21.374	3122	3126	3132	rBV2	151442	263837	1.75%	0.191%
59	21.433	3134	3136	3140	rVB	123090	125892	0.84%	0.091%
60	21.868	3207	3210	3223	rBV	242062	311235	2.07%	0.225%
61	22.327	3285	3288	3293	rVB	383666	475467	3.16%	0.344%
62	22.833	3370	3374	3380	rVB	535902	708508	4.71%	0.513%
63	23.333	3451	3459	3466	rBV	8331025	15034486	100.00%	10.891%
64	23.392	3466	3469	3475	rVV	605134	989231	6.58%	0.717%
65	23.474	3476	3483	3493	rVB	4377596	8261672	54.95%	5.985%
66	24.033	3573	3578	3584	rBV	434937	798300	5.31%	0.578%
67	24.768	3698	3703	3711	rVB2	319259	668788	4.45%	0.484%

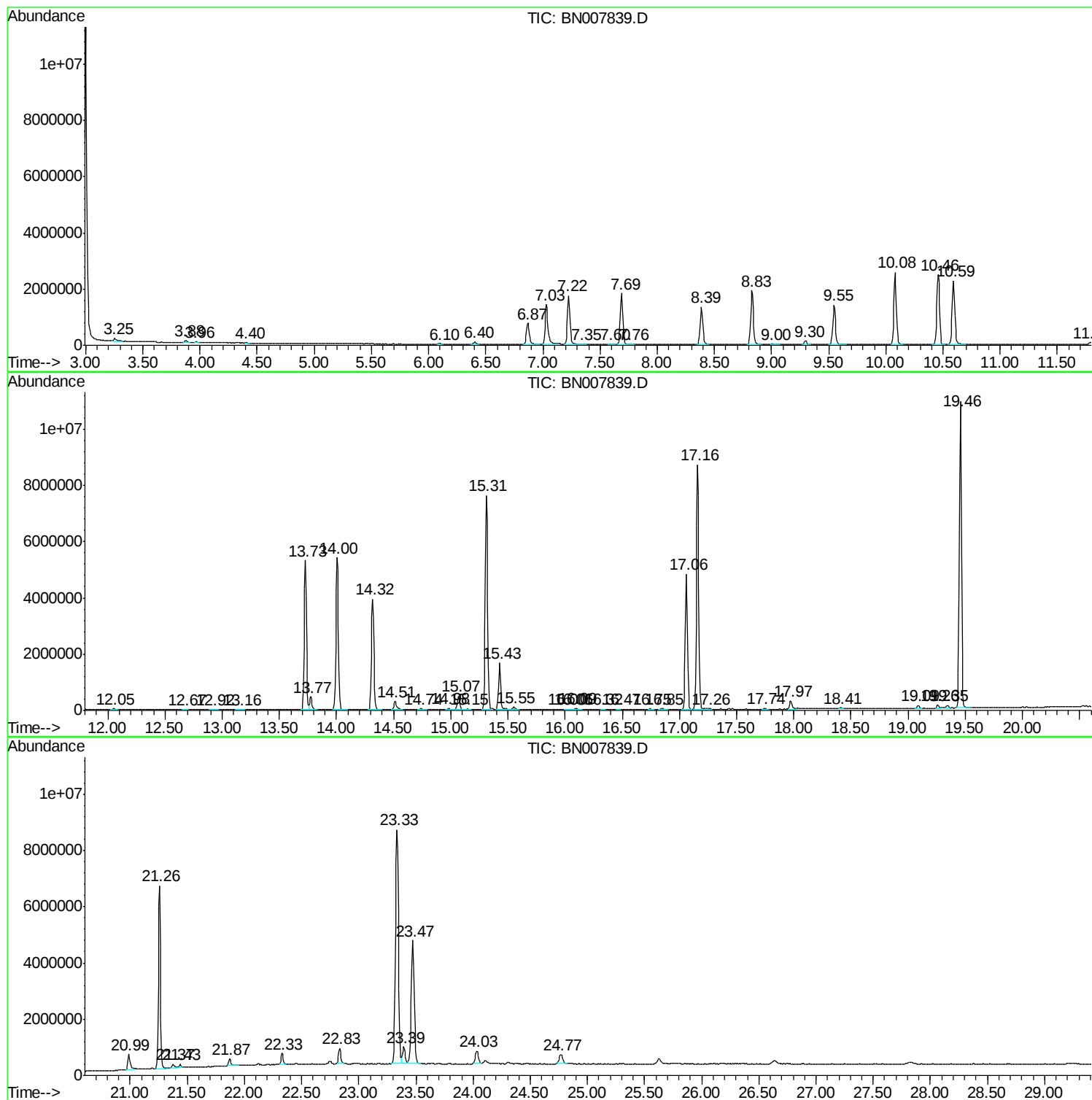
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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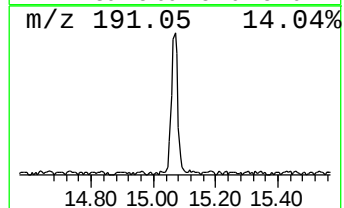
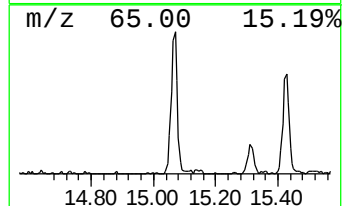
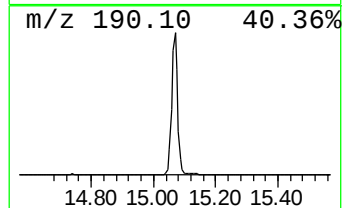
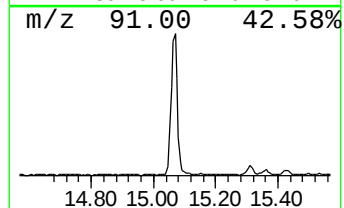
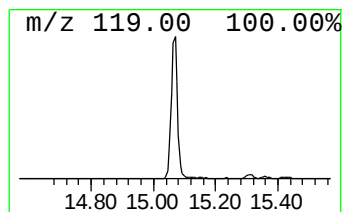
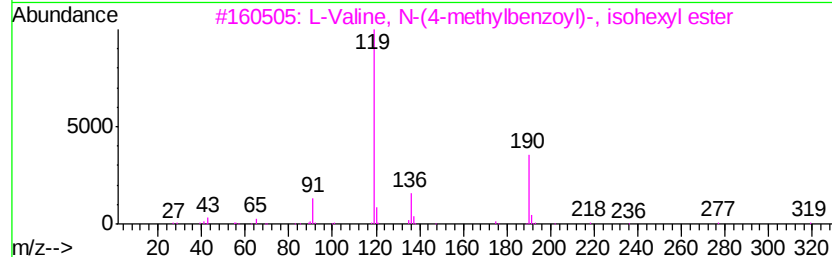
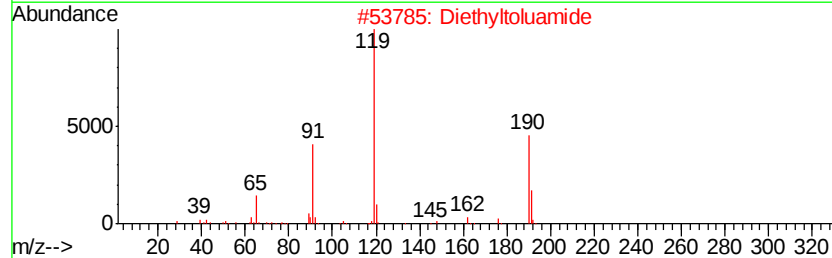
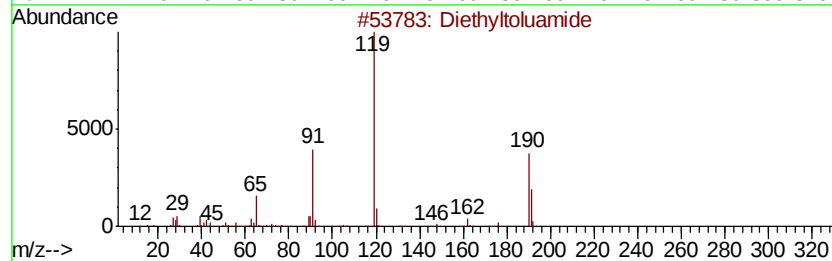
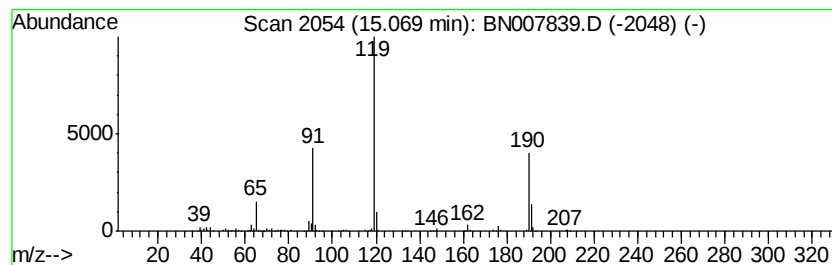
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.38 ng/ul	684319	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191 C12H17NO	000134-62-3	97
2	Diethyltoluamide	191 C12H17NO	000134-62-3	97
3	L-Valine, N-(4-methylbenzoyl)-, ...	319 C19H29NO3	1000346-64-2	78
4	3-(4-Methylbenzoyl)acrylic acid	190 C11H10O3	020972-36-5	72
5	Diethyltoluamide	191 C12H17NO	000134-62-3	60



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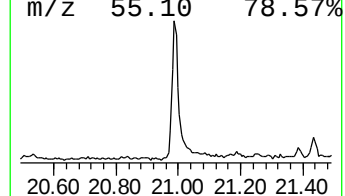
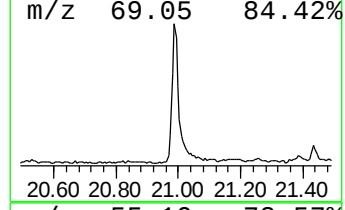
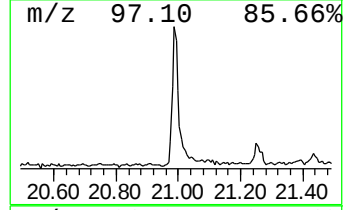
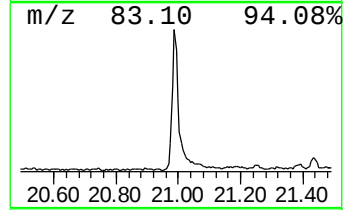
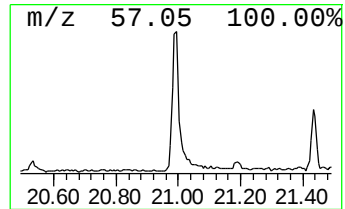
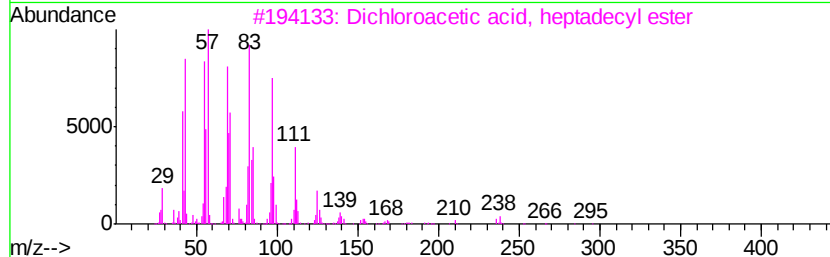
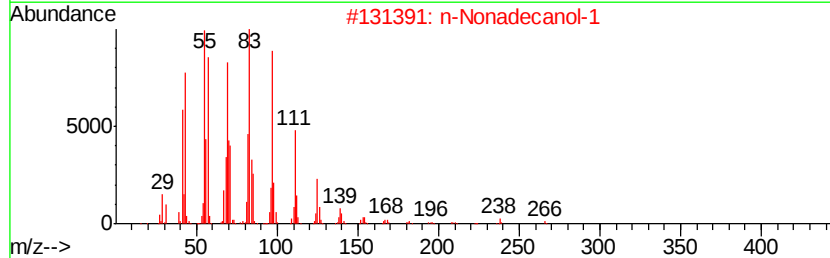
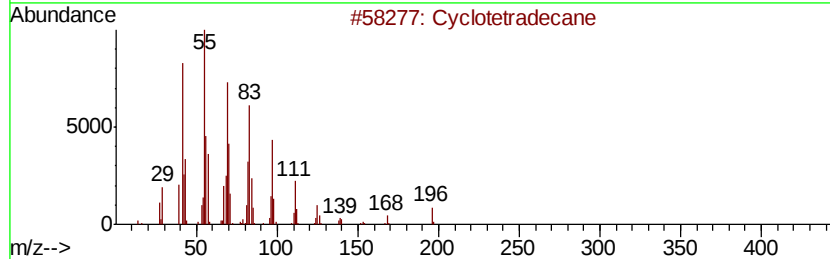
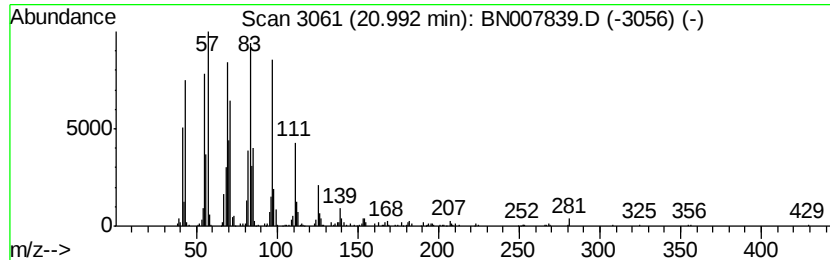
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.21 ng/ul	910374	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



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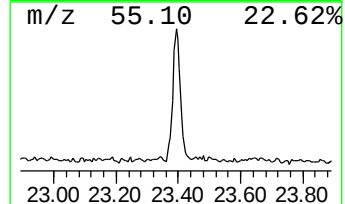
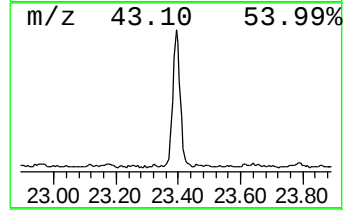
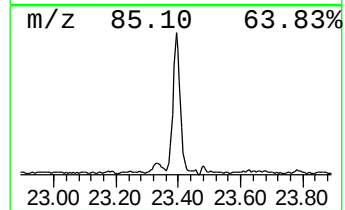
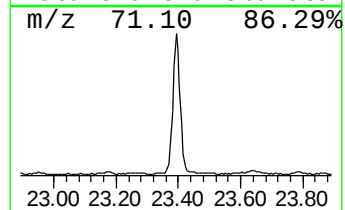
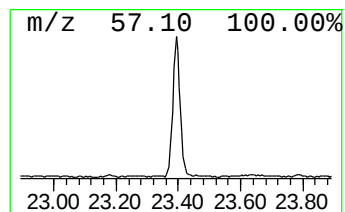
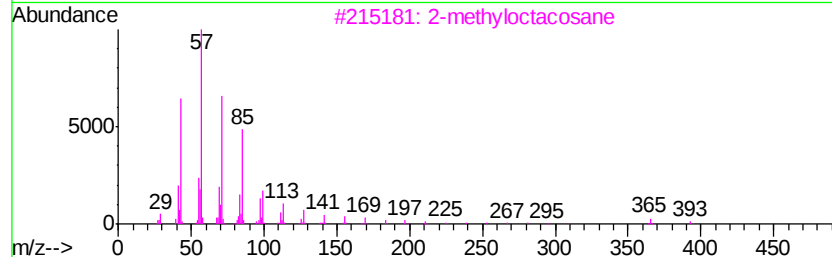
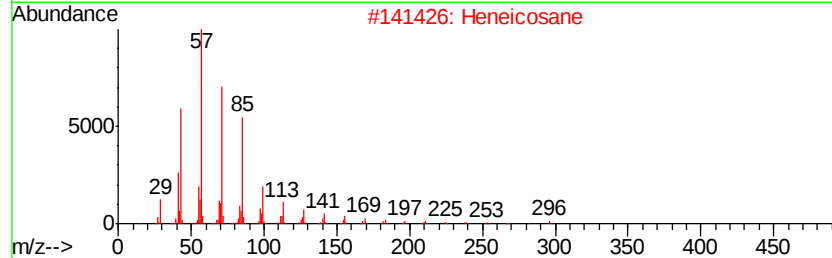
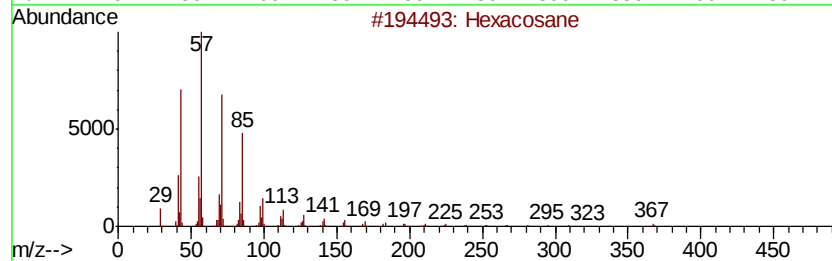
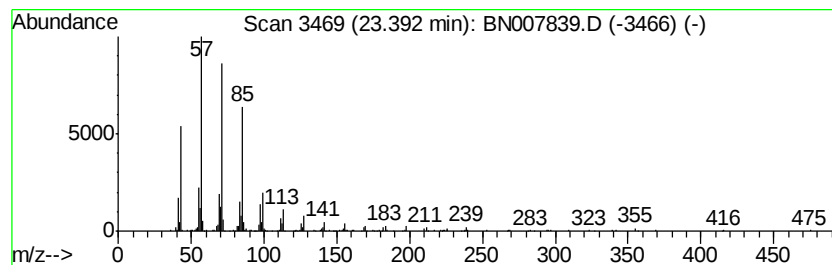
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	2.39 ng/ul	989231	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.07	2.4	ng/ul	684319	3	14.32	5744510	20.0
(DEL) Alkane: Cyc...	20.99	2.2	ng/ul	910374	5	21.26	8235260	20.0
(DEL) Alkane: Str...	23.39	2.4	ng/ul	989231	6	23.47	8261670	20.0