

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019870.D
 Acq On : 10 Apr 2019 19:04
 Operator : JU/SJ
 Sample : K2303-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF8B3

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-BM032219MA.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	3.111	19	21	29	rVB	26955	40765	1.59%	0.164%
2	3.516	88	90	92	rBV3	3364	3333	0.13%	0.013%
3	3.622	106	108	114	rVB5	7583	9003	0.35%	0.036%
4	3.799	136	138	143	rVB3	3543	4270	0.17%	0.017%
5	3.922	155	159	162	rBV4	2902	2951	0.12%	0.012%
6	4.699	288	291	298	rVB4	3846	7941	0.31%	0.032%
7	6.752	633	640	661	rBV	152847	380739	14.87%	1.530%
8	6.910	661	667	683	rBV	153570	307646	12.01%	1.236%
9	7.087	691	697	711	rBV	234774	413268	16.14%	1.661%
10	7.551	769	776	787	rBV	622213	1049132	40.97%	4.217%
11	8.281	893	900	917	rBV2	154860	342725	13.38%	1.377%
12	8.728	970	976	989	rBV	191642	371719	14.52%	1.494%
13	9.034	1022	1028	1032	rBV	12058	16547	0.65%	0.067%
14	9.440	1091	1097	1108	rBV	161480	312238	12.19%	1.255%
15	9.987	1183	1190	1212	rBV	144658	425222	16.61%	1.709%
16	10.134	1212	1215	1217	rVB3	2316	2963	0.12%	0.012%
17	10.328	1241	1248	1265	rVB	952195	1562937	61.03%	6.282%
18	10.510	1273	1279	1300	rBV	130134	382857	14.95%	1.539%
19	11.969	1522	1527	1529	rBV	2034	3180	0.12%	0.013%
20	13.639	1805	1811	1816	rBV	447738	718666	28.06%	2.888%
21	13.686	1816	1819	1831	rVB	117383	185907	7.26%	0.747%
22	13.904	1850	1856	1877	rBV	548360	846923	33.07%	3.404%
23	14.210	1902	1908	1923	rBV2	1278156	2009611	78.48%	8.077%
24	14.533	1955	1963	1979	rBV4	40464	181154	7.07%	0.728%
25	14.645	1979	1982	1989	rVV8	7802	21419	0.84%	0.086%
26	15.004	2039	2043	2047	rVB6	2805	4218	0.16%	0.017%
27	15.057	2047	2052	2055	rBV4	3206	4049	0.16%	0.016%
28	15.216	2073	2079	2091	rBV	702311	1089675	42.55%	4.380%
29	15.298	2091	2093	2097	rVB3	3137	3359	0.13%	0.014%
30	15.386	2103	2108	2117	rBV2	110015	195961	7.65%	0.788%
31	15.457	2119	2120	2127	rVB4	9870	11135	0.43%	0.045%
32	15.916	2195	2198	2201	rBV2	2204	2872	0.11%	0.012%
33	16.386	2275	2278	2282	rBV2	4014	5262	0.21%	0.021%
34	16.416	2282	2283	2289	rVB3	1991	2945	0.12%	0.012%

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35	16.522	2296	2301	2309	rBV	15755	20364	0.80%	0.082%
36	16.769	2339	2343	2349	rBV2	4650	6122	0.24%	0.025%
37	16.880	2359	2362	2366	rBV3	3207	3945	0.15%	0.016%
38	16.974	2372	2378	2389	rBV2	1585834	2314370	90.38%	9.302%
39	17.074	2389	2395	2406	rVV2	718453	1109000	43.31%	4.457%
40	17.151	2406	2408	2415	rVV5	6832	12026	0.47%	0.048%
41	17.269	2423	2428	2430	rBV2	3310	3314	0.13%	0.013%
42	17.639	2488	2491	2494	rBV3	3143	3045	0.12%	0.012%
43	17.745	2504	2509	2512	rBV4	7793	12808	0.50%	0.051%
44	17.868	2523	2530	2542	rBV	158627	285730	11.16%	1.148%
45	18.274	2597	2599	2603	rVB4	3613	3414	0.13%	0.014%
46	18.557	2643	2647	2649	rBV5	4318	5318	0.21%	0.021%
47	18.668	2663	2666	2667	rBV3	3046	2620	0.10%	0.011%
48	18.786	2685	2686	2690	rBV3	3359	4026	0.16%	0.016%
49	19.039	2722	2729	2731	rBV5	14583	32287	1.26%	0.130%
50	19.163	2745	2750	2757	rBV4	41839	81114	3.17%	0.326%
51	19.386	2783	2788	2797	rBV2	928377	1292317	50.47%	5.194%
52	19.668	2834	2836	2837	rBV2	5853	3870	0.15%	0.016%
53	20.886	3039	3043	3054	rBV	343476	472828	18.46%	1.900%
54	21.192	3089	3095	3107	rBV	1917781	2560783	100.00%	10.292%
55	21.321	3114	3117	3119	rBV2	54565	61046	2.38%	0.245%
56	21.739	3186	3188	3192	rBV2	95451	109562	4.28%	0.440%
57	22.192	3262	3265	3270	rVB	188685	218311	8.53%	0.877%
58	22.315	3283	3286	3290	rVB	112942	138581	5.41%	0.557%
59	22.680	3344	3348	3355	rVB	245015	350363	13.68%	1.408%
60	23.250	3437	3445	3459	rVB3	754417	1840611	71.88%	7.398%
61	23.392	3463	3469	3478	rVB2	1297434	2556787	99.84%	10.276%
62	23.845	3542	3546	3553	rVB	247001	453667	17.72%	1.823%

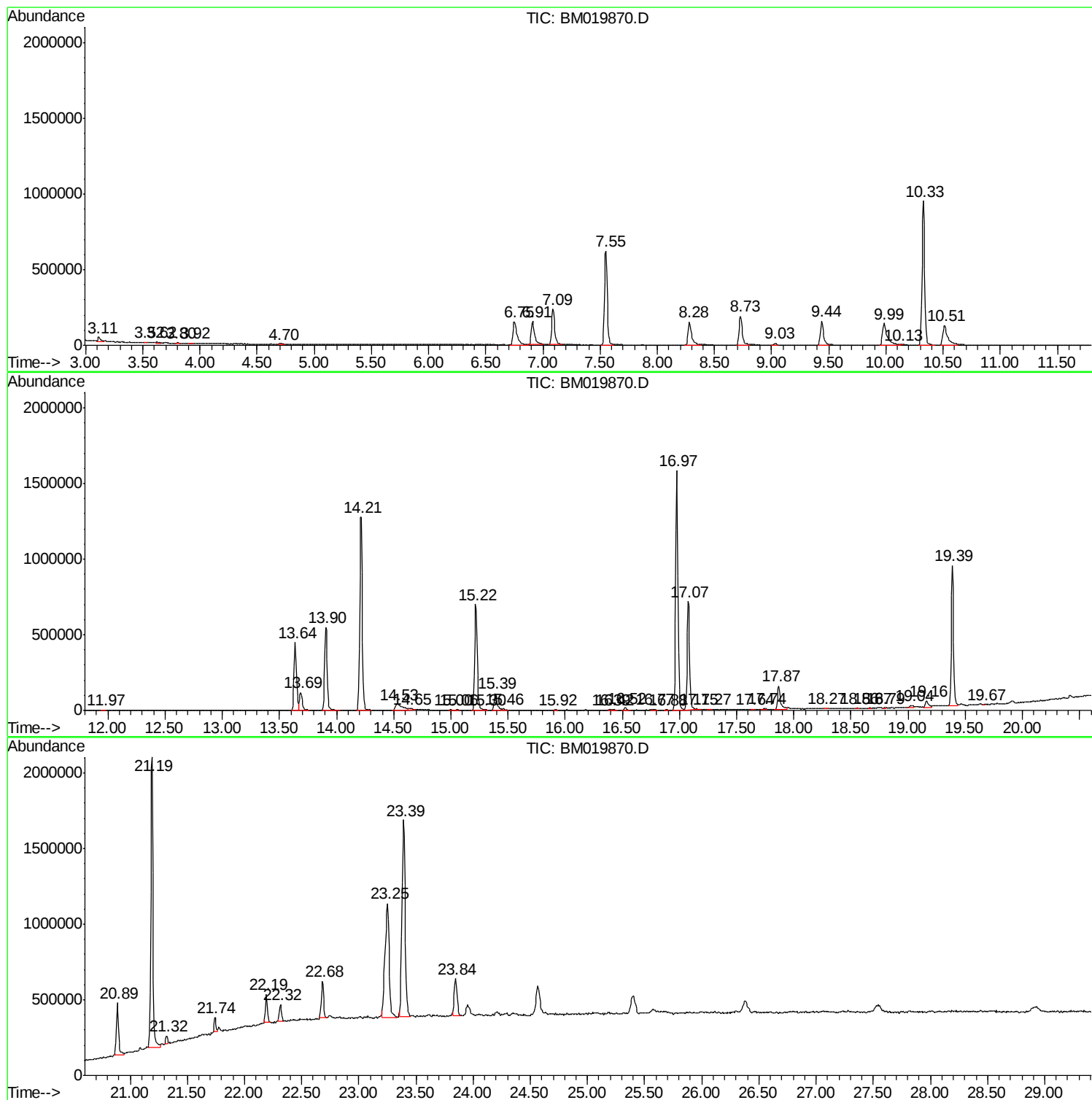
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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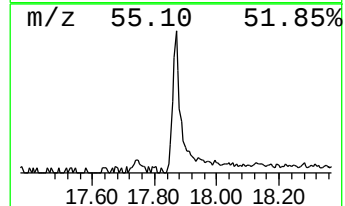
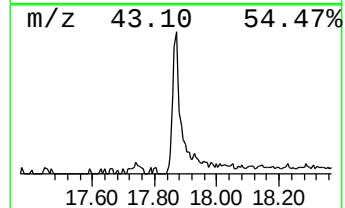
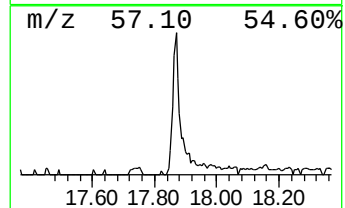
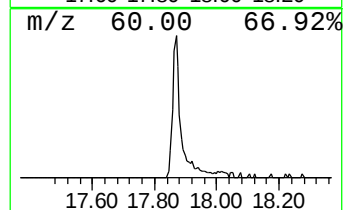
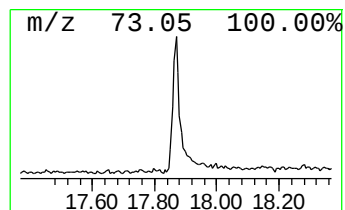
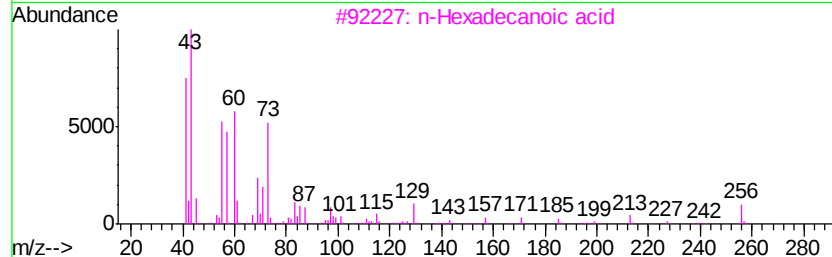
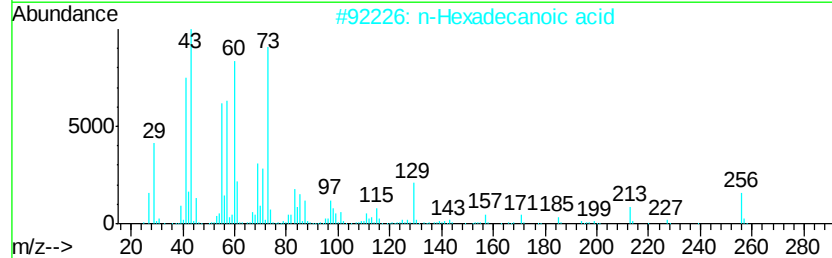
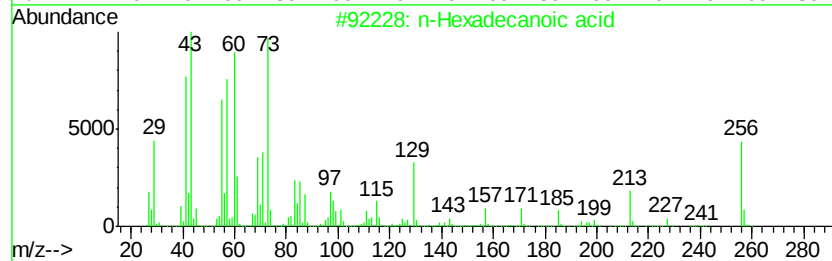
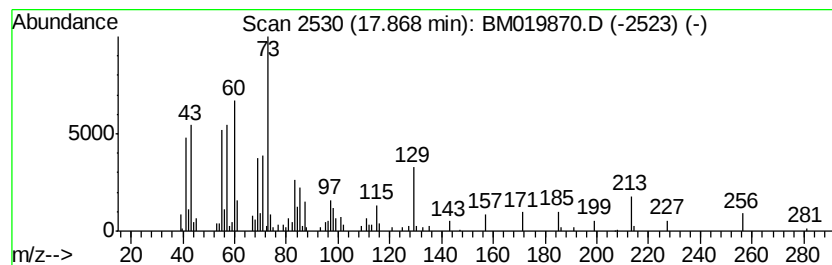
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	2.47 ng/ul	285730	Phenanthrene-d10	16.97		
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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58	



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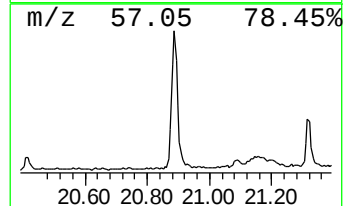
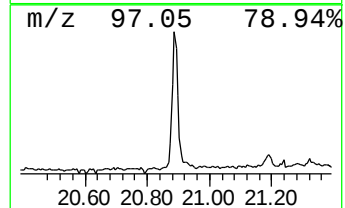
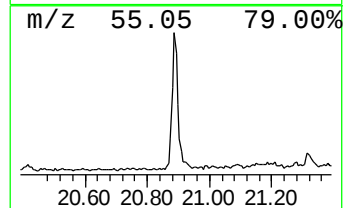
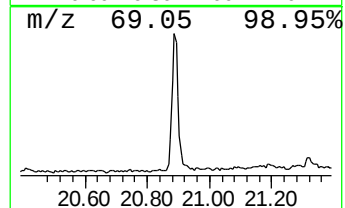
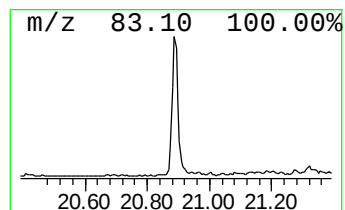
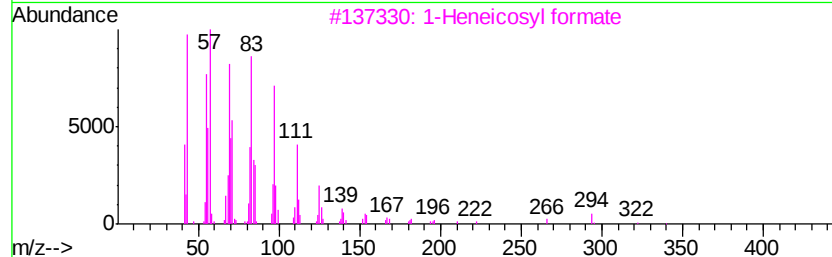
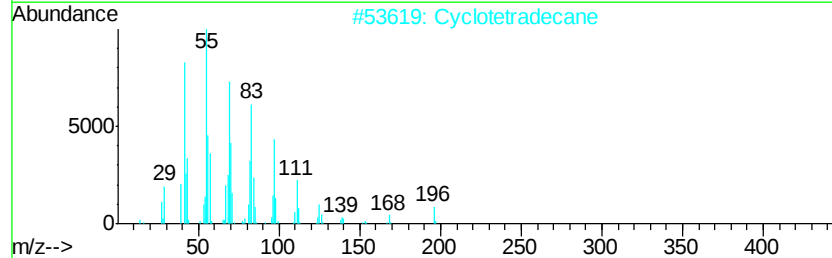
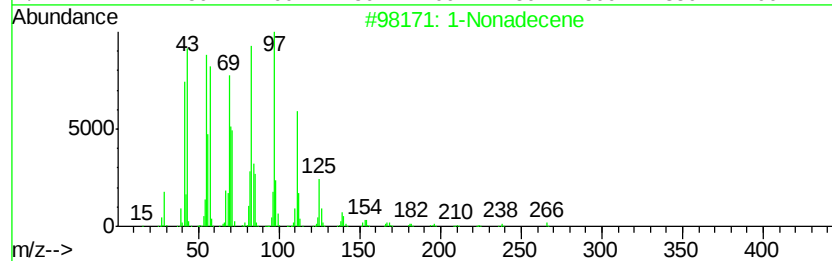
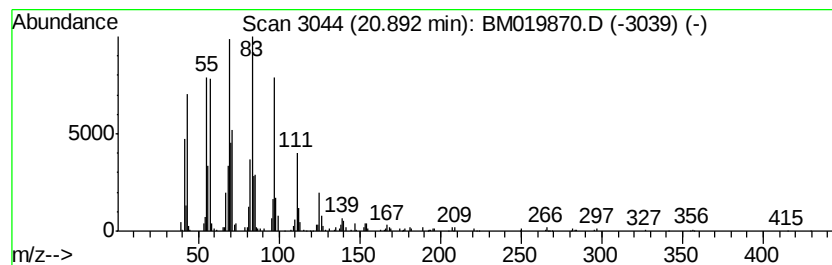
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.69 ng/ul	472828	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		Cyclotetradecane	196	C14H28	000295-17-0	93
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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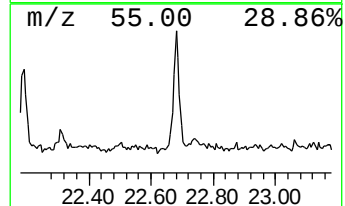
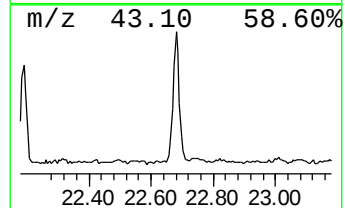
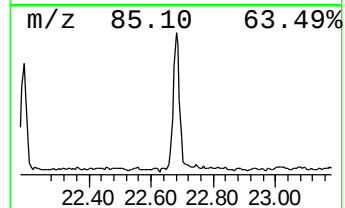
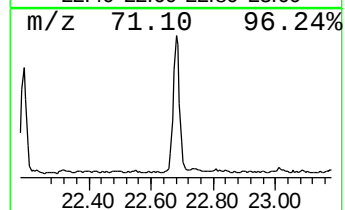
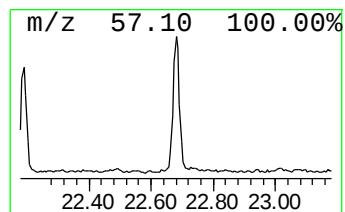
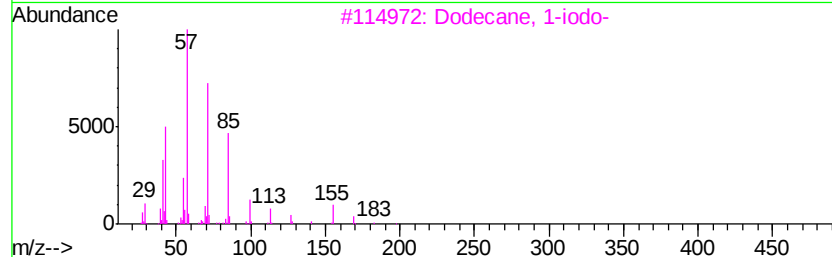
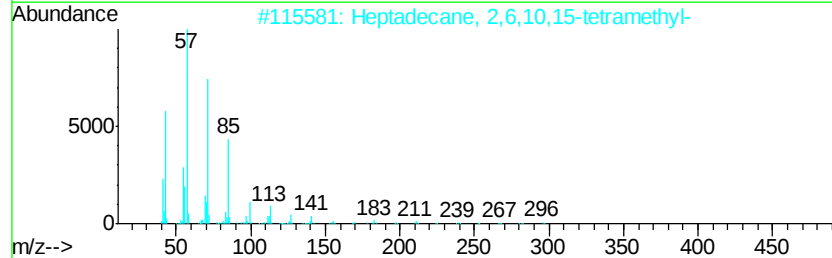
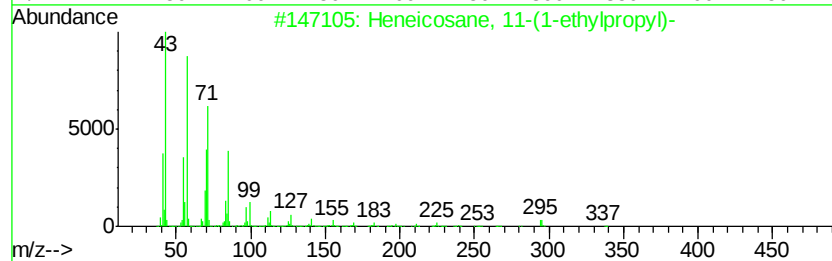
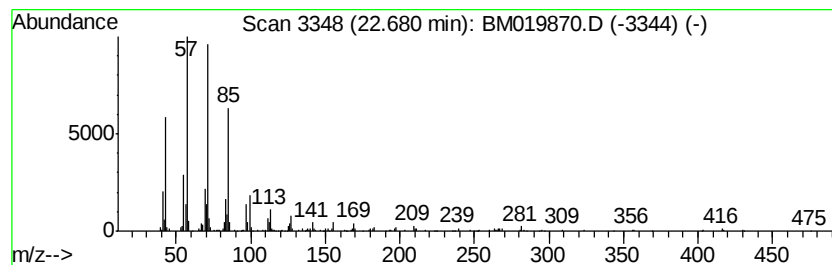
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	2.74 ng/ul	350363	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Heptacosane	380	C27H56	000593-49-7	74
5		Octacosane	394	C28H58	000630-02-4	74



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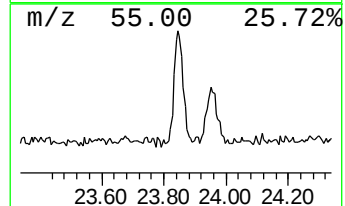
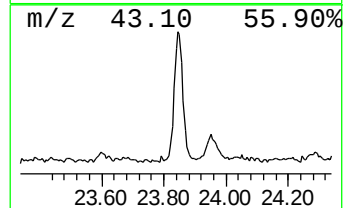
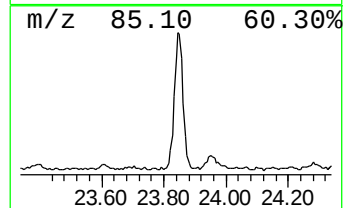
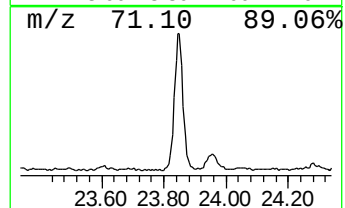
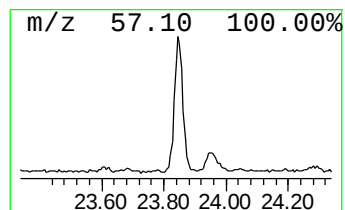
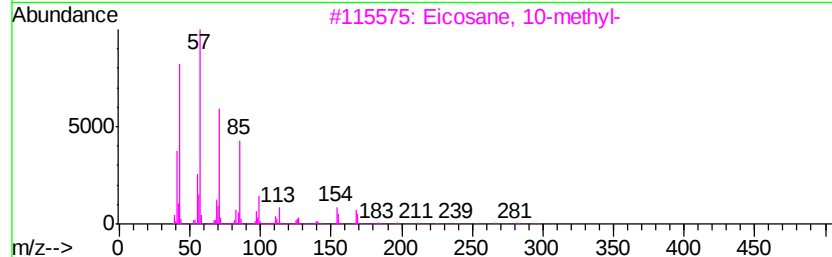
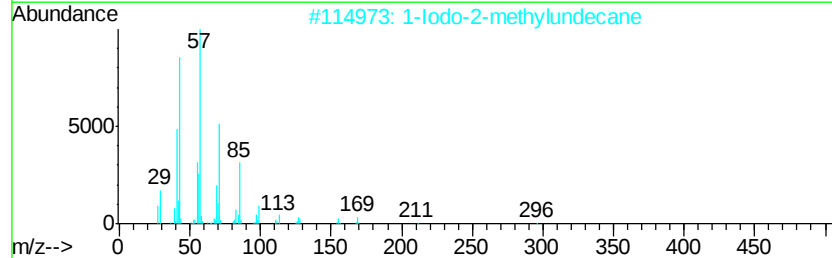
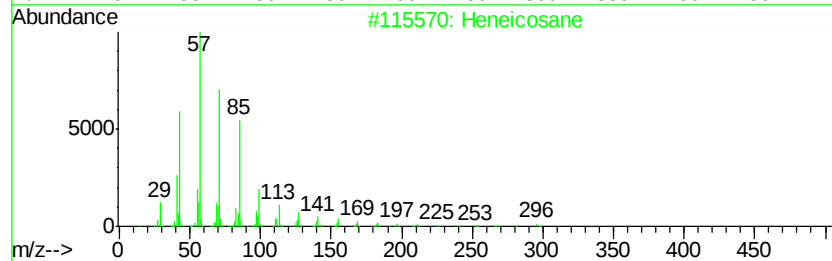
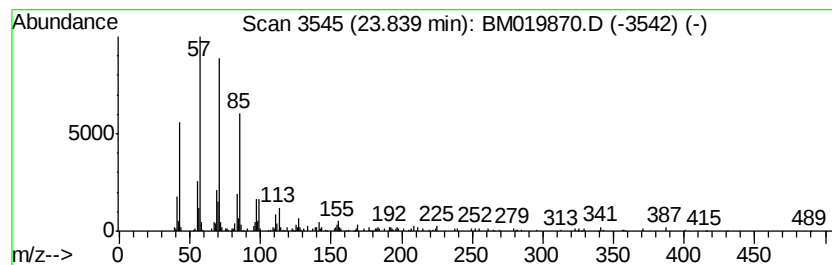
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	3.55 ng/ul	453667	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5		Nonacosane	408	C29H60	000630-03-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.5	ng/ul	285730	4	16.97	2314370	20.0
(DEL) Alkane: Cyc...	20.89	3.7	ng/ul	472828	5	21.19	2560780	20.0
(DEL) Alkane: Str...	22.68	2.7	ng/ul	350363	6	23.39	2556790	20.0
(DEL) Alkane: Str...	23.84	3.5	ng/ul	453667	6	23.39	2556790	20.0