

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019872.D
 Acq On : 10 Apr 2019 20:18
 Operator : JU/SJ
 Sample : K2303-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF882

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	3.116	19	22	30	rVB	37148	54547	2.70%	0.277%
2	4.340	228	230	232	rBV2	2260	2099	0.10%	0.011%
3	4.710	289	293	296	rBV2	3717	5696	0.28%	0.029%
4	6.745	634	639	655	rBV	229239	520187	25.76%	2.643%
5	6.910	661	667	685	rBV	222226	434244	21.51%	2.206%
6	7.087	690	697	716	rVB	346455	594398	29.44%	3.020%
7	7.422	751	754	757	rVB4	1821	2380	0.12%	0.012%
8	7.551	769	776	785	rBV	391828	642831	31.84%	3.266%
9	8.275	894	899	917	rBV	275723	577240	28.59%	2.932%
10	8.728	969	976	990	rBV	263782	512944	25.40%	2.606%
11	9.033	1023	1028	1035	rVB	15814	24142	1.20%	0.123%
12	9.439	1090	1097	1112	rBV	221678	423937	21.00%	2.154%
13	9.980	1182	1189	1221	rBV	213838	587981	29.12%	2.987%
14	10.257	1233	1236	1239	rBV2	2524	2065	0.10%	0.010%
15	10.327	1241	1248	1260	rBV	505188	848503	42.02%	4.310%
16	10.504	1272	1278	1301	rBV	182271	533522	26.42%	2.710%
17	11.951	1521	1524	1526	rBV	2151	3004	0.15%	0.015%
18	12.416	1601	1603	1609	rVB2	1176	2030	0.10%	0.010%
19	13.639	1804	1811	1816	rBV	545040	852756	42.23%	4.332%
20	13.686	1816	1819	1828	rVB	93108	146944	7.28%	0.746%
21	13.904	1850	1856	1874	rBV	652096	1006764	49.86%	5.114%
22	14.086	1886	1887	1891	rVB2	2558	2514	0.12%	0.013%
23	14.215	1902	1909	1924	rBV2	616576	970965	48.09%	4.933%
24	14.521	1956	1961	1984	rBV2	45560	209107	10.36%	1.062%
25	14.780	2002	2005	2009	rVB3	1523	2126	0.11%	0.011%
26	15.051	2049	2051	2055	rVB3	2997	3855	0.19%	0.020%
27	15.215	2073	2079	2093	rBV	763018	1232792	61.05%	6.263%
28	15.386	2103	2108	2118	rBV2	127565	240820	11.93%	1.223%
29	15.457	2118	2120	2125	rVV3	12107	18901	0.94%	0.096%
30	15.504	2125	2128	2134	rVB2	5167	6969	0.35%	0.035%
31	15.709	2160	2163	2168	rVB2	3224	3636	0.18%	0.018%
32	15.921	2195	2199	2202	rVB3	2288	2910	0.14%	0.015%
33	16.004	2210	2213	2216	rVB2	2500	2616	0.13%	0.013%
34	16.045	2216	2220	2226	rBV3	1894	2724	0.13%	0.014%

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35	16.192	2240	2245	2249	rBV	9637	10069	0.50%	0.051%
36	16.233	2249	2252	2256	rVB	9691	11055	0.55%	0.056%
37	16.345	2262	2271	2276	rBV2	6074	8813	0.44%	0.045%
38	16.527	2298	2302	2303	rBV	4960	5273	0.26%	0.027%
39	16.768	2337	2343	2347	rBV3	2739	3525	0.17%	0.018%
40	16.862	2356	2359	2363	rVB2	2638	3599	0.18%	0.018%
41	16.974	2373	2378	2389	rBV2	702983	1029013	50.96%	5.228%
42	17.074	2389	2395	2411	rVV	774586	1206728	59.76%	6.130%
43	17.739	2505	2508	2514	rBV3	3937	8450	0.42%	0.043%
44	17.798	2514	2518	2520	rVB3	3119	3457	0.17%	0.018%
45	17.827	2520	2523	2525	rBV3	2597	3425	0.17%	0.017%
46	17.868	2525	2530	2539	rVV2	65772	117855	5.84%	0.599%
47	17.951	2541	2544	2547	rVV3	6042	9497	0.47%	0.048%
48	17.980	2547	2549	2554	rVB3	3372	4550	0.23%	0.023%
49	18.151	2572	2578	2579	rBV5	3150	4104	0.20%	0.021%
50	18.209	2584	2588	2592	rVB5	2488	3371	0.17%	0.017%
51	18.250	2592	2595	2596	rBV3	3582	3660	0.18%	0.019%
52	18.268	2596	2598	2601	rVB3	2910	2640	0.13%	0.013%
53	18.386	2616	2618	2621	rBV2	3138	3662	0.18%	0.019%
54	18.650	2661	2663	2664	rBV2	3164	2336	0.12%	0.012%
55	18.792	2685	2687	2689	rVB2	3665	2671	0.13%	0.014%
56	19.021	2722	2726	2732	rBV3	13480	28658	1.42%	0.146%
57	19.162	2745	2750	2757	rBV7	26977	53828	2.67%	0.273%
58	19.386	2782	2788	2797	rBV	1010085	1390137	68.85%	7.062%
59	20.886	3040	3043	3048	rBV2	63277	90109	4.46%	0.458%
60	21.191	3090	3095	3104	rBV	971935	1283169	63.55%	6.519%
61	21.744	3186	3189	3193	rBV3	83351	83681	4.14%	0.425%
62	22.191	3262	3265	3269	rVB	126495	148099	7.33%	0.752%
63	22.680	3345	3348	3353	rVB	165701	221324	10.96%	1.124%
64	23.250	3437	3445	3460	rVB2	944298	2019182	100.00%	10.258%
65	23.391	3463	3469	3478	rVB	788096	1440494	71.34%	7.318%

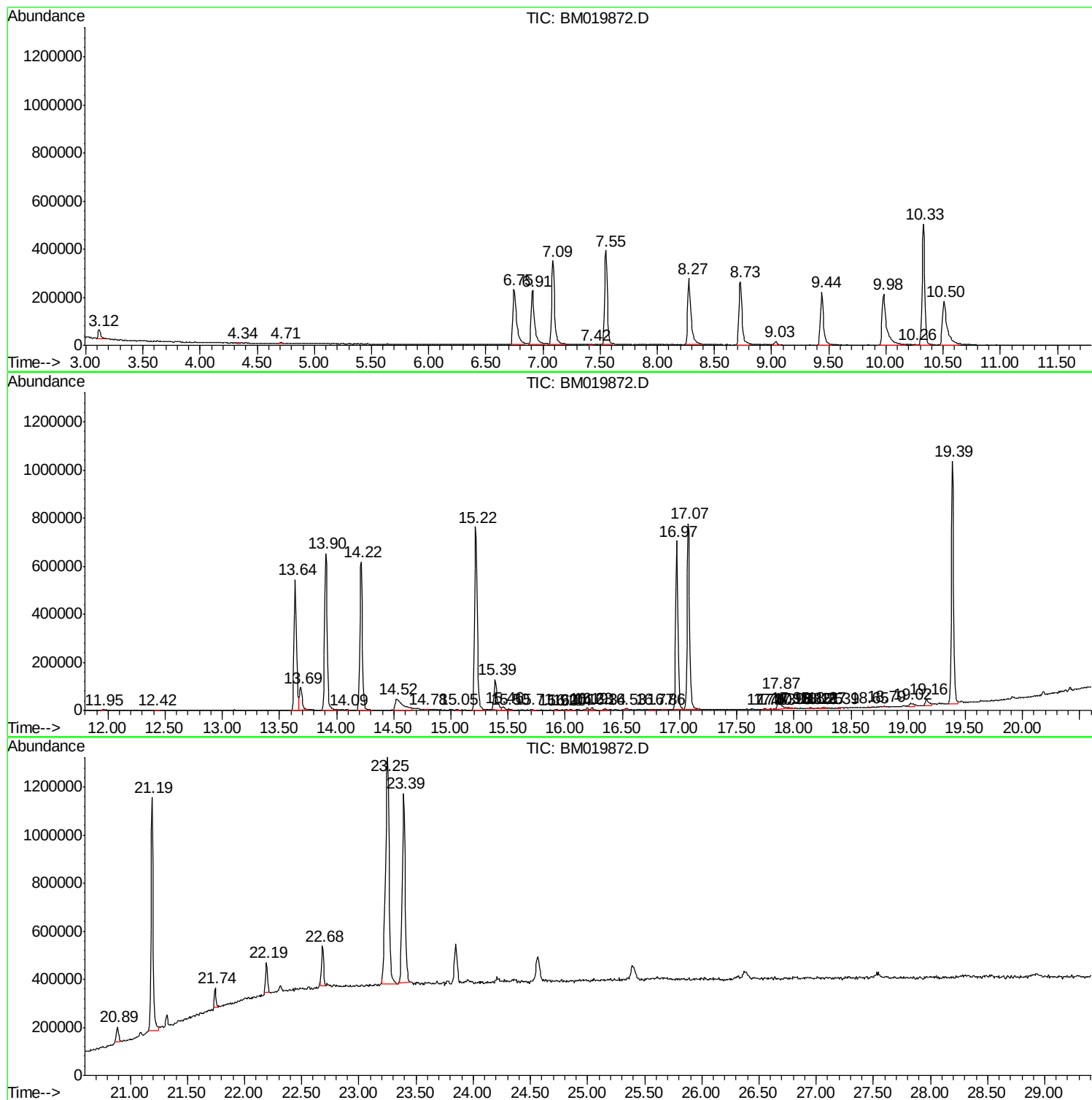
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Quant Title : SVOA CALIBRATION

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



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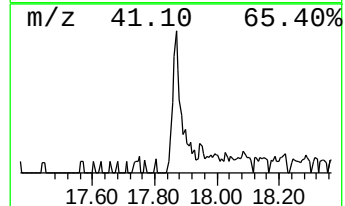
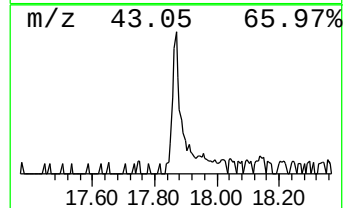
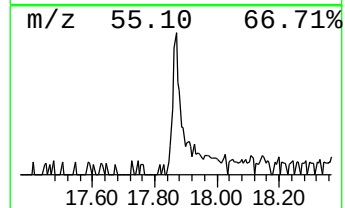
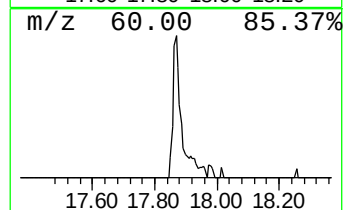
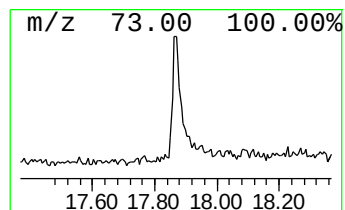
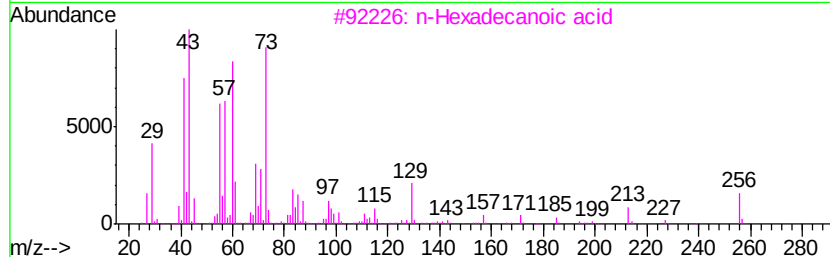
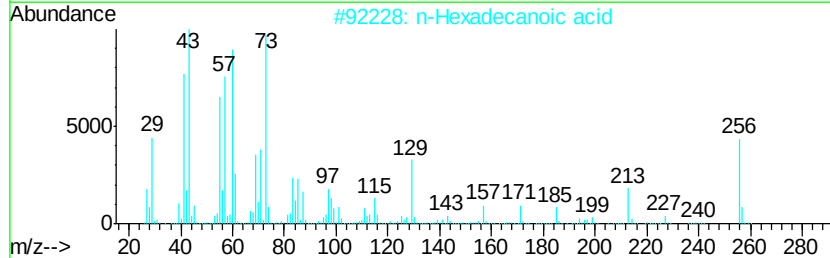
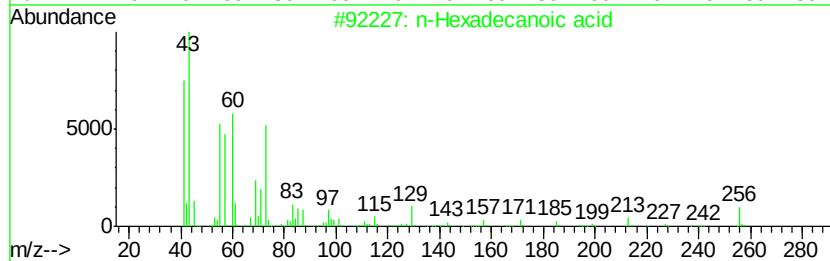
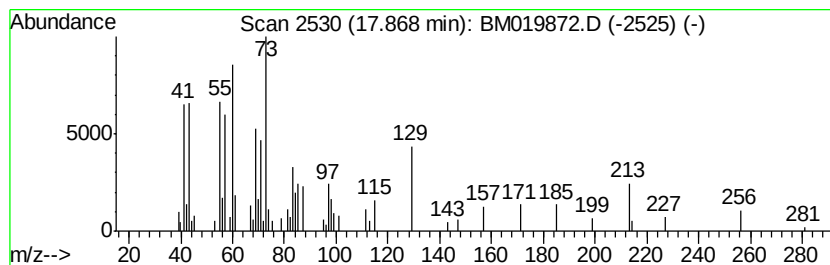
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	2.29 ng/ul	117855	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	76
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	74
5	Tridecanoic acid		214	C13H26O2	000638-53-9	68



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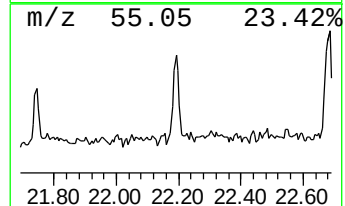
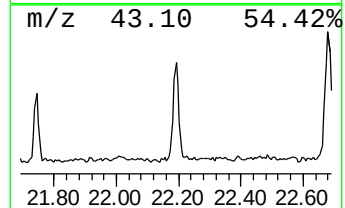
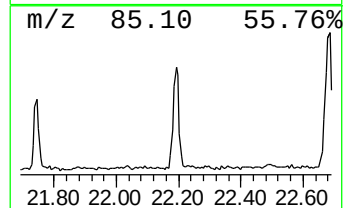
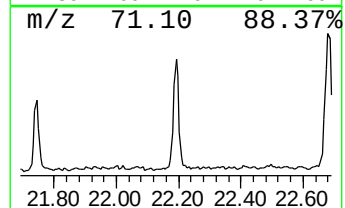
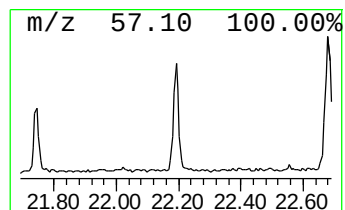
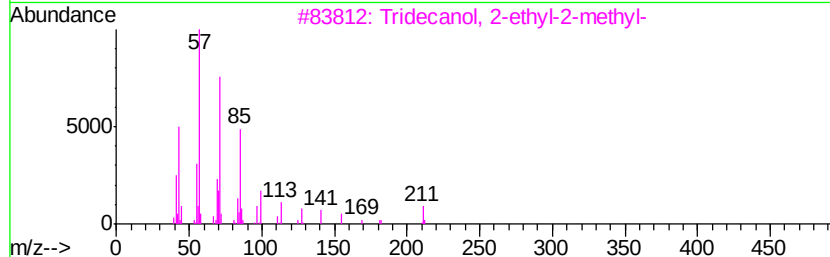
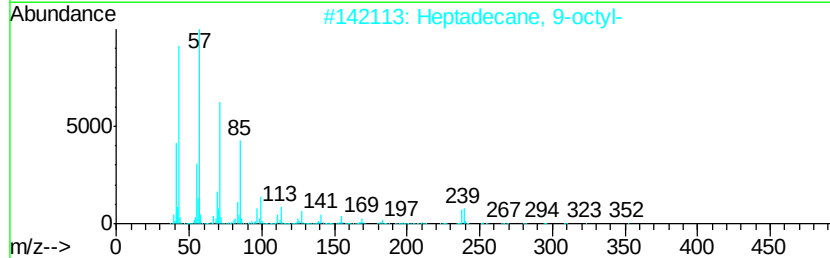
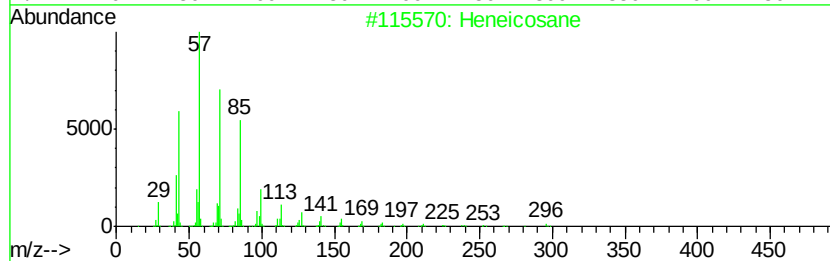
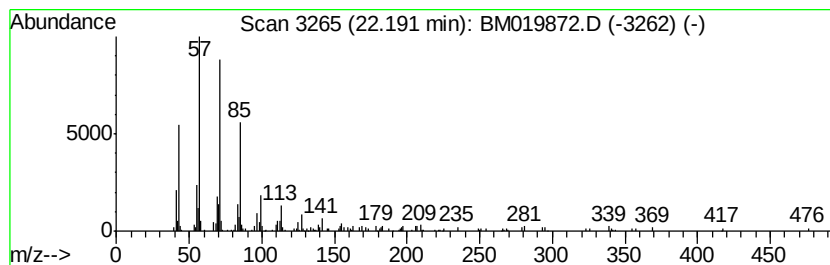
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.31 ng/ul	148099	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



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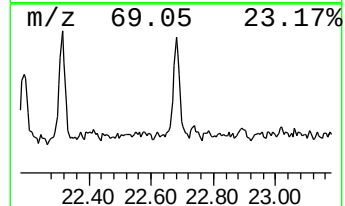
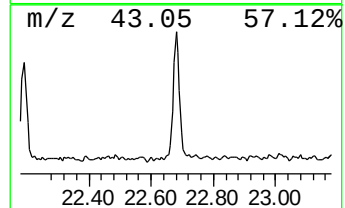
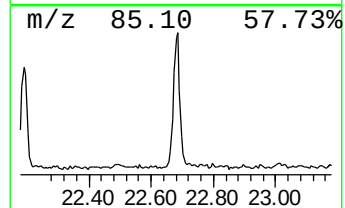
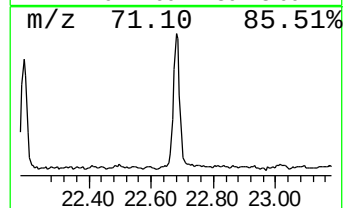
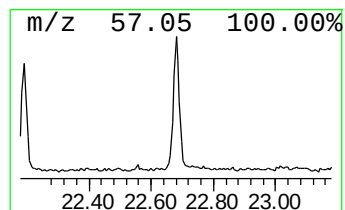
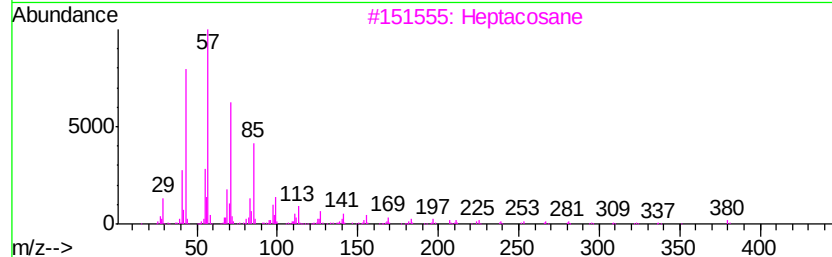
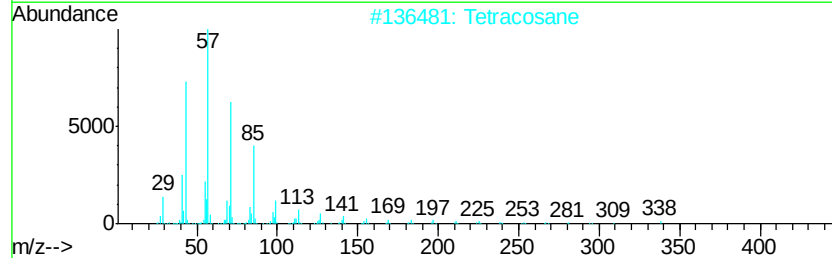
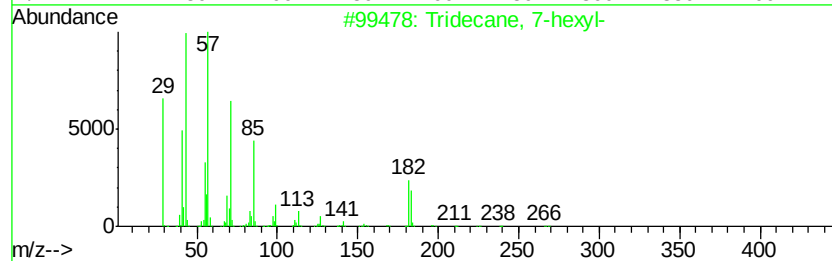
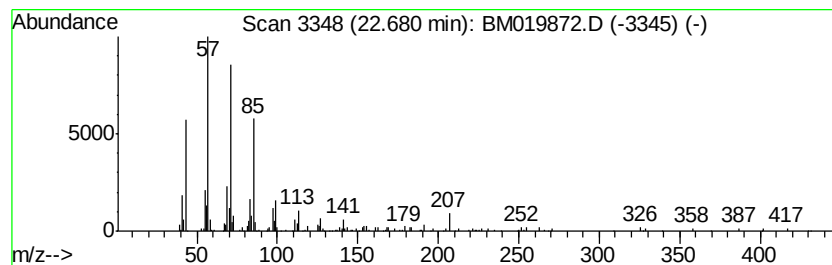
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 Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	3.07 ng/ul	221324	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2		Tetracosane	338	C24H50	000646-31-1	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.3	ng/ul	117855	4	16.97	1029010	20.0
(DEL) Alkane: Str...	22.19	2.3	ng/ul	148099	5	21.19	1283170	20.0
(DEL) Alkane: Str...	22.68	3.1	ng/ul	221324	6	23.39	1440490	20.0