

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024336.D
 Acq On : 27 Dec 2019 20:55
 Operator : JU
 Sample : K6280-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF37

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-BM121719MA.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	2.987	14	17	24	rVB	56118	80214	1.55%	0.154%
2	3.681	133	135	139	rVB5	12991	12709	0.25%	0.024%
3	5.804	493	496	500	rVB3	3295	5564	0.11%	0.011%
4	6.622	629	635	649	rVV	200536	411375	7.96%	0.789%
5	6.769	654	660	678	rBV	656499	1106978	21.41%	2.124%
6	6.957	685	692	705	rBV	758764	1279843	24.75%	2.456%
7	7.416	763	770	781	rBV	836224	1366125	26.42%	2.621%
8	7.504	781	785	790	rVB8	6685	11281	0.22%	0.022%
9	8.139	887	893	910	rBV	587976	1061728	20.53%	2.037%
10	8.498	948	954	957	rBV3	9611	15497	0.30%	0.030%
11	8.569	959	966	980	rBV	810116	1399598	27.07%	2.686%
12	8.804	1004	1006	1010	rVB4	6492	5717	0.11%	0.011%
13	8.998	1034	1039	1043	rVB	21574	32524	0.63%	0.062%
14	9.116	1057	1059	1064	rVB6	3129	5324	0.10%	0.010%
15	9.286	1081	1088	1103	rBV	679481	1197924	23.17%	2.299%
16	9.828	1173	1180	1200	rBV	910289	1821597	35.23%	3.495%
17	10.180	1232	1240	1252	rBV	1177567	1953087	37.77%	3.748%
18	10.263	1252	1254	1258	rVB3	5641	5931	0.11%	0.011%
19	10.304	1258	1261	1265	rBV5	3960	6841	0.13%	0.013%
20	10.369	1267	1272	1280	rBV5	14246	32722	0.63%	0.063%
21	11.798	1509	1515	1521	rBV2	16182	37240	0.72%	0.071%
22	12.074	1557	1562	1565	rBV7	2478	5437	0.11%	0.010%
23	12.157	1573	1576	1579	rVB4	5582	5990	0.12%	0.011%
24	12.363	1608	1611	1616	rBV6	3892	6531	0.13%	0.013%
25	12.686	1663	1666	1670	rVB6	5801	8795	0.17%	0.017%
26	12.916	1700	1705	1707	rBV5	4395	5359	0.10%	0.010%
27	12.992	1712	1718	1723	rBV3	15451	24896	0.48%	0.048%
28	13.504	1799	1805	1810	rBV	1991076	2705761	52.33%	5.192%
29	13.551	1810	1813	1820	rVV	109993	170350	3.29%	0.327%
30	13.627	1824	1826	1831	rVB6	4830	5400	0.10%	0.010%
31	13.768	1842	1850	1862	rBV	2248765	3351641	64.82%	6.431%
32	13.963	1876	1883	1892	rVV2	83177	239151	4.63%	0.459%
33	14.080	1896	1903	1913	rVB	1680051	2506844	48.48%	4.810%
34	14.210	1922	1925	1931	rVB6	6985	12437	0.24%	0.024%

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35	14.274	1934	1936	1942	rVB6	5661	8109	0.16%	0.016%
36	14.363	1945	1951	1959	rBV2	85693	222459	4.30%	0.427%
37	14.692	2004	2007	2008	rBV3	6411	6483	0.13%	0.012%
38	14.757	2013	2018	2022	rVV3	38004	60484	1.17%	0.116%
39	14.792	2022	2024	2032	rVB5	13096	17246	0.33%	0.033%
40	14.863	2032	2036	2039	rBV5	8316	14565	0.28%	0.028%
41	14.910	2041	2044	2051	rVV7	11665	25779	0.50%	0.049%
42	14.968	2052	2054	2057	rVB4	6595	6552	0.13%	0.013%
43	15.080	2067	2073	2086	rBV	2798978	4103763	79.37%	7.875%
44	15.239	2095	2100	2111	rBV	756622	1190508	23.02%	2.284%
45	15.321	2111	2114	2120	rVB3	39415	60828	1.18%	0.117%
46	15.615	2159	2164	2170	rBV7	25827	42618	0.82%	0.082%
47	15.668	2170	2173	2175	rBV4	6863	8890	0.17%	0.017%
48	15.774	2190	2191	2196	rVB5	5834	6276	0.12%	0.012%
49	15.827	2198	2200	2204	rVV5	9035	12146	0.23%	0.023%
50	15.874	2204	2208	2212	rVB5	11983	22021	0.43%	0.042%
51	15.962	2221	2223	2225	rBV3	5953	7002	0.14%	0.013%
52	15.998	2227	2229	2231	rBV3	8718	6765	0.13%	0.013%
53	16.368	2290	2292	2297	rBV6	8242	14916	0.29%	0.029%
54	16.627	2332	2336	2340	rBV4	40095	52575	1.02%	0.101%
55	16.839	2366	2372	2382	rBV	1992978	2787389	53.91%	5.349%
56	16.939	2382	2389	2402	rBV	2881416	4220744	81.63%	8.099%
57	17.521	2484	2488	2494	rBV5	91160	119724	2.32%	0.230%
58	17.762	2525	2529	2537	rBV	185721	311720	6.03%	0.598%
59	19.062	2746	2750	2758	rBV3	88861	147955	2.86%	0.284%
60	19.245	2776	2781	2787	rBV	3512804	4803302	92.90%	9.217%
61	20.792	3040	3044	3050	rBV	731380	884630	17.11%	1.697%
62	21.050	3084	3088	3097	rBV	2348261	3135650	60.64%	6.017%
63	22.562	3342	3345	3350	rVB	295810	353010	6.83%	0.677%
64	23.044	3421	3427	3432	rBV	3042714	5170632	100.00%	9.922%
65	23.174	3443	3449	3457	rVB	1994163	3391049	65.58%	6.507%

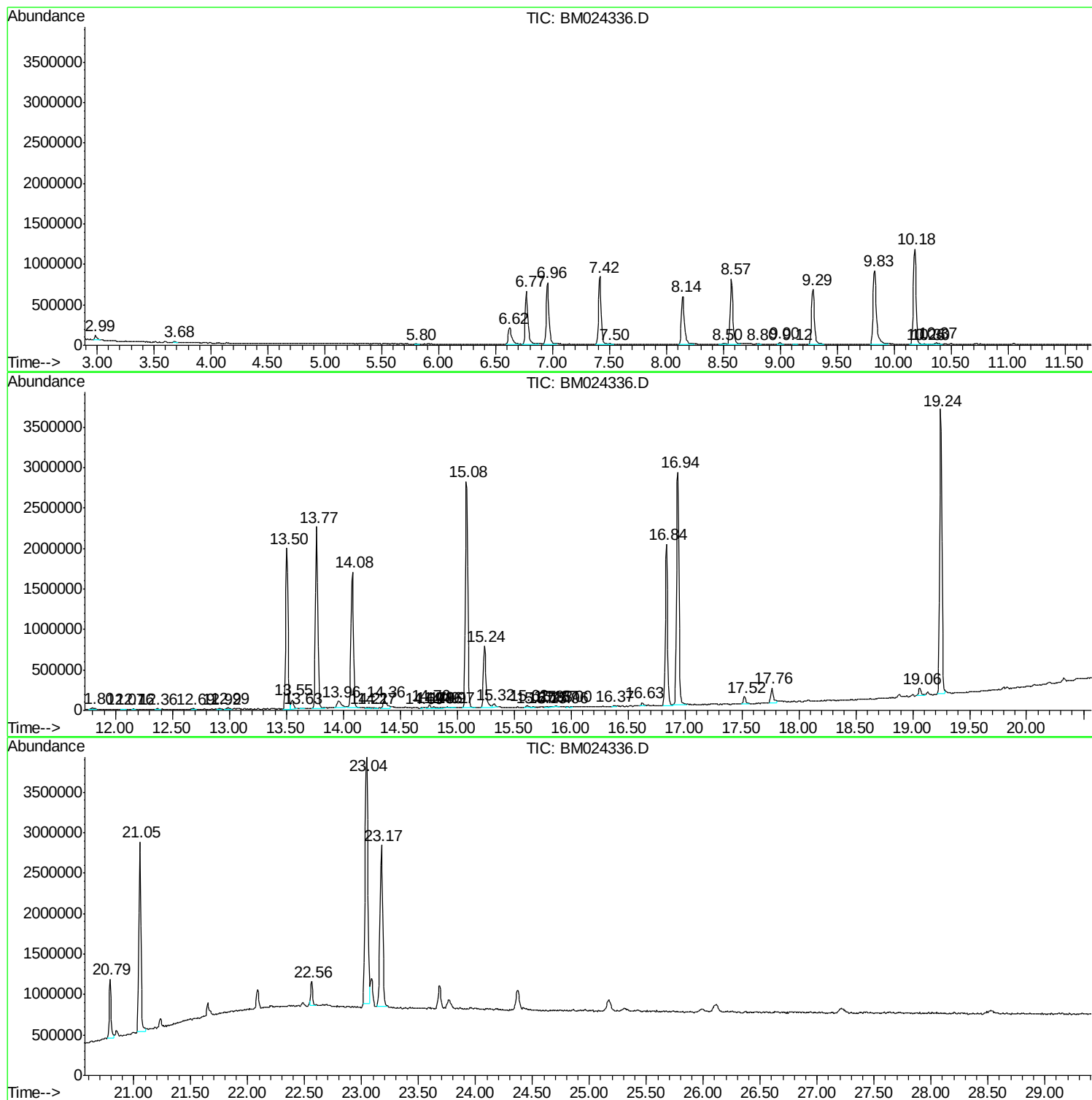
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Quant Title : SVOA CALIBRATION

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



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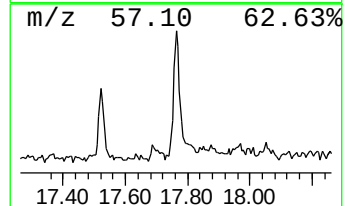
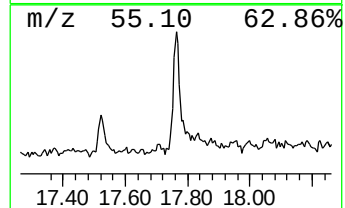
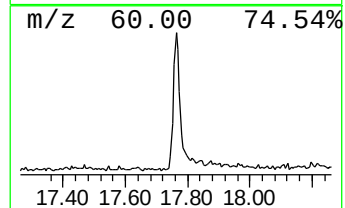
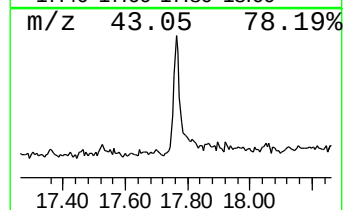
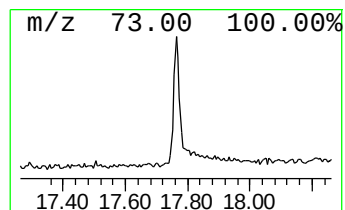
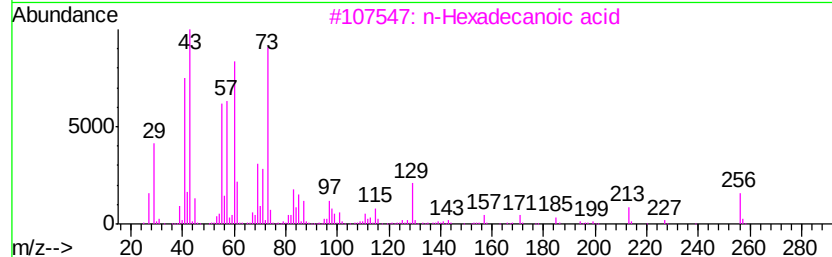
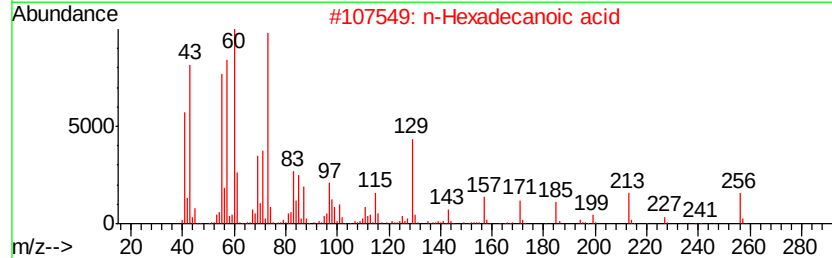
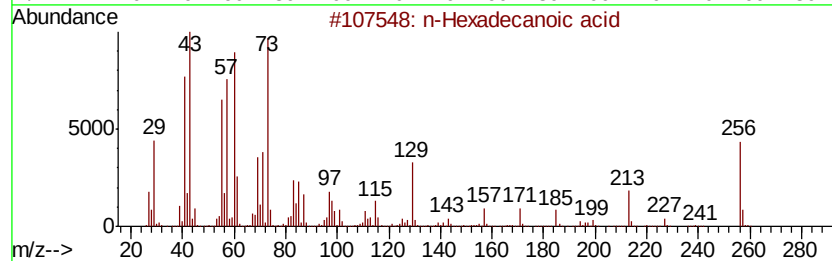
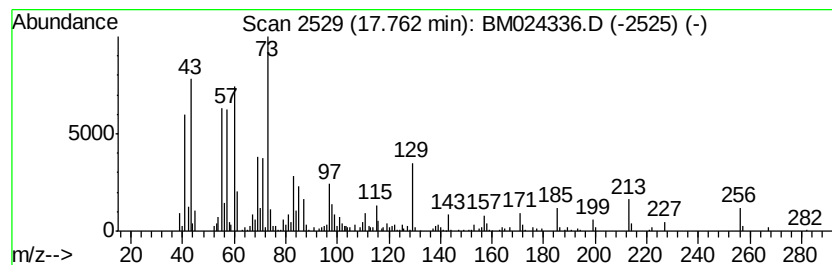
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	2.24 ng/ul	311720	Phenanthrene-d10	16.84		
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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72	



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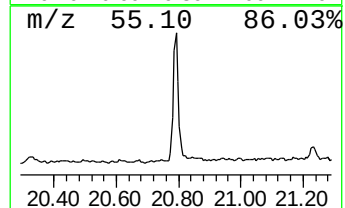
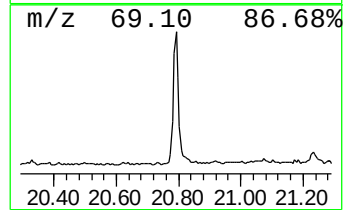
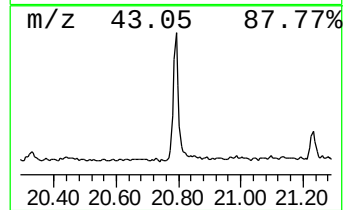
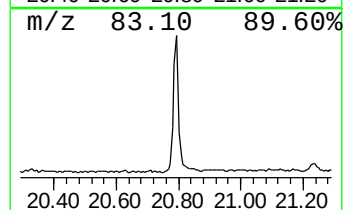
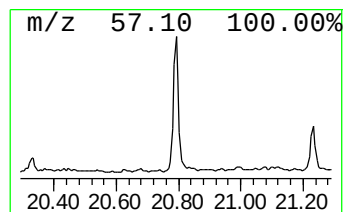
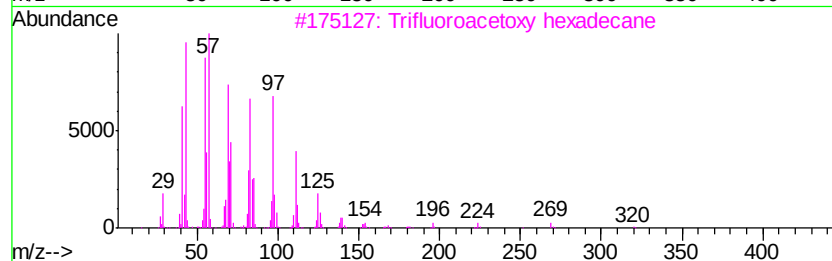
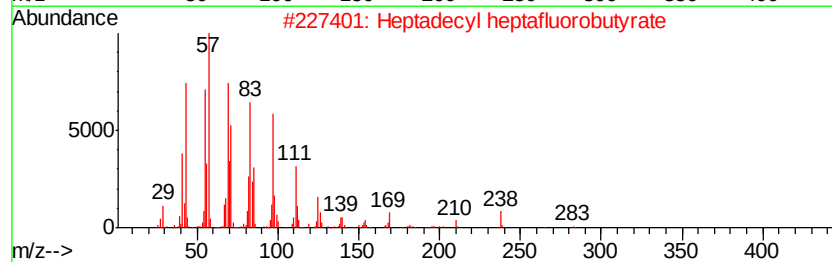
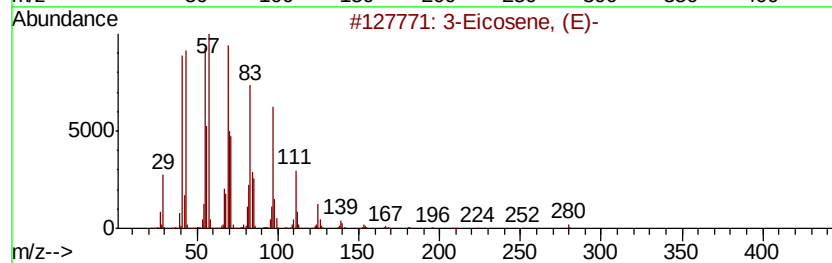
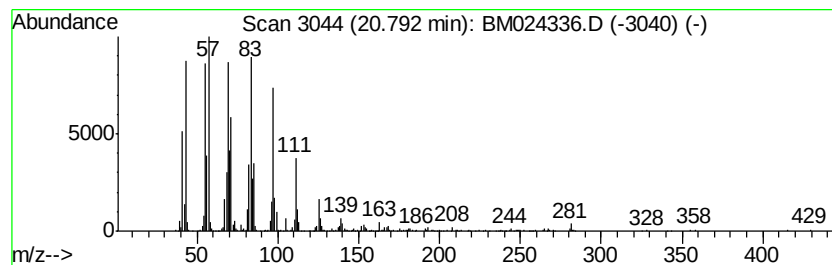
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Peak Number 2 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.79	5.64 ng/ul	884630	Chrysene-d12	21.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93



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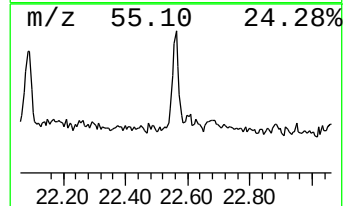
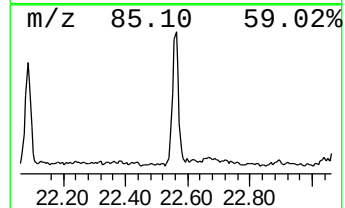
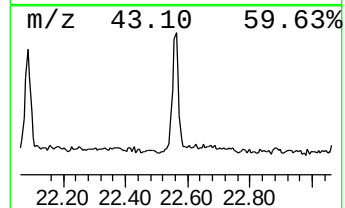
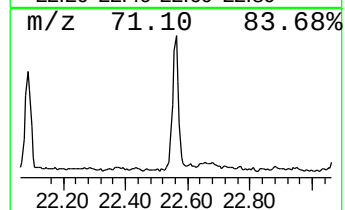
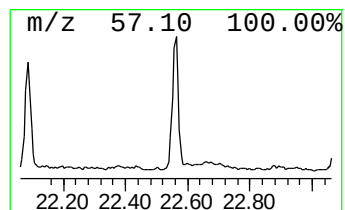
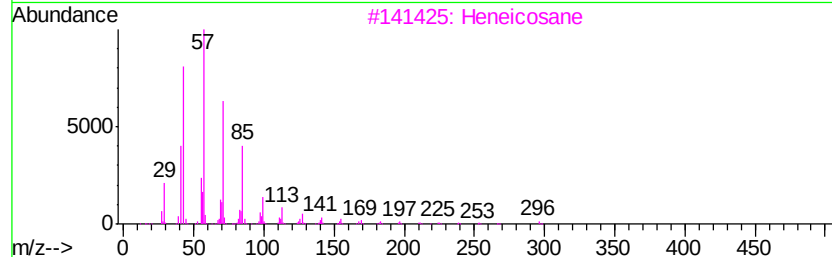
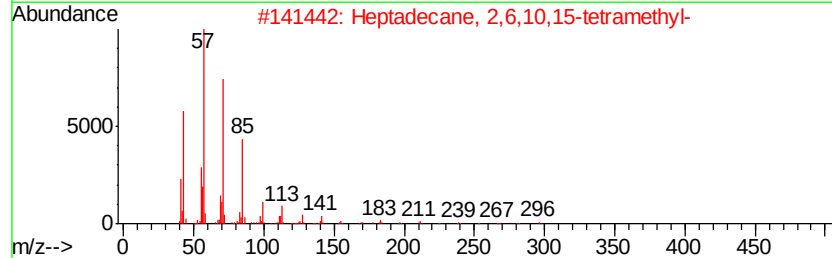
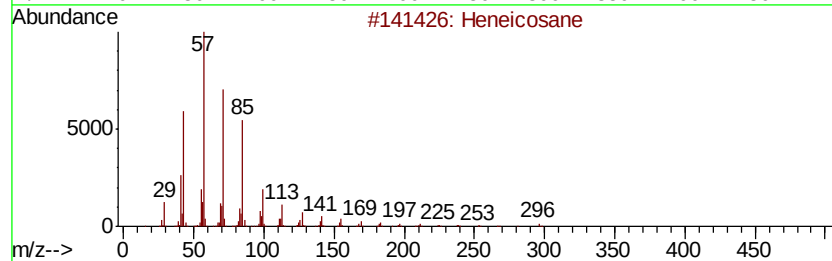
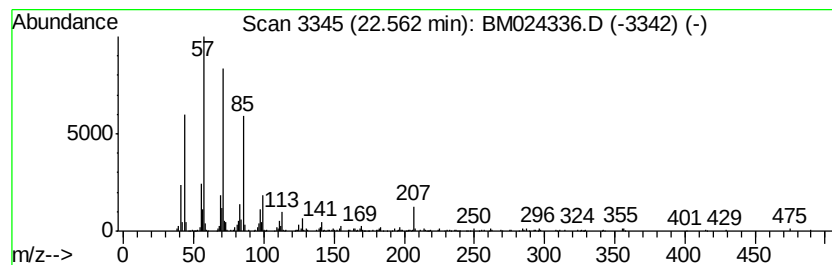
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.08 ng/ul	353010	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Heneicosane	296	C21H44	000629-94-7	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.76	2.2	ng/ul	311720	4	16.84	2787390	20.0
(DEL) Alkane: Cyc...	20.79	5.6	ng/ul	884630	5	21.05	3135650	20.0
(DEL) Alkane: Str...	22.56	2.1	ng/ul	353010	6	23.17	3391050	20.0