

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029799.D
 Acq On : 04 May 2021 21:38
 Operator : CG/JU
 Sample : M2121-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG505

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\SFAM-EPA-BM050421.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	3.081	30	33	43	rVB2	33860	58239	1.62%	0.162%
2	3.499	102	104	129	rBV	222735	558236	15.50%	1.556%
3	6.752	651	657	674	rBV2	427564	972196	26.99%	2.710%
4	6.916	679	685	701	rVV	338109	599749	16.65%	1.672%
5	7.104	711	717	731	rBV	494789	841646	23.37%	2.346%
6	7.569	789	796	808	rVV	495350	849887	23.60%	2.369%
7	8.281	911	917	935	rBV	507374	996547	27.67%	2.778%
8	8.540	959	961	965	rVB5	3078	4268	0.12%	0.012%
9	8.722	986	992	1005	rBV	403742	764016	21.21%	2.129%
10	9.140	1059	1063	1071	rVB2	12252	21228	0.59%	0.059%
11	9.440	1108	1114	1132	rBV	346425	659967	18.32%	1.839%
12	9.975	1199	1205	1228	rBV	460002	961946	26.71%	2.681%
13	10.345	1261	1268	1278	rBV	699195	1200675	33.34%	3.346%
14	10.492	1286	1293	1313	rBV	382601	926868	25.73%	2.583%
15	11.628	1484	1486	1491	rVB5	2925	4101	0.11%	0.011%
16	11.963	1539	1543	1547	rBV5	4950	9284	0.26%	0.026%
17	12.616	1651	1654	1660	rVB6	2857	3869	0.11%	0.011%
18	12.822	1687	1689	1695	rVB6	2731	4804	0.13%	0.013%
19	13.051	1723	1728	1735	rVB4	9518	15215	0.42%	0.042%
20	13.122	1735	1740	1746	rBV3	9077	14342	0.40%	0.040%
21	13.633	1821	1827	1832	rBV	1050424	1496940	41.56%	4.172%
22	13.680	1832	1835	1846	rVB	191862	299350	8.31%	0.834%
23	13.904	1865	1873	1885	rBV	1252052	1927127	53.51%	5.371%
24	14.128	1907	1911	1915	rBV5	7339	10466	0.29%	0.029%
25	14.216	1919	1926	1936	rBV	1072715	1582429	43.94%	4.410%
26	14.451	1961	1966	1993	rBV2	116638	479384	13.31%	1.336%
27	14.663	2000	2002	2013	rVB2	8249	15156	0.42%	0.042%
28	14.816	2025	2028	2032	rBV4	2126	4213	0.12%	0.012%
29	14.857	2032	2035	2043	rVB5	8109	11844	0.33%	0.033%
30	15.033	2061	2065	2070	rVV7	3217	6176	0.17%	0.017%
31	15.080	2070	2073	2080	rVB4	7574	11526	0.32%	0.032%
32	15.216	2089	2096	2113	rBV	1563590	2318298	64.37%	6.461%
33	15.345	2113	2118	2133	rVV	380846	632269	17.55%	1.762%
34	15.457	2133	2137	2144	rVB6	17360	35506	0.99%	0.099%

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35	15.592	2157	2160	2165	rVB7	3834	6059	0.17%	0.017%
36	15.710	2175	2180	2182	rVB6	3205	3841	0.11%	0.011%
37	15.904	2207	2213	2217	rBV7	4326	7940	0.22%	0.022%
38	15.945	2217	2220	2222	rBV3	4662	4228	0.12%	0.012%
39	15.998	2226	2229	2232	rBV5	5987	8795	0.24%	0.025%
40	16.204	2260	2264	2271	rVB2	12502	17146	0.48%	0.048%
41	16.298	2276	2280	2283	rBV6	2693	4517	0.13%	0.013%
42	16.363	2287	2291	2293	rVV4	3657	4519	0.13%	0.013%
43	16.410	2295	2299	2303	rBV6	3154	5202	0.14%	0.014%
44	16.704	2343	2349	2352	rBV6	5200	8350	0.23%	0.023%
45	16.745	2352	2356	2357	rBV3	6108	6743	0.19%	0.019%
46	16.963	2386	2393	2404	rBV	1288005	1812235	50.32%	5.051%
47	17.063	2404	2410	2426	rVV2	1568249	2451864	68.08%	6.834%
48	17.180	2426	2430	2434	rVB5	12026	22029	0.61%	0.061%
49	17.874	2539	2548	2564	rBV	156336	330367	9.17%	0.921%
50	18.627	2673	2676	2680	rBV4	5562	6870	0.19%	0.019%
51	18.998	2735	2739	2740	rBV2	17387	23041	0.64%	0.064%
52	19.027	2740	2744	2753	rVB	41598	73829	2.05%	0.206%
53	19.157	2762	2766	2778	rBV2	81649	145980	4.05%	0.407%
54	19.245	2778	2781	2786	rVB	18813	26618	0.74%	0.074%
55	19.357	2794	2800	2810	rBV	2145758	3005273	83.44%	8.376%
56	20.415	2977	2980	2983	rVB3	19917	24446	0.68%	0.068%
57	20.880	3054	3059	3068	rBV	319001	597370	16.59%	1.665%
58	21.074	3090	3092	3097	rVB5	39673	39789	1.10%	0.111%
59	21.145	3099	3104	3118	rVV	1541087	2261409	62.79%	6.303%
60	21.309	3130	3132	3137	rBV	40462	46530	1.29%	0.130%
61	21.733	3201	3204	3206	rBV	67874	70404	1.95%	0.196%
62	22.180	3277	3280	3284	rVB	92604	108602	3.02%	0.303%
63	22.662	3359	3362	3368	rVB	146010	183047	5.08%	0.510%
64	23.174	3442	3449	3463	rBV	1819909	3601701	100.00%	10.038%
65	23.309	3466	3472	3485	rVB2	1251638	2391583	66.40%	6.666%
66	23.827	3556	3560	3567	rVB	160996	281039	7.80%	0.783%

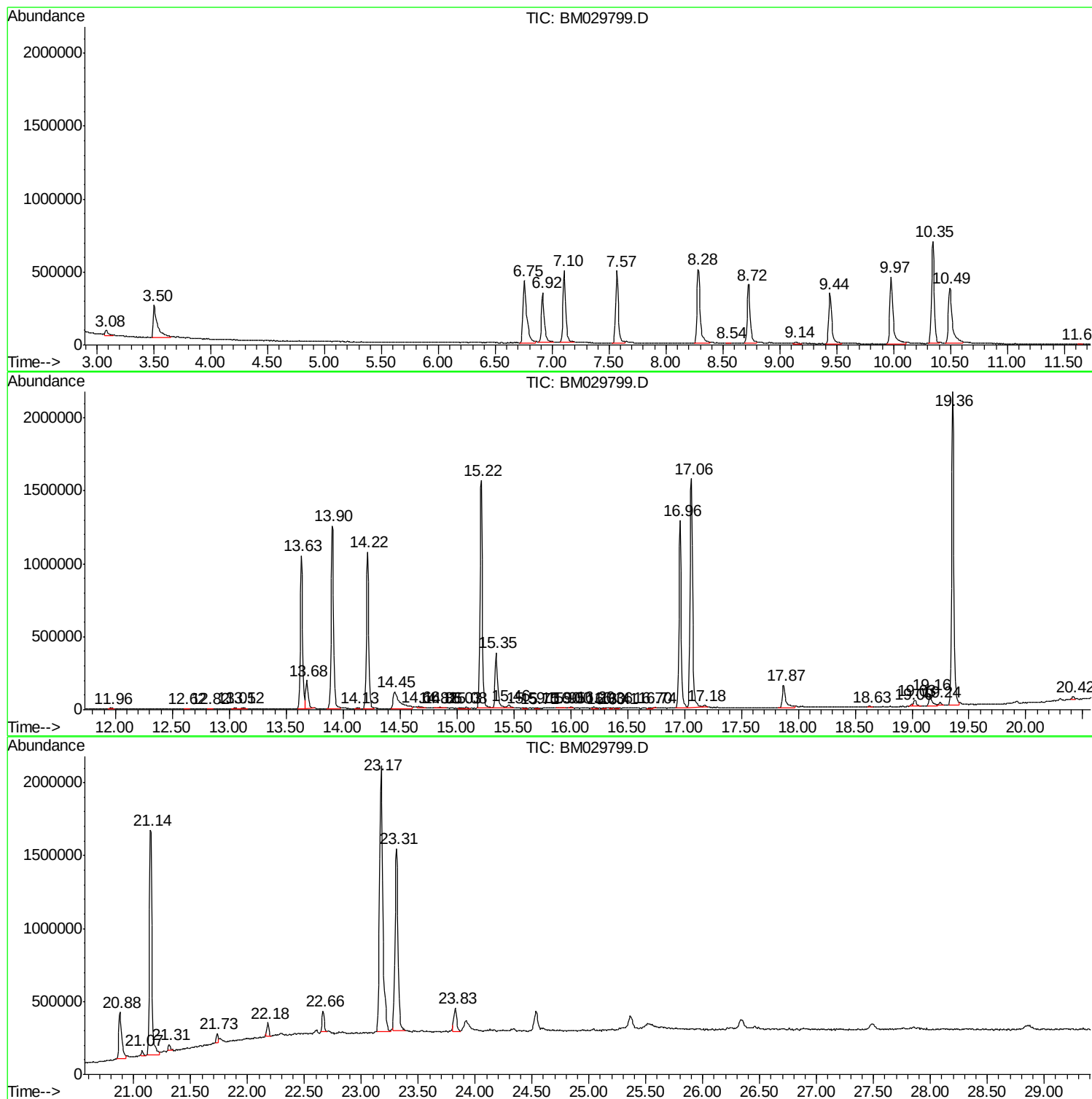
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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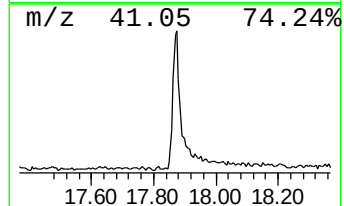
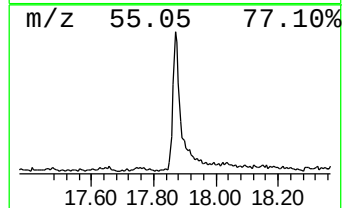
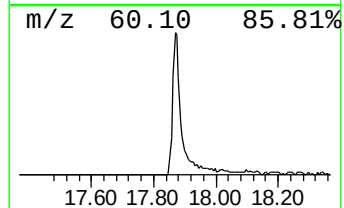
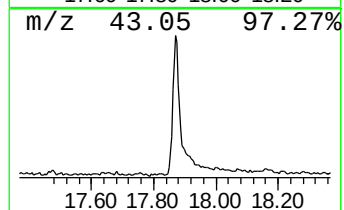
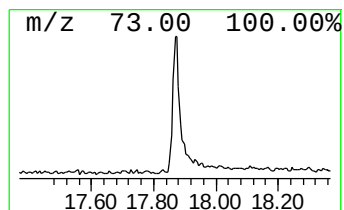
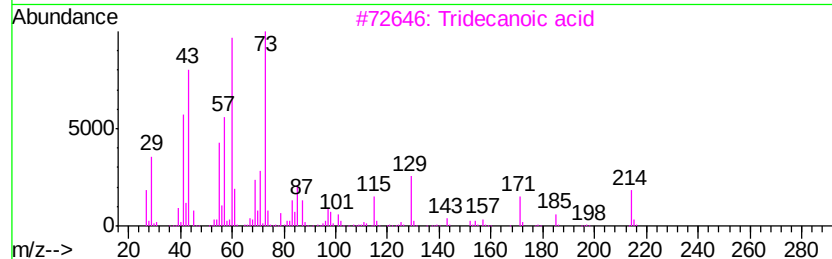
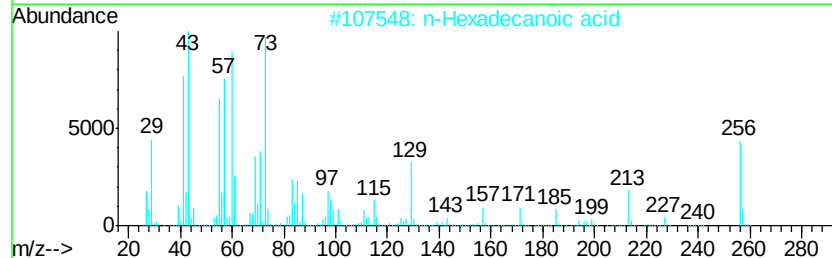
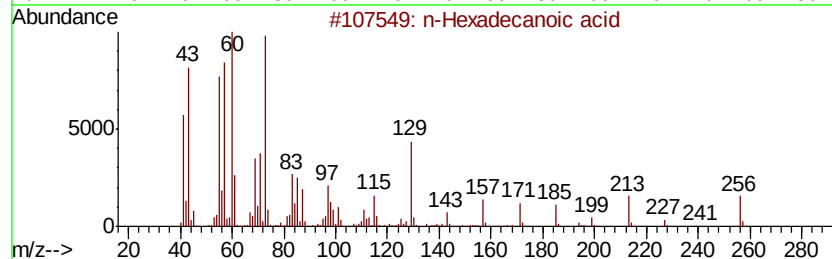
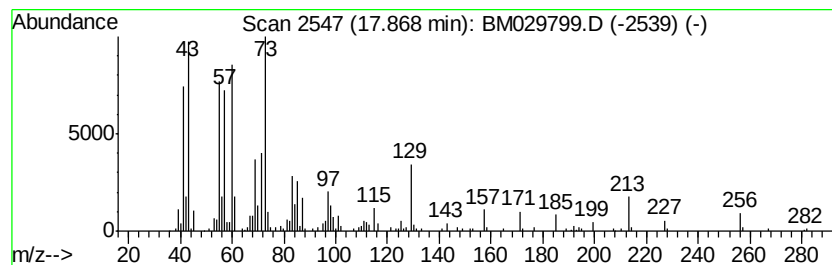
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Quant Title : SVOA CALIBRATION

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.		
17.87	3.65 ng/ul	330367	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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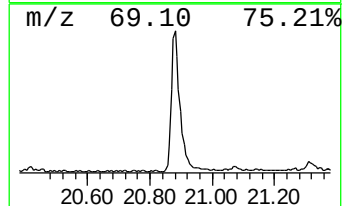
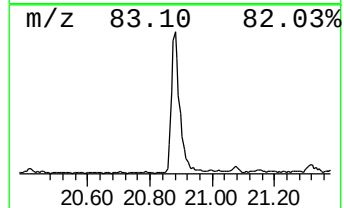
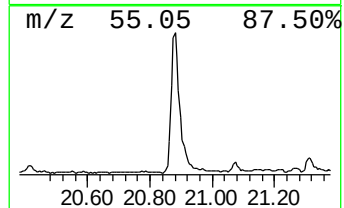
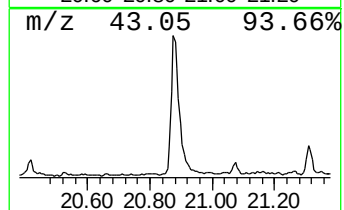
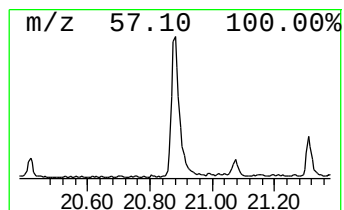
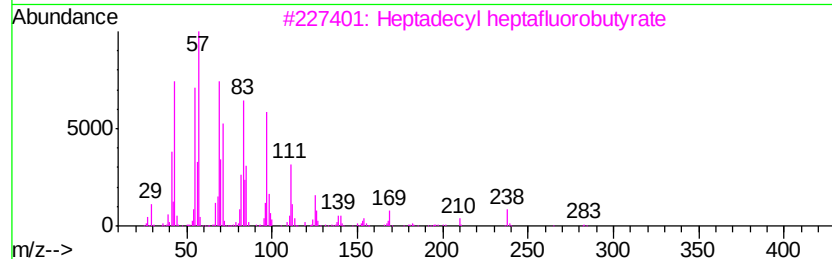
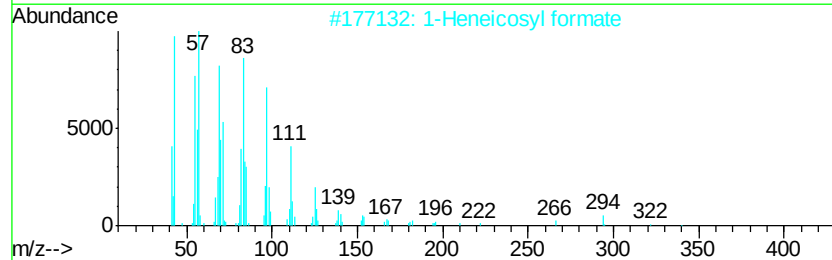
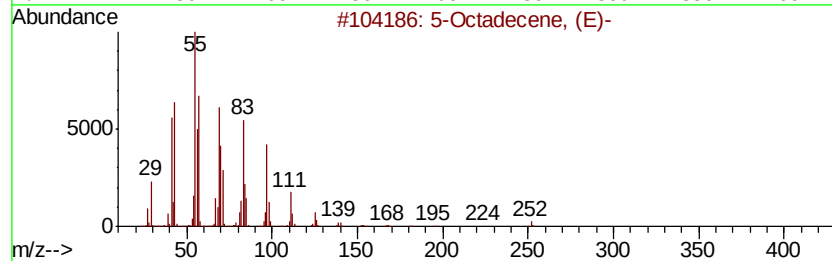
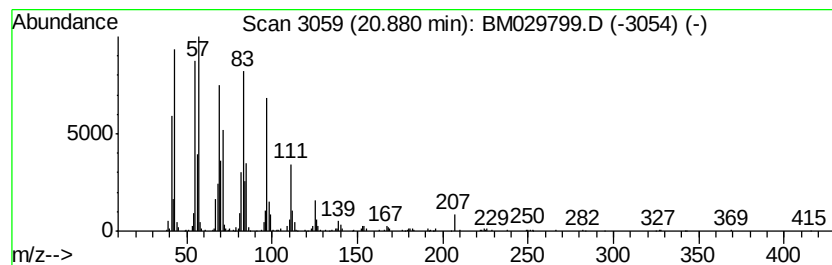
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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.88	5.28 ng/ul	597370	Chrysene-d12	21.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-		252	C18H36	007206-21-5	95
2	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
3	Heptadecyl heptafluorobutyrte		452	C21H35F7O2	959085-66-6	94
4	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	94
5	Trifluoroacetic acid, pentadecyl...		324	C17H31F3O2	959010-23-2	91



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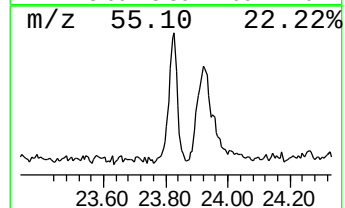
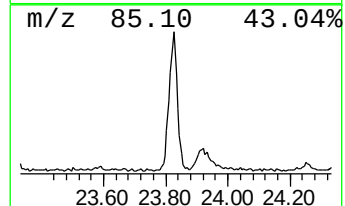
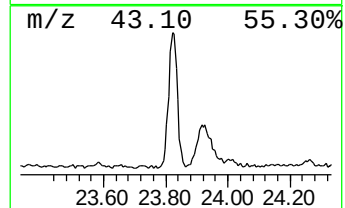
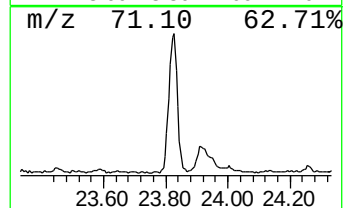
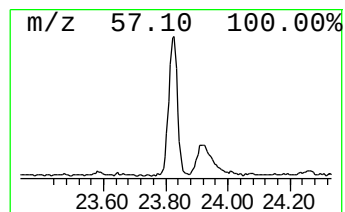
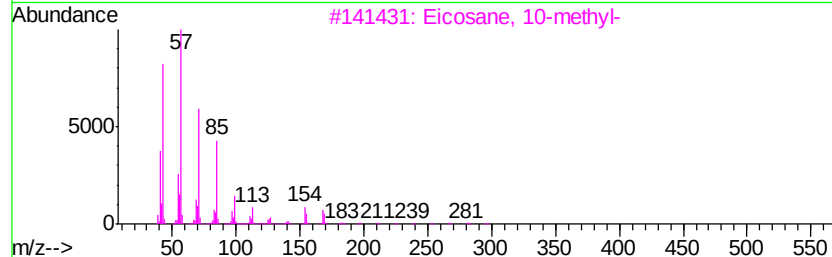
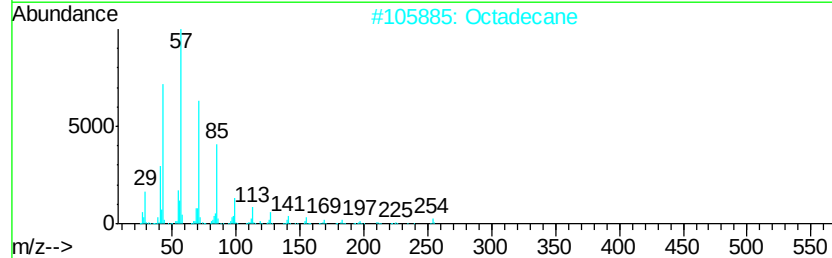
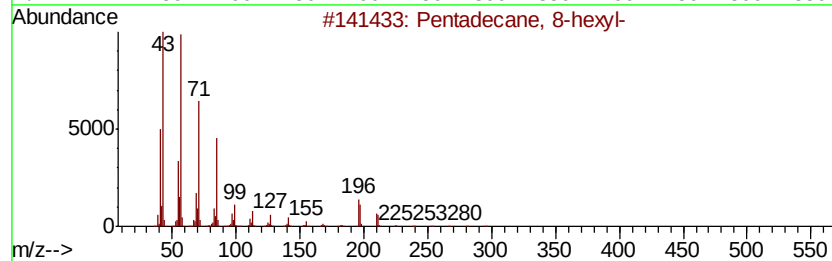
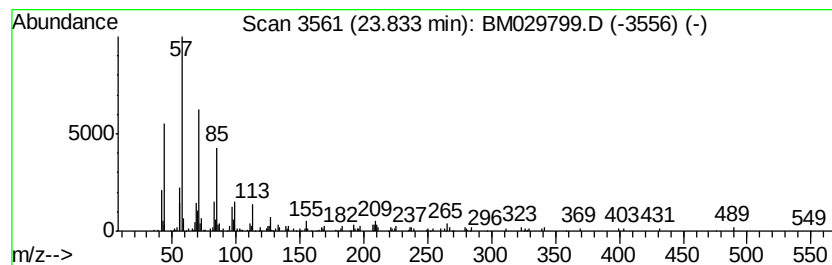
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	2.35 ng/ul	281039	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Octadecane	254	C18H38	000593-45-3	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		triacontane	422	C30H62	000638-68-6	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
n-Hexadecanoic acid	17.87	3.6	ng/ul	330367	4	16.96	1812240	20.0
(DEL) Alkane: Str...	20.88	5.3	ng/ul	597370	5	21.15	2261410	20.0
(DEL) Alkane: Str...	23.83	2.4	ng/ul	281039	6	23.31	2391580	20.0