

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029810.D
 Acq On : 05 May 2021 04:16
 Operator : CG/JU
 Sample : M2121-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG504

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	3.504	103	105	129	rBV	159830	412821	14.04%	1.432%
2	6.751	651	657	675	rBV2	363092	820466	27.91%	2.847%
3	6.916	679	685	696	rBV	271820	487385	16.58%	1.691%
4	7.104	711	717	731	rBV	407178	700431	23.82%	2.430%
5	7.569	789	796	806	rBV	429439	742051	25.24%	2.575%
6	8.281	911	917	935	rBV	416923	801250	27.25%	2.780%
7	8.722	985	992	1015	rBV	339556	658081	22.38%	2.283%
8	9.145	1059	1064	1072	rVB2	10262	17027	0.58%	0.059%
9	9.439	1107	1114	1125	rBV	283619	529108	18.00%	1.836%
10	9.975	1199	1205	1223	rVV	372214	769334	26.17%	2.669%
11	10.116	1226	1229	1237	rVB9	7387	17704	0.60%	0.061%
12	10.339	1260	1267	1277	rBV	594857	1047780	35.64%	3.635%
13	10.492	1286	1293	1316	rBV	319871	774008	26.33%	2.685%
14	11.963	1539	1543	1547	rBV5	3329	6627	0.23%	0.023%
15	13.045	1723	1727	1736	rBV6	9159	17331	0.59%	0.060%
16	13.121	1736	1740	1746	rVB3	6027	10278	0.35%	0.036%
17	13.545	1809	1812	1815	rBV4	2158	3037	0.10%	0.011%
18	13.633	1819	1827	1832	rBV	822458	1189522	40.46%	4.127%
19	13.680	1832	1835	1845	rVB	168718	256797	8.73%	0.891%
20	13.904	1865	1873	1887	rBV	1045942	1544812	52.54%	5.360%
21	14.133	1907	1912	1917	rVB6	6534	10455	0.36%	0.036%
22	14.215	1917	1926	1944	rBV	937765	1373578	46.72%	4.766%
23	14.463	1960	1968	1981	rBV3	52572	209024	7.11%	0.725%
24	14.639	1994	1998	1999	rBV4	2132	3074	0.10%	0.011%
25	14.663	1999	2002	2006	rVB5	5357	7213	0.25%	0.025%
26	14.751	2014	2017	2021	rVB5	3388	4895	0.17%	0.017%
27	14.857	2031	2035	2039	rVB6	5704	8635	0.29%	0.030%
28	14.939	2046	2049	2051	rVB4	3139	4106	0.14%	0.014%
29	15.027	2060	2064	2067	rBV5	3468	3339	0.11%	0.012%
30	15.086	2070	2074	2079	rVB5	6392	8135	0.28%	0.028%
31	15.145	2079	2084	2087	rVB5	1748	3202	0.11%	0.011%
32	15.210	2087	2095	2111	rBV	1227528	1835374	62.43%	6.368%
33	15.345	2113	2118	2133	rVV	215199	376237	12.80%	1.305%
34	15.457	2133	2137	2149	rVB6	16042	32378	1.10%	0.112%

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35	15.904	2205	2213	2217	rBV6	4031	7288	0.25%	0.025%
36	15.945	2217	2220	2226	rVV8	3667	7836	0.27%	0.027%
37	15.998	2226	2229	2234	rVB6	6629	10014	0.34%	0.035%
38	16.115	2244	2249	2253	rBV8	2681	4005	0.14%	0.014%
39	16.204	2259	2264	2270	rVB	10762	18599	0.63%	0.065%
40	16.262	2270	2274	2276	rBV5	2838	3518	0.12%	0.012%
41	16.351	2286	2289	2295	rVB5	3331	4641	0.16%	0.016%
42	16.468	2306	2309	2312	rVB4	2425	3280	0.11%	0.011%
43	16.704	2346	2349	2351	rVV4	3129	3274	0.11%	0.011%
44	16.745	2351	2356	2360	rVV7	4914	9621	0.33%	0.033%
45	16.956	2387	2392	2403	rBV	1014292	1522094	51.77%	5.281%
46	17.056	2403	2409	2426	rVV	1280086	1946067	66.19%	6.752%
47	17.174	2426	2429	2436	rVB8	11667	21101	0.72%	0.073%
48	17.868	2542	2547	2557	rBV	112504	190367	6.47%	0.660%
49	18.162	2594	2597	2600	rBV5	2658	3167	0.11%	0.011%
50	18.627	2671	2676	2679	rVV6	4882	7614	0.26%	0.026%
51	18.992	2735	2738	2743	rBV2	13493	22813	0.78%	0.079%
52	19.156	2761	2766	2777	rBV3	60395	121880	4.15%	0.423%
53	19.245	2777	2781	2786	rVV2	13365	21546	0.73%	0.075%
54	19.356	2794	2800	2815	rVB	1671074	2365331	80.45%	8.207%
55	20.874	3053	3058	3066	rBV	199211	380011	12.93%	1.318%
56	21.144	3099	3104	3115	rBV	1418494	1912433	65.05%	6.635%
57	22.174	3276	3279	3284	rVB2	61453	77628	2.64%	0.269%
58	22.656	3359	3361	3369	rVB2	113956	155085	5.27%	0.538%
59	23.168	3442	3448	3463	rVB	1502219	2940082	100.00%	10.201%
60	23.303	3465	3471	3485	rVB2	1139628	2134942	72.62%	7.407%
61	23.815	3555	3558	3566	rVB	144492	242558	8.25%	0.842%

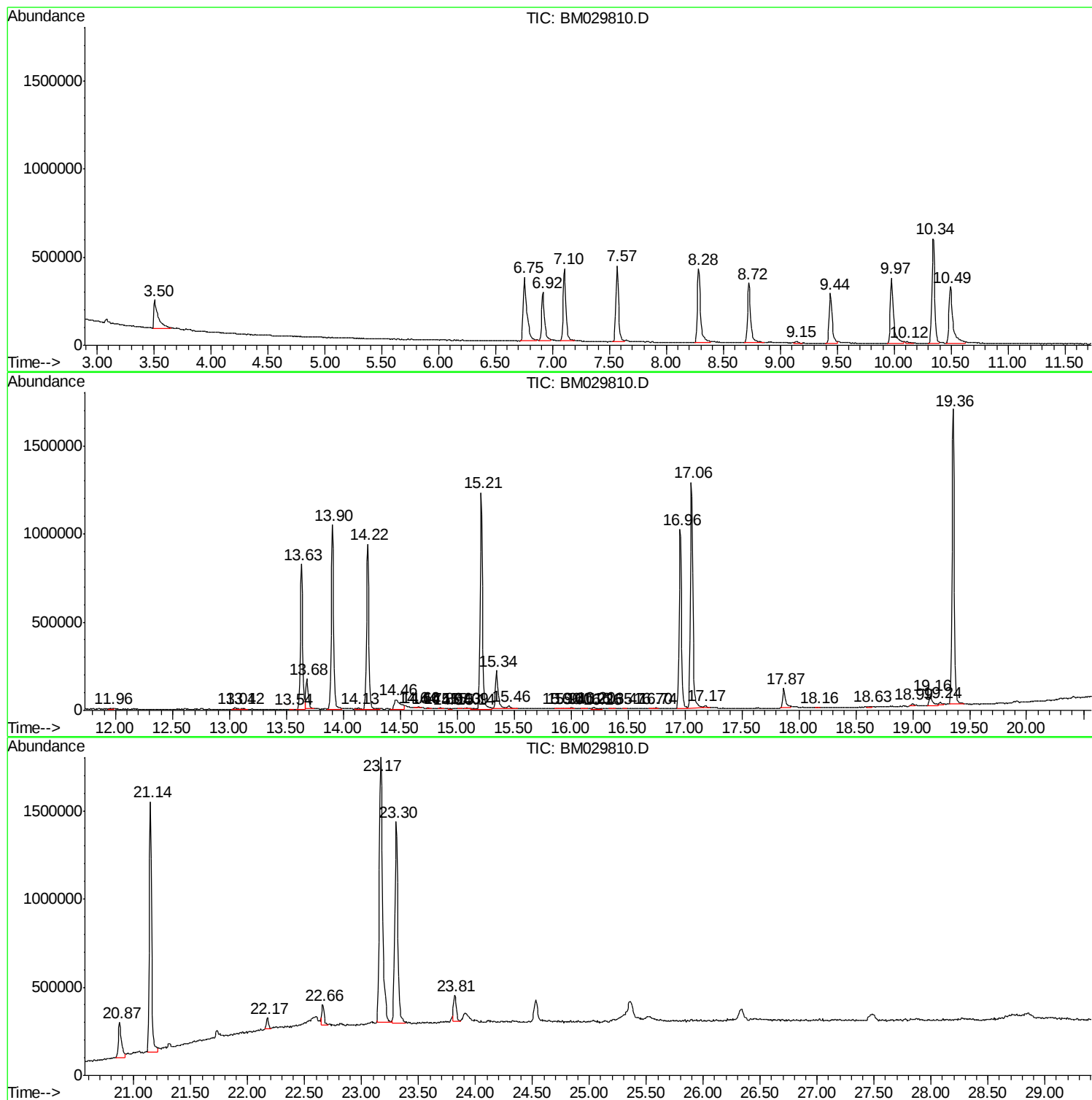
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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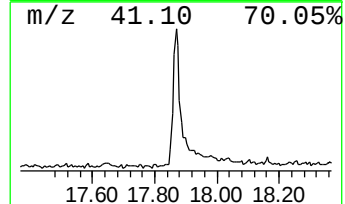
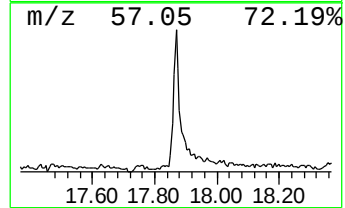
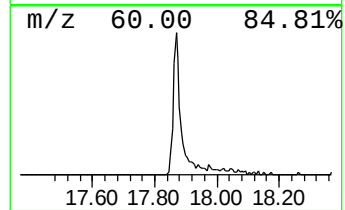
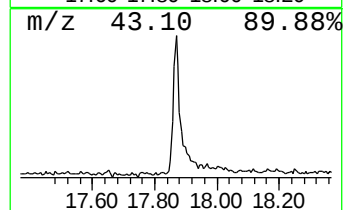
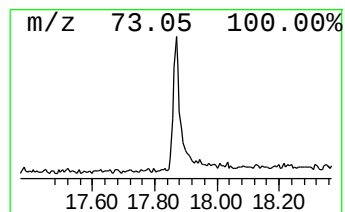
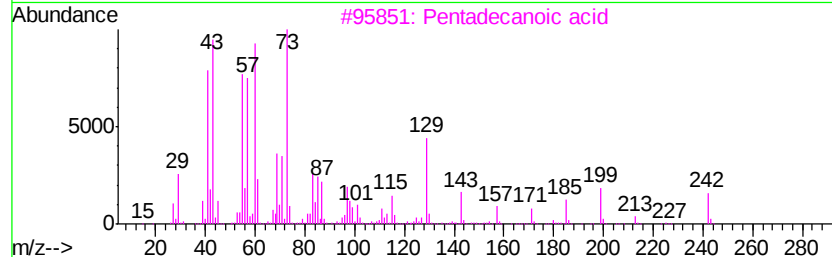
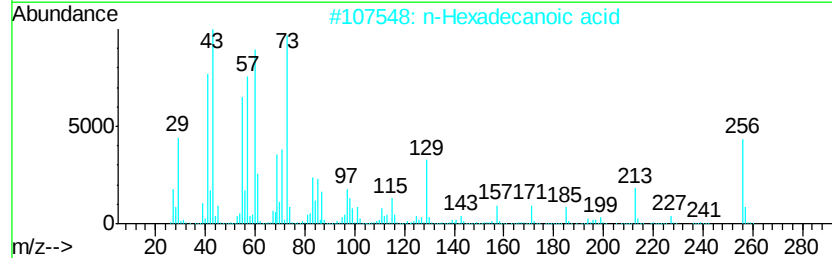
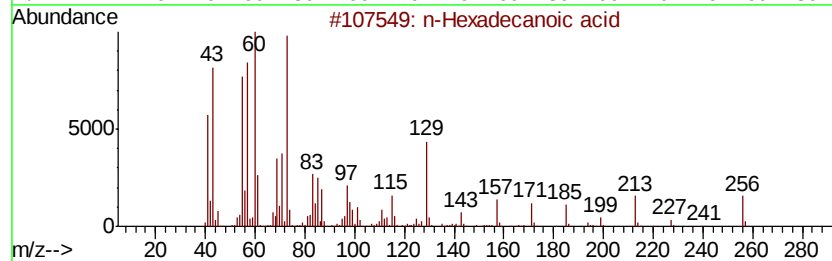
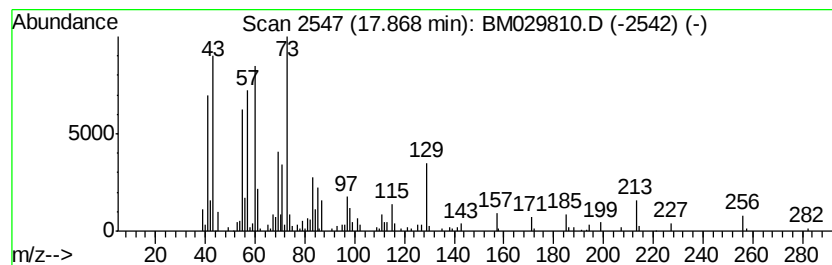
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	2.50 ng/ul	190367	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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	



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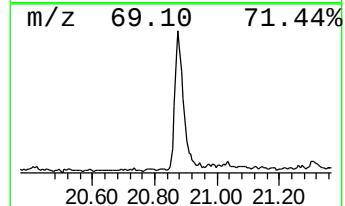
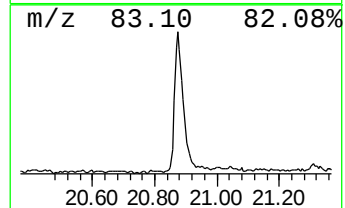
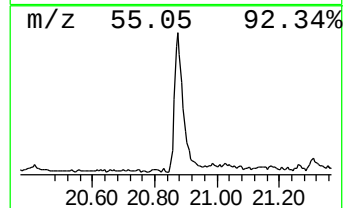
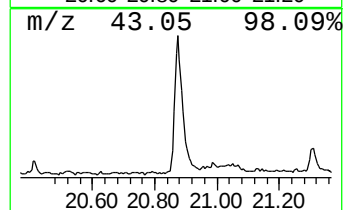
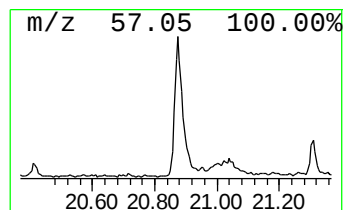
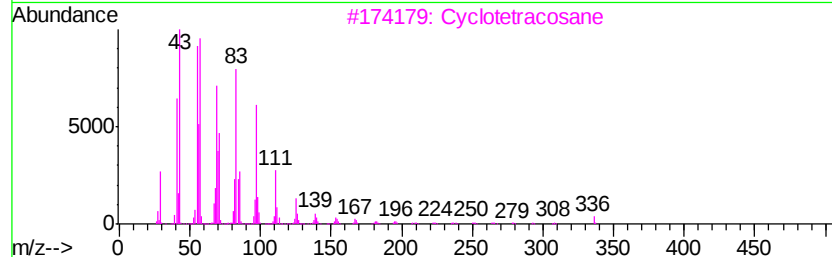
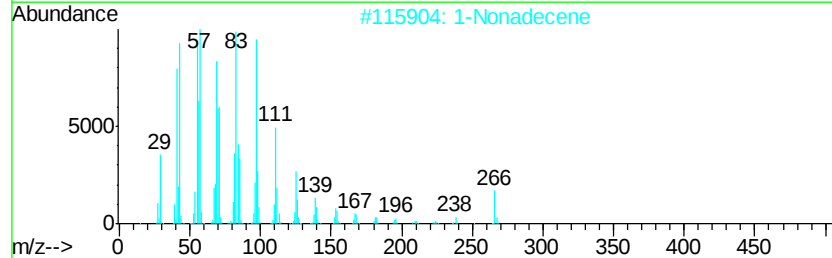
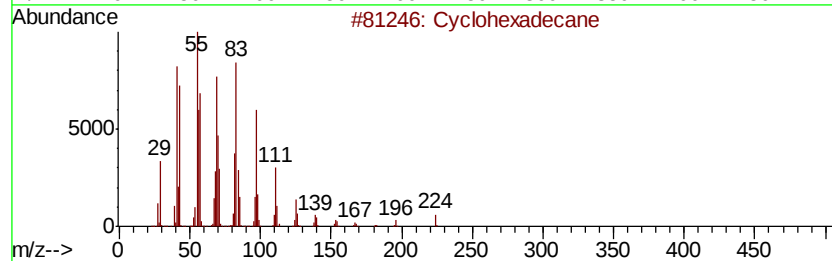
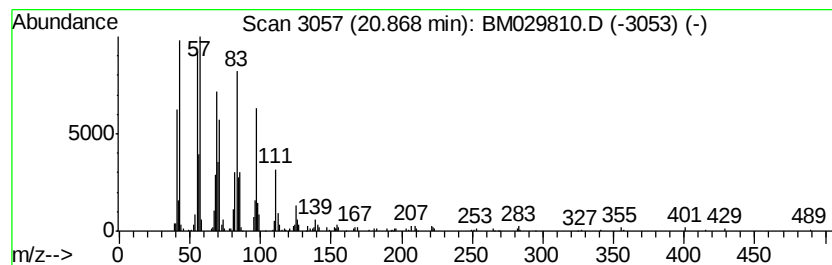
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Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.97 ng/ul	380011	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		1-Nonadecene	266	C19H38	018435-45-5	97
3		Cyclotetracosane	336	C24H48	000297-03-0	95
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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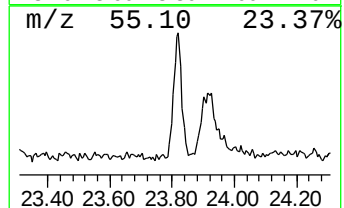
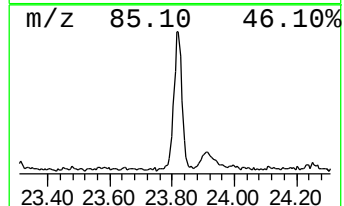
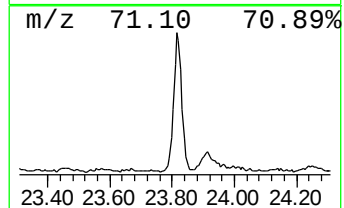
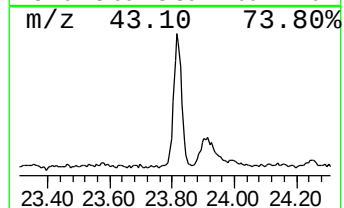
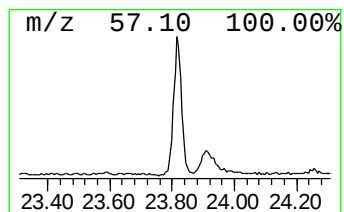
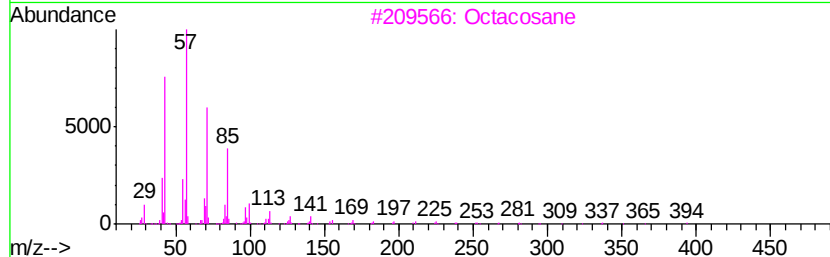
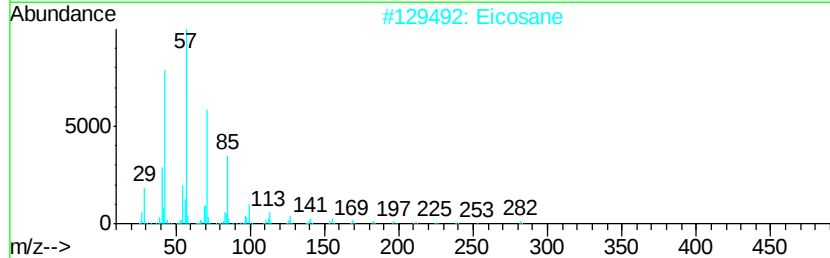
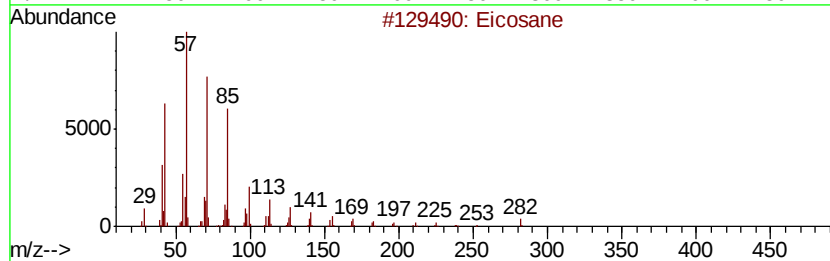
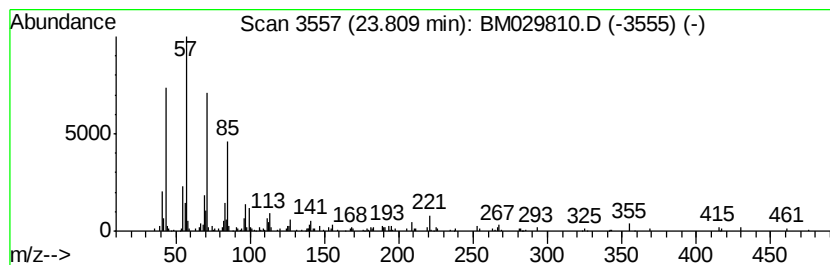
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	2.27 ng/ul	242558	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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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	190367	4	16.96	1522090	20.0
(DEL) Alkane: Cyc...	20.87	4.0	ng/ul	380011	5	21.14	1912430	20.0
(DEL) Alkane: Str...	23.81	2.3	ng/ul	242558	6	23.30	2134940	20.0