

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029811.D
 Acq On : 05 May 2021 04:53
 Operator : CG/JU
 Sample : M2121-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG506

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	42	rVB2	35332	61983	1.75%	0.182%
2	3.493	101	103	128	rBV	251896	586666	16.58%	1.720%
3	6.751	651	657	673	rBV2	461092	999676	28.25%	2.931%
4	6.910	679	684	698	rBV	338778	605021	17.10%	1.774%
5	7.104	711	717	729	rBV	511078	872166	24.65%	2.557%
6	7.569	789	796	805	rBV	461399	790181	22.33%	2.317%
7	8.281	911	917	934	rBV	542883	1003564	28.36%	2.942%
8	8.722	985	992	1006	rBV	436061	807238	22.81%	2.367%
9	8.898	1018	1022	1026	rBV7	3938	5675	0.16%	0.017%
10	9.134	1060	1062	1068	rVB4	8778	15204	0.43%	0.045%
11	9.440	1107	1114	1127	rBV	362756	663071	18.74%	1.944%
12	9.975	1199	1205	1222	rBV	503110	972646	27.49%	2.852%
13	10.339	1260	1267	1280	rBV	654411	1130929	31.96%	3.316%
14	10.492	1286	1293	1329	rBV	387678	930937	26.31%	2.729%
15	11.898	1526	1532	1536	rBV8	2683	5127	0.14%	0.015%
16	11.951	1537	1541	1543	rBV2	5073	6899	0.19%	0.020%
17	12.563	1641	1645	1649	rBV5	2288	4056	0.11%	0.012%
18	12.822	1685	1689	1693	rBV5	3734	4968	0.14%	0.015%
19	13.045	1721	1727	1732	rBV7	7015	13357	0.38%	0.039%
20	13.116	1735	1739	1746	rVB6	7718	11597	0.33%	0.034%
21	13.633	1820	1827	1832	rBV	1010259	1449755	40.97%	4.250%
22	13.680	1832	1835	1844	rVV	168109	252518	7.14%	0.740%
23	13.757	1846	1848	1852	rVB3	3176	3707	0.10%	0.011%
24	13.904	1865	1873	1891	rBV	1287519	1904689	53.82%	5.584%
25	14.133	1908	1912	1917	rVB5	6964	10233	0.29%	0.030%
26	14.216	1919	1926	1939	rVV	987155	1458457	41.21%	4.276%
27	14.298	1939	1940	1945	rVB3	2657	3674	0.10%	0.011%
28	14.451	1960	1966	1980	rBV	117682	385710	10.90%	1.131%
29	14.857	2030	2035	2039	rVB4	5799	7417	0.21%	0.022%
30	15.027	2059	2064	2067	rBV6	5073	8000	0.23%	0.023%
31	15.086	2071	2074	2078	rVB5	7480	9608	0.27%	0.028%
32	15.210	2088	2095	2110	rBV	1513256	2229049	62.99%	6.535%
33	15.345	2113	2118	2132	rVV	366627	589595	16.66%	1.729%
34	15.457	2132	2137	2142	rVB3	17157	28893	0.82%	0.085%

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35	15.592	2157	2160	2161	rVV3	3732	3746	0.11%	0.011%
36	15.639	2164	2168	2173	rVB8	2118	3817	0.11%	0.011%
37	15.892	2209	2211	2216	rVV4	3229	4396	0.12%	0.013%
38	15.951	2217	2221	2226	rVV6	4844	7874	0.22%	0.023%
39	16.004	2226	2230	2234	rVB6	8203	12064	0.34%	0.035%
40	16.104	2243	2247	2252	rBV7	4331	7432	0.21%	0.022%
41	16.204	2261	2264	2268	rVB3	9201	11955	0.34%	0.035%
42	16.357	2287	2290	2294	rBV5	3339	5194	0.15%	0.015%
43	16.639	2335	2338	2343	rVB7	2557	4367	0.12%	0.013%
44	16.704	2343	2349	2353	rBV6	8802	14681	0.41%	0.043%
45	16.904	2377	2383	2385	rBV6	3424	3865	0.11%	0.011%
46	16.957	2387	2392	2403	rVV	1104712	1636265	46.24%	4.797%
47	17.057	2403	2409	2425	rVV2	1586710	2359885	66.69%	6.919%
48	17.174	2425	2429	2441	rVB10	18089	38474	1.09%	0.113%
49	17.645	2506	2509	2514	rVB7	4828	6838	0.19%	0.020%
50	17.868	2542	2547	2556	rBV	115299	197912	5.59%	0.580%
51	18.621	2672	2675	2680	rBV3	10383	13300	0.38%	0.039%
52	18.798	2704	2705	2710	rVB5	5345	6145	0.17%	0.018%
53	18.992	2734	2738	2743	rBV2	17443	27360	0.77%	0.080%
54	19.039	2743	2746	2749	rVB5	7361	9698	0.27%	0.028%
55	19.157	2762	2766	2777	rBV3	49314	97536	2.76%	0.286%
56	19.245	2777	2781	2787	rVB	17755	27062	0.76%	0.079%
57	19.357	2794	2800	2809	rBV	2121733	2860102	80.82%	8.385%
58	19.898	2888	2892	2893	rBV4	10773	13271	0.38%	0.039%
59	20.415	2977	2980	2984	rVB5	19827	23926	0.68%	0.070%
60	20.874	3053	3058	3067	rBV	264242	473715	13.39%	1.389%
61	21.145	3099	3104	3114	rBV	1462692	2030974	57.39%	5.954%
62	21.309	3130	3132	3136	rVB3	36471	30769	0.87%	0.090%
63	22.174	3276	3279	3284	rVB2	86322	98656	2.79%	0.289%
64	22.662	3358	3362	3368	rVB2	120131	173231	4.90%	0.508%
65	23.168	3441	3448	3459	rBV	1812831	3538780	100.00%	10.375%
66	23.303	3465	3471	3485	rVB2	1188609	2240217	63.30%	6.568%
67	23.815	3555	3558	3568	rVB	162892	292895	8.28%	0.859%

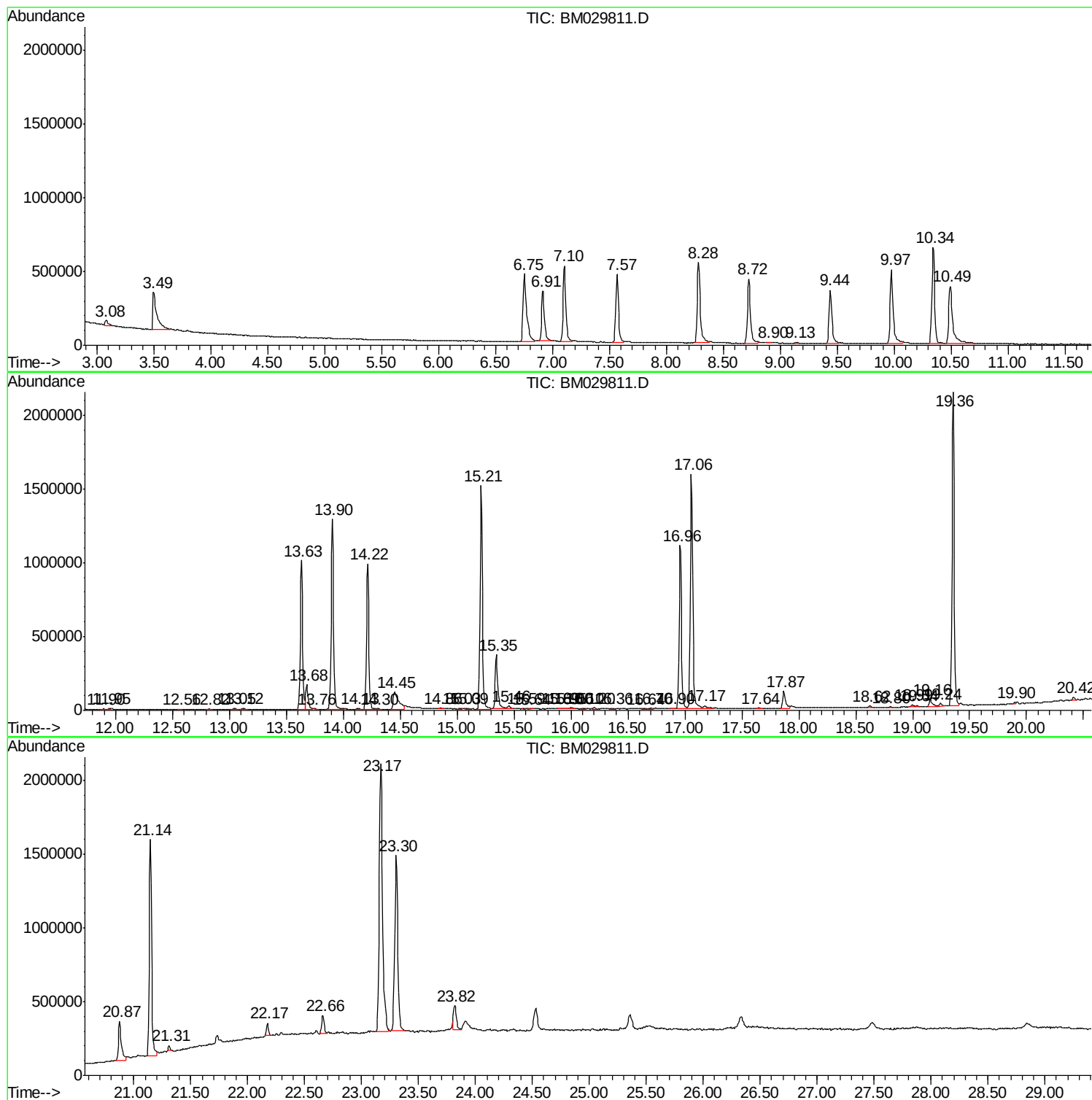
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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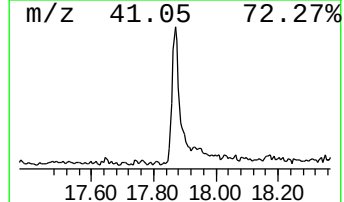
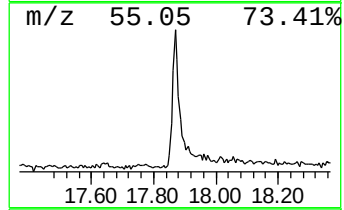
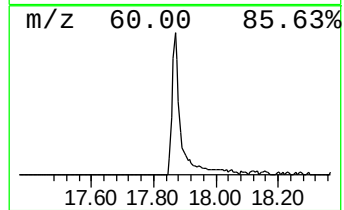
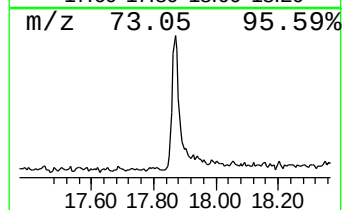
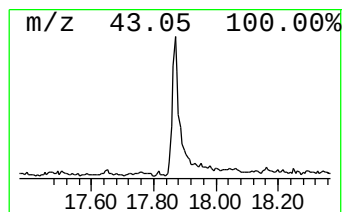
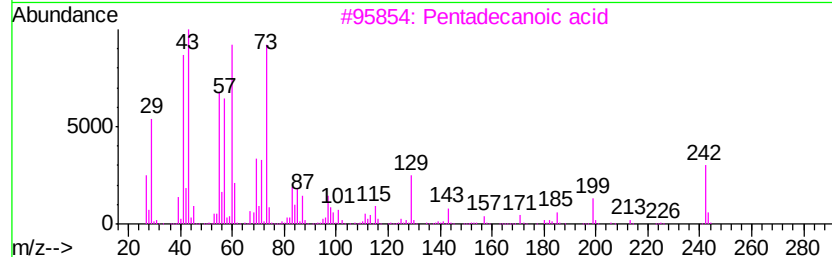
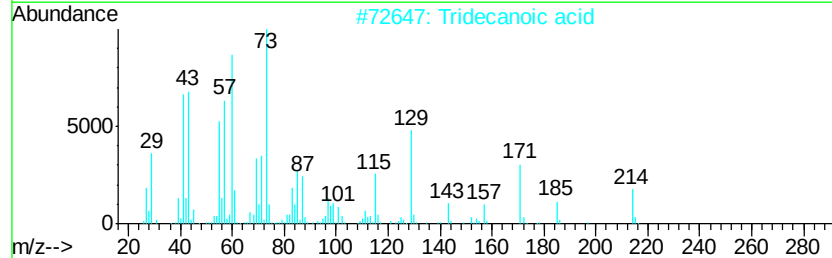
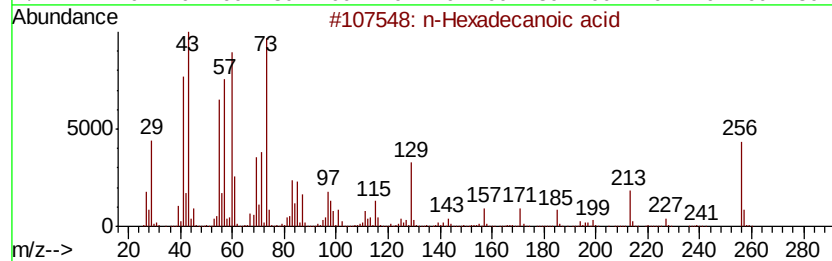
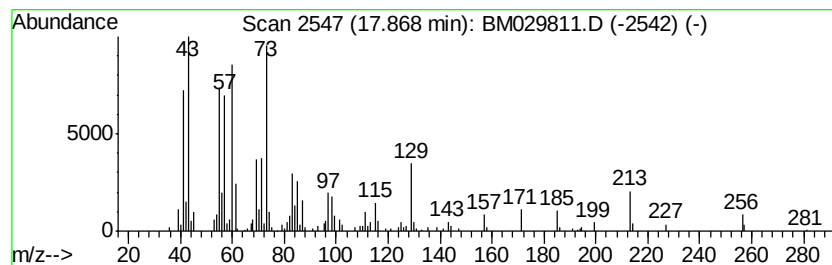
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	2.42 ng/ul	197912	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	80
4	Tridecanoic acid		214	C13H26O2	000638-53-9	76
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	76



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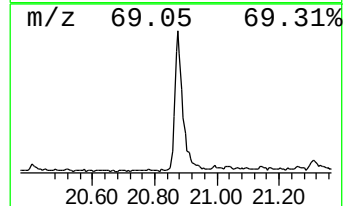
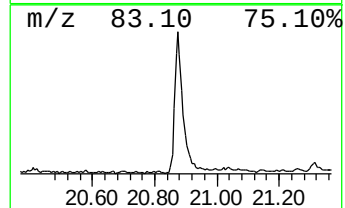
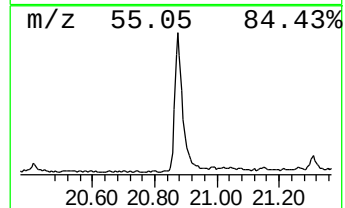
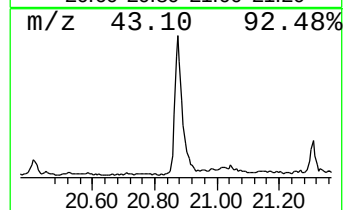
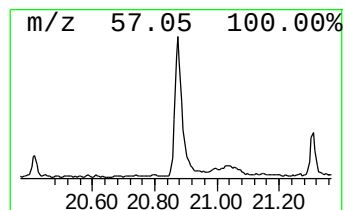
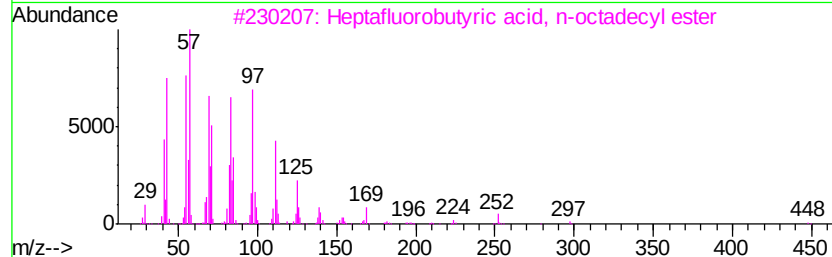
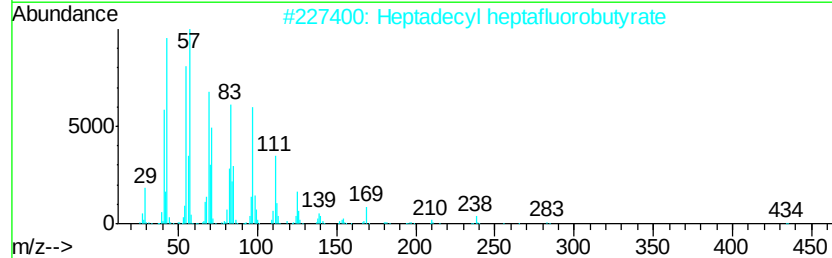
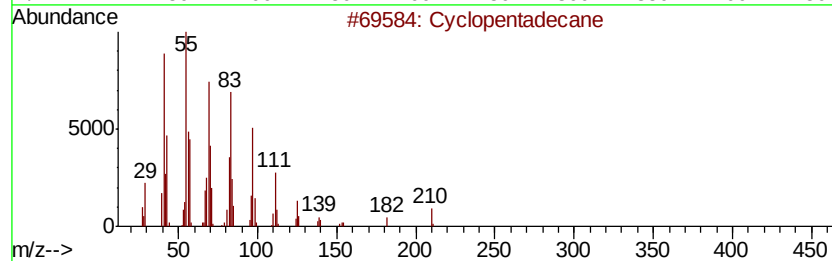
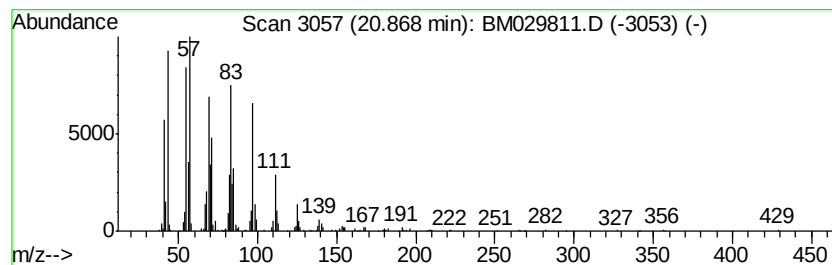
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.66 ng/ul	473715	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	96
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		Cyclotetracosane	336	C24H48	000297-03-0	91



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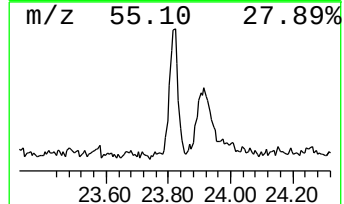
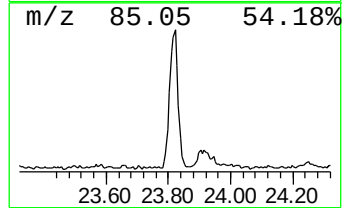
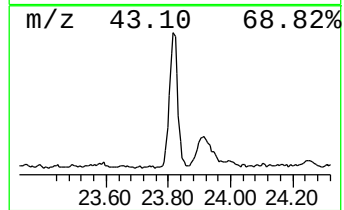
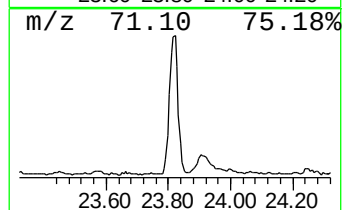
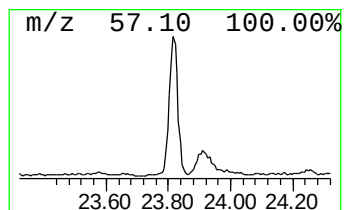
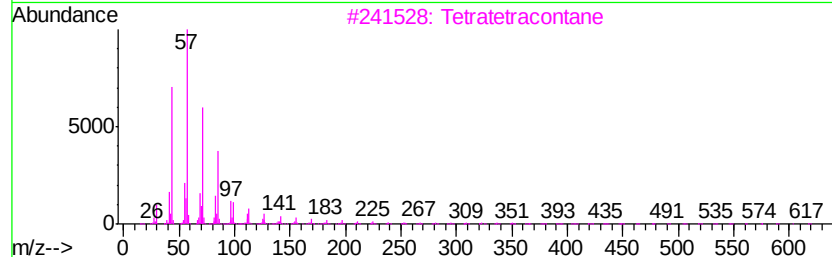
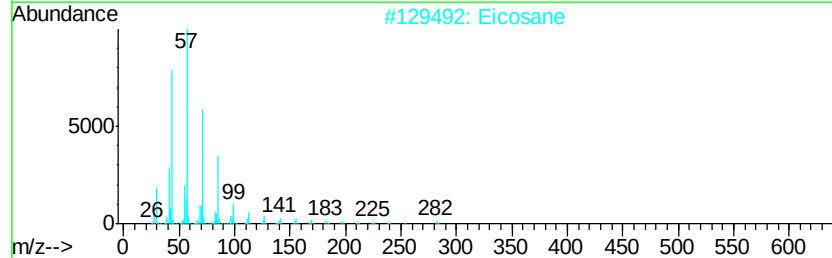
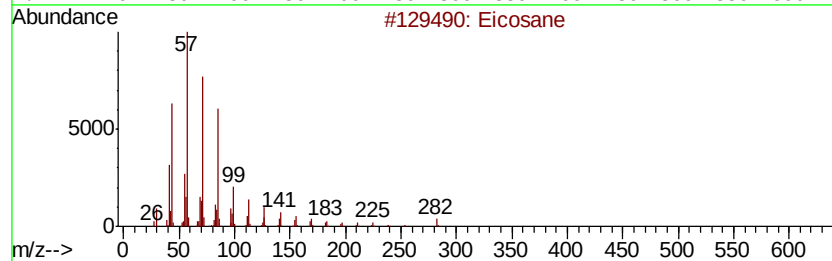
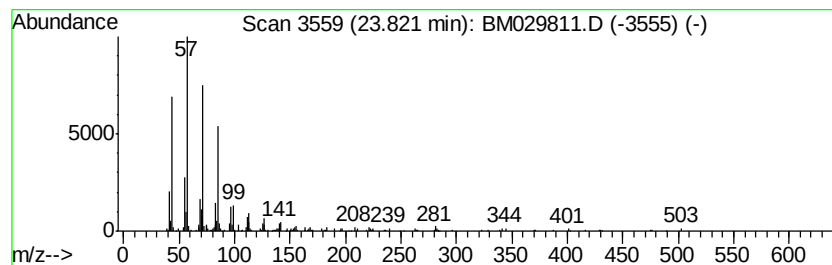
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.61 ng/ul	292895	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	93
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.4	ng/ul	197912	4	16.96	1636270	20.0
(DEL) Alkane: Cyc...	20.87	4.7	ng/ul	473715	5	21.14	2030970	20.0
(DEL) Alkane: Str...	23.82	2.6	ng/ul	292895	6	23.30	2240220	20.0