

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
 Data File : BM030046.D
 Acq On : 15 May 2021 13:02
 Operator : CG/JU
 Sample : M2397-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG1Y5

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-BM050721.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	3.675	131	134	141	rVB3	14211	23800	0.83%	0.090%
2	3.769	146	150	153	rVB4	8610	12647	0.44%	0.048%
3	3.869	165	167	172	rVB5	6369	8429	0.30%	0.032%
4	6.375	591	593	597	rBV3	2020	3203	0.11%	0.012%
5	6.728	648	653	673	rBV	70687	169136	5.93%	0.642%
6	6.881	673	679	697	rBV	297104	573834	20.13%	2.179%
7	7.069	705	711	730	rBV	397580	720995	25.29%	2.738%
8	7.528	783	789	802	rBV	448004	786691	27.60%	2.988%
9	7.881	846	849	856	rBV6	5687	11964	0.42%	0.045%
10	8.251	906	912	929	rBV2	218219	462986	16.24%	1.758%
11	8.687	980	986	1005	rBV	386995	765569	26.85%	2.908%
12	9.098	1053	1056	1061	rVB5	3195	4778	0.17%	0.018%
13	9.404	1102	1108	1127	rBV	321803	636428	22.32%	2.417%
14	9.557	1132	1134	1142	rVB9	2490	5419	0.19%	0.021%
15	9.945	1193	1200	1229	rBV	313804	857968	30.10%	3.258%
16	10.304	1253	1261	1278	rBV	615161	1079642	37.87%	4.100%
17	10.522	1291	1298	1301	rBV9	5480	12127	0.43%	0.046%
18	11.928	1533	1537	1543	rBV7	3918	8107	0.28%	0.031%
19	12.786	1679	1683	1689	rVB6	1606	3168	0.11%	0.012%
20	13.010	1717	1721	1725	rBV6	2566	3560	0.12%	0.014%
21	13.598	1815	1821	1827	rBV	863031	1318006	46.23%	5.006%
22	13.651	1827	1830	1840	rVB	59307	101392	3.56%	0.385%
23	13.869	1860	1867	1880	rBV	1100455	1625479	57.02%	6.173%
24	14.069	1896	1901	1904	rBV7	3858	6526	0.23%	0.025%
25	14.092	1904	1905	1912	rVV6	4450	5911	0.21%	0.022%
26	14.180	1914	1920	1927	rVV	887060	1299093	45.57%	4.934%
27	14.245	1927	1931	1939	rVB	24624	40656	1.43%	0.154%
28	14.492	1966	1973	1974	rBV5	8218	14710	0.52%	0.056%
29	14.633	1993	1997	1999	rBV5	3463	3731	0.13%	0.014%
30	15.021	2059	2063	2065	rBV5	1757	2878	0.10%	0.011%
31	15.051	2065	2068	2070	rVB3	3287	3638	0.13%	0.014%
32	15.180	2083	2090	2108	rBV	1284610	2051387	71.96%	7.791%
33	15.321	2108	2114	2126	rVV	353154	613913	21.53%	2.332%
34	15.421	2129	2131	2138	rVB3	18210	26571	0.93%	0.101%

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35	15.686	2172	2176	2179	rBV4	2520	3210	0.11%	0.012%
36	15.868	2205	2207	2211	rVB6	2487	2948	0.10%	0.011%
37	15.904	2211	2213	2215	rBV3	2462	2916	0.10%	0.011%
38	15.968	2220	2224	2230	rBV7	4670	8626	0.30%	0.033%
39	16.715	2347	2351	2355	rBV6	3752	6376	0.22%	0.024%
40	16.927	2380	2387	2397	rVV	978283	1389488	48.74%	5.277%
41	17.027	2397	2404	2426	rVB	1428525	2195815	77.02%	8.340%
42	17.715	2519	2521	2524	rBV4	2770	3497	0.12%	0.013%
43	17.839	2535	2542	2553	rBV	121346	258447	9.07%	0.982%
44	18.009	2567	2571	2576	rVB6	6219	11855	0.42%	0.045%
45	18.192	2600	2602	2605	rBV4	2983	4138	0.15%	0.016%
46	18.592	2668	2670	2673	rVB4	2763	3021	0.11%	0.011%
47	18.962	2730	2733	2735	rBV	12667	15684	0.55%	0.060%
48	18.998	2735	2739	2747	rVB2	16992	31007	1.09%	0.118%
49	19.127	2756	2761	2771	rBV2	56533	122811	4.31%	0.466%
50	19.215	2773	2776	2779	rVB	12709	18638	0.65%	0.071%
51	19.327	2788	2795	2805	rBV	1784887	2560468	89.81%	9.724%
52	20.845	3049	3053	3062	rBV2	104348	172890	6.06%	0.657%
53	21.121	3094	3100	3110	rBV	1005958	1490942	52.30%	5.662%
54	22.621	3352	3355	3362	rVB2	85641	109342	3.84%	0.415%
55	23.127	3435	3441	3457	rBV2	1430658	2850830	100.00%	10.827%
56	23.268	3458	3465	3476	rVV2	808628	1599874	56.12%	6.076%
57	23.768	3546	3550	3558	rVB	118239	203011	7.12%	0.771%

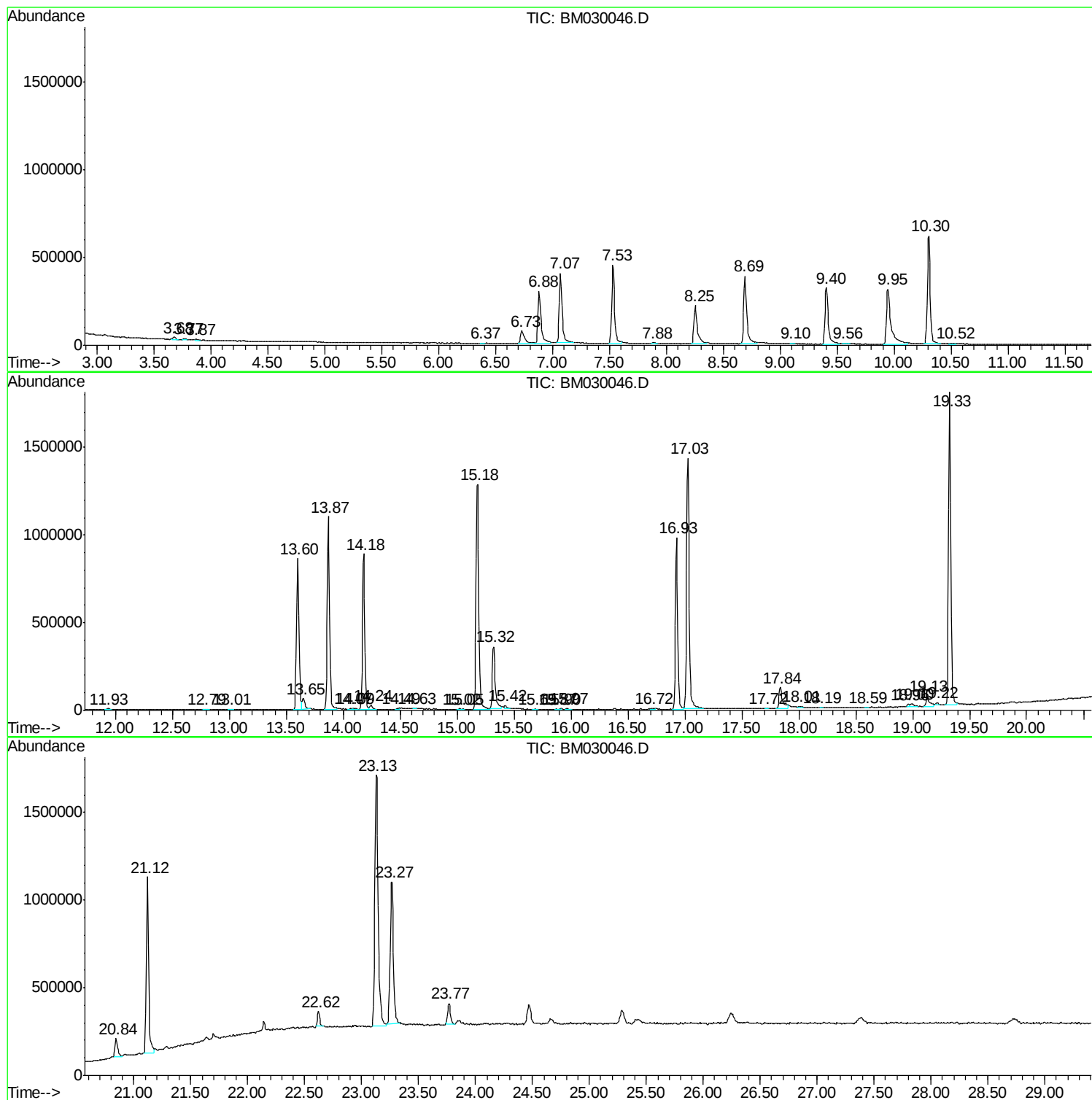
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Quant Title : SVOA CALIBRATION

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



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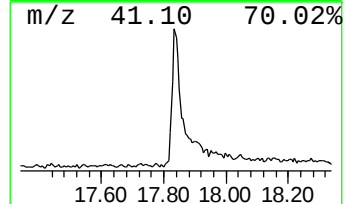
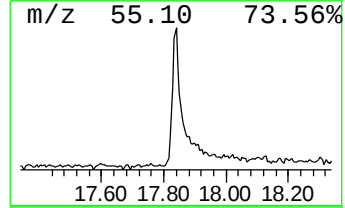
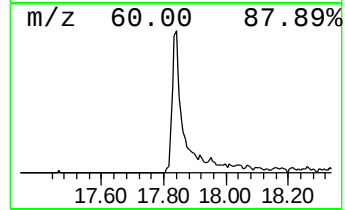
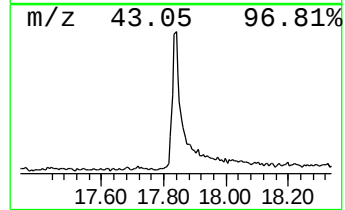
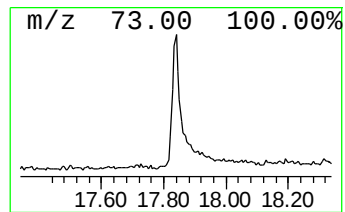
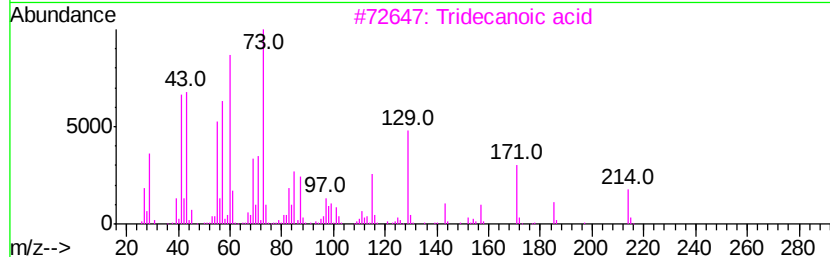
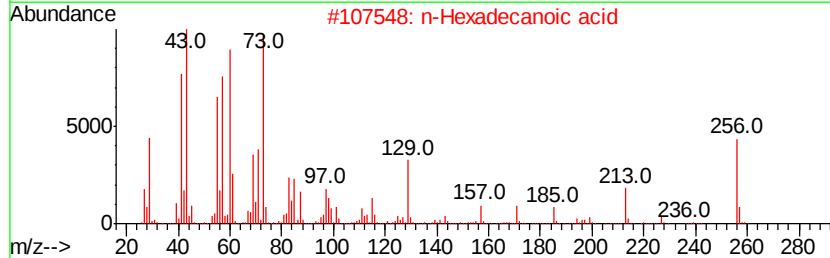
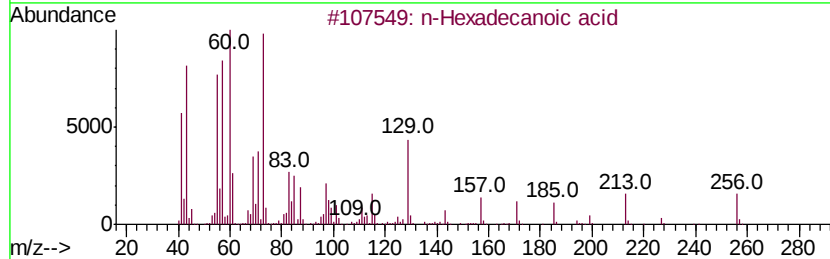
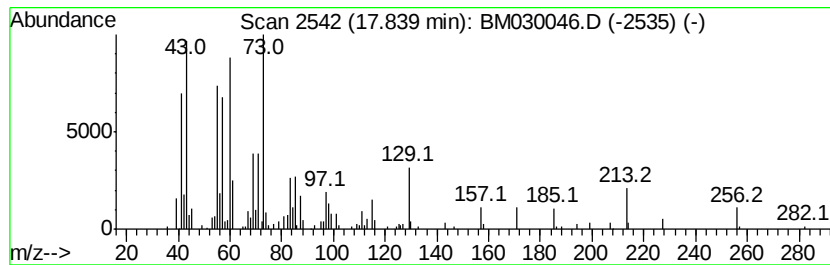
Instrument :
BNA_M
ClientSampleId :
BG1Y5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.84	3.72 ng/ul	258447	Phenanthrene-d10	16.93		
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	93	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	



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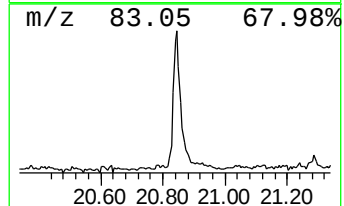
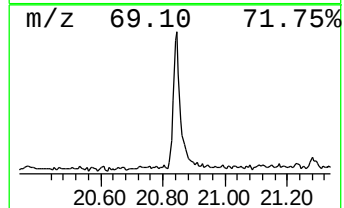
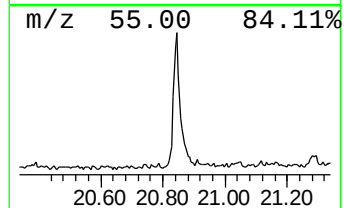
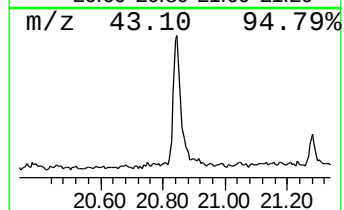
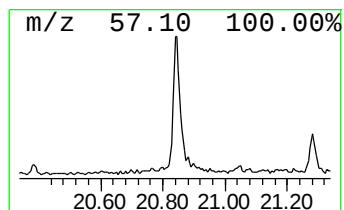
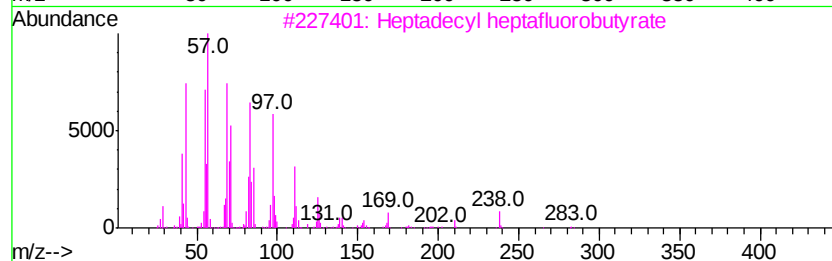
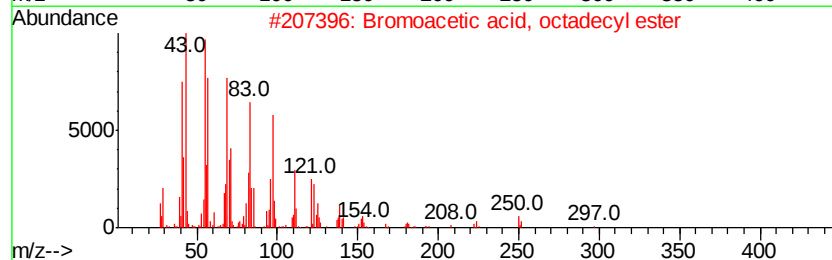
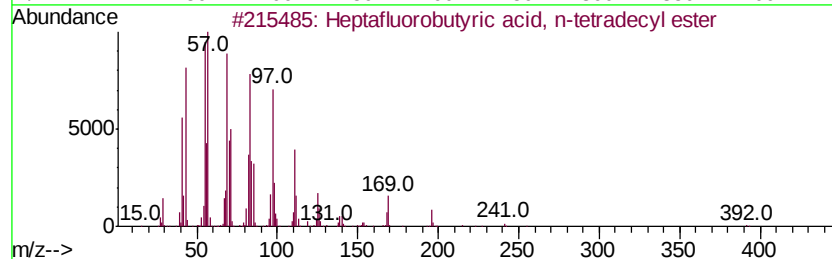
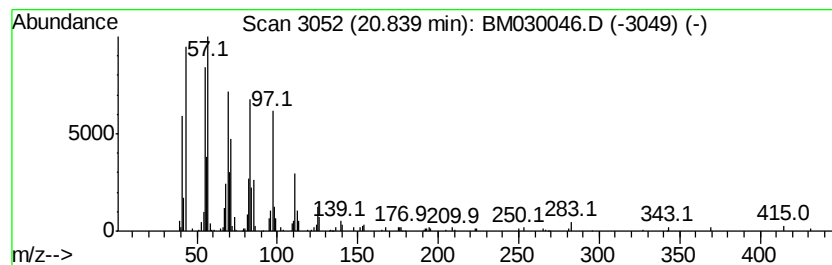
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Peak Number 2 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.32 ng/ul	172890	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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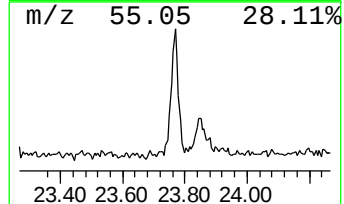
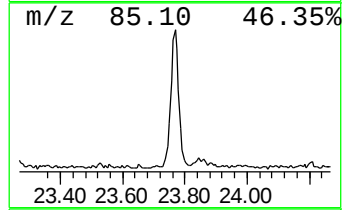
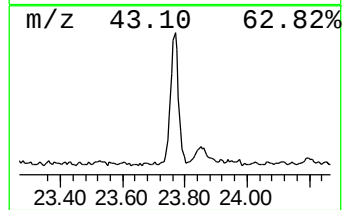
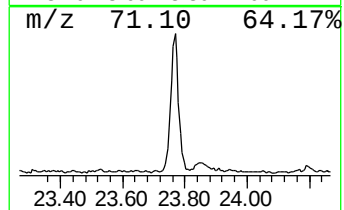
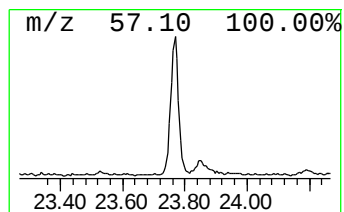
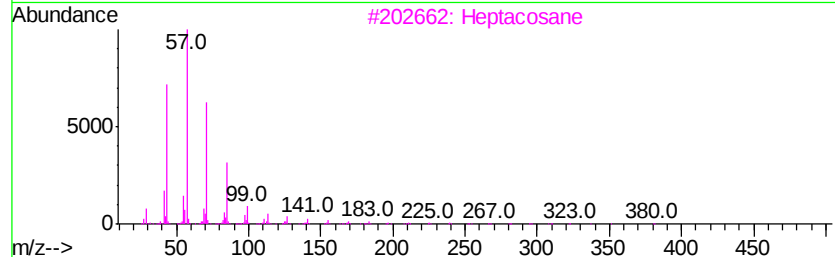
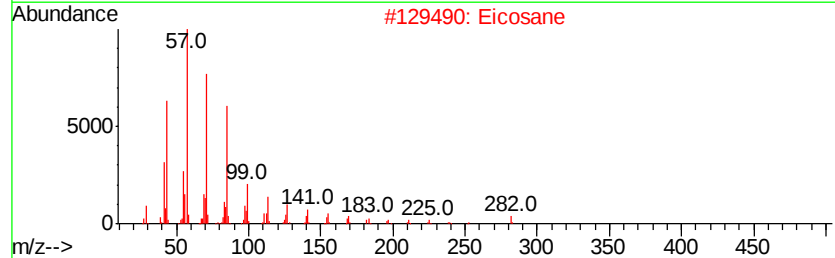
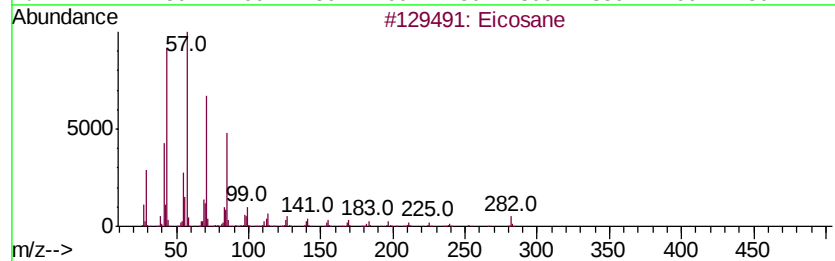
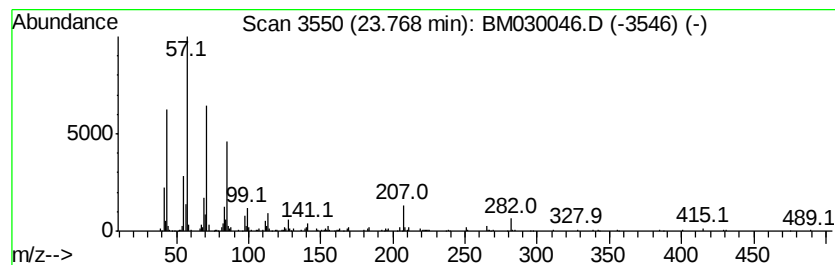
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.77	2.54 ng/ul	203011	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptacosane	380	C27H56	000593-49-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Eicosane	282	C20H42	000112-95-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	3.7	ng/ul	258447	4	16.93	1389490	20.0
Heptafluorobutyri...	20.84	2.3	ng/ul	172890	5	21.12	1490940	20.0
(DEL) Alkane: Str...	23.77	2.5	ng/ul	203011	6	23.27	1599870	20.0