

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023955.D
 Acq On : 28 Nov 2019 16:39
 Operator : JU
 Sample : K5915-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNS6

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-BM112719MA.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	3.040	23	26	31	rVB	52734	66806	0.73%	0.071%
2	3.657	126	131	140	rVB	52146	97965	1.07%	0.105%
3	3.740	141	145	150	rVB	75193	96387	1.05%	0.103%
4	4.646	295	299	304	rBV	52538	80187	0.88%	0.086%
5	6.675	637	644	658	rBV	1059417	1850610	20.24%	1.978%
6	6.834	666	671	686	rBV	853865	1407989	15.40%	1.505%
7	7.022	696	703	717	rBV	1150229	1876295	20.52%	2.006%
8	7.122	717	720	725	rVB7	10245	15089	0.17%	0.016%
9	7.487	775	782	793	rBV	1434208	2298566	25.14%	2.457%
10	7.569	793	796	802	rVB5	9808	15695	0.17%	0.017%
11	8.204	896	904	917	rBV	1332954	2255121	24.66%	2.411%
12	8.316	919	923	929	rVB	62592	102812	1.12%	0.110%
13	8.639	971	978	988	rBV	999436	1717759	18.78%	1.836%
14	9.081	1046	1053	1059	rVB5	14516	26734	0.29%	0.029%
15	9.357	1090	1100	1110	rBV	802891	1419321	15.52%	1.517%
16	9.716	1159	1161	1169	rVB6	5965	13996	0.15%	0.015%
17	9.892	1184	1191	1211	rBV	1301412	2341153	25.60%	2.503%
18	10.257	1244	1253	1262	rBV	2013161	3336373	36.49%	3.567%
19	10.404	1271	1278	1299	rBV	1040062	2056626	22.49%	2.199%
20	11.057	1382	1389	1394	rBV7	4646	12115	0.13%	0.013%
21	11.504	1463	1465	1472	rVB6	5370	9575	0.10%	0.010%
22	11.869	1522	1527	1533	rVV2	19401	34936	0.38%	0.037%
23	13.568	1810	1816	1820	rBV	2769327	3738886	40.89%	3.997%
24	13.616	1820	1824	1833	rVB	1132844	1565556	17.12%	1.674%
25	13.833	1854	1861	1874	rBV	3155347	4565417	49.93%	4.881%
26	14.145	1906	1914	1926	rBV	3259364	4675677	51.13%	4.999%
27	14.374	1947	1953	1973	rBV	731917	1493335	16.33%	1.597%
28	14.598	1985	1991	2004	rVB3	109004	225962	2.47%	0.242%
29	14.974	2052	2055	2056	rBV2	14429	11664	0.13%	0.012%
30	15.033	2061	2065	2068	rVB4	7250	10206	0.11%	0.011%
31	15.145	2078	2084	2099	rBV	4154686	5926602	64.81%	6.336%
32	15.286	2102	2108	2121	rVV	986763	1456510	15.93%	1.557%
33	15.386	2121	2125	2132	rVB	50240	75818	0.83%	0.081%
34	15.586	2156	2159	2166	rBV8	8516	14510	0.16%	0.016%

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35	15.892	2207	2211	2215	rBV7	5568	9401	0.10%	0.010%
36	15.933	2215	2218	2222	rVB6	15129	21379	0.23%	0.023%
37	16.062	2238	2240	2246	rVB6	8160	10245	0.11%	0.011%
38	16.351	2285	2289	2293	rBV5	6071	10321	0.11%	0.011%
39	16.586	2325	2329	2332	rVB5	6932	9596	0.10%	0.010%
40	16.686	2343	2346	2353	rVB3	18343	28858	0.32%	0.031%
41	16.898	2376	2382	2393	rBV	3984395	5582286	61.05%	5.968%
42	16.998	2393	2399	2415	rVV	4683505	6575526	71.91%	7.030%
43	17.115	2415	2419	2424	rVB3	36539	52984	0.58%	0.057%
44	17.321	2449	2454	2459	rBV5	30011	56911	0.62%	0.061%
45	17.598	2498	2501	2504	rBV4	8634	9662	0.11%	0.010%
46	17.692	2513	2517	2523	rBV8	9816	17957	0.20%	0.019%
47	17.821	2534	2539	2555	rBV	339187	608588	6.66%	0.651%
48	17.939	2555	2559	2565	rVB9	13320	28981	0.32%	0.031%
49	18.121	2586	2590	2593	rBV6	12269	14381	0.16%	0.015%
50	18.192	2600	2602	2607	rVB4	19688	22287	0.24%	0.024%
51	18.256	2609	2613	2617	rVV5	23075	30407	0.33%	0.033%
52	18.386	2632	2635	2639	rBV6	10692	13790	0.15%	0.015%
53	18.939	2725	2729	2732	rBV2	51550	66123	0.72%	0.071%
54	19.115	2755	2759	2766	rBV3	105050	179954	1.97%	0.192%
55	19.192	2768	2772	2777	rVB	55575	85935	0.94%	0.092%
56	19.303	2785	2791	2797	rBV2	6189453	8314835	90.93%	8.889%
57	19.886	2888	2890	2894	rVB3	57069	62458	0.68%	0.067%
58	20.386	2973	2975	2978	rVB2	61246	55036	0.60%	0.059%
59	20.850	3049	3054	3061	rBV	905532	1193783	13.05%	1.276%
60	21.103	3092	3097	3106	rBV	4970571	6579185	71.95%	7.034%
61	21.286	3126	3128	3132	rVB	131336	141212	1.54%	0.151%
62	21.709	3196	3200	3211	rBV	675639	1004272	10.98%	1.074%
63	22.150	3272	3275	3280	rBV	258409	306944	3.36%	0.328%
64	22.268	3292	3295	3301	rVB	528075	663099	7.25%	0.709%
65	22.633	3354	3357	3361	rVB	503858	608955	6.66%	0.651%
66	23.115	3433	3439	3445	rBV	5557508	9144408	100.00%	9.776%
67	23.250	3455	3462	3474	rVB	3890451	7135899	78.04%	7.629%

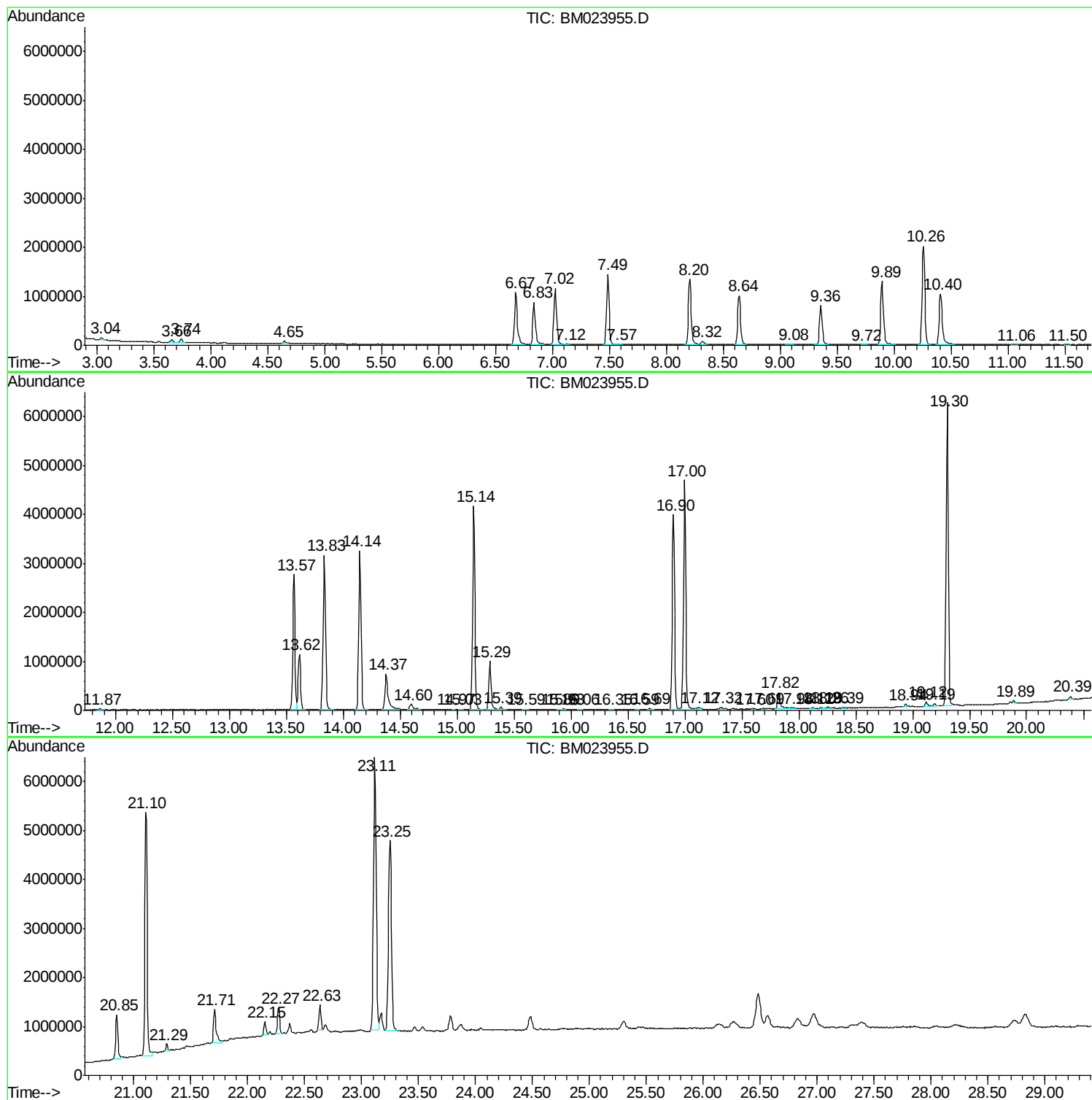
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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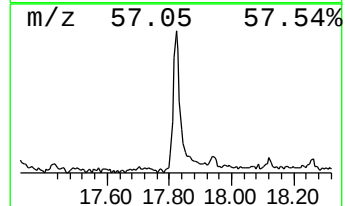
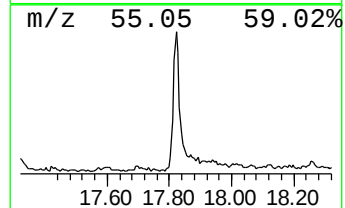
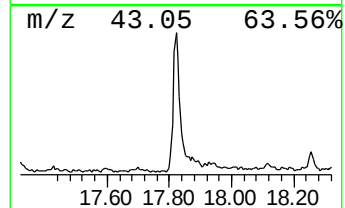
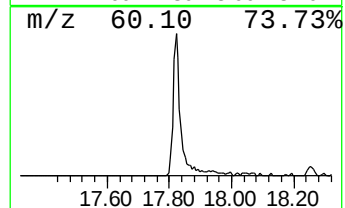
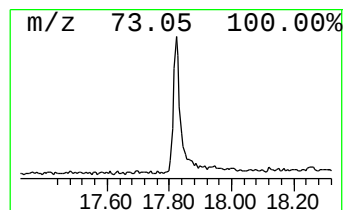
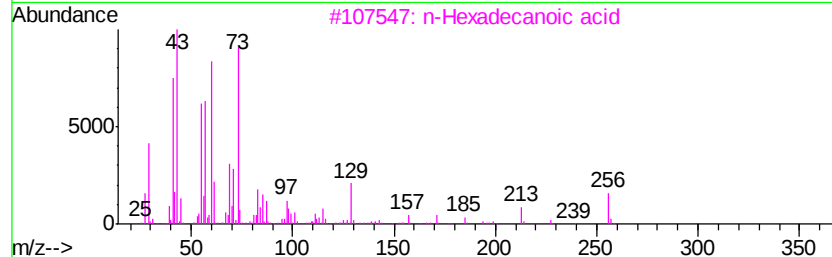
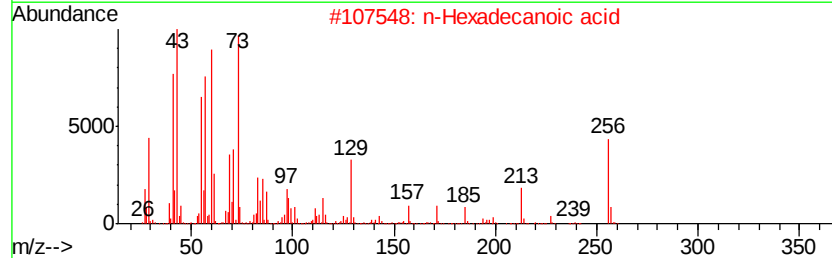
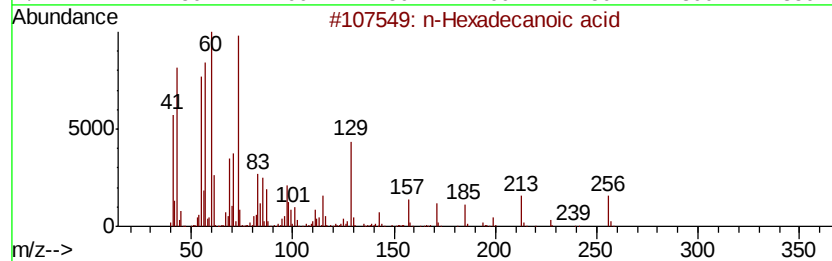
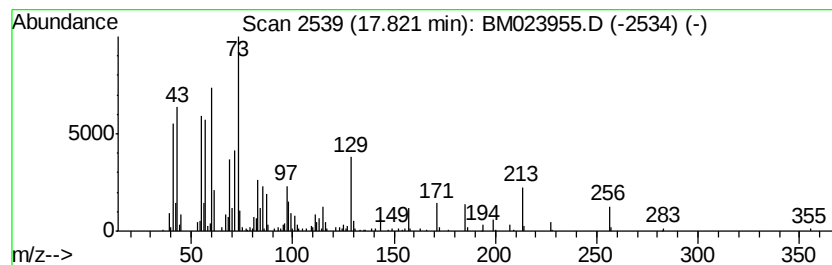
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.18 ng/ul	608588	Phenanthrene-d10	16.90

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	99	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76	



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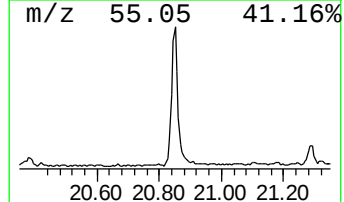
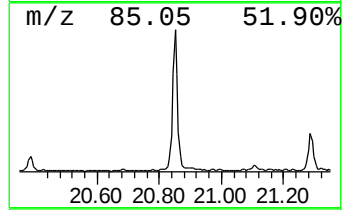
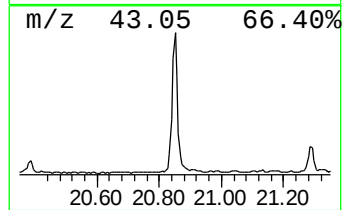
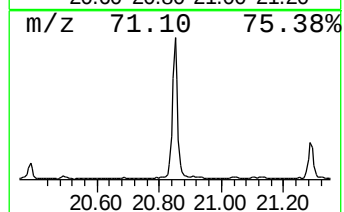
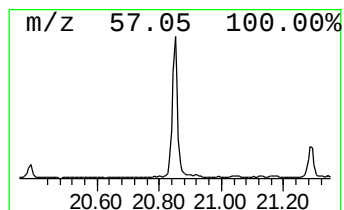
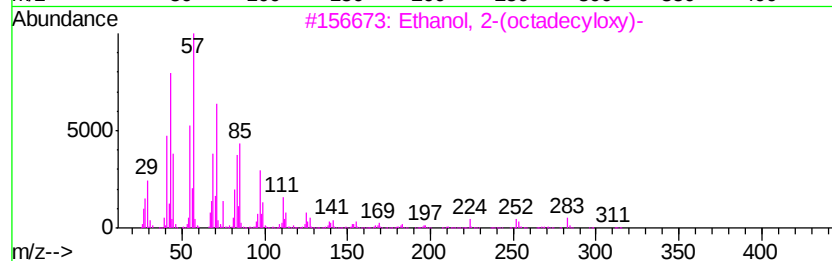
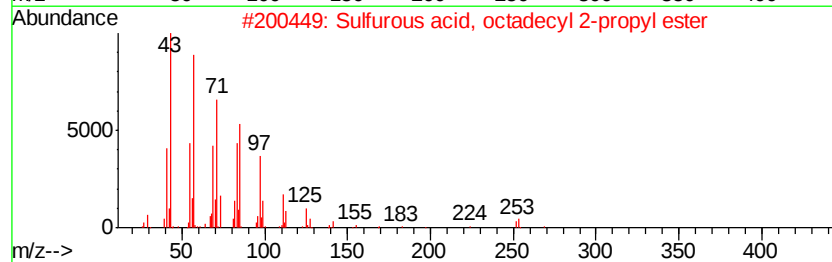
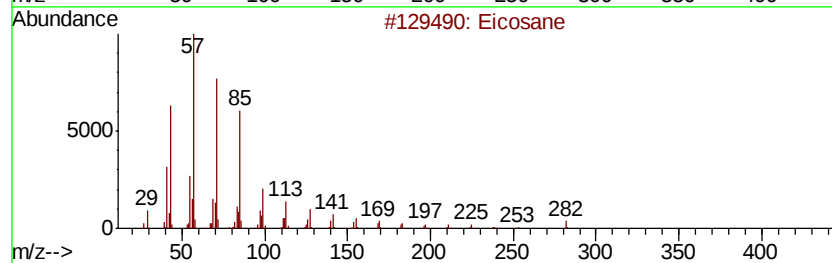
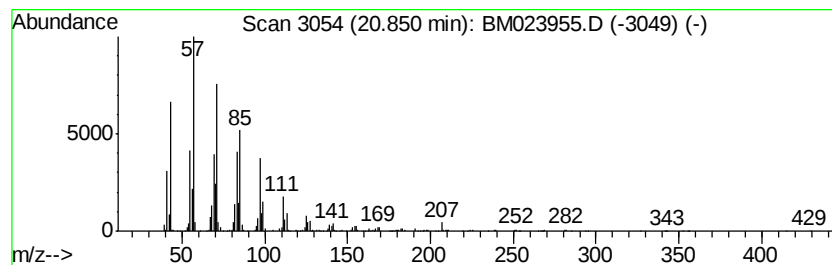
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.85	3.63 ng/ul	1193780	Chrysene-d12	21.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Sulfurous acid, octadecyl 2-prop...		376	C21H44O3S	1000309-12-7	91
3	Ethanol, 2-(octadecyloxy)-		314	C20H42O2	002136-72-3	87
4	Oxalic acid, isobutyl pentadecyl...		356	C21H40O4	1000309-38-0	87
5	Oxalic acid, isobutyl tetradecyl...		342	C20H38O4	1000309-37-9	83



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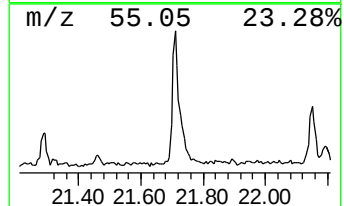
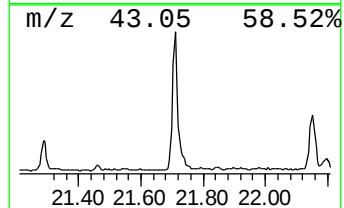
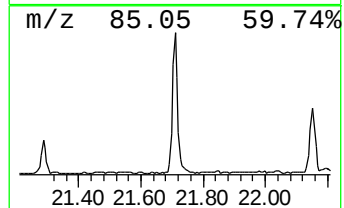
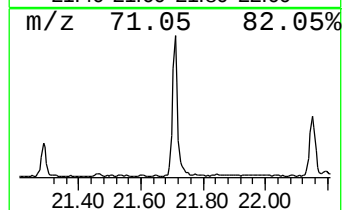
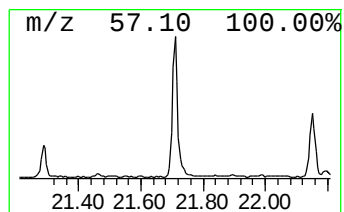
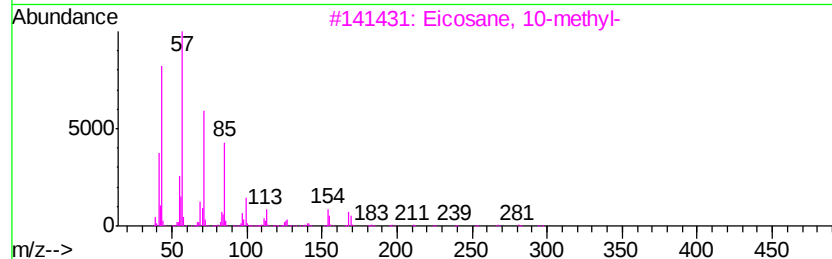
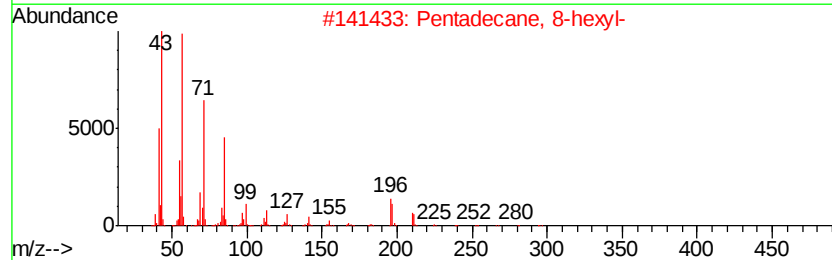
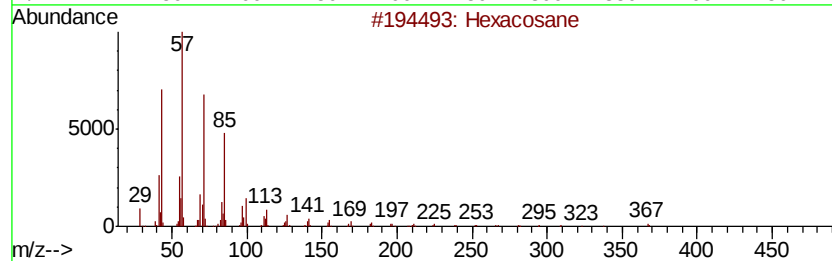
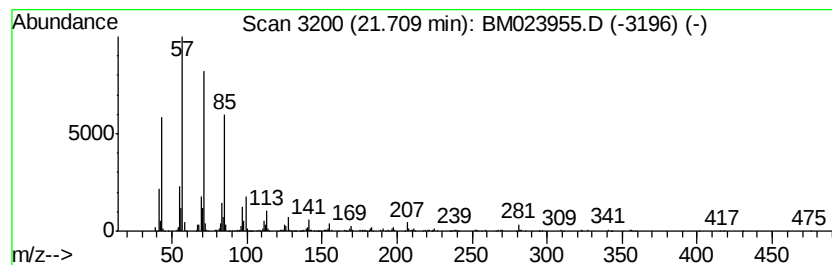
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	3.05 ng/ul	1004270	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	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	17.82	2.2	ng/ul	608588	4	16.90	5582290	20.0
(DEL) Alkane: Str...	20.85	3.6	ng/ul	1193780	5	21.10	6579190	20.0
(DEL) Alkane: Str...	21.71	3.0	ng/ul	1004270	5	21.10	6579190	20.0