

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019874.D
 Acq On : 10 Apr 2019 21:31
 Operator : JU/SJ
 Sample : K2303-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF887

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-BM032219MA.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	3.110	18	21	34	rVB	37892	66164	2.57%	0.244%
2	6.116	526	532	535	rBV4	2265	6386	0.25%	0.024%
3	6.745	632	639	659	rBV	309742	697151	27.07%	2.570%
4	6.904	661	666	685	rBV	273536	508914	19.76%	1.876%
5	7.087	690	697	713	rVB	429877	738648	28.68%	2.723%
6	7.545	769	775	785	rBV	411983	693137	26.92%	2.555%
7	8.269	892	898	919	rBV	422622	846803	32.88%	3.121%
8	8.722	968	975	990	rBV	342325	647109	25.13%	2.385%
9	9.034	1024	1028	1032	rBV	15321	19544	0.76%	0.072%
10	9.434	1090	1096	1113	rBV	295184	548850	21.31%	2.023%
11	9.975	1181	1188	1214	rBV	350308	853577	33.15%	3.146%
12	10.328	1241	1248	1260	rBV	593552	994407	38.61%	3.666%
13	10.504	1271	1278	1294	rBV	302370	771265	29.95%	2.843%
14	11.957	1519	1525	1526	rBV3	3499	5872	0.23%	0.022%
15	13.004	1700	1703	1705	rBV2	2518	3008	0.12%	0.011%
16	13.633	1804	1810	1815	rBV	825292	1219027	47.34%	4.494%
17	13.680	1815	1818	1829	rVB	147956	248734	9.66%	0.917%
18	13.904	1849	1856	1868	rBV	1045206	1531129	59.46%	5.644%
19	14.210	1902	1908	1922	rVV2	800839	1251232	48.59%	4.612%
20	14.510	1954	1959	1980	rBV2	82113	341370	13.26%	1.258%
21	14.998	2040	2042	2046	rVB	3849	4812	0.19%	0.018%
22	15.057	2046	2052	2055	rBV3	3970	5912	0.23%	0.022%
23	15.215	2072	2079	2094	rBV	1243265	1876611	72.87%	6.918%
24	15.380	2102	2107	2117	rBV	166044	299441	11.63%	1.104%
25	15.457	2117	2120	2127	rVB3	17417	25328	0.98%	0.093%
26	15.915	2195	2198	2202	rVB4	3721	3840	0.15%	0.014%
27	16.004	2210	2213	2220	rVB4	4379	5828	0.23%	0.021%
28	16.651	2318	2323	2325	rBV3	1641	3144	0.12%	0.012%
29	16.768	2341	2343	2347	rVB3	2237	2780	0.11%	0.010%
30	16.974	2372	2378	2389	rBV	1024553	1412465	54.85%	5.207%
31	17.074	2389	2395	2413	rVV2	1300584	1957523	76.01%	7.216%
32	17.515	2465	2470	2471	rBV4	2556	3971	0.15%	0.015%
33	17.745	2503	2509	2514	rVV7	5354	9798	0.38%	0.036%
34	17.868	2524	2530	2542	rBV	218663	369692	14.36%	1.363%

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35	18.086	2563	2567	2568	rBV3	2721	3597	0.14%	0.013%
36	18.256	2595	2596	2599	rVB3	5176	3604	0.14%	0.013%
37	18.286	2599	2601	2605	rVB3	3668	4276	0.17%	0.016%
38	18.386	2613	2618	2620	rVB5	3434	4735	0.18%	0.017%
39	18.539	2641	2644	2645	rBV2	3634	2962	0.12%	0.011%
40	18.668	2663	2666	2671	rVB4	4670	6889	0.27%	0.025%
41	19.021	2720	2726	2729	rBV	21077	38874	1.51%	0.143%
42	19.127	2742	2744	2745	rBV2	3810	2705	0.11%	0.010%
43	19.156	2745	2749	2759	rBV2	71763	130400	5.06%	0.481%
44	19.280	2766	2770	2772	rBV2	7633	8426	0.33%	0.031%
45	19.386	2782	2788	2797	rBV	1616038	2232888	86.71%	8.231%
46	19.903	2872	2876	2881	rBV8	16694	29060	1.13%	0.107%
47	20.886	3039	3043	3050	rBV	399794	538725	20.92%	1.986%
48	21.186	3089	3094	3103	rBV	1179930	1605070	62.33%	5.917%
49	22.186	3261	3264	3269	rBV	105433	126028	4.89%	0.465%
50	22.674	3344	3347	3353	rVB	145215	207875	8.07%	0.766%
51	23.244	3436	3444	3457	rVB2	1278876	2575188	100.00%	9.493%
52	23.391	3463	3469	3483	rVB	863743	1633628	63.44%	6.022%

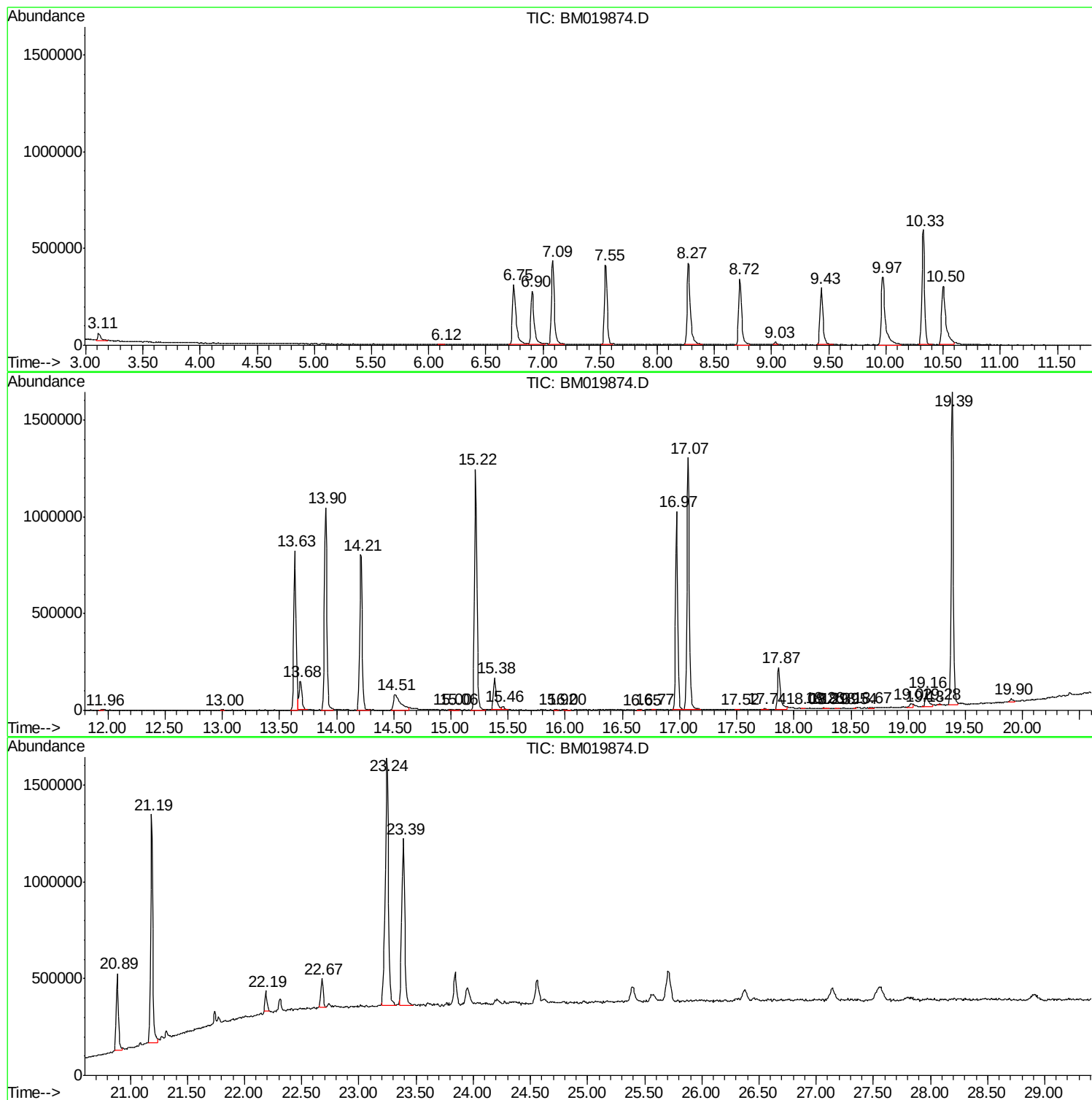
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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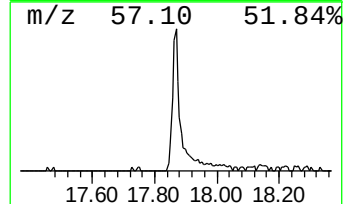
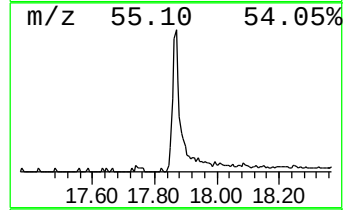
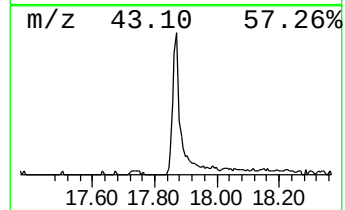
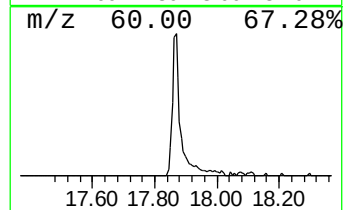
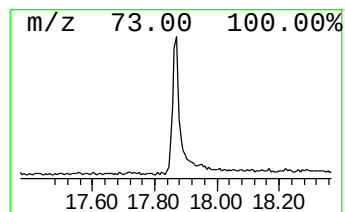
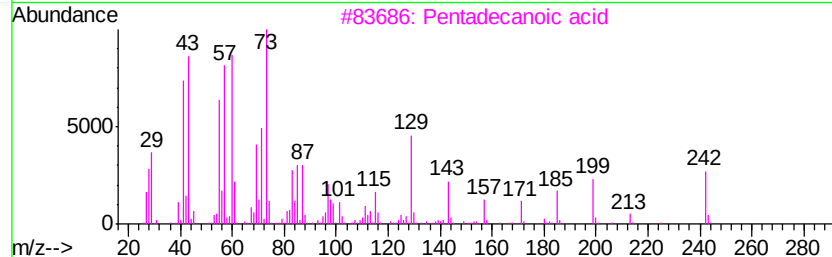
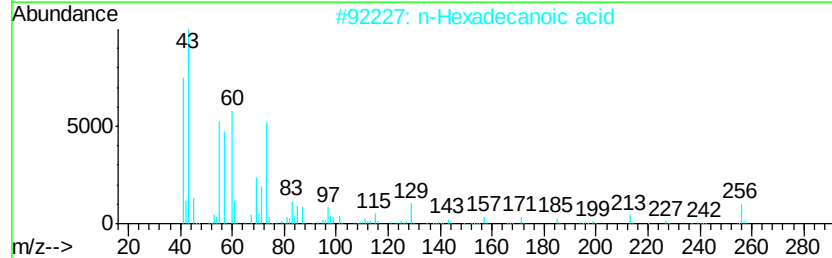
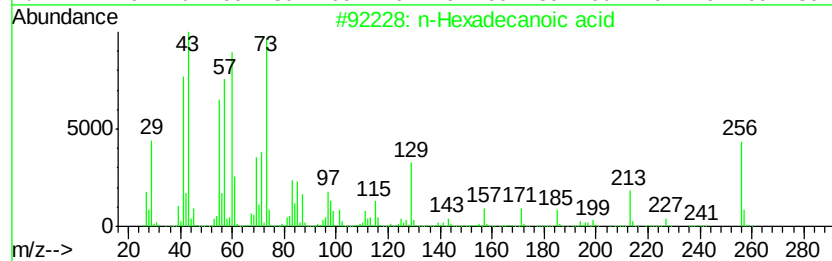
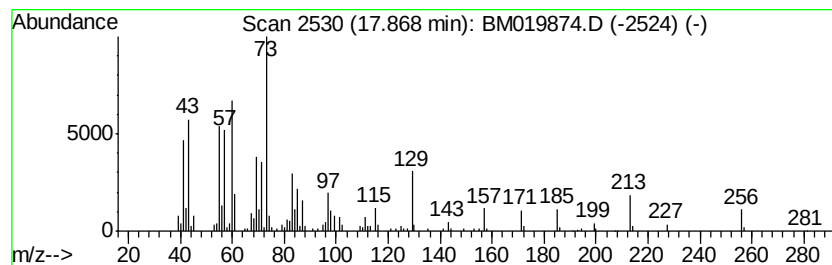
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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	5.23 ng/ul	369692	Phenanthrene-d10	16.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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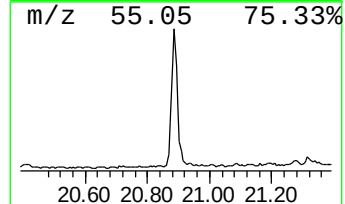
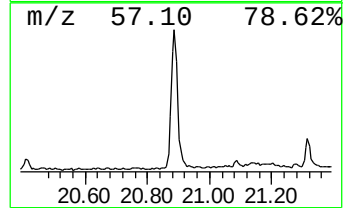
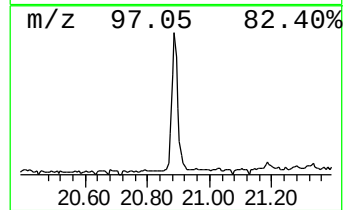
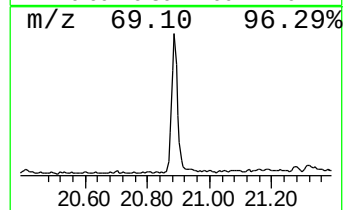
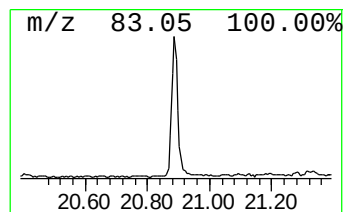
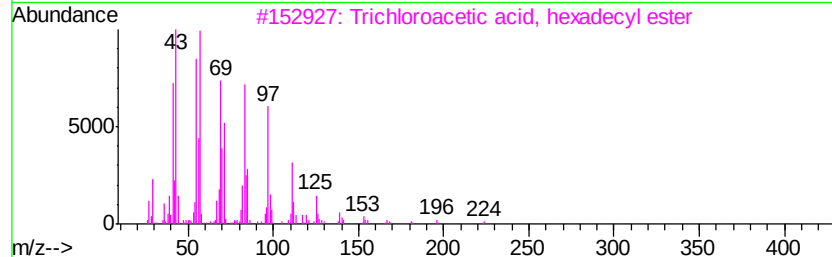
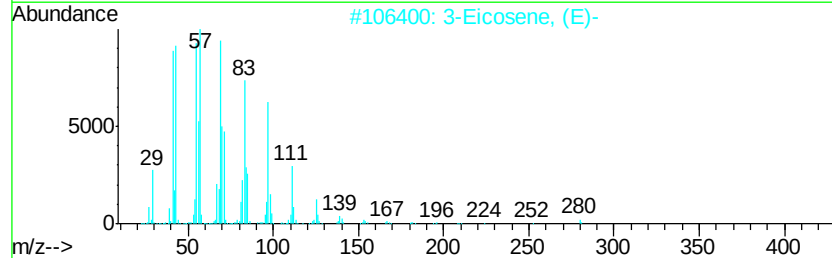
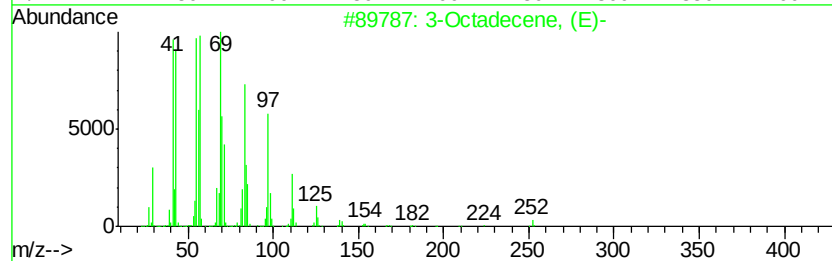
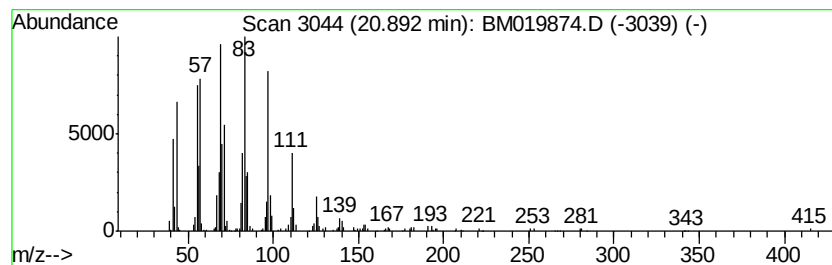
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Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.71 ng/ul	538725	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	76
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	74



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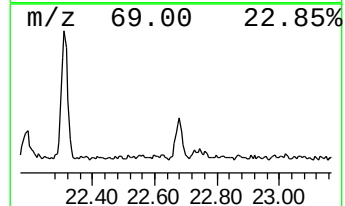
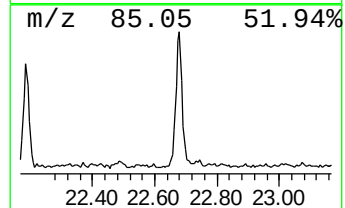
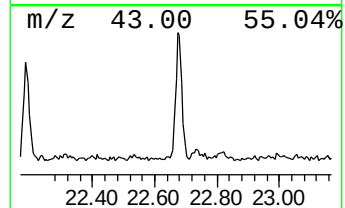
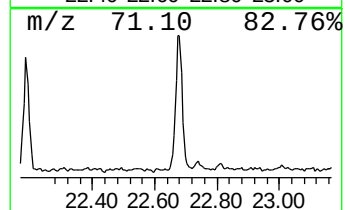
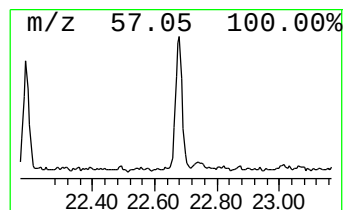
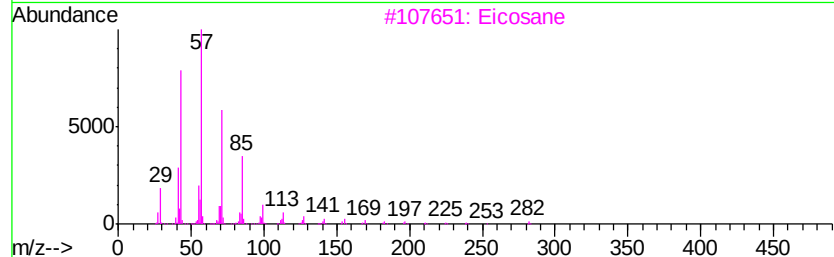
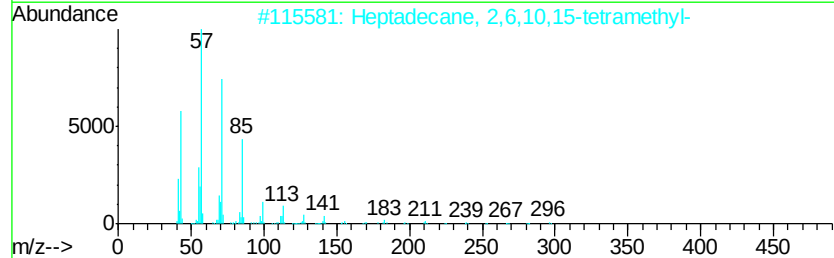
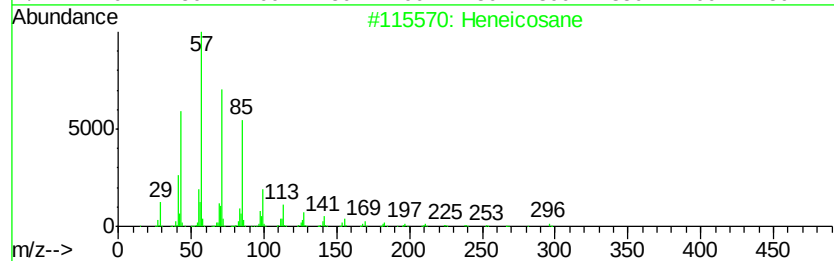
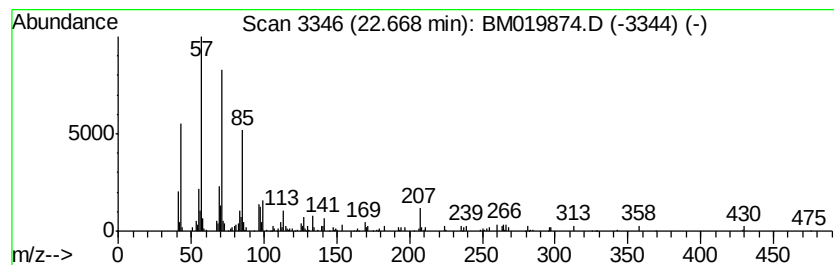
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.54 ng/ul	207875	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Eicosane	282	C20H42	000112-95-8	89
4		Triacontane	422	C30H62	000638-68-6	83
5		Octacosane	394	C28H58	000630-02-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	5.2	ng/ul	369692	4	16.97	1412470	20.0
(DEL) Alkane: Cyc...	20.89	6.7	ng/ul	538725	5	21.19	1605070	20.0
(DEL) Alkane: Str...	22.67	2.5	ng/ul	207875	6	23.39	1633630	20.0