

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013357.D
 Acq On : 13 Dec 2017 01:58
 Operator : SJ/JU
 Sample : I6776-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A53

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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	6.863	636	642	654	rVB2	274402	553213	11.25%	1.087%
2	7.028	663	670	676	rBV	205676	317064	6.45%	0.623%
3	7.222	696	703	712	rVB	284487	480181	9.76%	0.944%
4	7.686	776	782	788	rBV	357476	560151	11.39%	1.101%
5	8.392	896	902	911	rVB2	354779	593569	12.07%	1.167%
6	8.833	971	977	986	rVB	292543	503028	10.23%	0.989%
7	9.551	1093	1099	1108	rBV	244110	425909	8.66%	0.837%
8	10.092	1184	1191	1200	rBV	373641	664643	13.52%	1.306%
9	10.463	1247	1254	1260	rBV	519530	885875	18.02%	1.741%
10	10.604	1272	1278	1292	rBV	227578	436893	8.88%	0.859%
11	13.739	1805	1811	1816	rBV	796680	1116767	22.71%	2.195%
12	13.786	1816	1819	1827	rVB	183902	265570	5.40%	0.522%
13	14.015	1849	1858	1862	rBV	896220	1502958	30.56%	2.954%
14	14.233	1890	1895	1899	rVB2	46536	59717	1.21%	0.117%
15	14.327	1899	1911	1919	rBV2	845498	1340281	27.26%	2.634%
16	14.545	1941	1948	1963	rBV	314398	596070	12.12%	1.171%
17	15.192	2052	2058	2062	rBV3	62582	87043	1.77%	0.171%
18	15.321	2072	2080	2087	rBV	1234905	1735276	35.29%	3.410%
19	15.451	2096	2102	2110	rBV	292061	421957	8.58%	0.829%
20	15.586	2117	2125	2131	rBV	26001	82156	1.67%	0.161%
21	16.051	2199	2204	2212	rBV4	67282	137730	2.80%	0.271%
22	17.074	2371	2378	2383	rBV2	1343362	1910264	38.85%	3.754%
23	17.174	2389	2395	2399	rBV	1492501	2164367	44.01%	4.254%
24	17.392	2425	2432	2436	rBV2	79567	117319	2.39%	0.231%
25	17.980	2526	2532	2541	rBV2	275988	421519	8.57%	0.828%
26	18.080	2545	2549	2554	rVB2	38305	59900	1.22%	0.118%
27	18.150	2556	2561	2564	rBV6	32793	52402	1.07%	0.103%
28	18.874	2680	2684	2690	rBV4	35805	62749	1.28%	0.123%
29	19.015	2703	2708	2715	rBV3	56657	101664	2.07%	0.200%
30	19.139	2720	2729	2737	rBV	445050	736377	14.98%	1.447%
31	19.262	2746	2750	2752	rBV2	178592	213074	4.33%	0.419%
32	19.474	2780	2786	2789	rBV	2192889	3135000	63.75%	6.161%
33	19.574	2800	2803	2811	rVB5	46220	86424	1.76%	0.170%
34	19.833	2841	2847	2853	rBV5	94943	226706	4.61%	0.446%

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35	19.915	2859	2861	2865	rVB3	54716	55655	1.13%	0.109%
36	19.992	2865	2874	2879	rBV5	132072	404299	8.22%	0.795%
37	20.097	2888	2892	2895	rBV4	67971	94645	1.92%	0.186%
38	20.156	2896	2902	2906	rVB2	154503	251473	5.11%	0.494%
39	20.297	2922	2926	2930	rBV	137107	181973	3.70%	0.358%
40	20.339	2931	2933	2938	rVB3	79512	106413	2.16%	0.209%
41	20.456	2951	2953	2958	rVB4	89762	112196	2.28%	0.221%
42	20.744	2999	3002	3008	rBV2	149679	221565	4.51%	0.435%
43	20.915	3027	3031	3034	rVB2	118020	151944	3.09%	0.299%
44	20.950	3034	3037	3039	rVV2	105581	118399	2.41%	0.233%
45	20.986	3039	3043	3048	rVV2	719126	906927	18.44%	1.782%
46	21.044	3050	3053	3059	rVB	127686	199156	4.05%	0.391%
47	21.268	3083	3091	3095	rBV2	2684599	4917369	100.00%	9.664%
48	21.303	3095	3097	3104	rVB	813612	944219	19.20%	1.856%
49	21.439	3115	3120	3123	rBV3	104678	187364	3.81%	0.368%
50	21.574	3139	3143	3148	rBV3	140271	252835	5.14%	0.497%
51	21.627	3149	3152	3155	rVV3	89905	117491	2.39%	0.231%
52	21.815	3182	3184	3188	rVB	252674	264216	5.37%	0.519%
53	21.874	3189	3194	3200	rVB3	244499	409910	8.34%	0.806%
54	22.009	3214	3217	3221	rBV3	138148	181764	3.70%	0.357%
55	22.827	3350	3356	3361	rBV	2065854	4290493	87.25%	8.432%
56	22.997	3380	3385	3393	rVB	437859	720468	14.65%	1.416%
57	23.303	3431	3437	3441	rBV	1058623	1959669	39.85%	3.851%
58	23.356	3441	3446	3450	rVV2	1783552	3269458	66.49%	6.426%
59	23.397	3450	3453	3459	rVB	1172666	1869293	38.01%	3.674%
60	23.497	3463	3470	3475	rBV	1564935	2905704	59.09%	5.711%
61	24.027	3557	3560	3568	rVB3	287682	507941	10.33%	0.998%
62	25.726	3841	3849	3863	rVB2	719231	2033645	41.36%	3.997%
63	26.415	3959	3966	3975	rVB2	431565	1191058	24.22%	2.341%

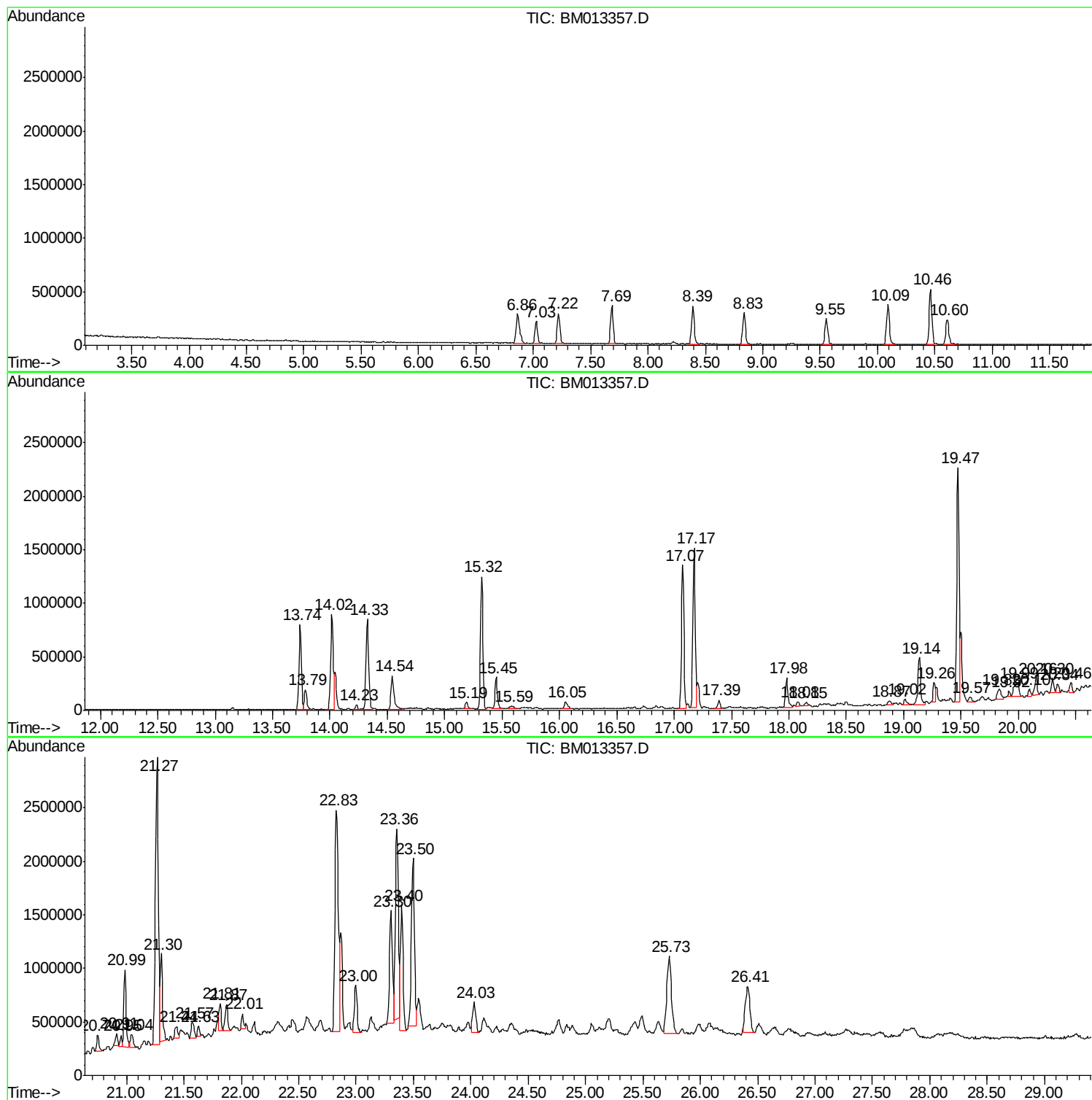
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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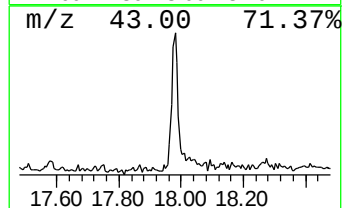
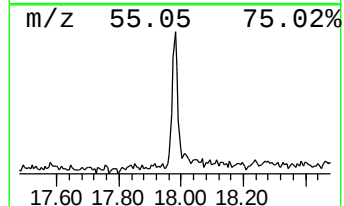
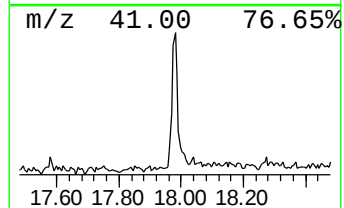
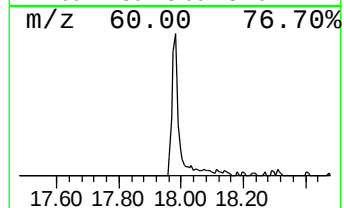
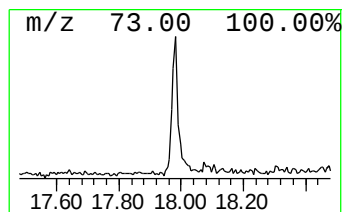
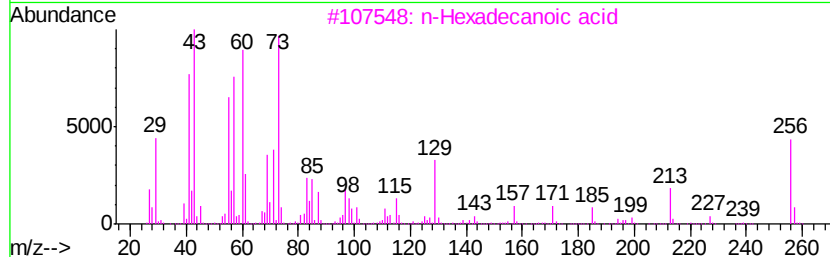
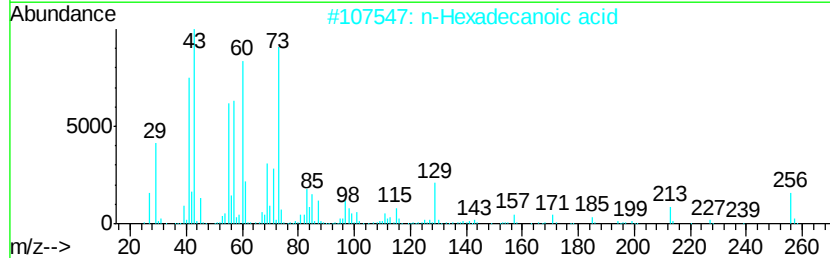
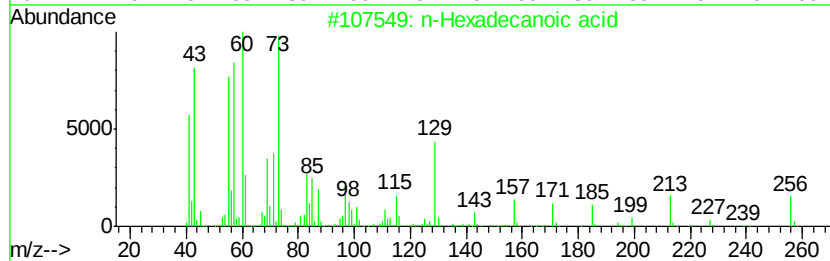
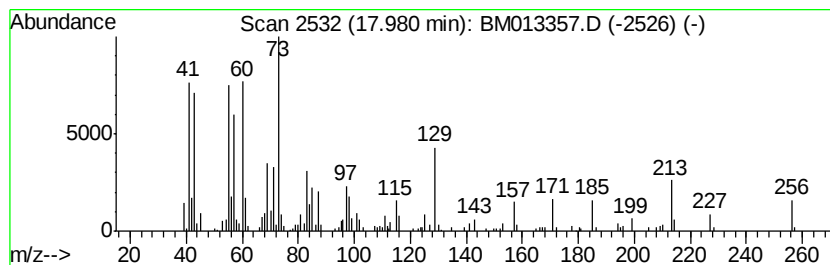
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.98	4.41 ng/ul	421519	Phenanthrene-d10		17.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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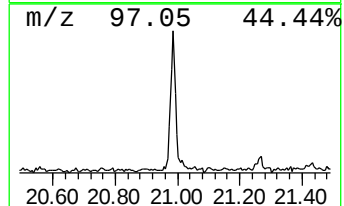
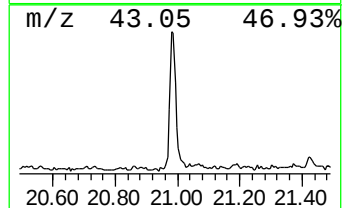
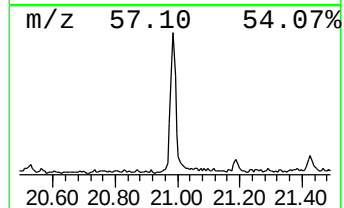
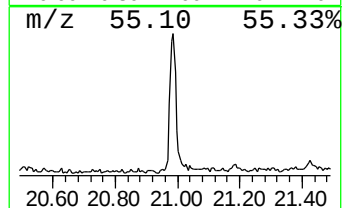
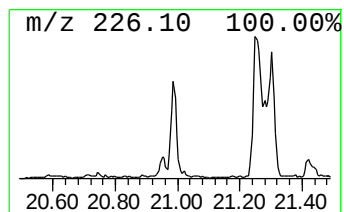
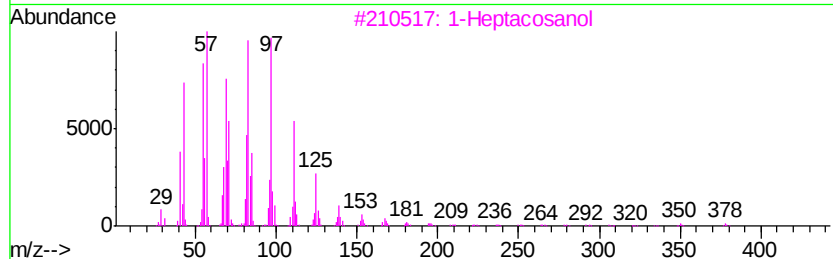
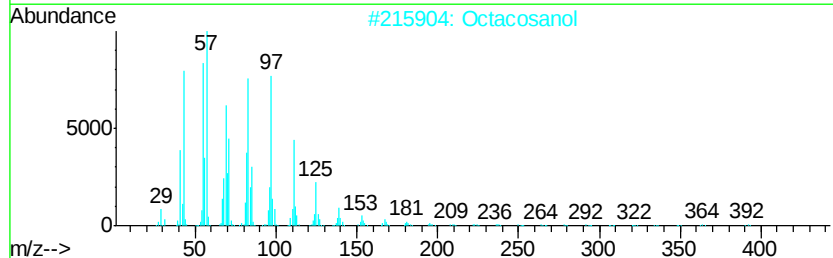
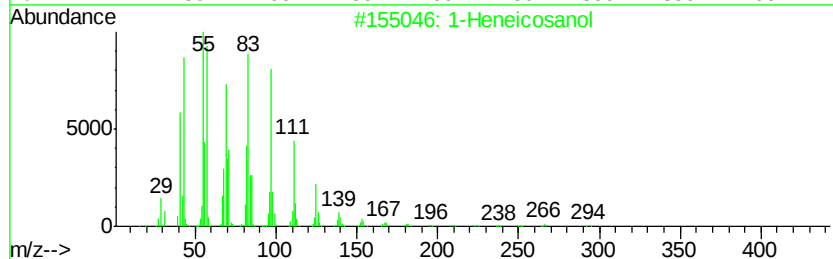
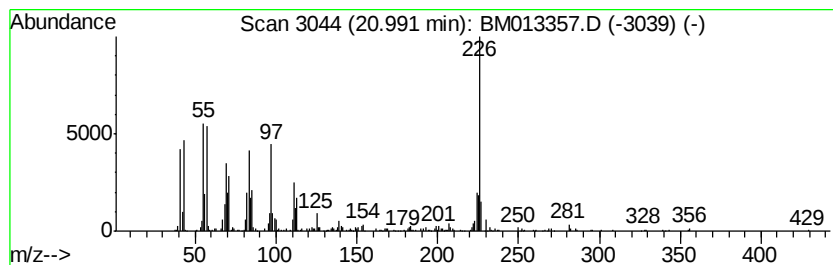
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Peak Number 2 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.69 ng/ul	906927	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	84
2			Octacosanol	410	C28H58O	000557-61-9	50
3			1-Heptacosanol	396	C27H56O	002004-39-9	50
4			Behenic alcohol	326	C22H46O	000661-19-8	50
5			1-Tricosene	322	C23H46	018835-32-0	50



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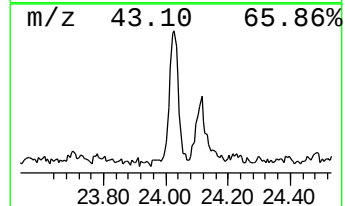
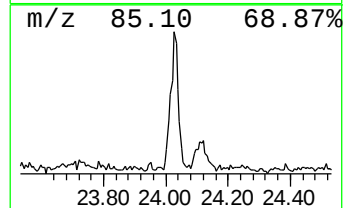
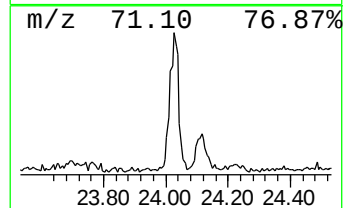
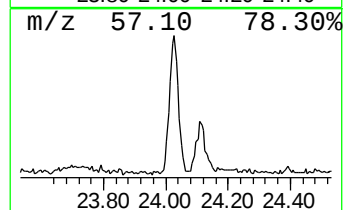
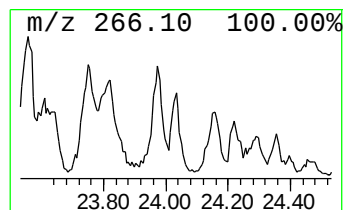
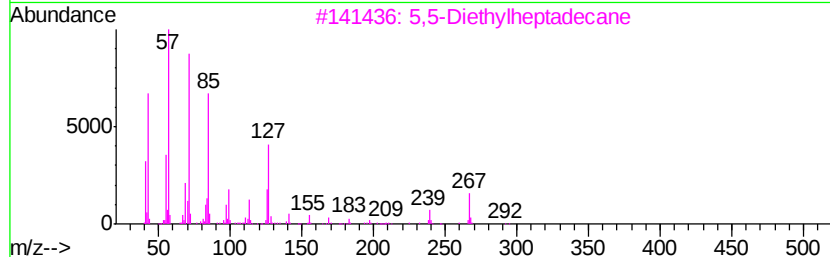
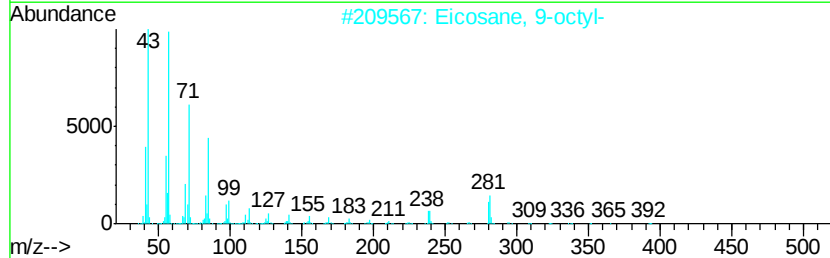
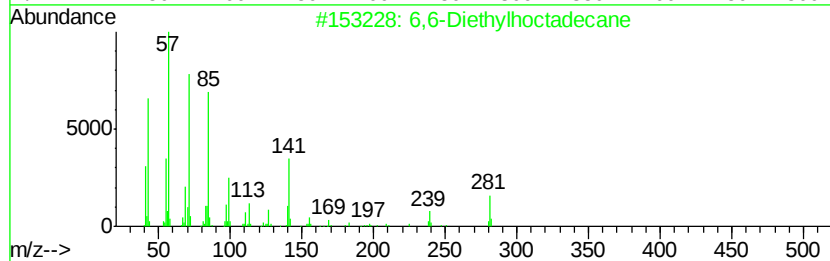
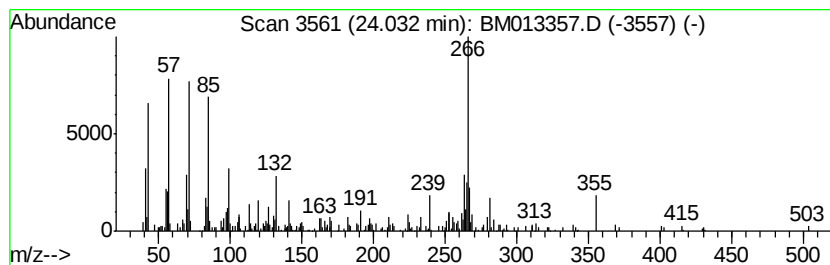
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.50 ng/ul	507941	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Diethylhoctadecane			310	C22H46	1000360-41-8	38
2	Eicosane, 9-octyl-			394	C28H58	013475-77-9	38
3	5,5-Diethylheptadecane			296	C21H44	1000360-41-7	37
4	6,8-Dimethyl-2-phenylthiochromen...			266	C17H14OS	1000306-34-0	15
5	Ethanone, 1-(2-furyl)-2-(2,3-dih...			267	C17H17NO2	064473-19-4	15



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	4.4	ng/ul	421519	4	17.07	1910260	20.0
1-Heneicosanol	20.99	3.7	ng/ul	906927	5	21.27	4917370	20.0
(DEL) Alkane: Str...	24.03	3.5	ng/ul	507941	6	23.50	2905700	20.0