

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021537.D
 Acq On : 18 Jul 2019 23:23
 Operator : HP/JU
 Sample : K3822-05
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-01-071719

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-BM070819MA.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	6.893	659	664	678	rVB	201103	351978	6.74%	0.805%
2	7.063	687	693	705	rVB	559740	901621	17.28%	2.063%
3	7.251	719	725	733	rVB	713045	1112832	21.32%	2.547%
4	7.716	798	804	813	rVB	581087	925332	17.73%	2.118%
5	8.422	918	924	935	rVB	539645	890355	17.06%	2.037%
6	8.881	995	1002	1016	rVB	758454	1288904	24.70%	2.950%
7	9.592	1116	1123	1135	rVB	653175	1059104	20.29%	2.424%
8	10.128	1207	1214	1232	rBV	879481	1656902	31.75%	3.792%
9	10.498	1270	1277	1284	rBV	748441	1278931	24.51%	2.927%
10	10.663	1300	1305	1315	rVB	45875	95726	1.83%	0.219%
11	12.098	1545	1549	1555	rVB2	12489	19429	0.37%	0.044%
12	13.774	1827	1834	1839	rBV	1757746	2380912	45.62%	5.448%
13	13.822	1839	1842	1851	rVB	186822	264451	5.07%	0.605%
14	14.051	1874	1881	1895	rVB	1953389	2955646	56.64%	6.764%
15	14.357	1927	1933	1943	rVV2	1148866	1687450	32.34%	3.862%
16	14.598	1968	1974	1987	rBV2	76182	179451	3.44%	0.411%
17	14.780	2002	2005	2011	rVB5	6556	9500	0.18%	0.022%
18	15.016	2042	2045	2052	rVB3	26943	36314	0.70%	0.083%
19	15.292	2086	2092	2096	rBV5	5269	9801	0.19%	0.022%
20	15.357	2096	2103	2115	rVV	2537915	3633365	69.62%	8.315%
21	15.492	2118	2126	2139	rBV	593817	868623	16.64%	1.988%
22	15.598	2139	2144	2151	rVB3	28966	41899	0.80%	0.096%
23	16.063	2219	2223	2226	rBV4	3892	5407	0.10%	0.012%
24	16.145	2233	2237	2240	rVB4	8689	11347	0.22%	0.026%
25	16.315	2263	2266	2269	rBV4	6169	7760	0.15%	0.018%
26	16.515	2296	2300	2304	rBV6	8048	14515	0.28%	0.033%
27	16.615	2312	2317	2325	rVB9	14322	28932	0.55%	0.066%
28	16.786	2340	2346	2351	rVB6	5859	11189	0.21%	0.026%
29	16.857	2354	2358	2360	rVV3	7510	8711	0.17%	0.020%
30	16.898	2362	2365	2370	rVB5	11758	19009	0.36%	0.044%
31	17.110	2393	2401	2407	rBV2	1323572	1932971	37.04%	4.423%
32	17.210	2412	2418	2427	rVV	2709609	3822827	73.25%	8.748%
33	17.404	2448	2451	2454	rBV5	3962	5839	0.11%	0.013%
34	17.504	2465	2468	2470	rBV3	4941	6984	0.13%	0.016%

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Peak Location: TOP

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35	17.592	2480	2483	2489	rBV5	7390	12098	0.23%	0.028%
36	17.774	2511	2514	2522	rVB8	11959	21008	0.40%	0.048%
37	17.880	2528	2532	2536	rBV6	8461	13755	0.26%	0.031%
38	18.004	2548	2553	2563	rBV	184578	309631	5.93%	0.709%
39	18.221	2586	2590	2597	rVB	37100	51974	1.00%	0.119%
40	19.145	2742	2747	2757	rBV	61187	132932	2.55%	0.304%
41	19.227	2757	2761	2766	rVV3	29927	37923	0.73%	0.087%
42	19.286	2767	2771	2781	rBV	109242	175585	3.36%	0.402%
43	19.398	2786	2790	2793	rVB	27401	39659	0.76%	0.091%
44	19.509	2803	2809	2820	rBV	3488139	4559626	87.37%	10.434%
45	21.009	3060	3064	3072	rBV3	130661	216471	4.15%	0.495%
46	21.303	3109	3114	3120	rBV	1634055	2179021	41.76%	4.986%
47	21.439	3135	3137	3142	rVB2	96769	90021	1.73%	0.206%
48	21.874	3208	3211	3215	rBV2	150147	179723	3.44%	0.411%
49	22.339	3287	3290	3296	rVB	214120	264024	5.06%	0.604%
50	22.844	3373	3376	3382	rVB	248299	345142	6.61%	0.790%
51	23.409	3466	3472	3484	rVB	2811415	5218554	100.00%	11.942%
52	23.556	3491	3497	3509	rVB	1223833	2327624	44.60%	5.327%

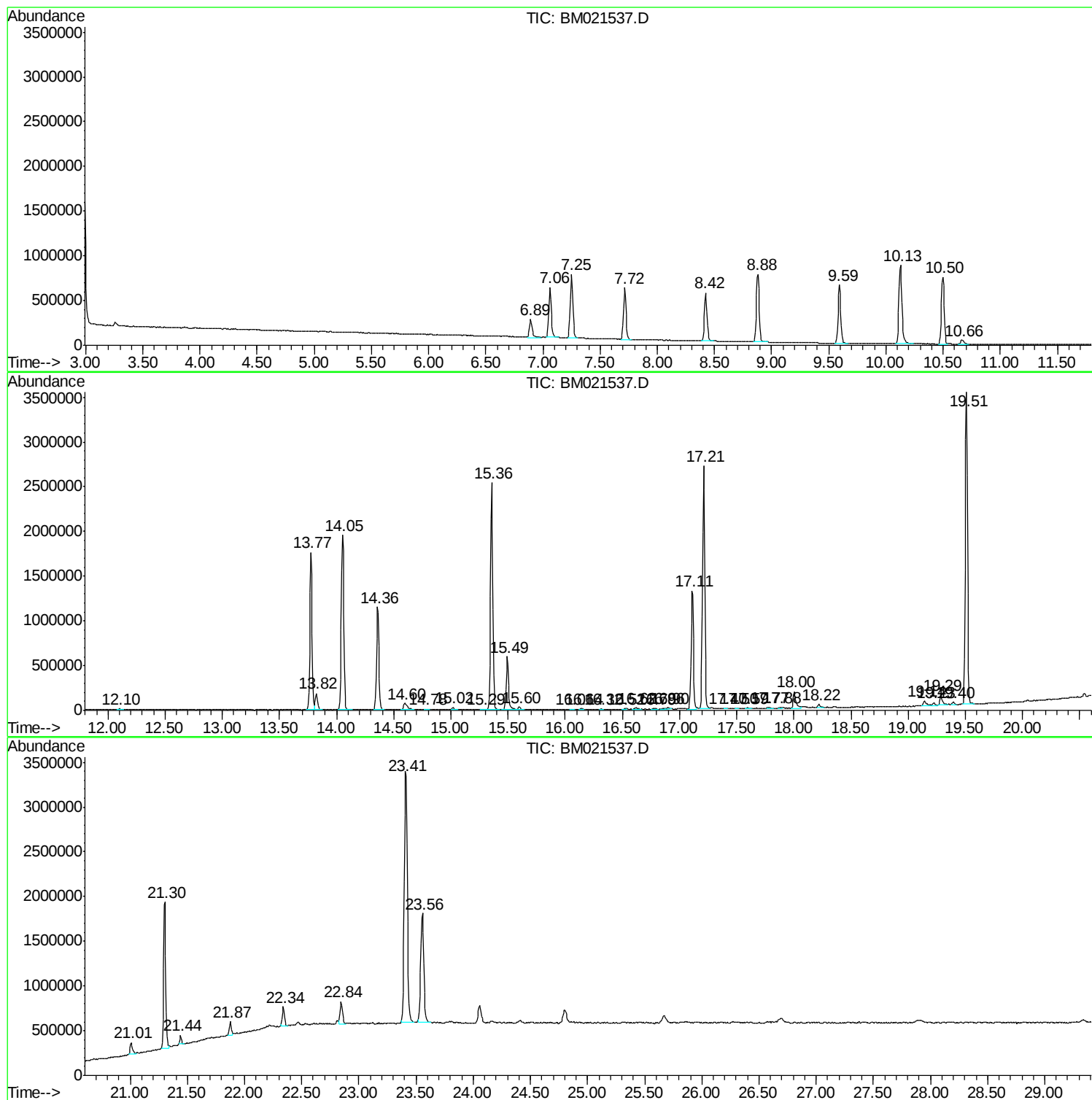
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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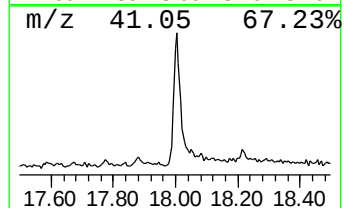
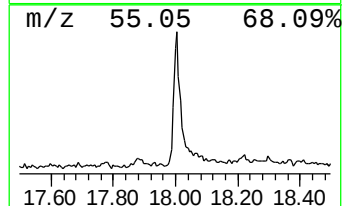
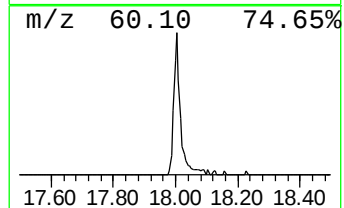
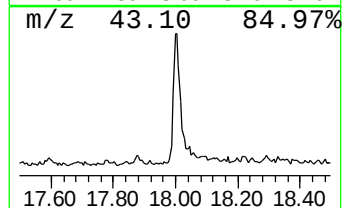
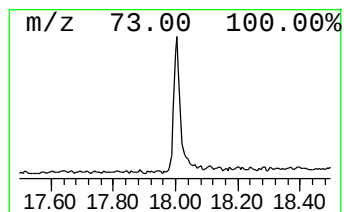
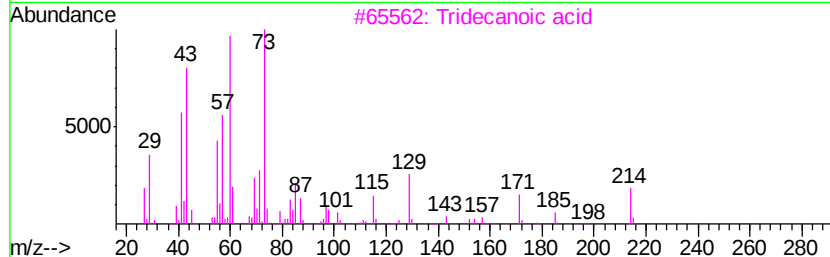
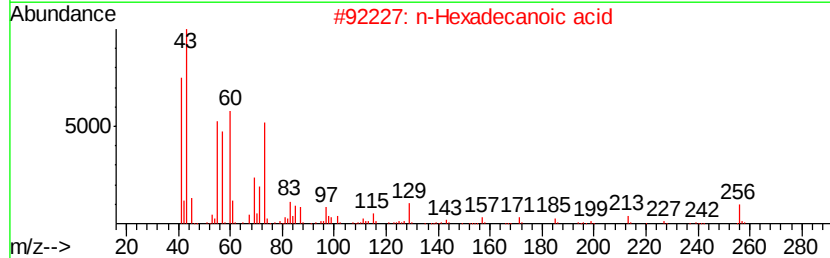
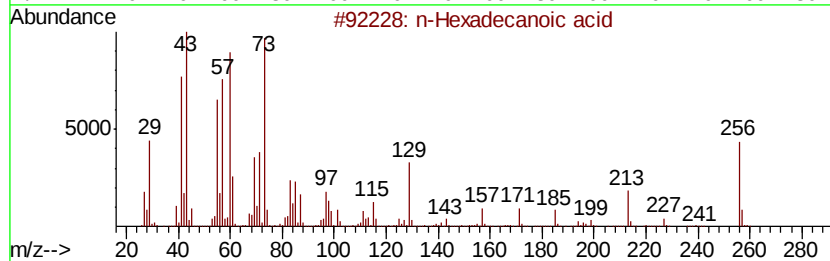
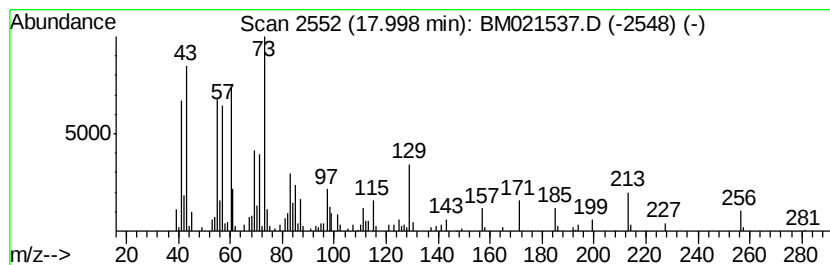
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	3.20 ng/ul	309631	Phenanthrene-d10	17.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	



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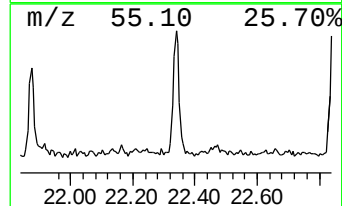
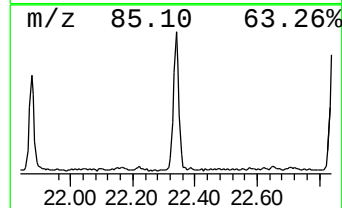
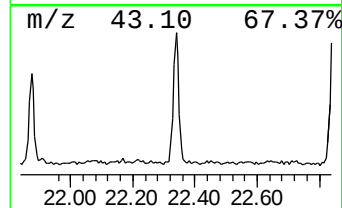
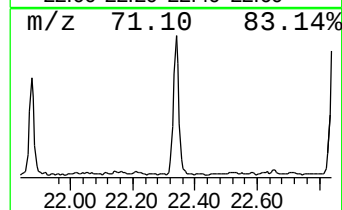
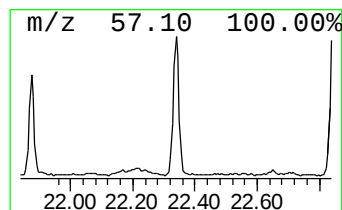
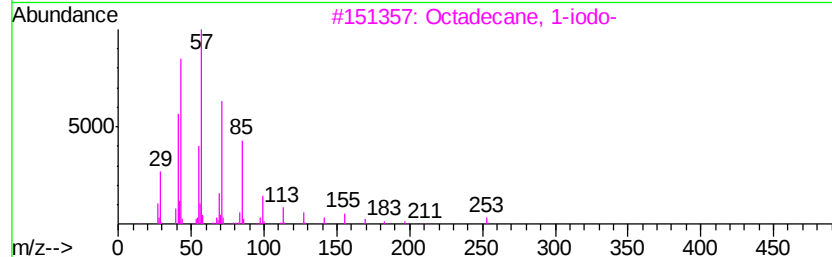
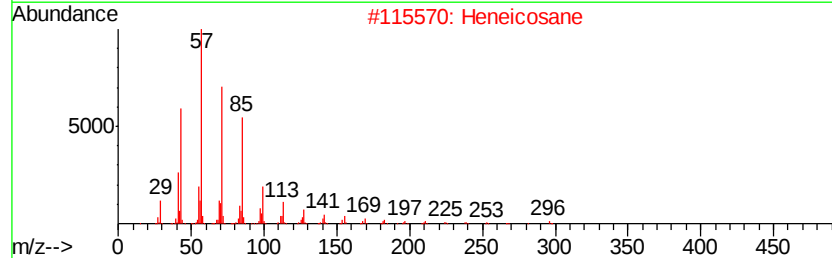
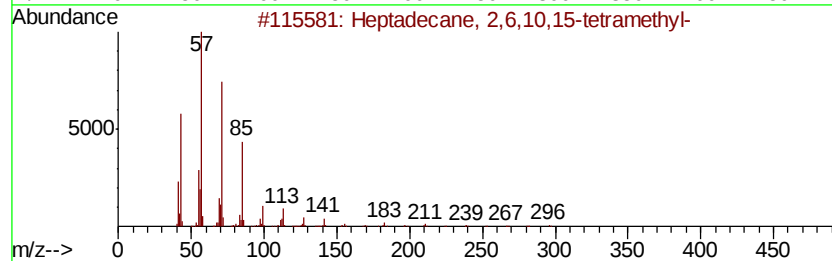
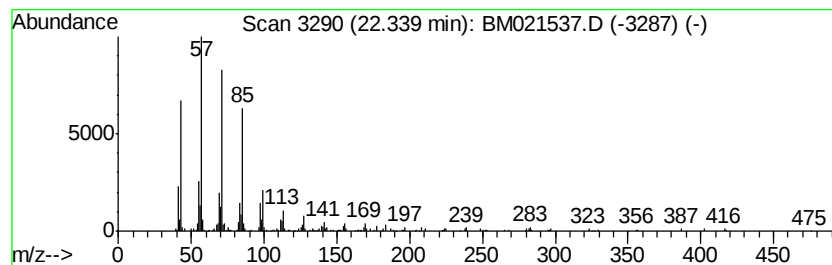
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.42 ng/ul	264024	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Nonacosane	408	C29H60	000630-03-5	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



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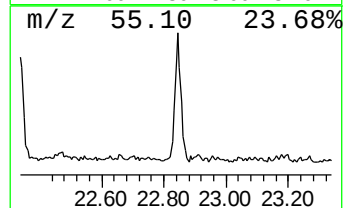
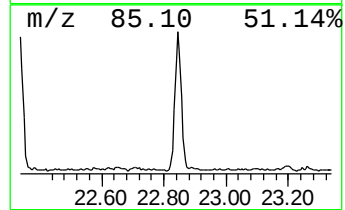
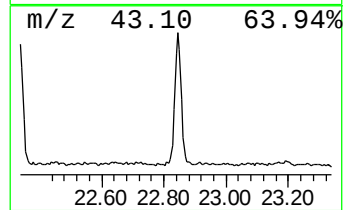
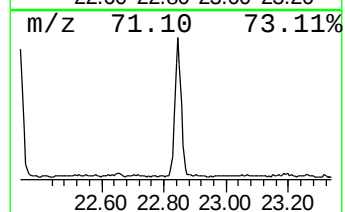
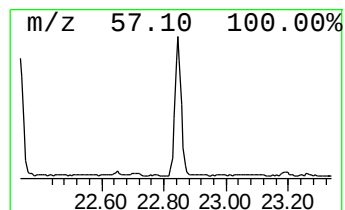
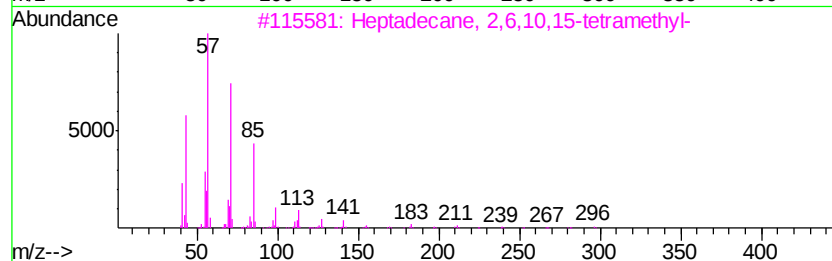
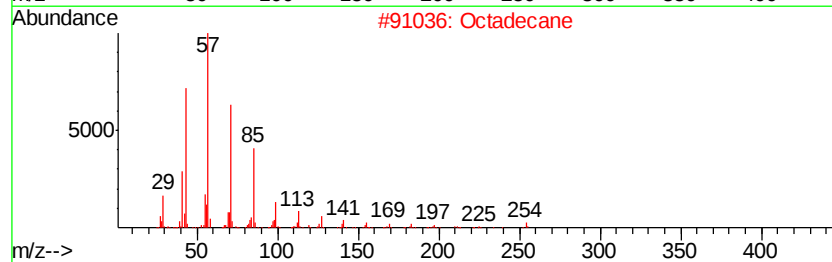
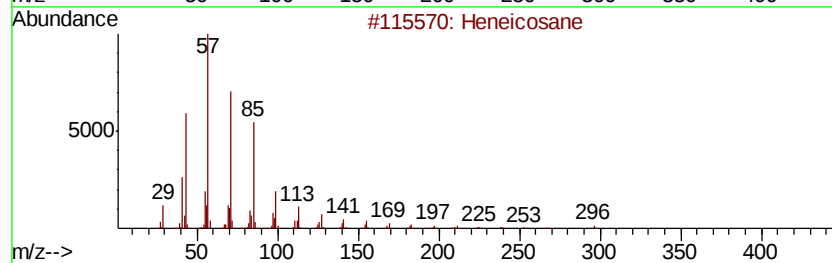
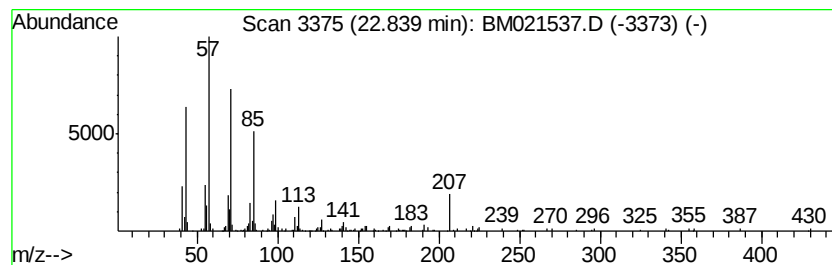
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.97 ng/ul	345142	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	96
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Octacosane	394	C28H58	000630-02-4	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	3.2	ng/ul	309631	4	17.11	1932970	20.0
(DEL) Alkane: Str...	22.34	2.4	ng/ul	264024	5	21.30	2179020	20.0
(DEL) Alkane: Str...	22.84	3.0	ng/ul	345142	6	23.56	2327620	20.0