

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023936.D
 Acq On : 28 Nov 2019 05:20
 Operator : JU
 Sample : K5888-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLP2

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	3.034	22	25	39	rVB	75877	133363	1.69%	0.128%
2	3.540	108	111	115	rVB4	25738	32182	0.41%	0.031%
3	3.657	126	131	136	rVB	61623	95183	1.21%	0.092%
4	3.740	142	145	149	rVB	23231	29750	0.38%	0.029%
5	4.646	295	299	303	rBV	53822	86109	1.09%	0.083%
6	5.669	469	473	475	rBV5	7967	11950	0.15%	0.011%
7	6.681	638	645	660	rBV	1405236	2470971	31.40%	2.378%
8	6.840	666	672	687	rVB	1152142	1917736	24.37%	1.845%
9	7.022	697	703	717	rVV	1506582	2488425	31.62%	2.395%
10	7.128	719	721	725	rVB3	11345	10712	0.14%	0.010%
11	7.487	775	782	793	rVV	1729094	2710849	34.44%	2.609%
12	7.575	793	797	801	rVB4	11099	15216	0.19%	0.015%
13	8.204	897	904	917	rVV	1686098	2802595	35.61%	2.697%
14	8.322	921	924	932	rVB4	14095	26698	0.34%	0.026%
15	8.640	972	978	993	rBV	1457350	2401135	30.51%	2.311%
16	9.087	1050	1054	1061	rVB2	18541	27090	0.34%	0.026%
17	9.357	1092	1100	1110	rBV	1199028	2029134	25.78%	1.953%
18	9.892	1184	1191	1210	rBV	1857221	3248382	41.27%	3.126%
19	10.257	1246	1253	1265	rBV	2457303	4083658	51.89%	3.930%
20	10.410	1271	1279	1304	rBV	1516744	2969192	37.73%	2.857%
21	11.704	1492	1499	1503	rBV5	12715	21851	0.28%	0.021%
22	11.869	1522	1527	1532	rBV2	28843	46861	0.60%	0.045%
23	12.763	1672	1679	1683	rBV8	7855	12447	0.16%	0.012%
24	13.063	1722	1730	1737	rBV	187317	308279	3.92%	0.297%
25	13.486	1797	1802	1805	rVB6	7975	12174	0.15%	0.012%
26	13.569	1809	1816	1820	rBV	3490884	4809810	61.11%	4.628%
27	13.616	1820	1824	1836	rVB	1678134	2336017	29.68%	2.248%
28	13.839	1854	1862	1876	rBV	3992676	6006225	76.31%	5.780%
29	14.080	1899	1903	1907	rVB6	5188	9074	0.12%	0.009%
30	14.151	1907	1915	1925	rBV	3673488	5537336	70.36%	5.328%
31	14.380	1948	1954	1975	rBV	778258	1614398	20.51%	1.553%
32	14.527	1977	1979	1981	rVV3	13623	14172	0.18%	0.014%
33	14.592	1983	1990	2001	rVB2	103429	194453	2.47%	0.187%
34	14.980	2052	2056	2061	rBV6	7842	16061	0.20%	0.015%

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35	15.033	2063	2065	2070	rVB5	11641	11733	0.15%	0.011%
36	15.151	2078	2085	2102	rBV	5163178	7249960	92.12%	6.976%
37	15.292	2103	2109	2121	rVV2	1277631	2029725	25.79%	1.953%
38	15.392	2121	2126	2132	rVV	62653	113850	1.45%	0.110%
39	15.533	2149	2150	2156	rVB5	7958	9616	0.12%	0.009%
40	15.592	2156	2160	2164	rBV5	8237	13761	0.17%	0.013%
41	15.733	2178	2184	2185	rBV6	6166	9708	0.12%	0.009%
42	15.898	2210	2212	2215	rBV4	7401	8568	0.11%	0.008%
43	15.939	2215	2219	2224	rVB4	22094	32391	0.41%	0.031%
44	16.068	2236	2241	2245	rBV7	7175	11409	0.14%	0.011%
45	16.192	2256	2262	2266	rBV2	11614	20869	0.27%	0.020%
46	16.345	2283	2288	2294	rBV8	14600	21151	0.27%	0.020%
47	16.457	2303	2307	2313	rVB3	30086	45764	0.58%	0.044%
48	16.586	2322	2329	2333	rVB9	10307	15231	0.19%	0.015%
49	16.692	2343	2347	2354	rBV2	24570	35877	0.46%	0.035%
50	16.827	2368	2370	2374	rBV5	9821	16748	0.21%	0.016%
51	16.904	2376	2383	2393	rVV	4021369	5664335	71.97%	5.451%
52	16.998	2393	2399	2415	rVV	4995732	7258782	92.23%	6.985%
53	17.121	2415	2420	2426	rVB7	28706	50707	0.64%	0.049%
54	17.233	2437	2439	2442	rVB3	15463	14904	0.19%	0.014%
55	17.315	2448	2453	2462	rBV	156951	281724	3.58%	0.271%
56	17.704	2514	2519	2525	rBV7	23455	45937	0.58%	0.044%
57	17.827	2535	2540	2549	rBV	648256	999171	12.70%	0.961%
58	18.127	2586	2591	2594	rBV6	16679	27313	0.35%	0.026%
59	18.257	2610	2613	2617	rBV5	24779	30399	0.39%	0.029%
60	18.698	2683	2688	2697	rBV	1080198	1750914	22.25%	1.685%
61	18.939	2726	2729	2732	rBV	49031	63004	0.80%	0.061%
62	19.021	2739	2743	2746	rVB	158402	179186	2.28%	0.172%
63	19.056	2747	2749	2754	rVB4	34479	35130	0.45%	0.034%
64	19.121	2756	2760	2766	rBV	240402	364878	4.64%	0.351%
65	19.192	2769	2772	2778	rVB	54360	79654	1.01%	0.077%
66	19.309	2786	2792	2798	rBV	5334785	7613891	96.74%	7.327%
67	19.856	2881	2885	2889	rBV	194871	314767	4.00%	0.303%
68	20.850	3049	3054	3060	rBV2	823728	1245611	15.83%	1.199%
69	21.109	3093	3098	3109	rBV	4100069	5238005	66.55%	5.040%
70	21.709	3198	3200	3209	rVB3	187745	246631	3.13%	0.237%
71	22.639	3355	3358	3363	rVB	324958	420058	5.34%	0.404%

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72	23.121	3433	3440	3446	rBV	4483609	7870552	100.00%	7.574%
73	23.250	3456	3462	3479	rVB	3186952	5949415	75.59%	5.725%

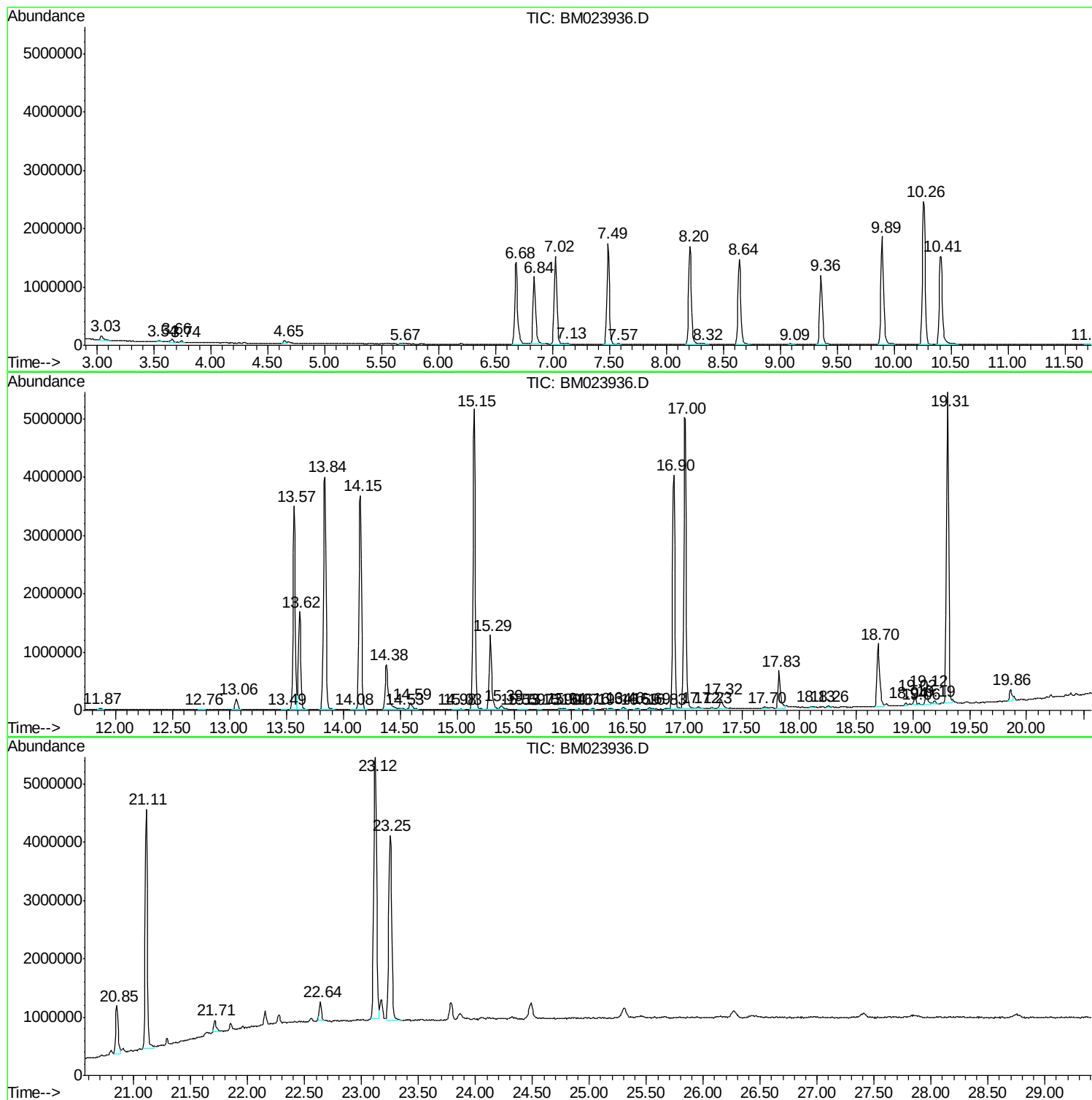
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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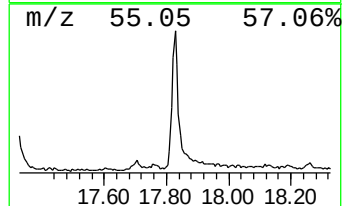
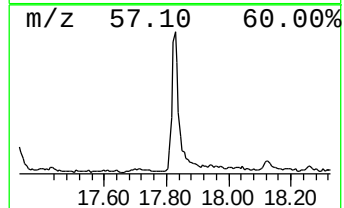
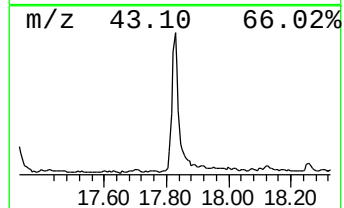
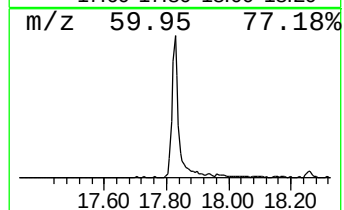
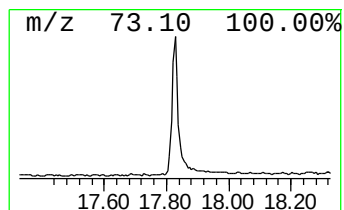
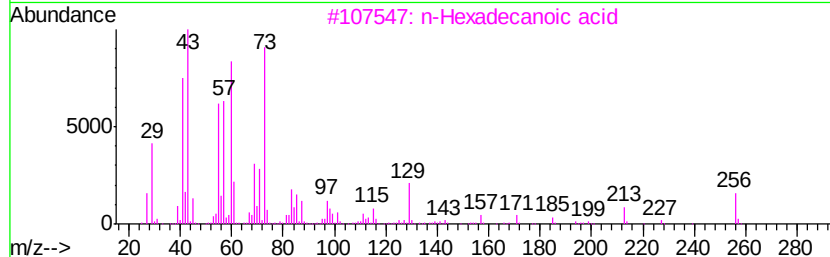
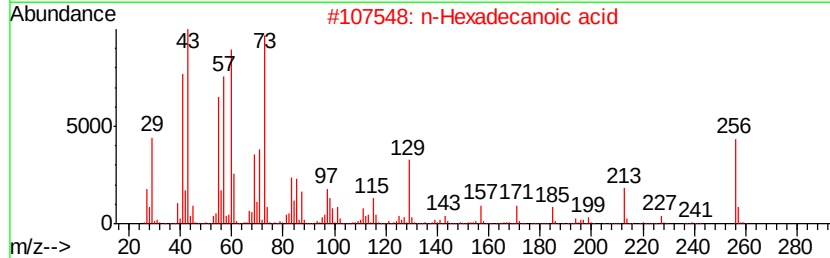
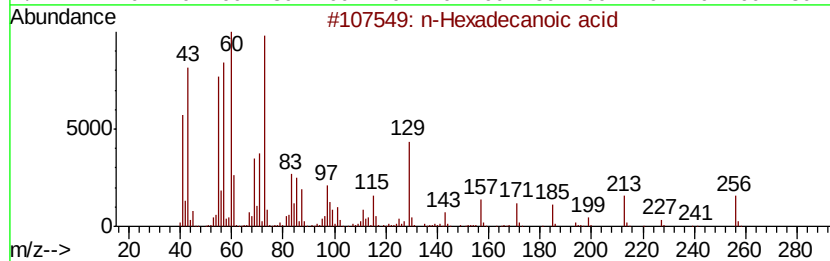
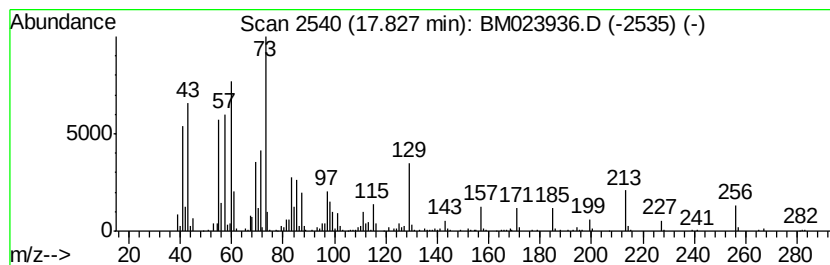
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Quant Title : SVOA CALIBRATION

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.
17.83	3.53 ng/ul	999171	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	98
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	81
5	Tridecanoic acid	214 C13H26O2	000638-53-9	76



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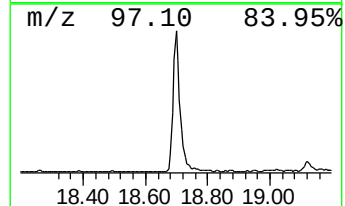
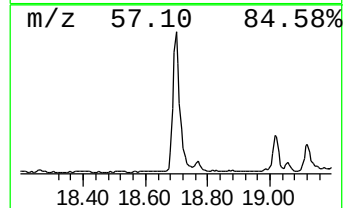
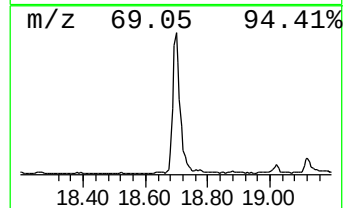
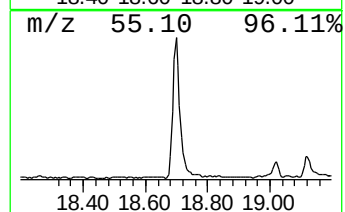
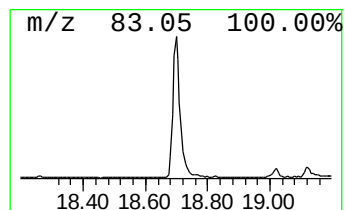
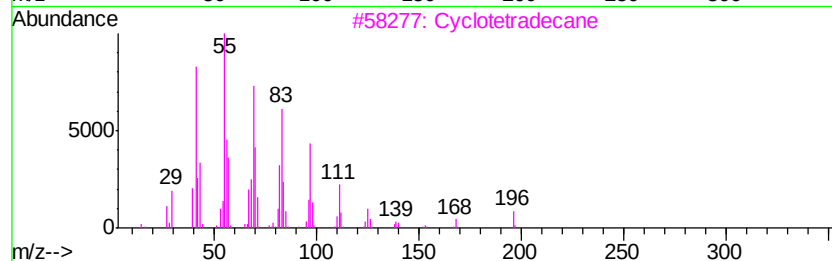
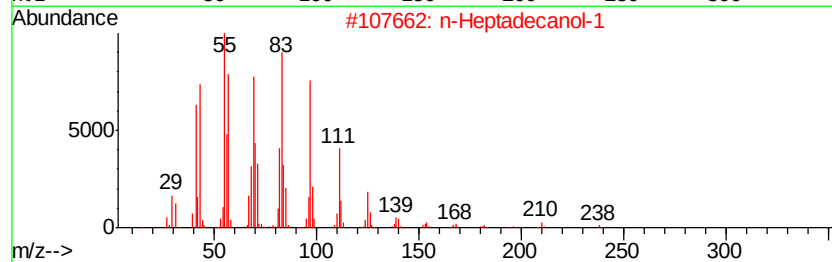
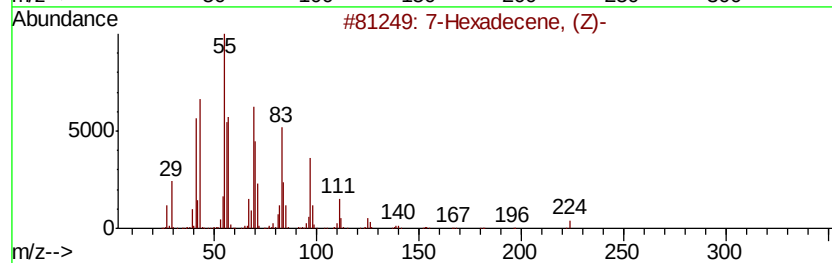
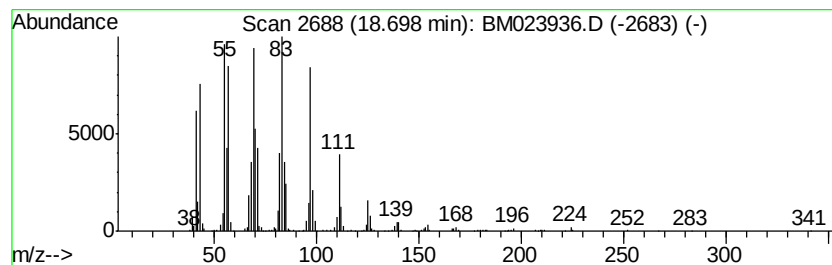
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic18.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.70	6.18 ng/ul	1750910	Phenanthrene-d10	16.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3	Cyclotetradecane	196	C14H28	000295-17-0	93
4	1-Hexadecanol	242	C16H34O	036653-82-4	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91



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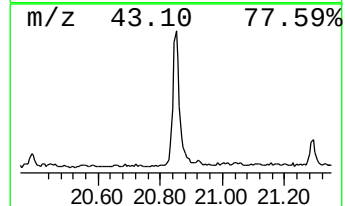
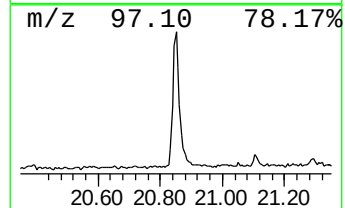
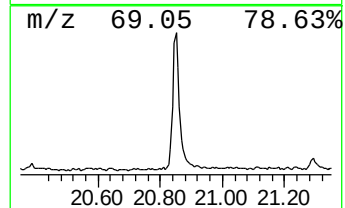
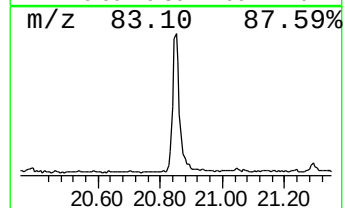
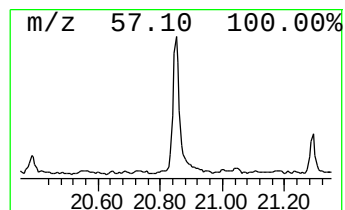
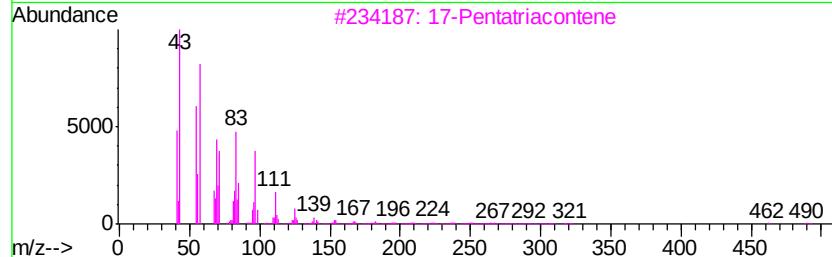
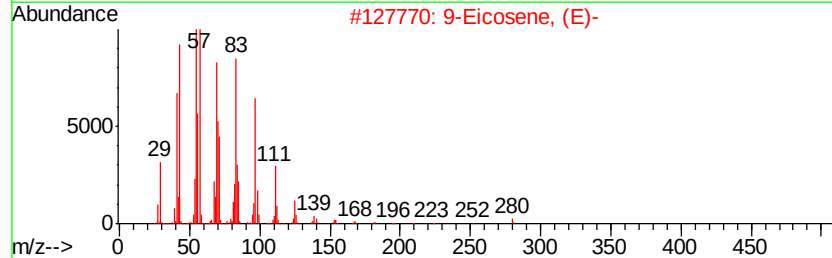
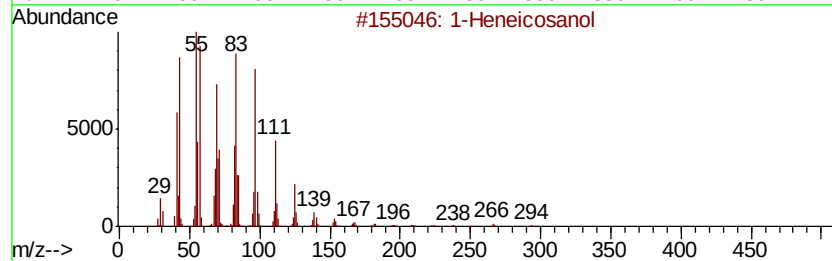
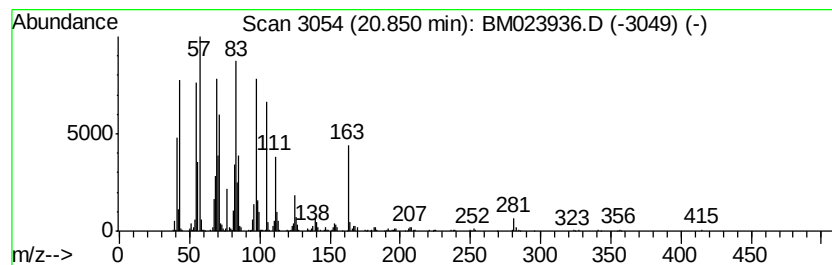
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.76 ng/ul	1245610	Chrysene-d12	21.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	93
2	9-Eicosene, (E)-	280 C20H40	074685-29-3	93
3	17-Pentatriacontene	491 C35H70	006971-40-0	90
4	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	83
5	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	3.5	ng/ul	999171	4	16.90	5664340	20.0
(DEL) Alkane: Cyc...	18.70	6.2	ng/ul	1750910	4	16.90	5664340	20.0
1-Heneicosanol	20.85	4.8	ng/ul	1245610	5	21.11	5238010	20.0