

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021656.D
 Acq On : 26 Jul 2019 03:44
 Operator : HP/JU
 Sample : K3893-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENY7

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-BM072319MA.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	6.875	656	661	672	rVB	308169	521111	12.19%	1.256%
2	7.045	685	690	703	rVB	254598	421979	9.87%	1.017%
3	7.234	716	722	735	rVB	337902	595473	13.93%	1.435%
4	7.698	795	801	812	rVB	474046	769194	17.99%	1.854%
5	8.404	915	921	931	rBV	346797	574653	13.44%	1.385%
6	8.863	993	999	1006	rBV	359181	609292	14.25%	1.468%
7	9.575	1114	1120	1129	rVB	303591	508109	11.88%	1.225%
8	10.110	1204	1211	1227	rVB	447717	849924	19.88%	2.048%
9	10.481	1267	1274	1285	rVB	752124	1247384	29.17%	3.006%
10	10.639	1294	1301	1319	rVB	288662	611568	14.30%	1.474%
11	12.080	1541	1546	1551	rVB4	6735	12206	0.29%	0.029%
12	12.686	1644	1649	1653	rBV5	4358	7083	0.17%	0.017%
13	12.933	1687	1691	1696	rVB	6054	8003	0.19%	0.019%
14	13.222	1736	1740	1745	rVB2	10726	12307	0.29%	0.030%
15	13.757	1825	1831	1836	rBV	1004927	1443317	33.76%	3.479%
16	13.804	1836	1839	1851	rVB	209027	302346	7.07%	0.729%
17	14.033	1868	1878	1889	rBV	1180300	1765767	41.30%	4.256%
18	14.339	1924	1930	1938	rBV	1318776	2018014	47.20%	4.864%
19	14.404	1938	1941	1947	rVB3	9339	13514	0.32%	0.033%
20	14.580	1964	1971	1992	rBV	133936	326867	7.65%	0.788%
21	14.745	1997	1999	2003	rVV2	8591	14810	0.35%	0.036%
22	14.786	2003	2006	2014	rVB2	26089	39247	0.92%	0.095%
23	15.104	2056	2060	2062	rBV	6546	8169	0.19%	0.020%
24	15.133	2062	2065	2069	rVB2	7114	9972	0.23%	0.024%
25	15.180	2069	2073	2077	rBV3	5884	8856	0.21%	0.021%
26	15.339	2093	2100	2107	rBV	1724492	2403921	56.22%	5.794%
27	15.392	2107	2109	2115	rVV2	12199	19113	0.45%	0.046%
28	15.480	2118	2124	2135	rVV	192571	297740	6.96%	0.718%
29	15.580	2135	2141	2145	rVV2	18712	27868	0.65%	0.067%
30	15.627	2147	2149	2152	rVB3	7150	8812	0.21%	0.021%
31	15.833	2182	2184	2190	rBV4	2731	4928	0.12%	0.012%
32	15.927	2198	2200	2205	rBV2	5318	6825	0.16%	0.016%
33	16.045	2217	2220	2223	rBV2	6497	9346	0.22%	0.023%
34	16.121	2231	2233	2239	rVB5	5956	7814	0.18%	0.019%

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35	16.239	2247	2253	2257	rVB7	3690	7670	0.18%	0.018%
36	16.504	2295	2298	2303	rVV5	4887	6296	0.15%	0.015%
37	16.563	2303	2308	2311	rVB6	2845	4550	0.11%	0.011%
38	16.757	2338	2341	2345	rVB5	8265	12349	0.29%	0.030%
39	16.839	2352	2355	2358	rVV5	5652	8445	0.20%	0.020%
40	16.886	2359	2363	2365	rVV4	7644	10835	0.25%	0.026%
41	16.915	2365	2368	2371	rVB	8753	11007	0.26%	0.027%
42	16.992	2376	2381	2382	rBV3	6068	9298	0.22%	0.022%
43	17.098	2392	2399	2403	rVV2	1854196	2713582	63.47%	6.540%
44	17.133	2403	2405	2410	rVV	228708	299206	7.00%	0.721%
45	17.192	2410	2415	2426	rVV	2010786	2851321	66.69%	6.872%
46	17.380	2444	2447	2452	rVB5	4105	5630	0.13%	0.014%
47	17.515	2462	2470	2477	rBV2	24619	49122	1.15%	0.118%
48	17.580	2477	2481	2484	rVB5	5473	7968	0.19%	0.019%
49	17.621	2484	2488	2491	rBV4	5588	8030	0.19%	0.019%
50	17.680	2494	2498	2499	rBV4	5093	5781	0.14%	0.014%
51	17.868	2525	2530	2534	rBV6	12413	20493	0.48%	0.049%
52	17.986	2543	2550	2554	rBV2	234281	373272	8.73%	0.900%
53	18.062	2561	2563	2566	rVB	14813	14763	0.35%	0.036%
54	18.168	2575	2581	2585	rBV2	57157	95445	2.23%	0.230%
55	18.204	2585	2587	2593	rVB3	22838	33013	0.77%	0.080%
56	18.274	2597	2599	2605	rBV7	7981	13858	0.32%	0.033%
57	18.474	2627	2633	2637	rBV	30309	50954	1.19%	0.123%
58	18.527	2638	2642	2647	rVV2	52381	70113	1.64%	0.169%
59	18.851	2694	2697	2700	rBV5	10777	18762	0.44%	0.045%
60	18.892	2701	2704	2709	rVB2	18628	35836	0.84%	0.086%
61	19.039	2724	2729	2735	rBV2	32226	70289	1.64%	0.169%
62	19.156	2740	2749	2755	rVV	761072	1048894	24.53%	2.528%
63	19.268	2764	2768	2773	rBV3	93629	140390	3.28%	0.338%
64	19.380	2784	2787	2788	rBV2	24491	26140	0.61%	0.063%
65	19.492	2800	2806	2810	rBV	2828005	4087940	95.61%	9.853%
66	19.598	2820	2824	2831	rVB	31265	51453	1.20%	0.124%
67	19.703	2839	2842	2847	rVB	32826	47991	1.12%	0.116%
68	19.851	2862	2867	2874	rBV3	39890	97373	2.28%	0.235%
69	20.021	2893	2896	2900	rVB	103954	134162	3.14%	0.323%
70	20.115	2909	2912	2916	rBV	66666	82763	1.94%	0.199%
71	20.768	3021	3023	3028	rVB	60422	63660	1.49%	0.153%

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72	20.933	3048	3051	3054	rBV2	62603	75082	1.76%	0.181%
73	20.992	3055	3061	3069	rVV6	261561	577393	13.50%	1.392%
74	21.280	3104	3110	3115	rBV2	2775818	4275564	100.00%	10.305%
75	21.321	3115	3117	3126	rVB	438120	483000	11.30%	1.164%
76	22.315	3284	3286	3293	rVB2	169301	205405	4.80%	0.495%
77	22.821	3368	3372	3374	rBV	284254	368167	8.61%	0.887%
78	22.856	3375	3378	3383	rVV	204326	376197	8.80%	0.907%
79	23.386	3462	3468	3473	rBV	2031157	3442053	80.51%	8.296%
80	23.527	3486	3492	3499	rBV2	1668864	3133901	73.30%	7.553%
81	24.021	3572	3576	3582	rVB	272445	480094	11.23%	1.157%

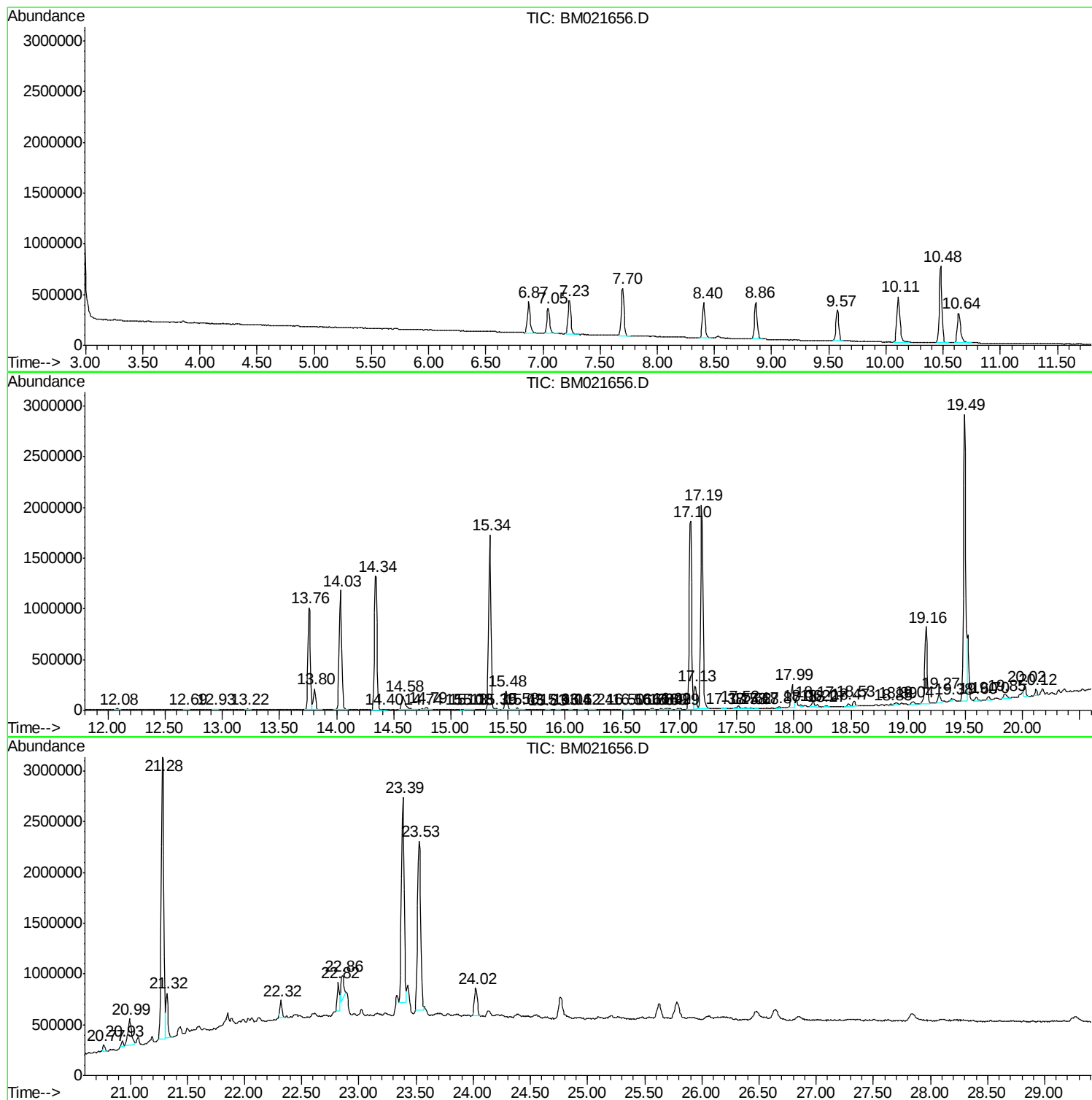
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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



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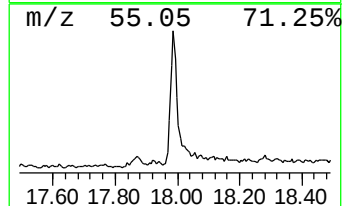
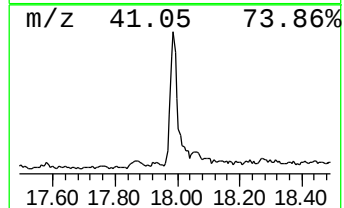
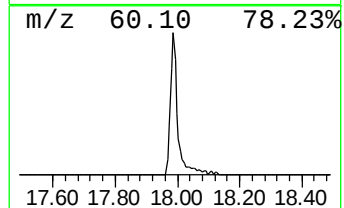
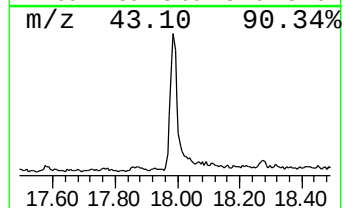
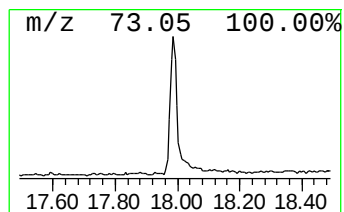
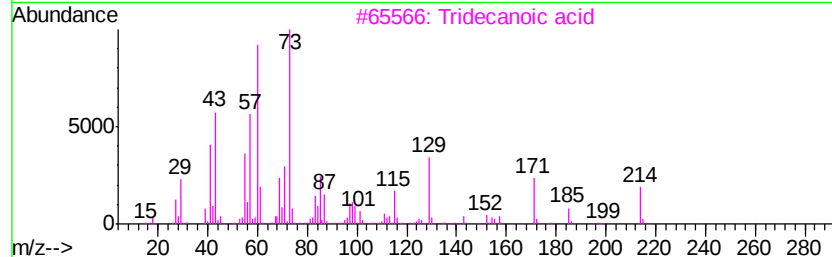
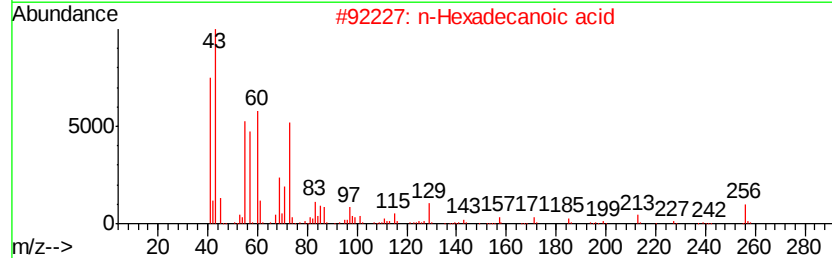
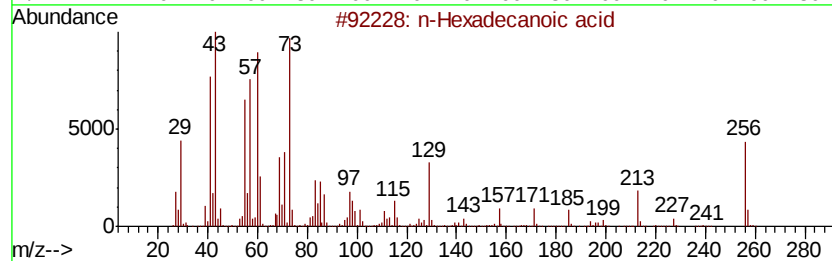
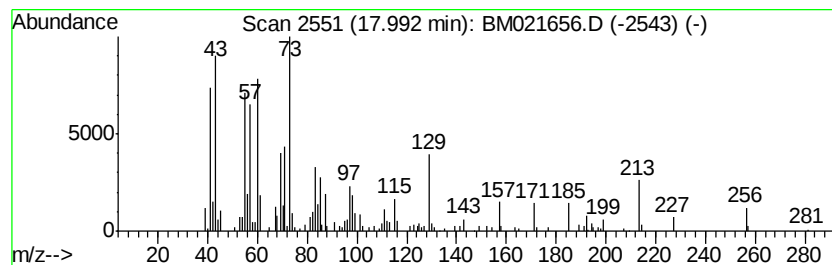
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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.
17.99	2.75 ng/ul	373272	Phenanthrene-d10		17.10
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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



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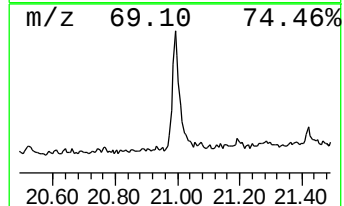
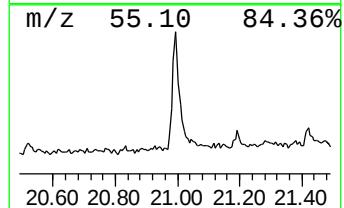
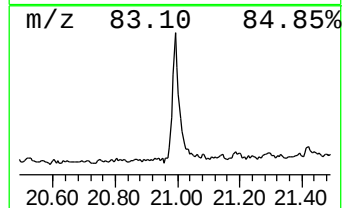
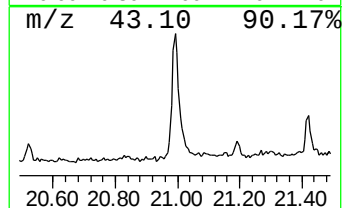
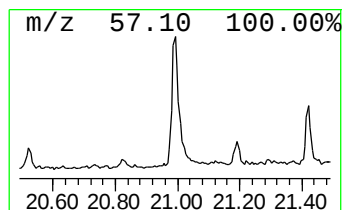
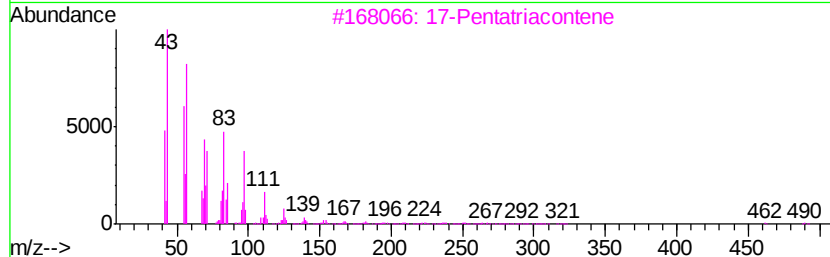
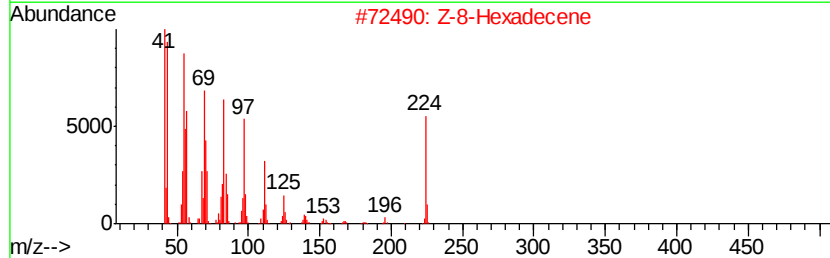
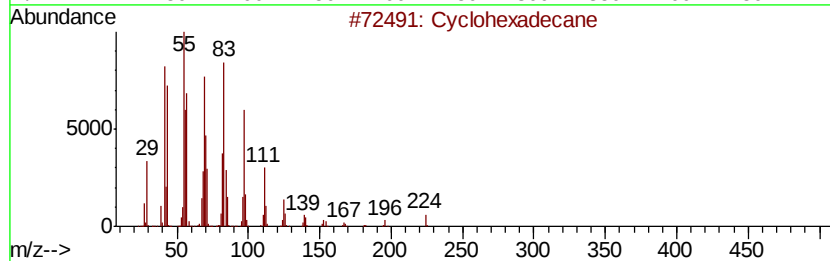
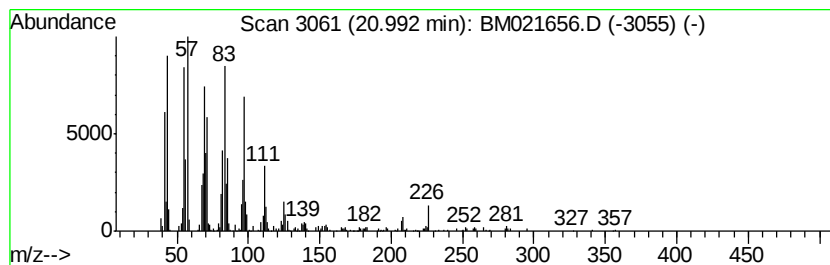
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.70 ng/ul	577393	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 97
2		Z-8-Hexadecene	224 C16H32	1000130-87-5 92
3		17-Pentatriacontene	491 C35H70	006971-40-0 91
4		1-Hexacosanol	382 C26H54O	000506-52-5 91
5		1-Tetracosanol	354 C24H50O	000506-51-4 91



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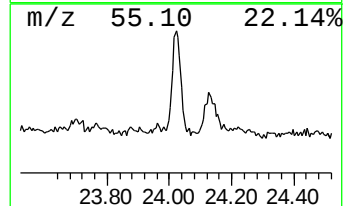
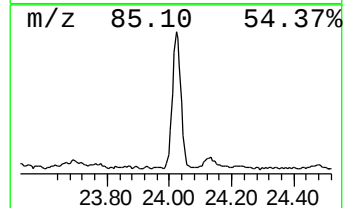
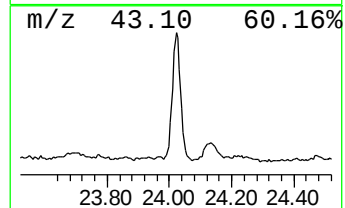
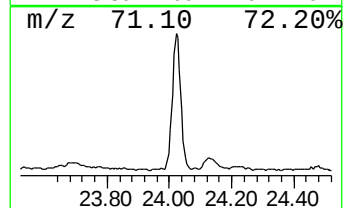
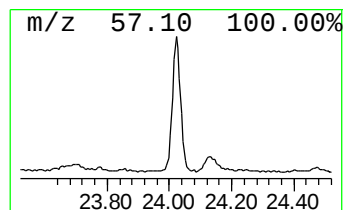
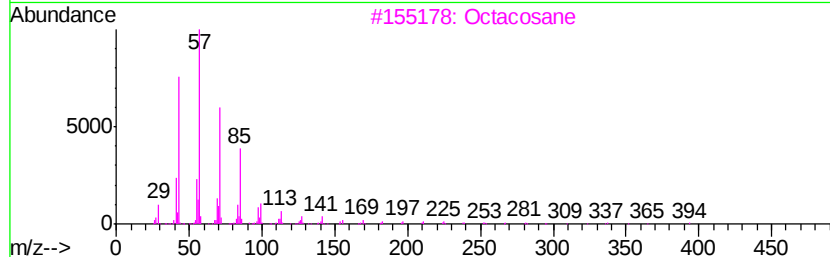
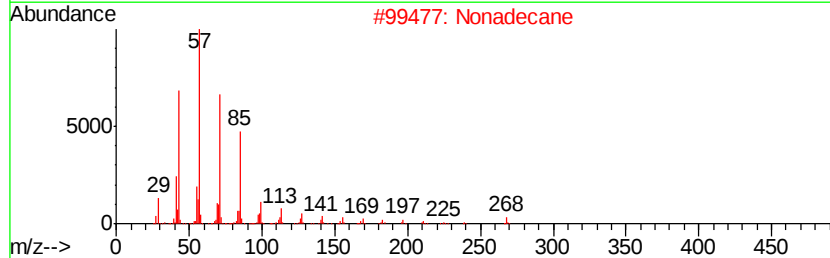
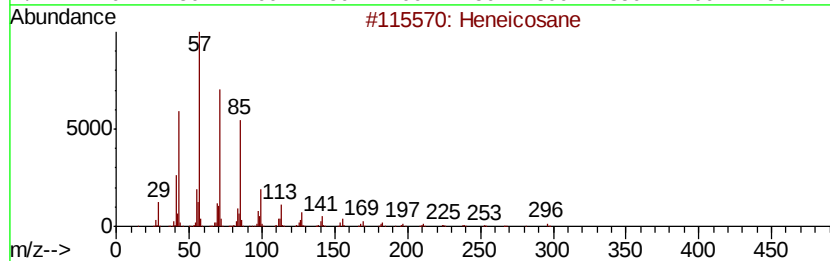
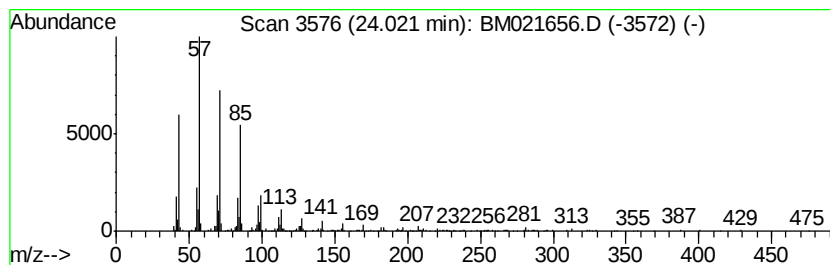
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.06 ng/ul	480094	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Nonadecane	268	C19H40	000629-92-5	93
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.8	ng/ul	373272	4	17.10	2713580	20.0
(DEL) Alkane: Cyc...	20.99	2.7	ng/ul	577393	5	21.29	4275560	20.0
(DEL) Alkane: Str...	24.02	3.1	ng/ul	480094	6	23.53	3133900	20.0