

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019843.D
 Acq On : 10 Apr 2019 00:12
 Operator : JU/SJ
 Sample : K2304-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF891

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	3.116	19	22	31	rVB	43166	65477	3.34%	0.315%
2	3.763	130	132	134	rBV2	2458	2765	0.14%	0.013%
3	4.704	287	292	294	rBV2	6004	7736	0.40%	0.037%
4	5.034	346	348	353	rBV4	2284	3453	0.18%	0.017%
5	5.157	367	369	372	rVB3	2672	2051	0.10%	0.010%
6	5.187	372	374	377	rBV2	1911	2079	0.11%	0.010%
7	6.751	633	640	658	rBV	235965	509962	26.05%	2.452%
8	6.910	661	667	683	rVV	208582	390505	19.94%	1.878%
9	7.092	692	698	712	rVV	336591	568165	29.02%	2.732%
10	7.557	770	777	786	rBV	376658	638530	32.61%	3.071%
11	8.281	894	900	917	rBV	306803	612466	31.28%	2.945%
12	8.728	970	976	995	rVV	260715	493914	25.23%	2.375%
13	9.039	1025	1029	1037	rVB2	12915	18113	0.93%	0.087%
14	9.175	1049	1052	1055	rBV2	1570	2295	0.12%	0.011%
15	9.439	1090	1097	1112	rBV	211204	410270	20.95%	1.973%
16	9.980	1183	1189	1209	rBV	245408	571476	29.19%	2.748%
17	10.333	1242	1249	1263	rBV	500623	839620	42.88%	4.038%
18	10.510	1273	1279	1295	rBV	203177	530107	27.07%	2.549%
19	11.216	1396	1399	1402	rVB2	1758	2419	0.12%	0.012%
20	11.522	1448	1451	1454	rVB	1612	2069	0.11%	0.010%
21	11.969	1523	1527	1528	rBV2	2167	2586	0.13%	0.012%
22	13.404	1768	1771	1775	rVB2	1211	2093	0.11%	0.010%
23	13.639	1805	1811	1816	rBV	543626	806028	41.17%	3.876%
24	13.692	1816	1820	1829	rVV	121821	195902	10.01%	0.942%
25	13.910	1850	1857	1867	rBV	624354	963124	49.19%	4.631%
26	14.133	1886	1895	1904	rBV3	18552	56086	2.86%	0.270%
27	14.221	1904	1910	1919	rVB2	643431	994847	50.81%	4.784%
28	14.515	1954	1960	1980	rBV3	61086	240412	12.28%	1.156%
29	14.651	1981	1983	1984	rBV	2586	2028	0.10%	0.010%
30	14.710	1991	1993	1997	rVB3	3295	3923	0.20%	0.019%
31	14.798	2007	2008	2013	rVB2	2703	2359	0.12%	0.011%
32	15.015	2042	2045	2049	rVB3	1690	2036	0.10%	0.010%
33	15.062	2049	2053	2056	rBV3	4152	4608	0.24%	0.022%
34	15.221	2074	2080	2091	rBV	788848	1210349	61.82%	5.820%

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35	15.386	2102	2108	2119	rBV	157837	284649	14.54%	1.369%
36	15.468	2119	2122	2128	rVB3	10686	14233	0.73%	0.068%
37	16.180	2239	2243	2247	rBV	2374	2611	0.13%	0.013%
38	16.333	2266	2269	2274	rBV	1800	2012	0.10%	0.010%
39	16.574	2306	2310	2312	rBV4	1870	2769	0.14%	0.013%
40	16.980	2373	2379	2390	rBV	787553	1062449	54.26%	5.109%
41	17.080	2390	2396	2411	rVV2	722598	1144561	58.46%	5.504%
42	17.374	2442	2446	2452	rVB5	3697	6340	0.32%	0.030%
43	17.551	2474	2476	2479	rBV3	2689	3327	0.17%	0.016%
44	17.598	2481	2484	2486	rBV	2003	2230	0.11%	0.011%
45	17.639	2490	2491	2496	rVB3	2859	3679	0.19%	0.018%
46	17.686	2496	2499	2502	rBV3	1821	3174	0.16%	0.015%
47	17.874	2526	2531	2543	rVV	104169	197328	10.08%	0.949%
48	18.015	2553	2555	2558	rVB4	3678	4087	0.21%	0.020%
49	18.039	2558	2559	2562	rBV3	3037	2985	0.15%	0.014%
50	18.062	2562	2563	2566	rBV2	3252	3421	0.17%	0.016%
51	18.227	2590	2591	2595	rVB4	3168	3157	0.16%	0.015%
52	18.462	2630	2631	2633	rBV2	3546	2078	0.11%	0.010%
53	18.627	2657	2659	2663	rBV4	2155	2122	0.11%	0.010%
54	18.945	2710	2713	2715	rBV3	4597	4445	0.23%	0.021%
55	19.033	2723	2728	2729	rBV4	15242	23546	1.20%	0.113%
56	19.168	2747	2751	2757	rBV4	35805	68723	3.51%	0.330%
57	19.392	2783	2789	2800	rBV	945317	1346138	68.75%	6.473%
58	19.633	2825	2830	2838	rBV	89838	150357	7.68%	0.723%
59	20.892	3040	3044	3050	rBV	260618	351886	17.97%	1.692%
60	21.192	3090	3095	3101	rBV	1056795	1405179	71.77%	6.757%
61	21.321	3115	3117	3121	rVB	56906	55501	2.83%	0.267%
62	21.744	3186	3189	3192	rBV	105143	123652	6.32%	0.595%
63	22.191	3262	3265	3272	rVB	166469	223811	11.43%	1.076%
64	22.686	3345	3349	3355	rBV2	229009	318567	16.27%	1.532%
65	23.256	3438	3446	3459	rVB2	871188	1957993	100.00%	9.416%
66	23.397	3464	3470	3480	rVB	741040	1456454	74.39%	7.004%
67	23.856	3544	3548	3559	rVB	221196	401836	20.52%	1.932%

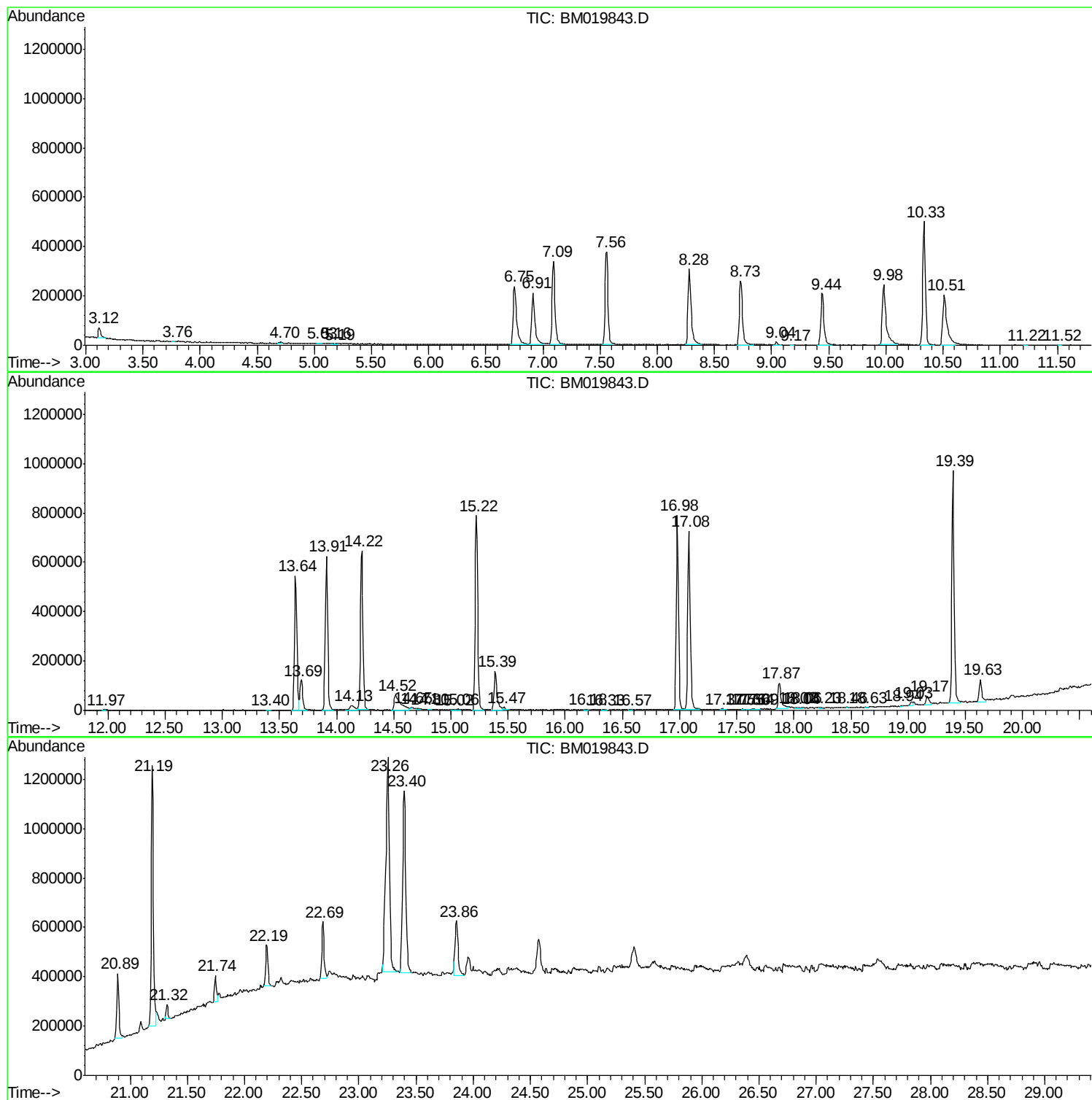
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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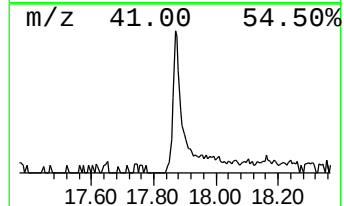
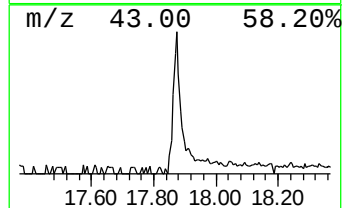
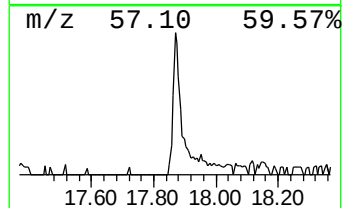
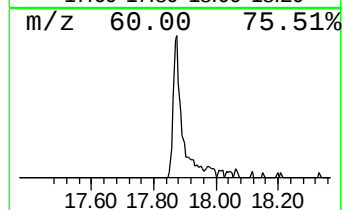
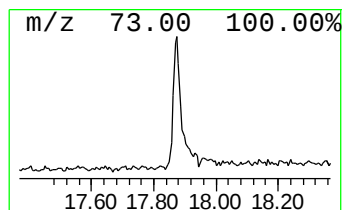
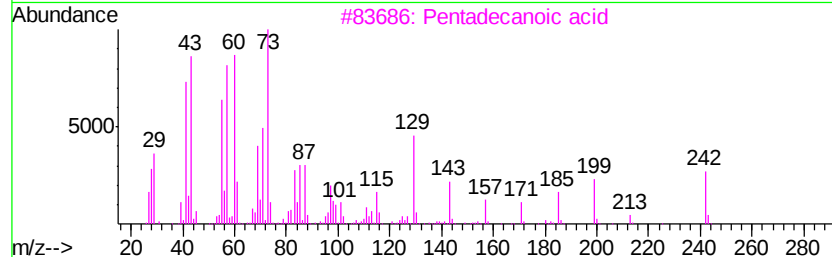
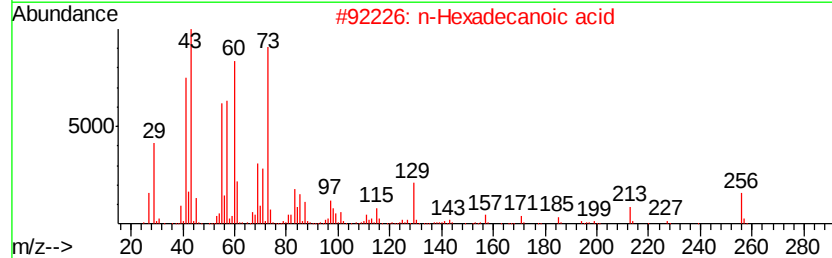
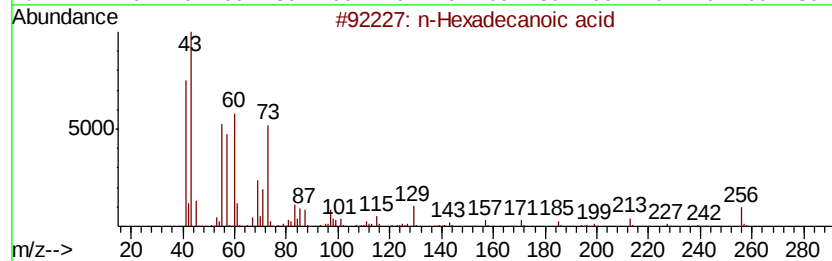
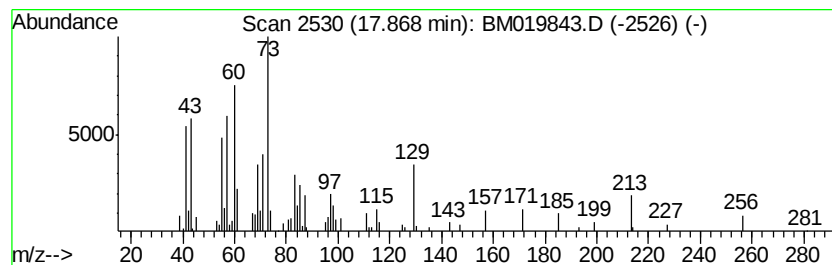
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	3.71 ng/ul	197328	Phenanthrene-d10		16.98	
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	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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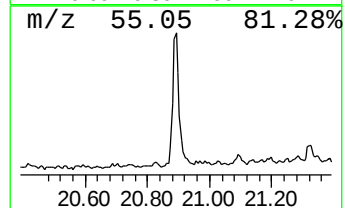
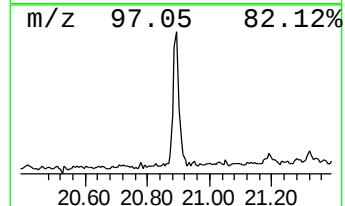
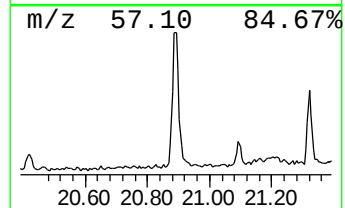
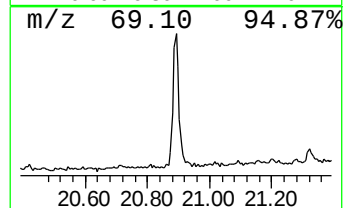
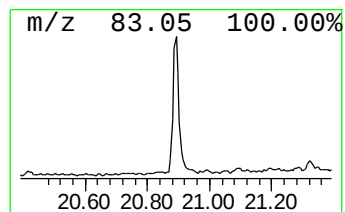
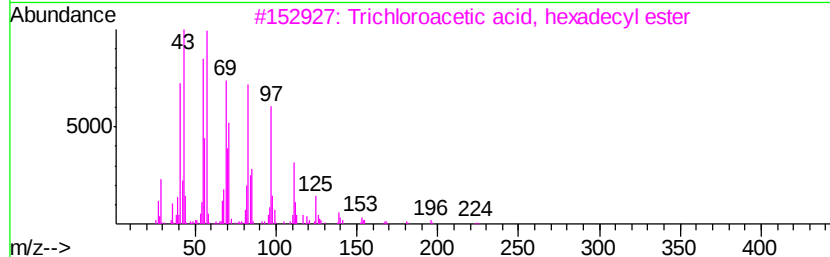
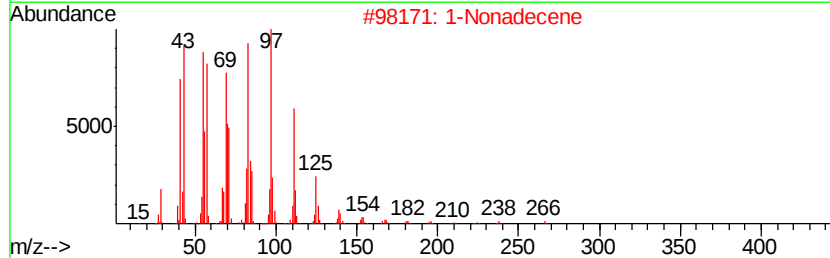
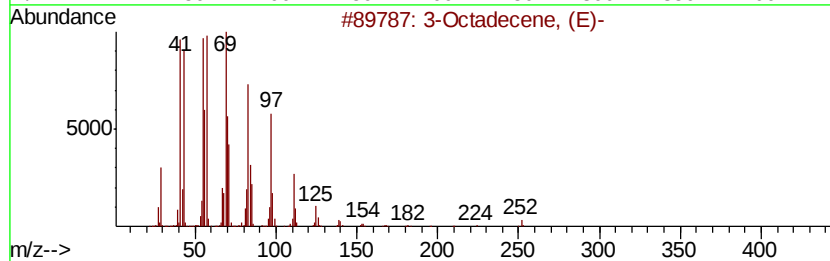
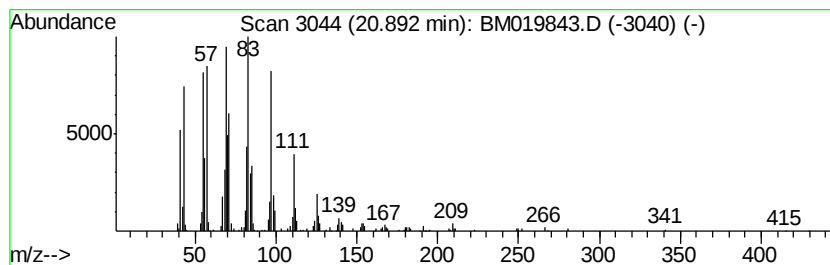
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	5.01 ng/ul	351886	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	98
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



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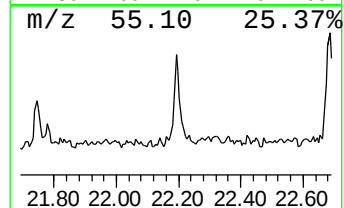
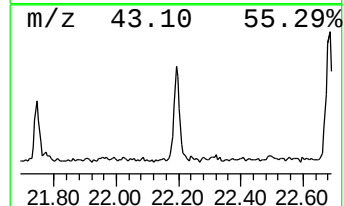
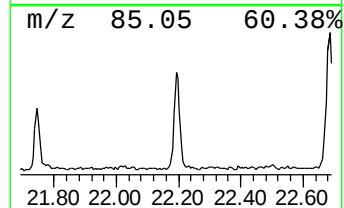
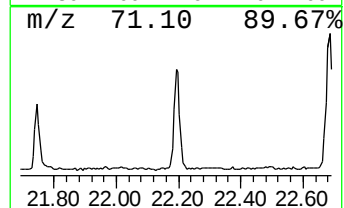
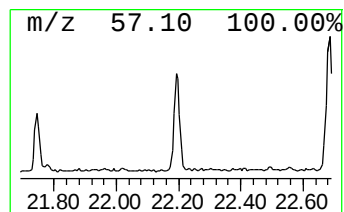
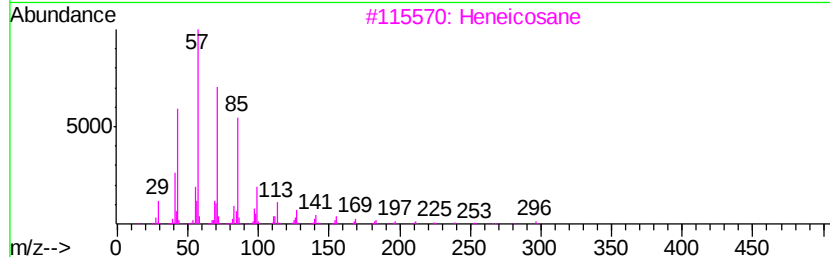
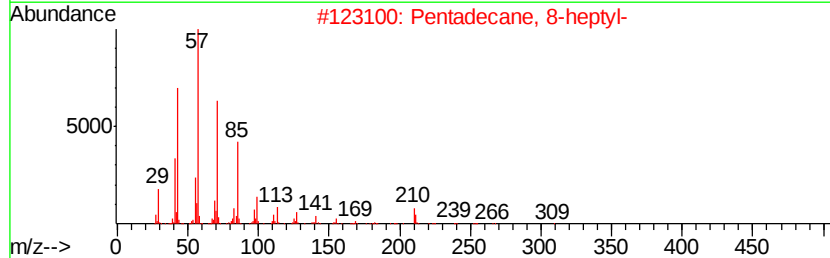
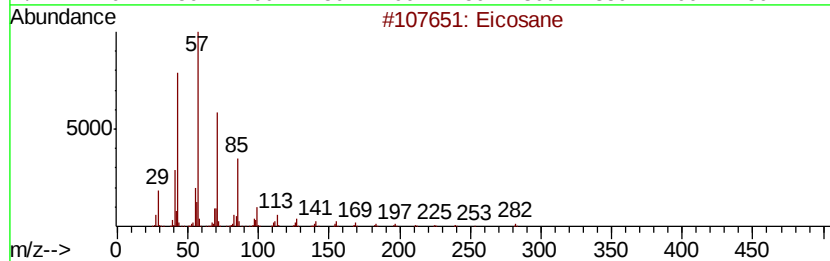
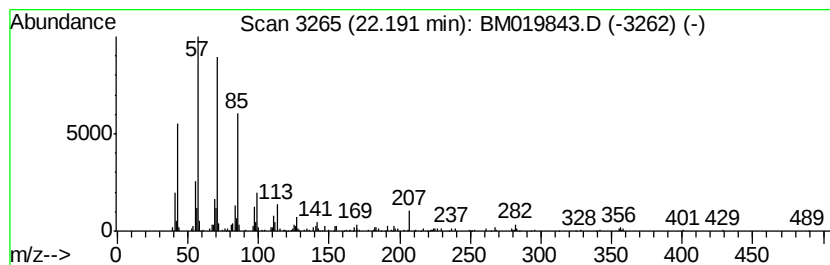
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.19 ng/ul	223811	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentacosane	352	C25H52	000629-99-2	86
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



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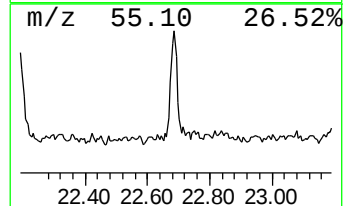
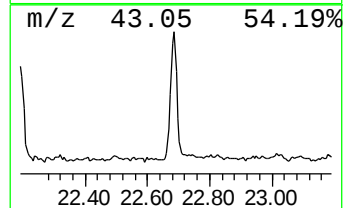
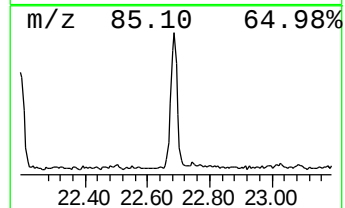
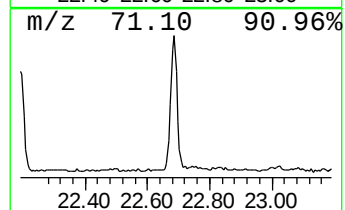
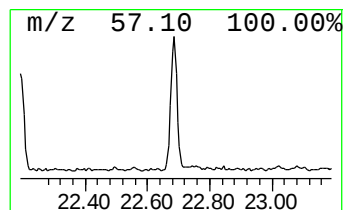
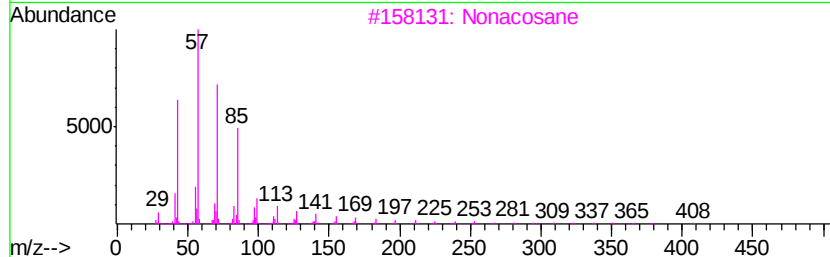
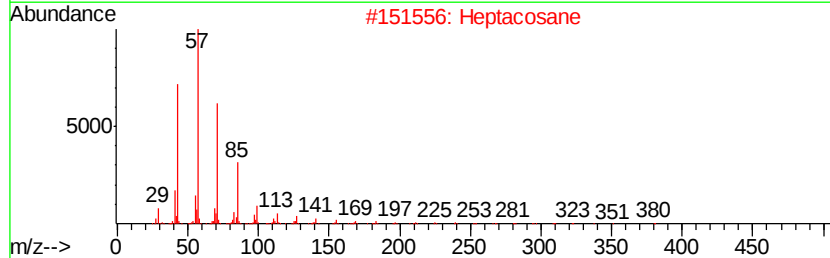
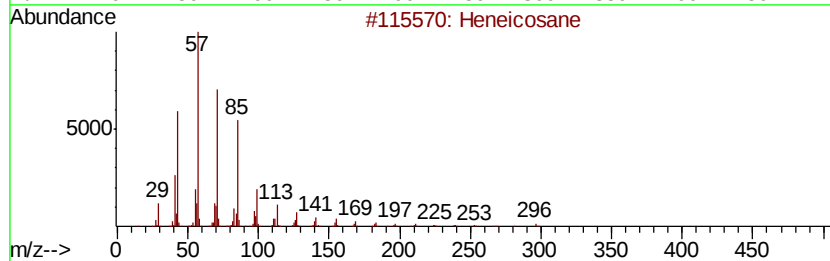
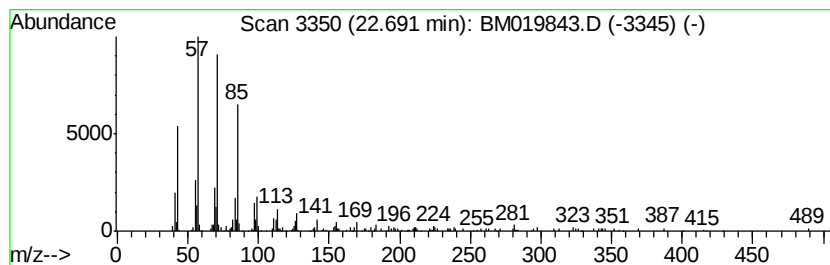
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.37 ng/ul	318567	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	90



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BF891

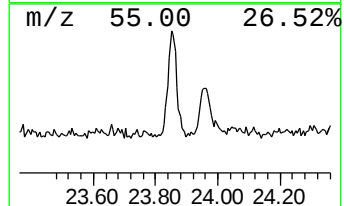
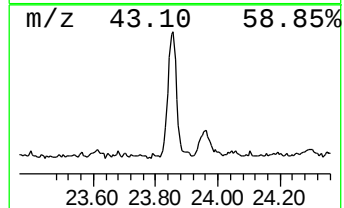
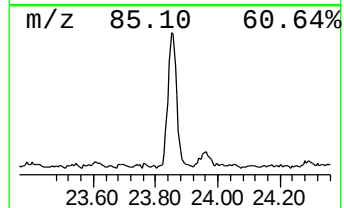
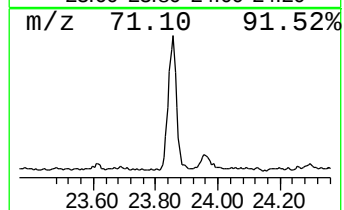
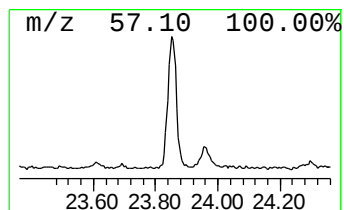
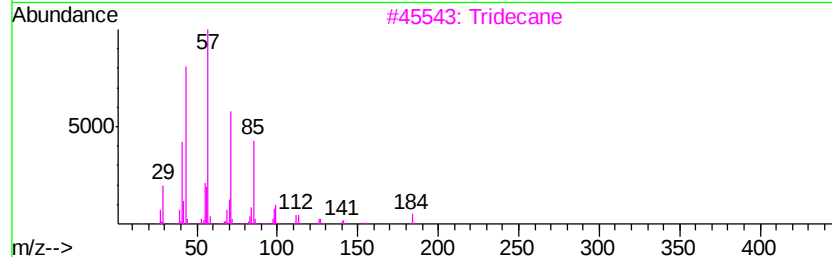
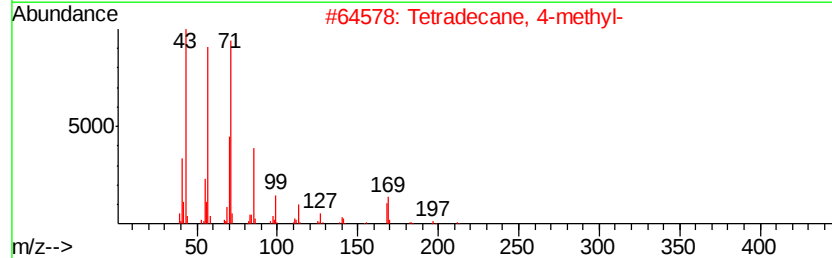
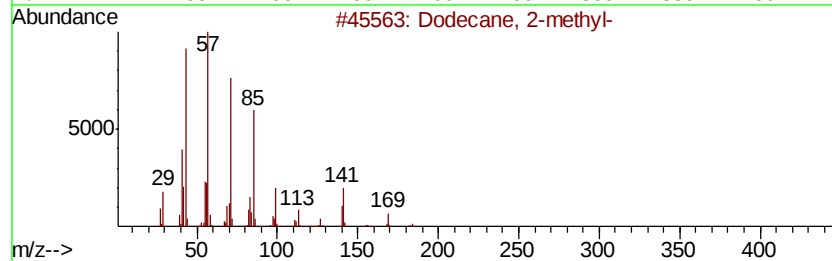
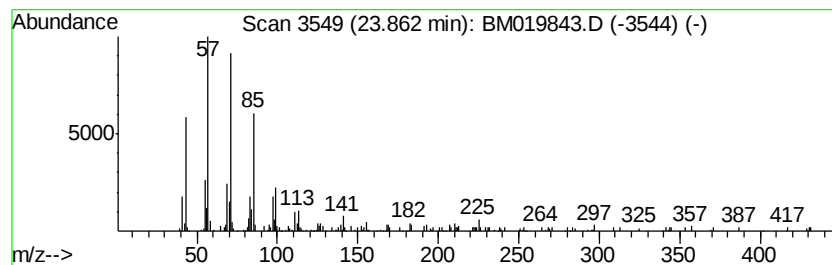
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.52 ng/ul	401836	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	86
3		Tridecane	184	C13H28	000629-50-5	83
4		Heptacosane	380	C27H56	000593-49-7	74
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019843.D
Acq On : 10 Apr 2019 00:12
Operator : JU/SJ
Sample : K2304-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF891

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.7	ng/ul	197328	4	16.98	1062450	20.0
(DEL) Alkane: Cyc...	20.89	5.0	ng/ul	351886	5	21.19	1405180	20.0
(DEL) Alkane: Str...	22.19	3.2	ng/ul	223811	5	21.19	1405180	20.0
(DEL) Alkane: Str...	22.69	4.4	ng/ul	318567	6	23.40	1456450	20.0
(DEL) Alkane: Str...	23.86	5.5	ng/ul	401836	6	23.40	1456450	20.0