

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010664.D
 Acq On : 22 Jun 2017 17:46
 Operator : SJ/JU
 Sample : I3627-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A03

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-BM062017.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	6.645	632	639	650	rVB	219055	363518	18.22%	1.589%
2	6.816	662	668	675	rBV	156419	232450	11.65%	1.016%
3	6.998	694	699	706	rVB	228997	342550	17.17%	1.498%
4	7.463	772	778	784	rVB	232946	341295	17.11%	1.492%
5	8.169	892	898	905	rBB	297638	456418	22.88%	1.995%
6	8.604	966	972	982	rBB	224188	355620	17.83%	1.555%
7	9.322	1087	1094	1101	rBV	204115	325722	16.33%	1.424%
8	9.851	1178	1184	1191	rVB	348227	536666	26.90%	2.346%
9	10.228	1241	1248	1254	rBV	313668	520576	26.10%	2.276%
10	10.363	1265	1271	1280	rBV	247130	410031	20.56%	1.793%
11	13.533	1804	1810	1814	rBV	725942	956733	47.96%	4.183%
12	13.580	1814	1818	1824	rVB	295658	373136	18.71%	1.631%
13	13.798	1849	1855	1868	rBV	658699	992895	49.78%	4.341%
14	14.116	1902	1909	1917	rBB2	523655	798631	40.04%	3.492%
15	14.321	1938	1944	1951	rBV	286780	376865	18.89%	1.648%
16	15.116	2072	2079	2088	rBV	930154	1271791	63.76%	5.560%
17	15.239	2093	2100	2108	rBB	272273	364023	18.25%	1.591%
18	16.868	2370	2377	2382	rBV	790457	1062962	53.29%	4.647%
19	16.968	2387	2394	2403	rVV2	1037352	1469950	73.69%	6.426%
20	17.792	2529	2534	2543	rBV2	162991	210782	10.57%	0.922%
21	18.674	2678	2684	2690	rBV6	34986	45582	2.29%	0.199%
22	18.809	2703	2707	2715	rVB	44461	66418	3.33%	0.290%
23	18.939	2724	2729	2736	rVB	204043	284151	14.24%	1.242%
24	19.092	2750	2755	2762	rBV	237025	317444	15.91%	1.388%
25	19.162	2762	2767	2774	rVV5	16149	37169	1.86%	0.162%
26	19.274	2777	2786	2790	rVV	1297052	1994761	100.00%	8.721%
27	19.303	2790	2791	2799	rVB	430989	366129	18.35%	1.601%
28	19.551	2827	2833	2839	rVB7	11760	20992	1.05%	0.092%
29	19.645	2842	2849	2854	rBV4	32437	68553	3.44%	0.300%
30	19.780	2866	2872	2881	rVB6	39531	109127	5.47%	0.477%
31	19.962	2897	2903	2908	rBV3	57156	94239	4.72%	0.412%
32	20.103	2923	2927	2931	rBV	37297	47612	2.39%	0.208%
33	20.150	2931	2935	2939	rBV2	28634	40675	2.04%	0.178%
34	20.298	2958	2960	2964	rVB5	19864	21064	1.06%	0.092%

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35	20.509	2994	2996	3000	rBV4	25829	29564	1.48%	0.129%
36	20.556	3000	3004	3010	rVB	43856	68854	3.45%	0.301%
37	20.727	3027	3033	3036	rBV4	38582	69562	3.49%	0.304%
38	20.768	3037	3040	3042	rBV	27851	25079	1.26%	0.110%
39	20.797	3042	3045	3047	rBV	49459	60990	3.06%	0.267%
40	21.009	3077	3081	3084	rBV3	61431	69036	3.46%	0.302%
41	21.080	3086	3093	3097	rVV2	1159741	1801242	90.30%	7.875%
42	21.115	3097	3099	3106	rVB	179046	233074	11.68%	1.019%
43	21.374	3140	3143	3148	rBV4	55592	90815	4.55%	0.397%
44	21.621	3179	3185	3190	rVB	57483	86790	4.35%	0.379%
45	21.668	3190	3193	3200	rBV4	35197	71051	3.56%	0.311%
46	22.586	3343	3349	3361	rBV	327041	956998	47.98%	4.184%
47	22.744	3373	3376	3383	rVB2	37837	53135	2.66%	0.232%
48	23.039	3421	3426	3429	rBV	148895	261080	13.09%	1.141%
49	23.091	3429	3435	3439	rVV2	894805	1600679	80.24%	6.998%
50	23.127	3439	3441	3449	rVB2	199839	361580	18.13%	1.581%
51	23.221	3451	3457	3462	rBV	617593	1050884	52.68%	4.594%
52	23.756	3542	3548	3556	rVB2	119797	227465	11.40%	0.994%
53	24.456	3663	3667	3674	rVB5	64569	127506	6.39%	0.557%
54	25.274	3800	3806	3809	rBV6	42580	100069	5.02%	0.437%
55	25.333	3812	3816	3823	rVB3	79889	172874	8.67%	0.756%
56	26.221	3961	3967	3970	rBV6	36001	78645	3.94%	0.344%

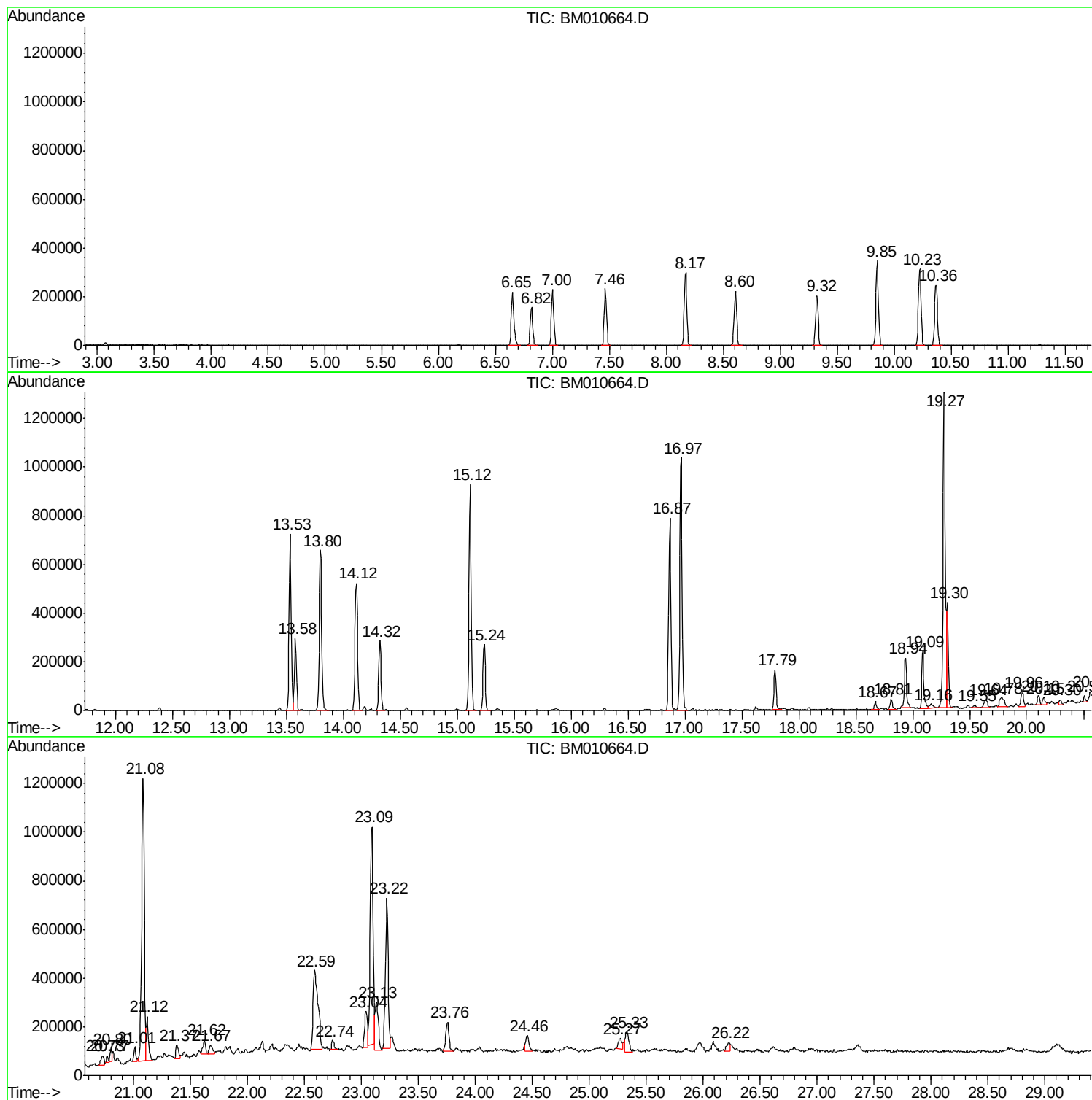
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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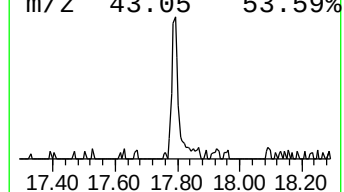
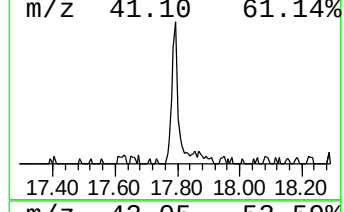
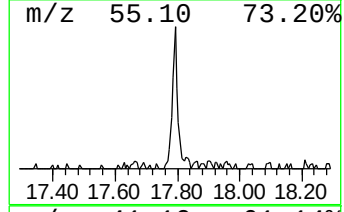
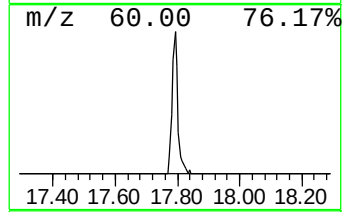
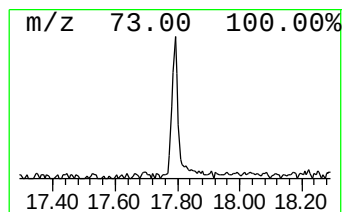
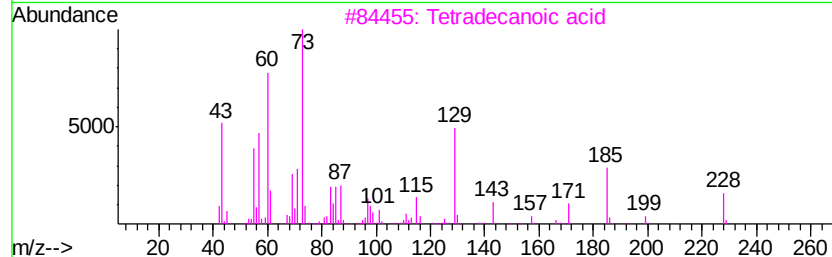
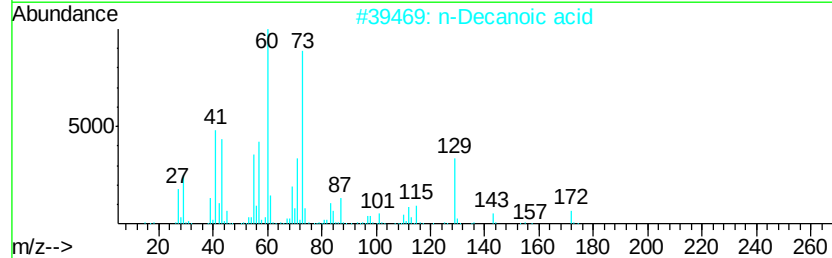
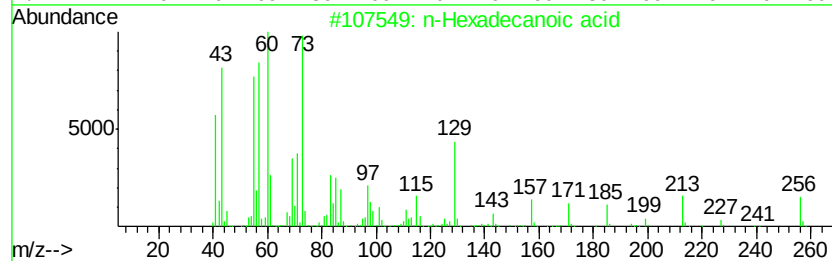
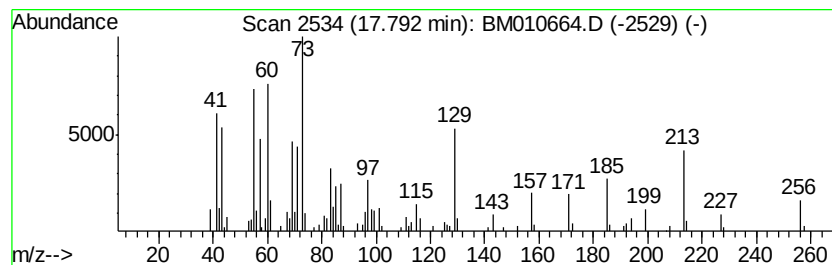
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.97 ng/ul	210782	Phenanthrene-d10	16.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 76
2		n-Decanoic acid	172 C10H20O2	000334-48-5 70
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 64
4		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 62
5		Tridecanoic acid	214 C13H26O2	000638-53-9 60



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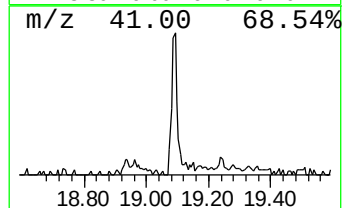
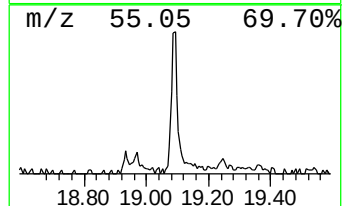
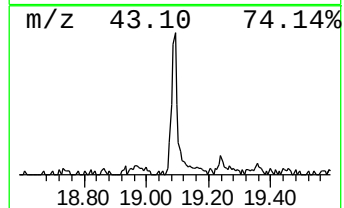
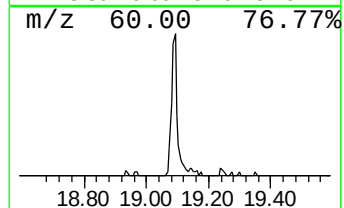
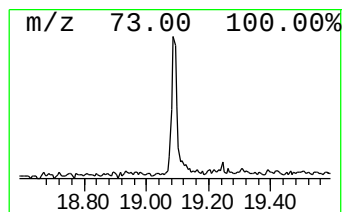
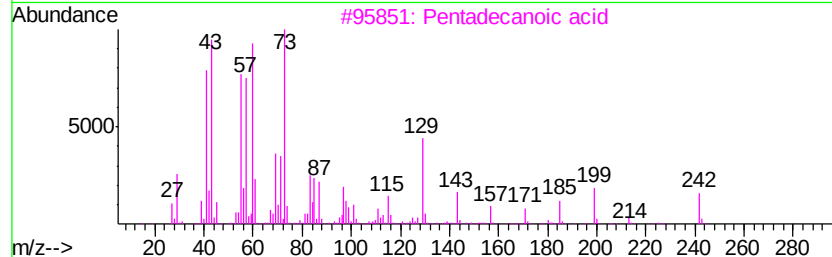
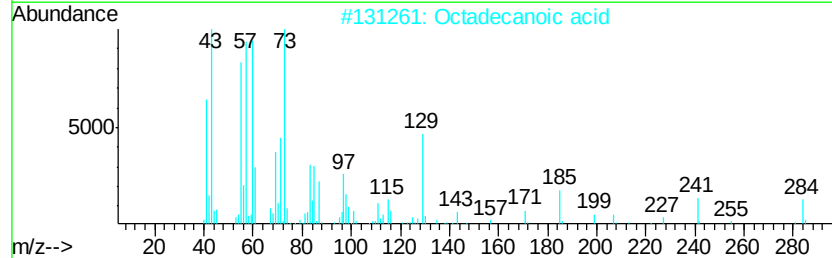
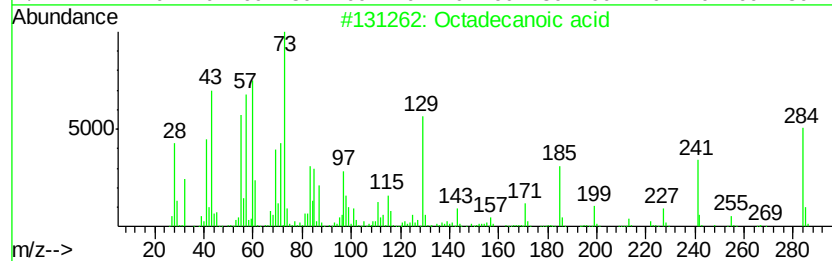
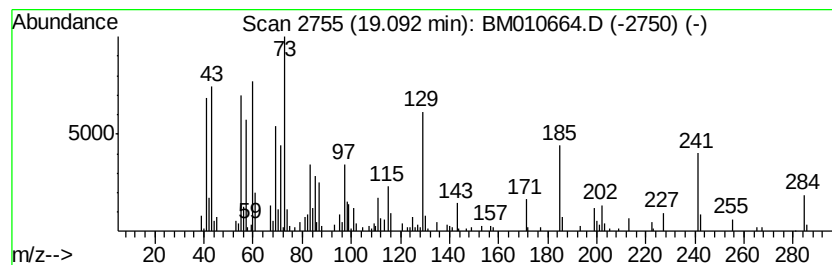
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.09	3.52 ng/ul	317444	Chrysene-d12		21.08
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70



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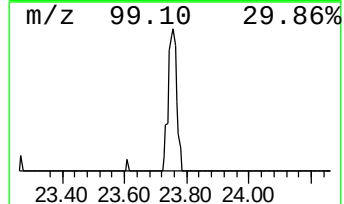
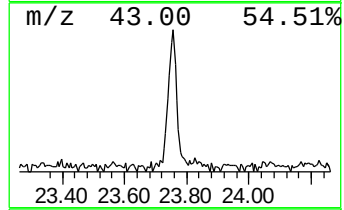
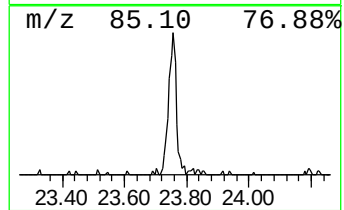
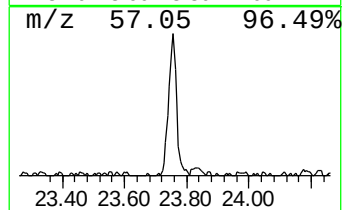
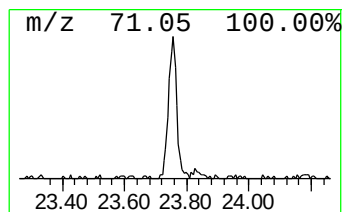
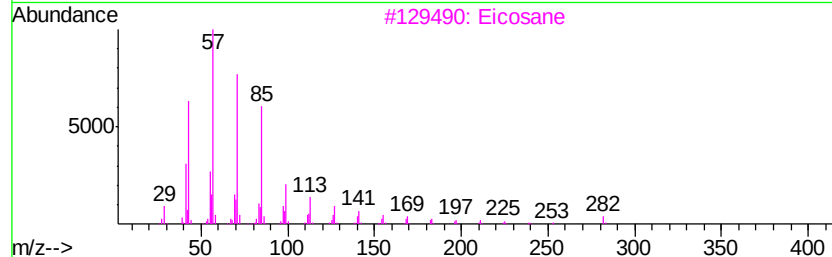
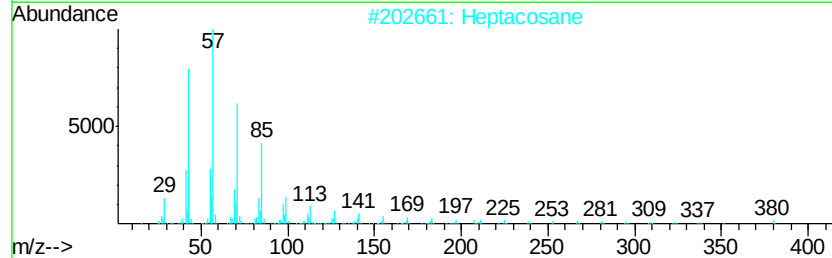
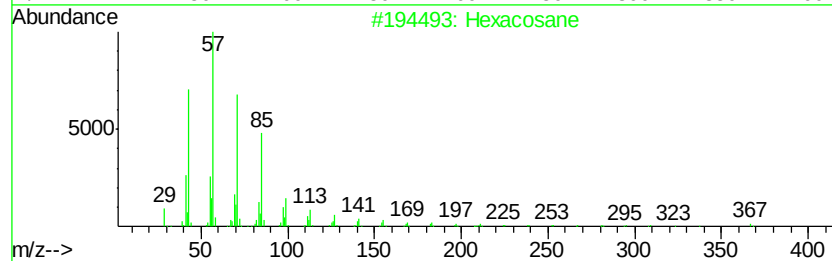
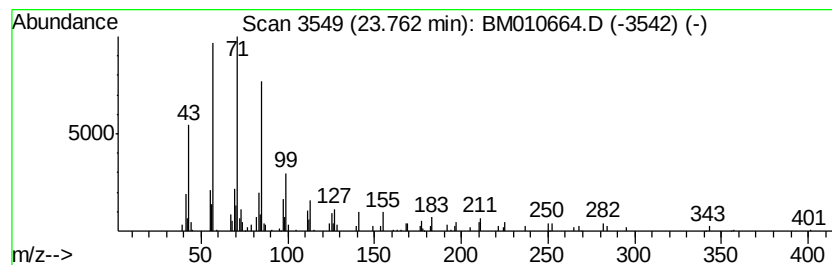
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	4.33 ng/ul	227465	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		triacontane	422	C30H62	000638-68-6	87



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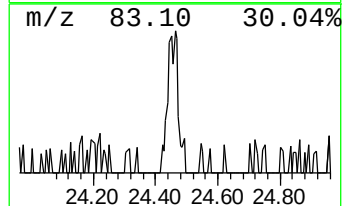
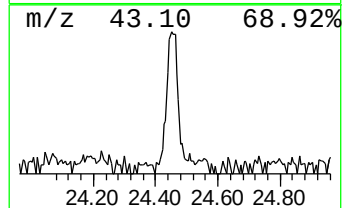
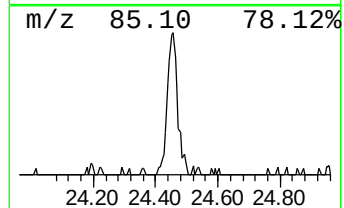
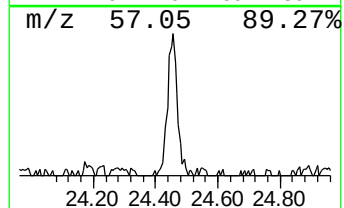
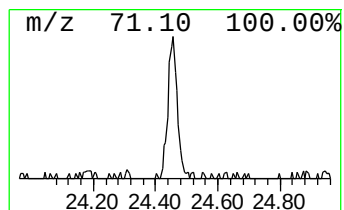
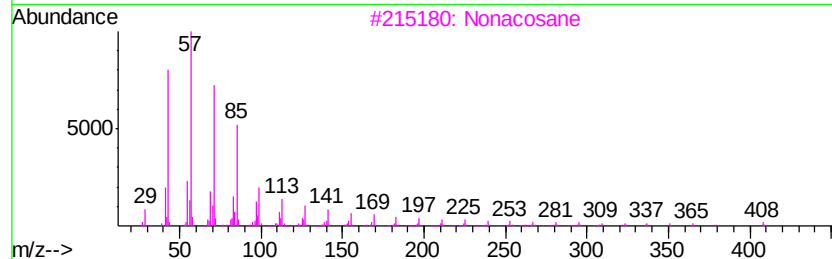
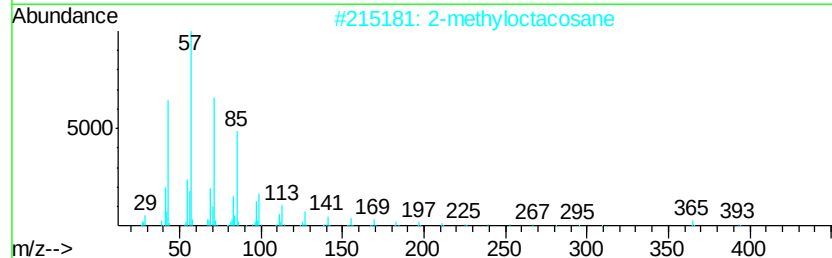
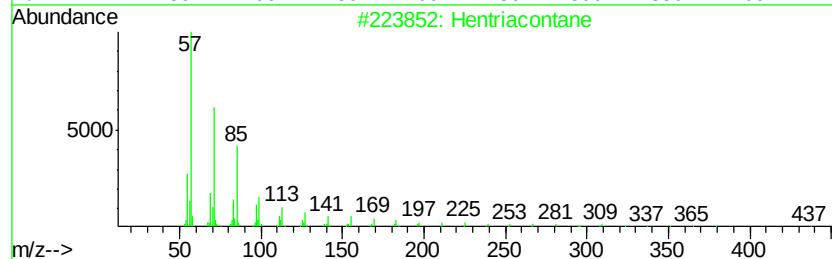
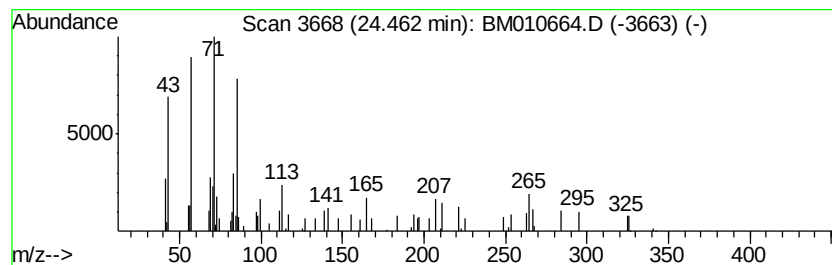
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.43 ng/ul	127506	Perylene-d12	23.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	80
2			2-methyloctacosane	408	C29H60	1000376-72-8	72
3			Nonacosane	408	C29H60	000630-03-5	72
4			Hentriacontane	437	C31H64	000630-04-6	72
5			Tetratetracontane	619	C44H90	007098-22-8	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	4.0	ng/ul	210782	4	16.87	1062960	20.0
Octadecanoic acid	19.09	3.5	ng/ul	317444	5	21.08	1801240	20.0
(DEL) Alkane: Str...	23.76	4.3	ng/ul	227465	6	23.22	1050880	20.0
(DEL) Alkane: Str...	24.46	2.4	ng/ul	127506	6	23.22	1050880	20.0