

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004649.D
 Acq On : 07 Mar 2019 22:24
 Operator : JU/SJ
 Sample : K1721-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF8B7

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_N\METHODS\SOM-EPA-BN030719MA.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	3.228	38	41	47	rVB	4911	6257	0.51%	0.061%
2	6.881	657	662	671	rBB2	28441	47204	3.86%	0.460%
3	7.063	687	693	703	rBB	85032	132119	10.79%	1.288%
4	7.252	719	725	731	rBB	106894	160419	13.10%	1.564%
5	7.722	799	805	811	rBB	128496	193617	15.82%	1.888%
6	8.416	917	923	930	rBB	94640	140167	11.45%	1.367%
7	8.881	996	1002	1009	rBB	117821	183172	14.96%	1.786%
8	9.598	1118	1124	1130	rBB	100279	155925	12.74%	1.521%
9	10.122	1207	1213	1221	rBB	171431	269240	21.99%	2.626%
10	10.510	1272	1279	1286	rBB	190749	321059	26.23%	3.131%
11	10.651	1299	1303	1308	rBB	4312	5917	0.48%	0.058%
12	12.098	1545	1549	1552	rBB	2071	2557	0.21%	0.025%
13	13.775	1828	1834	1839	rBV	353550	480584	39.26%	4.687%
14	13.816	1839	1841	1846	rVB	6602	7335	0.60%	0.072%
15	14.057	1875	1882	1888	rBV	410951	578080	47.22%	5.638%
16	14.363	1928	1934	1941	rBB2	324325	476418	38.92%	4.646%
17	14.563	1963	1968	1973	rBB	31715	44150	3.61%	0.431%
18	15.104	2057	2060	2063	rBB	2875	3370	0.28%	0.033%
19	15.357	2097	2103	2109	rBB	544438	737725	60.26%	7.194%
20	15.480	2118	2124	2129	rBV	177660	225183	18.39%	2.196%
21	15.592	2140	2143	2147	rBB	3567	3989	0.33%	0.039%
22	17.110	2395	2401	2409	rBB	444949	613829	50.14%	5.986%
23	17.210	2412	2418	2424	rBV2	607193	834113	68.13%	8.134%
24	17.863	2527	2529	2535	rBB	3219	3593	0.29%	0.035%
25	17.992	2546	2551	2562	rBV	68481	94755	7.74%	0.924%
26	18.345	2607	2611	2615	rBB2	1590	2099	0.17%	0.020%
27	18.892	2701	2704	2708	rBV	1865	1801	0.15%	0.018%
28	19.027	2721	2727	2728	rBV2	1023	1270	0.10%	0.012%
29	19.145	2740	2747	2753	rBV2	6973	12190	1.00%	0.119%
30	19.280	2766	2770	2778	rBV	25389	34607	2.83%	0.337%
31	19.398	2786	2790	2793	rVB	4922	5245	0.43%	0.051%
32	19.510	2803	2809	2816	rBV	797949	1054961	86.17%	10.288%
33	20.016	2892	2895	2898	rBV2	1938	2093	0.17%	0.020%
34	20.539	2982	2984	2987	rVB3	2306	1999	0.16%	0.019%

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Max Peaks: 100
Peak Location: TOP

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Peak separation: 5

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35	21.004	3059	3063	3072	rBV	31725	45806	3.74%	0.447%
36	21.133	3083	3085	3087	rBV3	1204	1235	0.10%	0.012%
37	21.210	3096	3098	3099	rVB2	2586	1244	0.10%	0.012%
38	21.304	3109	3114	3120	rBV	664375	829130	67.73%	8.086%
39	21.439	3134	3137	3141	rBV	13893	15957	1.30%	0.156%
40	21.874	3207	3211	3222	rBV	26364	30634	2.50%	0.299%
41	22.339	3286	3290	3296	rVB	47142	59255	4.84%	0.578%
42	22.468	3308	3312	3315	rBV	6004	6995	0.57%	0.068%
43	22.845	3368	3376	3384	rVB	58658	88920	7.26%	0.867%
44	23.421	3465	3474	3485	rBV2	654431	1224236	100.00%	11.939%
45	23.562	3490	3498	3510	rVB2	426149	803439	65.63%	7.835%
46	24.062	3576	3583	3590	rBV	54803	102008	8.33%	0.995%
47	24.809	3703	3710	3723	rBV2	44271	108614	8.87%	1.059%
48	25.680	3851	3858	3867	rVB2	23356	58953	4.82%	0.575%
49	26.709	4028	4033	4045	rVB4	15244	40573	3.31%	0.396%

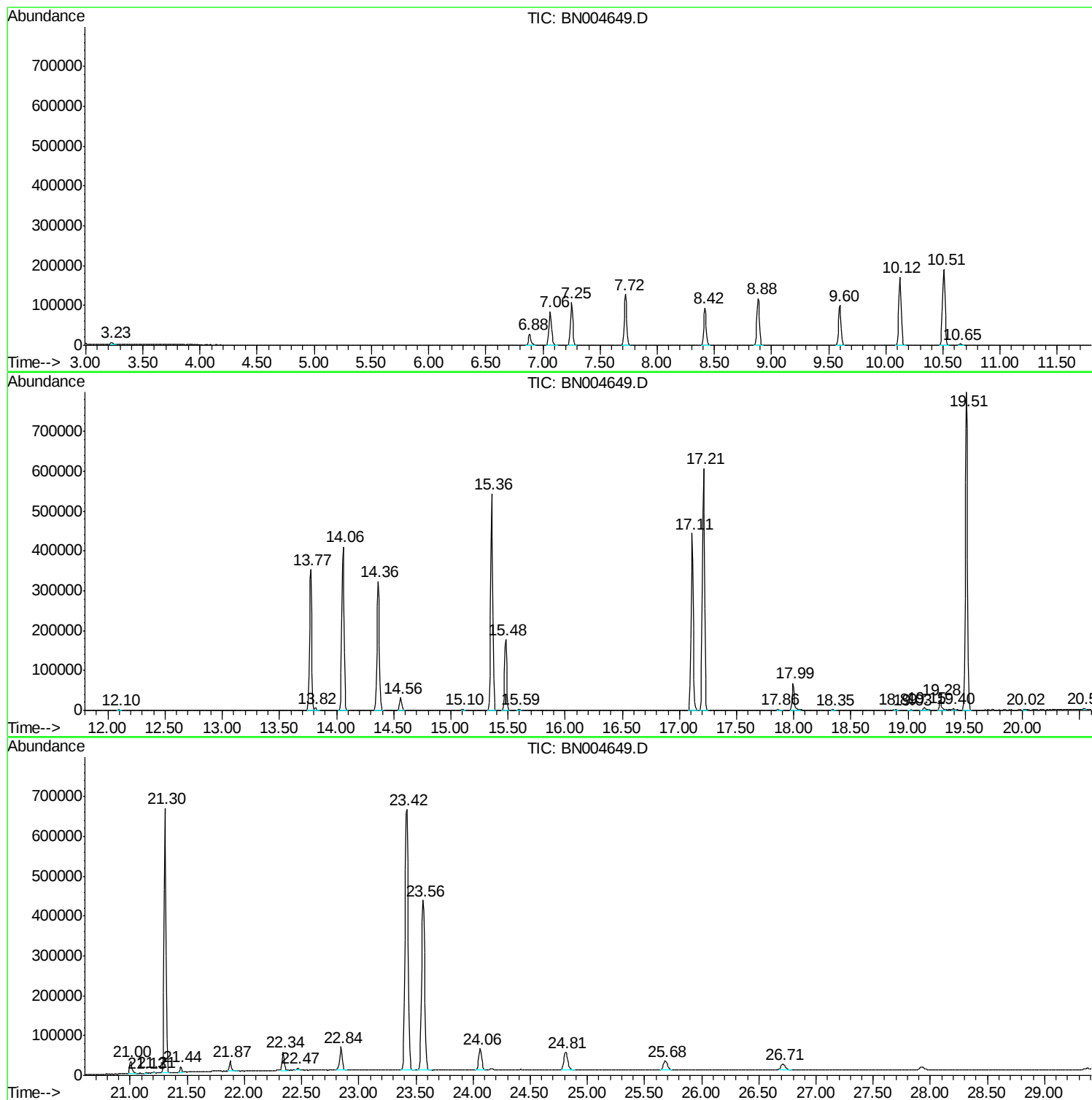
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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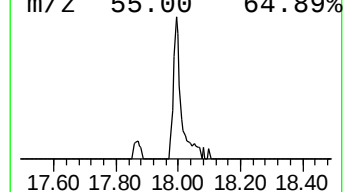
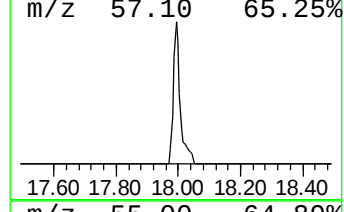
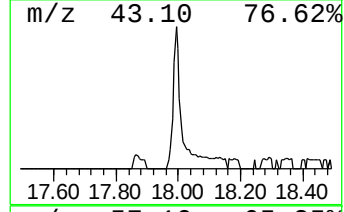
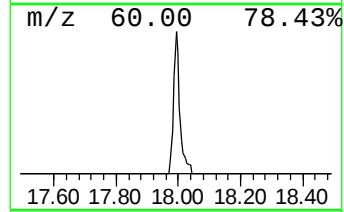
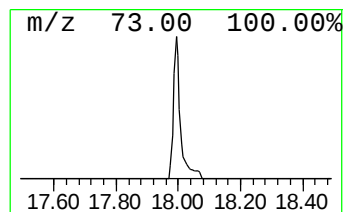
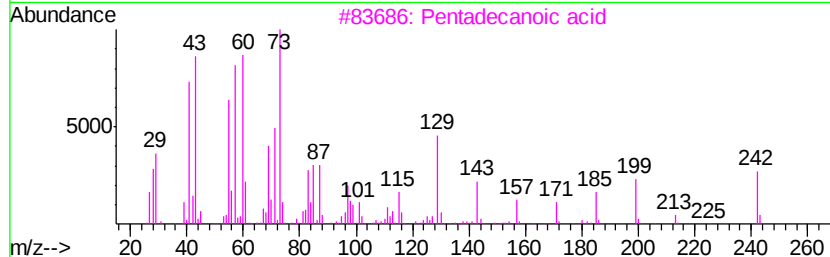
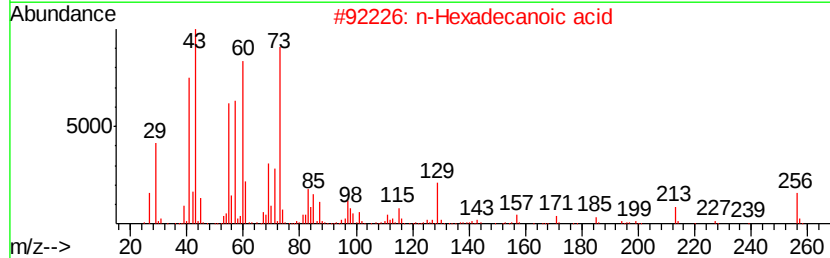
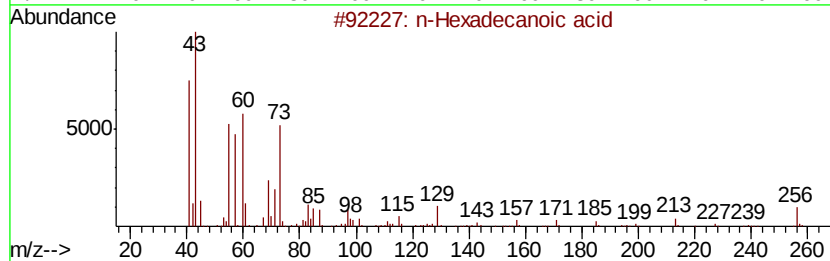
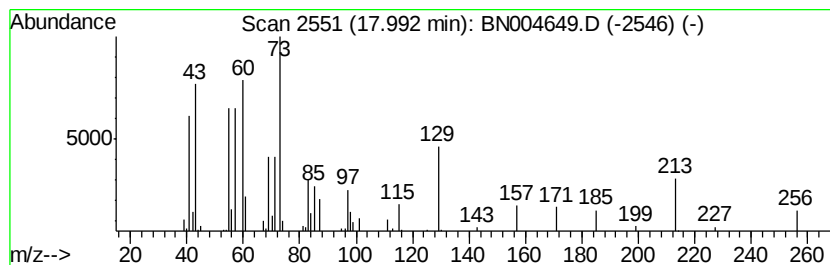
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	3.09 ng/ul	94755	Phenanthrene-d10		17.11	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	86
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
5	Tridecanoic acid		214	C13H26O2	000638-53-9	76



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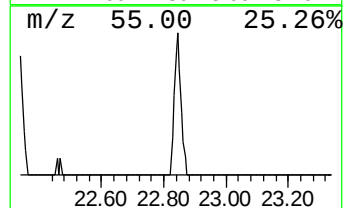
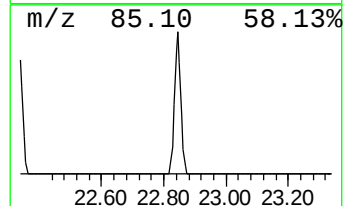
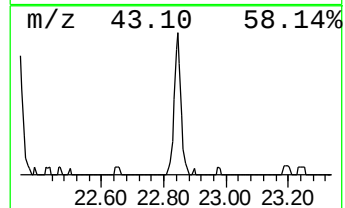
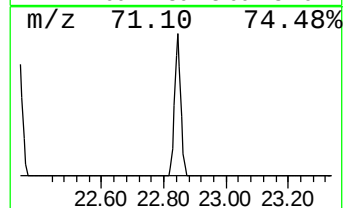
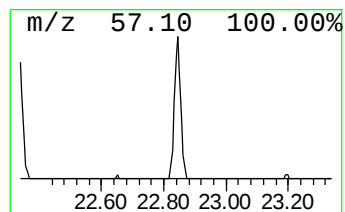
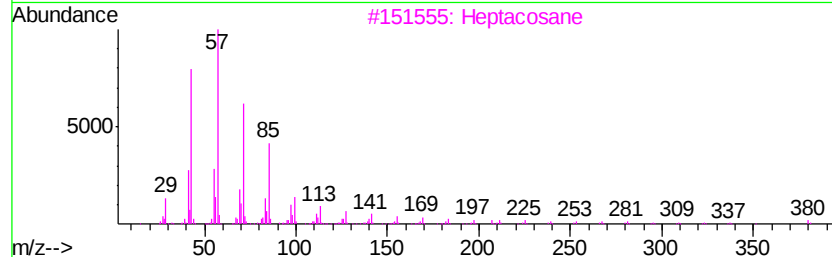
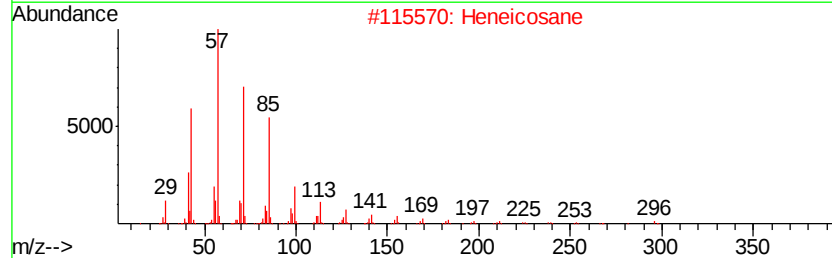
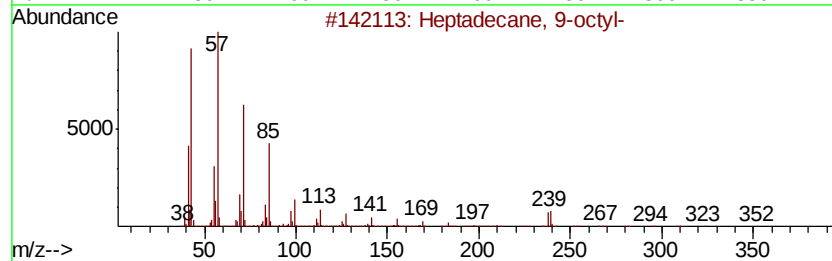
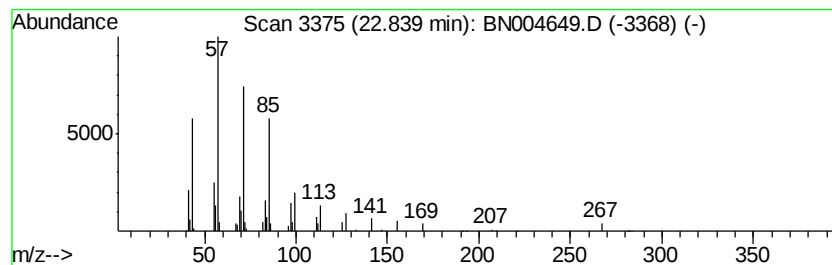
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.21 ng/ul	88920	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		triacontane	422	C30H62	000638-68-6	91



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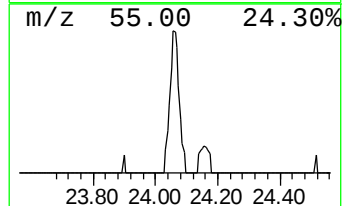
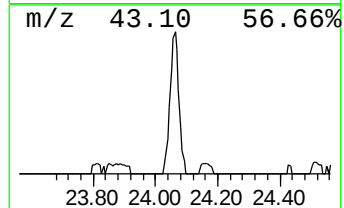
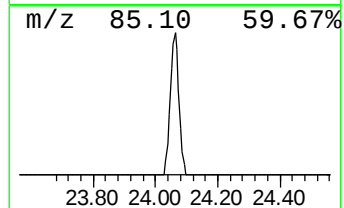
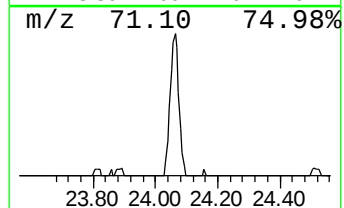
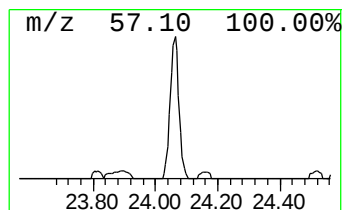
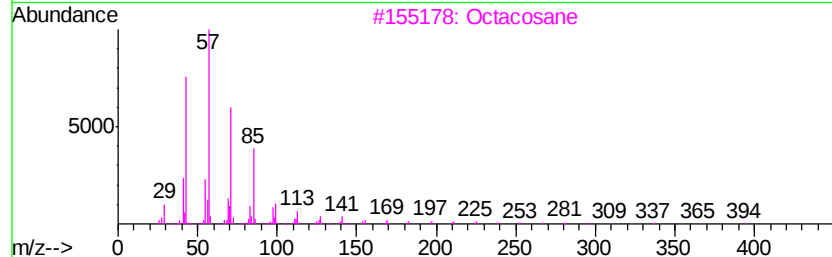
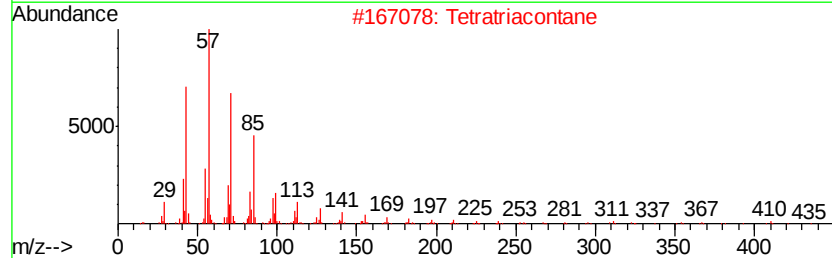
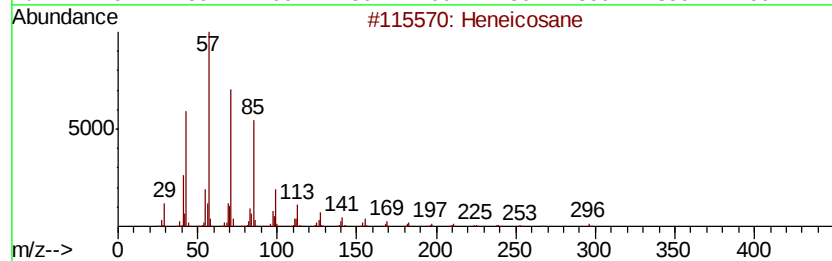
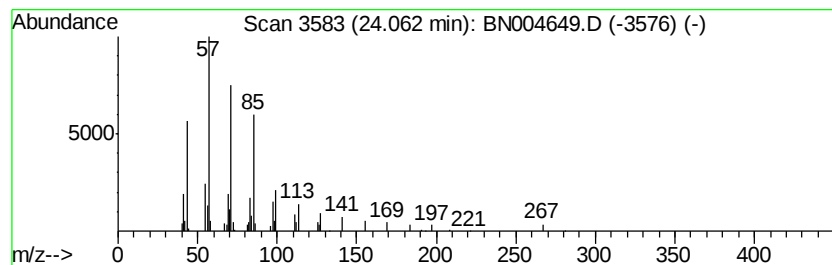
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.54 ng/ul	102008	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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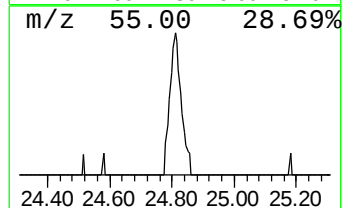
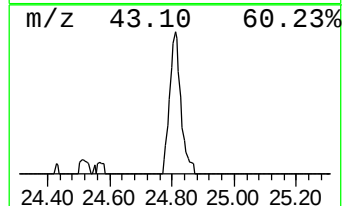
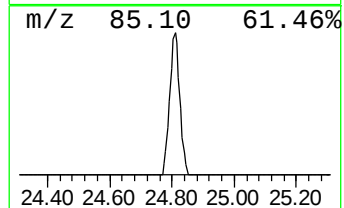
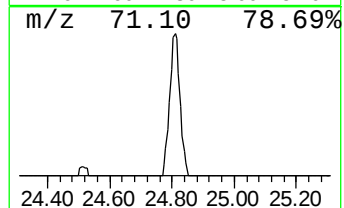
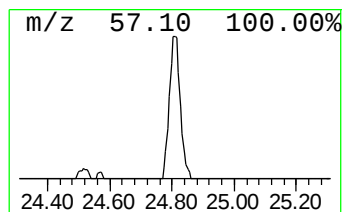
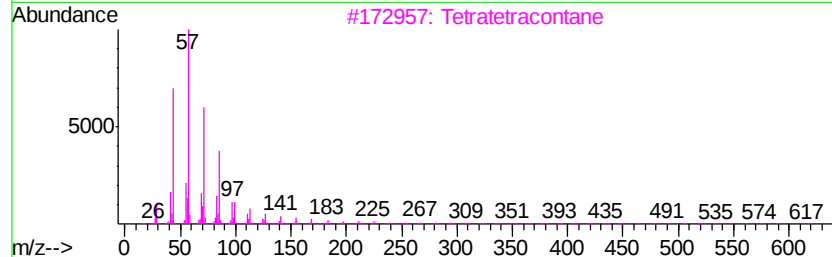
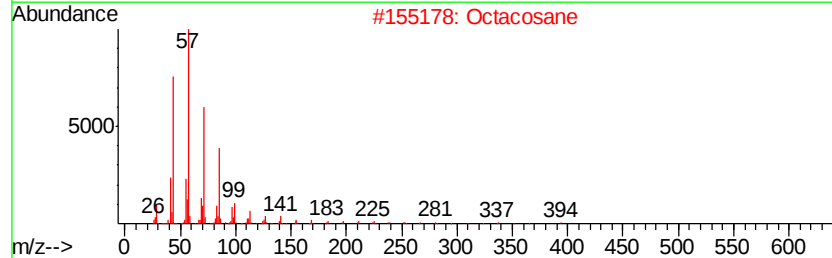
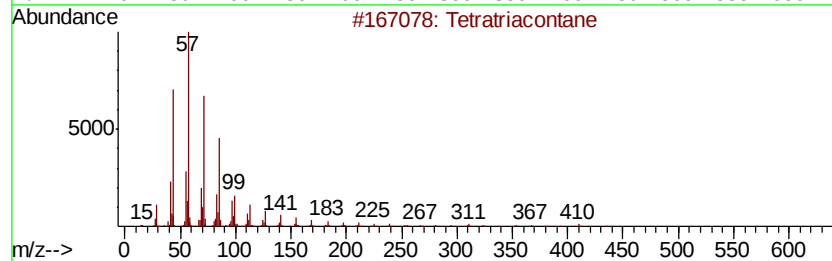
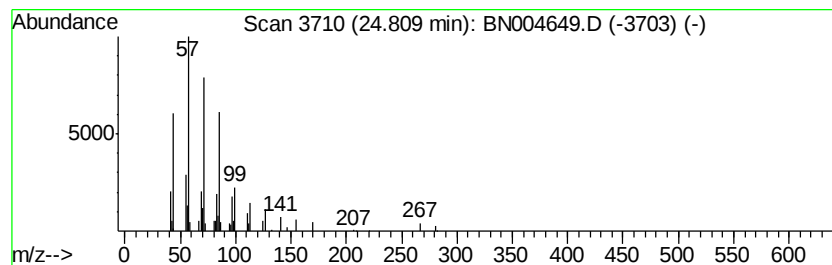
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Peak Number 4 (DEL) Alkane: 24.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	2.70 ng/ul	108614	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexatriacontane	507	C36H74	000630-06-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	3.1	ng/ul	94755	4	17.11	613829	20.0
(DEL) Alkane: Str...	22.84	2.2	ng/ul	88920	6	23.56	803439	20.0
(DEL) Alkane: Str...	24.06	2.5	ng/ul	102008	6	23.56	803439	20.0
(DEL) Alkane: 24.81	24.81	2.7	ng/ul	108614	6	23.56	803439	20.0