

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022719\
 Data File : BN004548.D
 Acq On : 28 Feb 2019 04:08
 Operator : JU/SJ
 Sample : K1602-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF5D3

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-BN020719MA.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	3.234	39	42	50	rVB	7698	12064	0.49%	0.069%
2	6.893	659	664	673	rBB2	47161	77613	3.16%	0.442%
3	7.075	689	695	710	rBB	122736	198060	8.06%	1.127%
4	7.263	721	727	734	rBB	163752	249511	10.15%	1.420%
5	7.734	801	807	814	rBB	190130	286648	11.66%	1.631%
6	8.428	919	925	932	rBB	138869	203808	8.29%	1.160%
7	8.893	998	1004	1012	rBB	169788	270558	11.01%	1.540%
8	9.251	1061	1065	1069	rBB	4979	6536	0.27%	0.037%
9	9.610	1119	1126	1132	rBB	143194	230242	9.37%	1.310%
10	10.134	1209	1215	1223	rBB	255804	409026	16.64%	2.328%
11	10.516	1273	1280	1288	rBB	284469	474373	19.30%	2.700%
12	10.663	1300	1305	1311	rBB2	10329	14907	0.61%	0.085%
13	12.104	1547	1550	1554	rBB	3208	4580	0.19%	0.026%
14	13.781	1829	1835	1840	rBV	577145	760382	30.93%	4.327%
15	13.828	1840	1843	1848	rVB	14602	17380	0.71%	0.099%
16	14.063	1877	1883	1896	rBV	591214	883668	35.95%	5.029%
17	14.375	1930	1936	1943	rBB2	491443	726348	29.55%	4.134%
18	14.569	1964	1969	1975	rBB	65401	87725	3.57%	0.499%
19	15.116	2058	2062	2064	rBB	2303	2687	0.11%	0.015%
20	15.369	2098	2105	2111	rBV	870310	1195744	48.64%	6.805%
21	15.486	2120	2125	2131	rBB	272629	350526	14.26%	1.995%
22	15.604	2141	2145	2149	rBB	6960	8510	0.35%	0.048%
23	16.510	2296	2299	2304	rBB	6685	7476	0.30%	0.043%
24	17.122	2397	2403	2412	rVB	675787	954547	38.83%	5.432%
25	17.222	2412	2420	2426	rVV	1016836	1451947	59.06%	8.263%
26	17.280	2426	2430	2433	rVB3	5700	6595	0.27%	0.038%
27	17.328	2434	2438	2442	rBB2	5738	6414	0.26%	0.037%
28	17.469	2459	2462	2465	rBV	10727	11842	0.48%	0.067%
29	17.875	2527	2531	2538	rBV2	17335	23994	0.98%	0.137%
30	18.004	2547	2553	2564	rBV	157145	218352	8.88%	1.243%
31	18.351	2607	2612	2618	rBV3	3011	5148	0.21%	0.029%
32	18.557	2640	2647	2651	rBV3	2177	4376	0.18%	0.025%
33	18.675	2664	2667	2668	rBV2	3426	3230	0.13%	0.018%
34	18.869	2696	2700	2704	rBV3	2313	3036	0.12%	0.017%

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35	19.027	2723	2727	2732	rBV	5254	7328	0.30%	0.042%
36	19.163	2743	2750	2758	rBV2	18818	47018	1.91%	0.268%
37	19.292	2767	2772	2785	rBV	63421	90409	3.68%	0.515%
38	19.410	2788	2792	2796	rBV	8762	11098	0.45%	0.063%
39	19.522	2805	2811	2820	rBV	1347362	1867095	75.95%	10.625%
40	19.716	2841	2844	2848	rBV2	1760	2928	0.12%	0.017%
41	20.027	2894	2897	2899	rBV4	1897	2619	0.11%	0.015%
42	20.421	2960	2964	2967	rBV5	2628	4396	0.18%	0.025%
43	20.545	2982	2985	2989	rBV3	4992	6550	0.27%	0.037%
44	21.016	3061	3065	3076	rBV	32417	49248	2.00%	0.280%
45	21.221	3097	3100	3106	rVB	19132	21924	0.89%	0.125%
46	21.316	3111	3116	3122	rBV	1055386	1345208	54.72%	7.655%
47	21.457	3136	3140	3143	rBV2	17292	20113	0.82%	0.114%
48	21.892	3210	3214	3222	rVB	37420	45158	1.84%	0.257%
49	22.357	3289	3293	3303	rVB	68601	92662	3.77%	0.527%
50	22.486	3311	3315	3321	rVB	35237	47464	1.93%	0.270%
51	22.868	3376	3380	3389	rVB	86914	118570	4.82%	0.675%
52	23.439	3469	3477	3489	rBV2	1306385	2458361	100.00%	13.990%
53	23.586	3494	3502	3512	rVB	787997	1474345	59.97%	8.390%
54	24.092	3582	3588	3596	rVB	83628	153695	6.25%	0.875%
55	24.851	3709	3717	3725	rBV2	112335	274782	11.18%	1.564%
56	25.721	3858	3865	3870	rBV	42747	99577	4.05%	0.567%
57	26.751	4033	4040	4056	rVB2	51477	163743	6.66%	0.932%

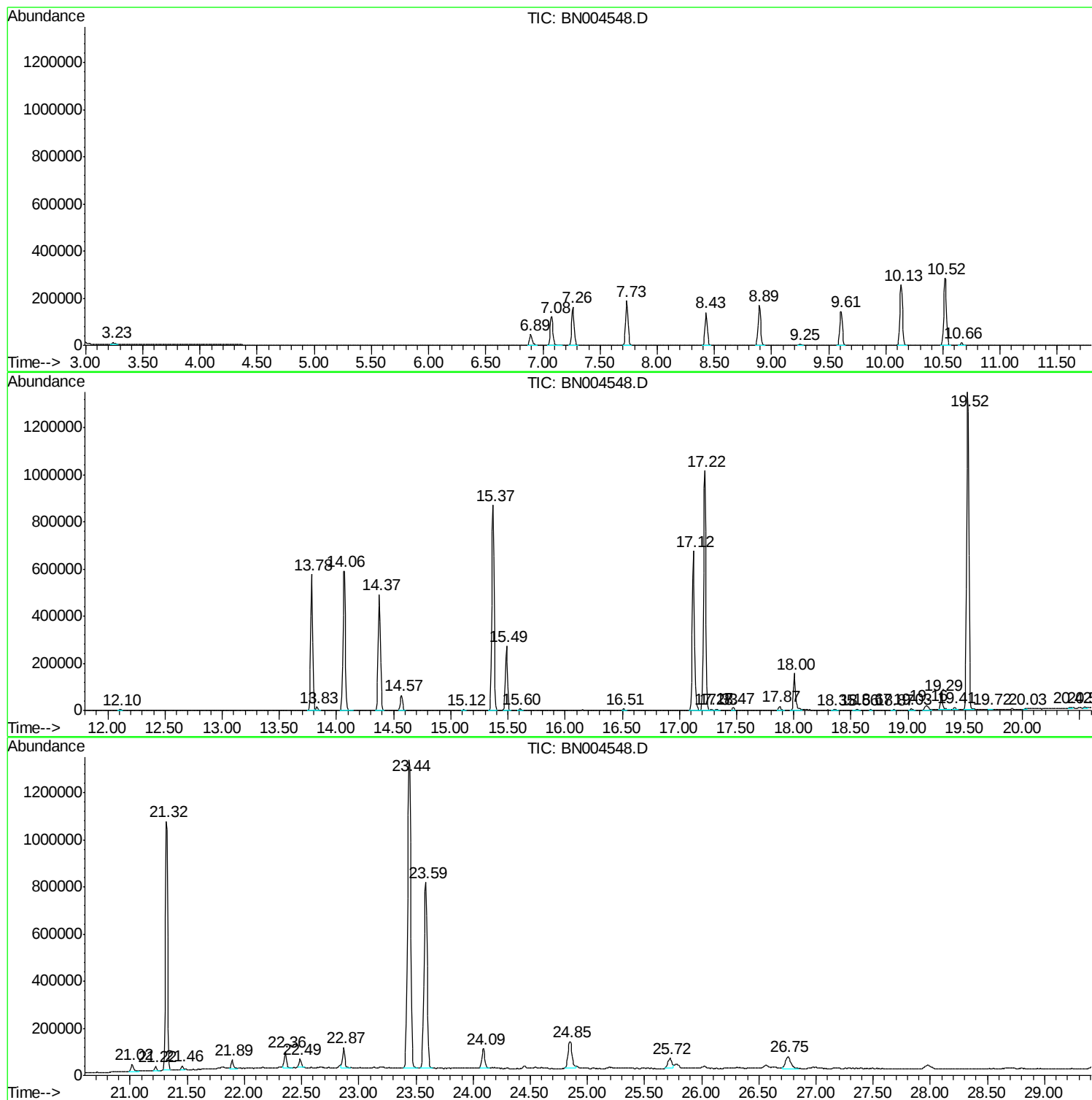
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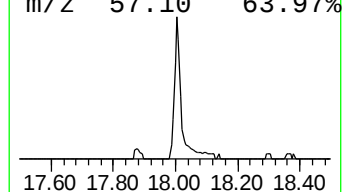
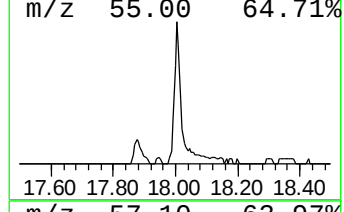
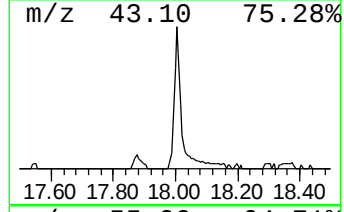
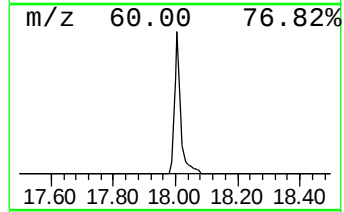
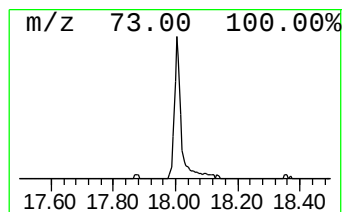
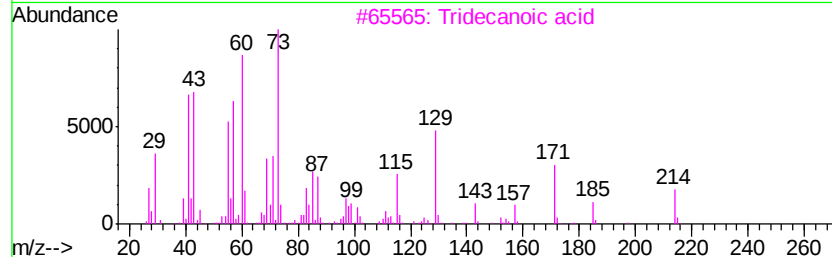
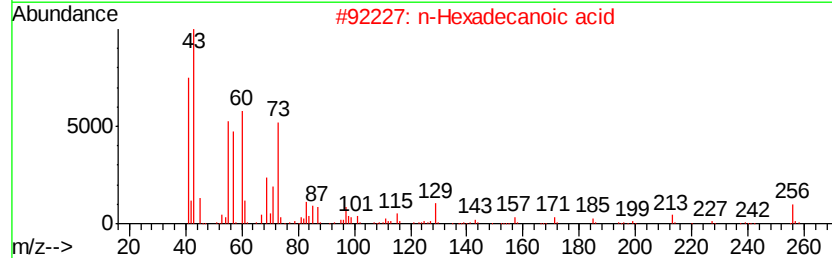
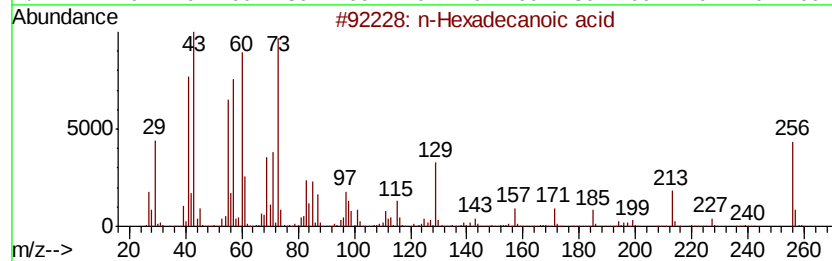
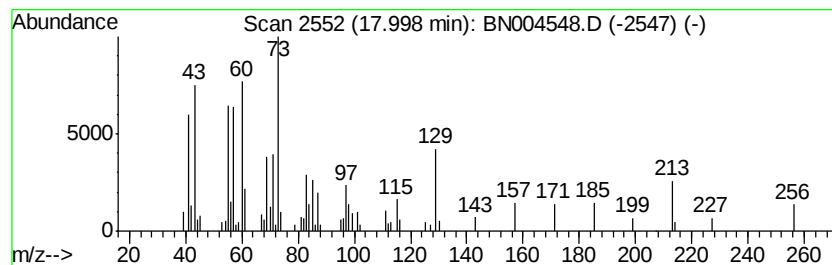
Instrument :
BNA_N
ClientSampleId :
BF5D3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
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.	
18.00	4.57 ng/ul	218352	Phenanthrene-d10		17.12	
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	94
3	Tridecanoic acid		214	C13H26O2	000638-53-9	89
4	Tridecanoic acid		214	C13H26O2	000638-53-9	86
5	Undecanoic acid		186	C11H22O2	000112-37-8	83



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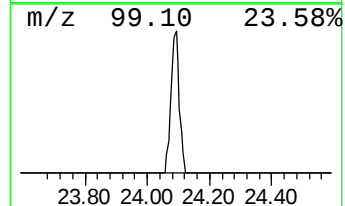
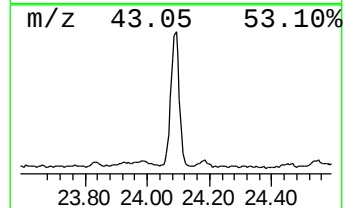
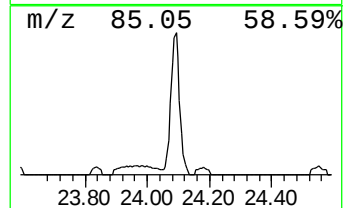
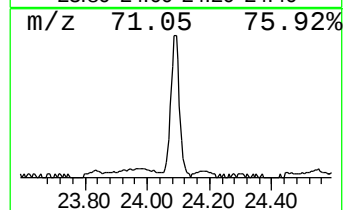
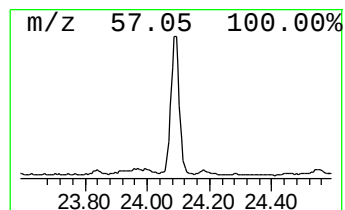
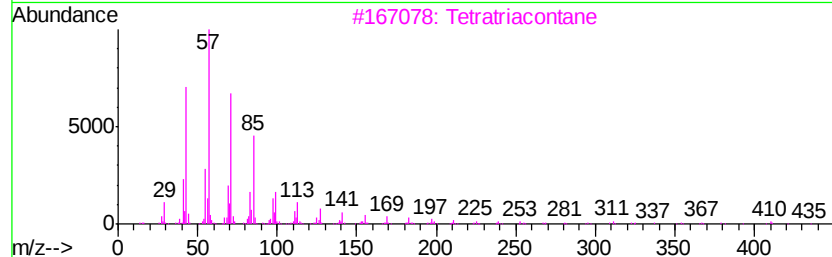
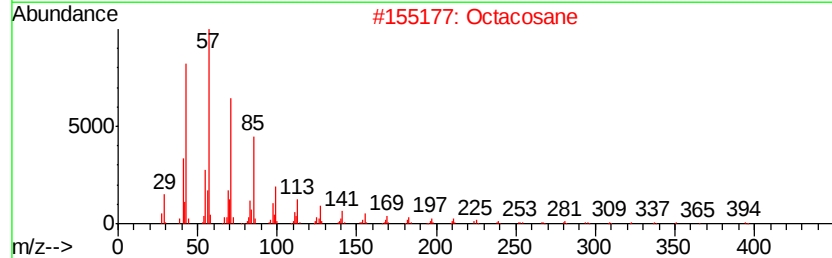
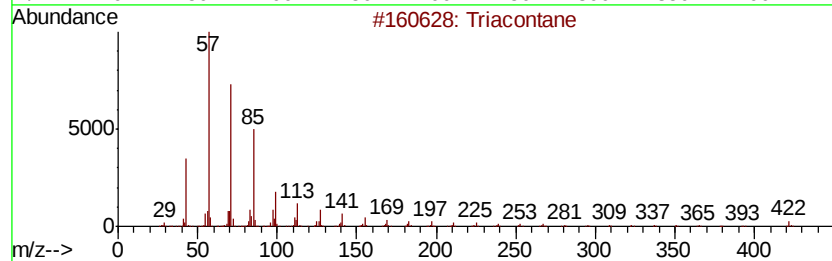
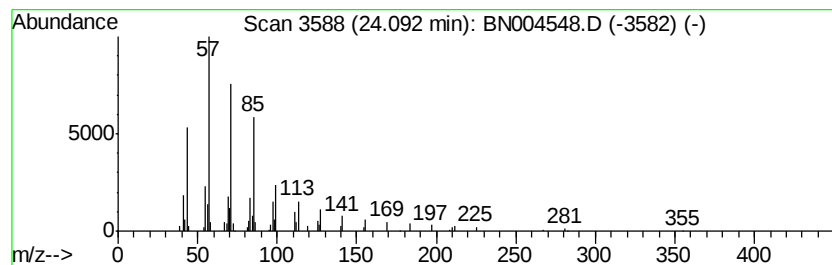
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.08 ng/ul	153695	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



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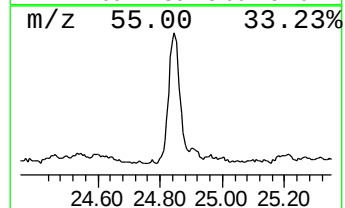
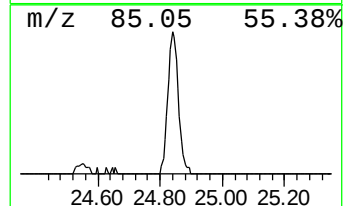
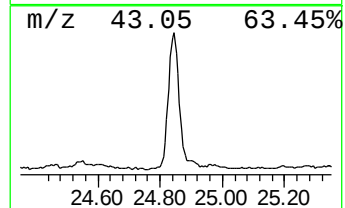
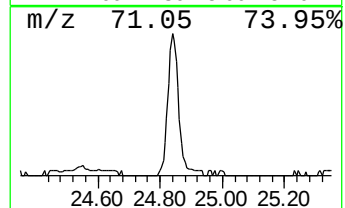
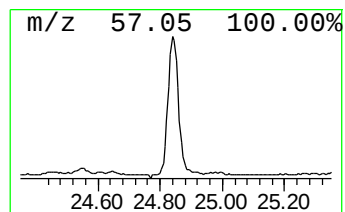
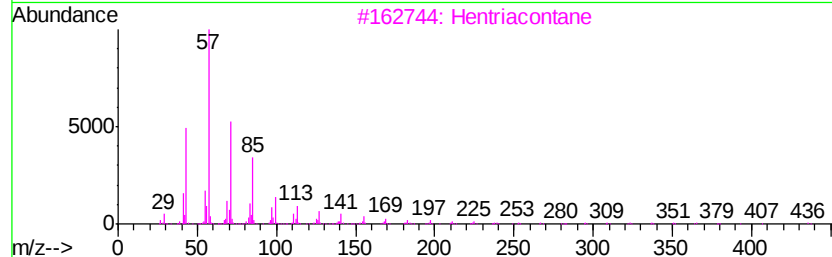
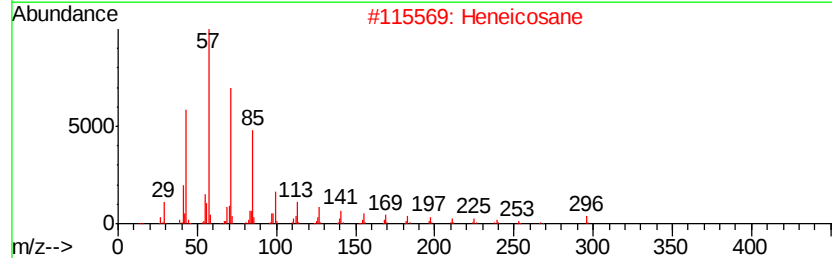
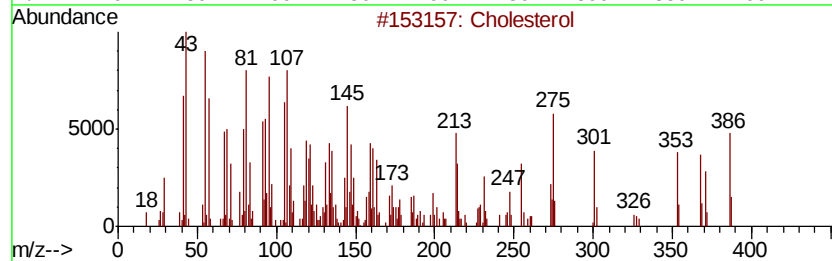
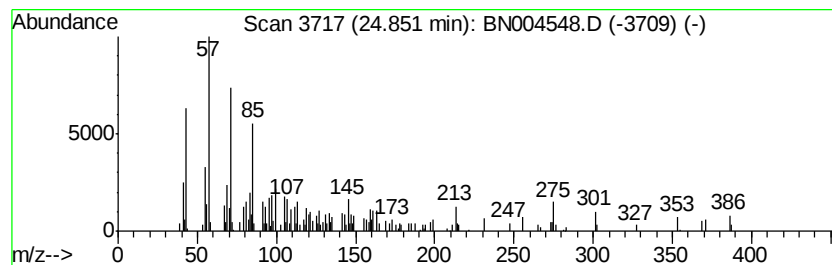
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Cholesterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	3.73 ng/ul	274782	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	91
2		Heneicosane	296	C21H44	000629-94-7	76
3		Hentriacontane	437	C31H64	000630-04-6	76
4		Tetratriacontane	479	C34H70	014167-59-0	76
5		Tetratetracontane	619	C44H90	007098-22-8	76



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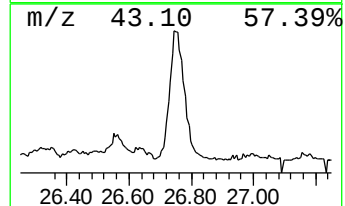
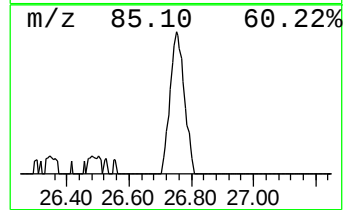
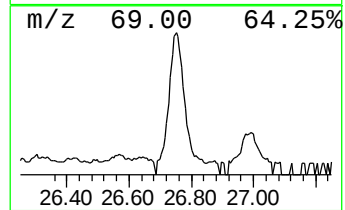
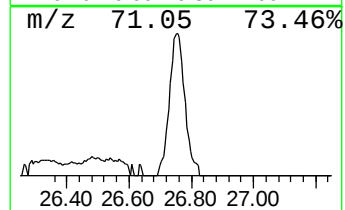
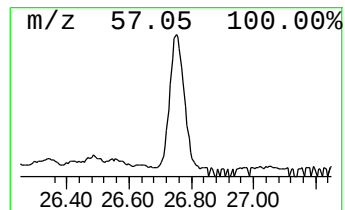
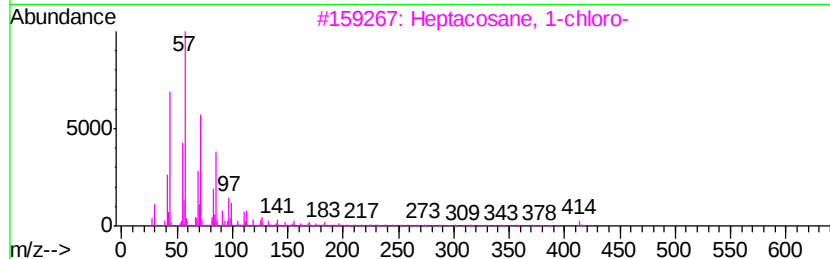
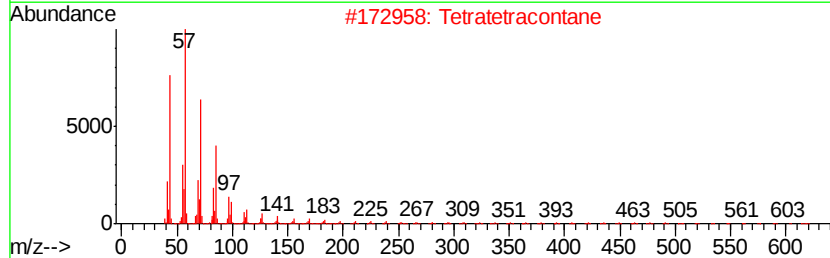
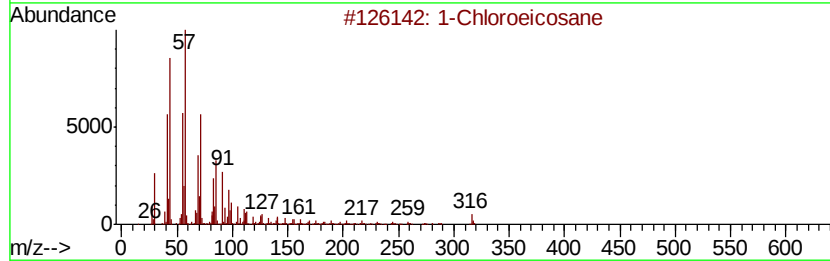
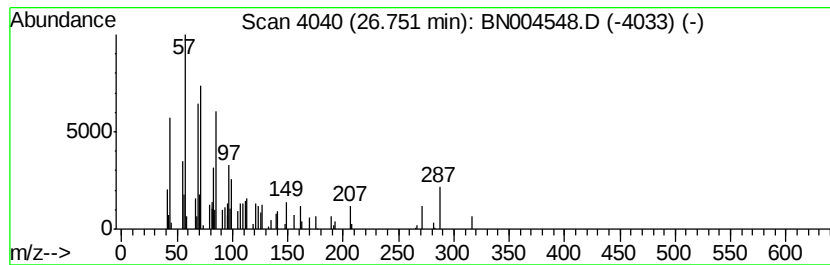
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Peak Number 4 1-Chloroeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.75	2.22 ng/ul	163743	Perylene-d12	23.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Chloroeicosane	316 C20H41Cl	042217-02-7	64
2	Tetratetracontane	619 C44H90	007098-22-8	58
3	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	58
4	Tetratetracontane	619 C44H90	007098-22-8	53
5	triacontane	422 C30H62	000638-68-6	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	4.6	ng/ul	218352	4	17.12	954547	20.0
(DEL) Alkane: Str...	24.09	2.1	ng/ul	153695	6	23.59	1474350	20.0
Cholesterol	24.85	3.7	ng/ul	274782	6	23.59	1474350	20.0
1-Chloroeicosane	26.75	2.2	ng/ul	163743	6	23.59	1474350	20.0