

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004652.D
 Acq On : 08 Mar 2019 00:09
 Operator : JU/SJ
 Sample : K1662-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFC60

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	3.222	37	40	47	rVB	3666	5010	0.69%	0.087%
2	4.846	311	316	319	rBB	635	1121	0.16%	0.020%
3	6.881	657	662	671	rBB2	42397	69474	9.61%	1.211%
4	7.063	688	693	701	rBB	32538	51570	7.13%	0.899%
5	7.252	720	725	731	rBB	46110	68221	9.44%	1.189%
6	7.722	799	805	811	rBB	85933	128914	17.83%	2.247%
7	8.416	918	923	929	rBB	57910	88159	12.20%	1.537%
8	8.881	997	1002	1008	rBB	44465	67610	9.35%	1.179%
9	9.240	1060	1063	1065	rBB2	1232	1143	0.16%	0.020%
10	9.598	1119	1124	1129	rBB	34351	51680	7.15%	0.901%
11	10.122	1208	1213	1219	rBB	61752	91095	12.60%	1.588%
12	10.510	1272	1279	1284	rBV	129616	211543	29.26%	3.688%
13	10.557	1284	1287	1291	rVB	3452	4522	0.63%	0.079%
14	10.651	1297	1303	1311	rBB	59620	94803	13.11%	1.653%
15	12.175	1559	1562	1564	rBB	1313	1546	0.21%	0.027%
16	12.392	1596	1599	1602	rBB	1619	2119	0.29%	0.037%
17	13.192	1732	1735	1738	rBB	1467	1711	0.24%	0.030%
18	13.769	1828	1833	1838	rBV	134999	180759	25.00%	3.151%
19	13.816	1838	1841	1846	rVB	18449	21485	2.97%	0.375%
20	14.057	1876	1882	1889	rBB	143803	202904	28.07%	3.537%
21	14.363	1928	1934	1940	rBB2	214080	311477	43.09%	5.430%
22	14.563	1963	1968	1973	rBB	38229	53087	7.34%	0.926%
23	15.357	2097	2103	2108	rBB	196571	273638	37.85%	4.771%
24	15.410	2109	2112	2114	rBB	1129	1020	0.14%	0.018%
25	15.475	2119	2123	2128	rBB	44591	52909	7.32%	0.922%
26	15.598	2141	2144	2146	rBB	903	883	0.12%	0.015%
27	16.769	2340	2343	2345	rBB	1201	1225	0.17%	0.021%
28	17.110	2395	2401	2406	rBV	300511	406593	56.24%	7.088%
29	17.151	2406	2408	2412	rVV	16735	17687	2.45%	0.308%
30	17.210	2412	2418	2425	rVB	212073	304155	42.07%	5.303%
31	17.875	2529	2531	2534	rBB	1808	1776	0.25%	0.031%
32	17.998	2547	2552	2564	rBV	102124	144925	20.05%	2.527%
33	18.486	2633	2635	2638	rBB	1557	1499	0.21%	0.026%
34	18.839	2692	2695	2699	rBV	1338	1573	0.22%	0.027%

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 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.139	2743	2746	2749	rBV	1436	2005	0.28%	0.035%
36	19.169	2749	2751	2755	rVB	2719	2957	0.41%	0.052%
37	19.280	2765	2770	2780	rBV	70335	86273	11.93%	1.504%
38	19.392	2784	2789	2794	rVB2	1989	3163	0.44%	0.055%
39	19.510	2803	2809	2818	rVB	312689	402320	55.65%	7.014%
40	20.539	2981	2984	2987	rBV	1806	1986	0.27%	0.035%
41	20.774	3022	3024	3027	rBV2	695	896	0.12%	0.016%
42	21.004	3060	3063	3067	rBV	13123	14116	1.95%	0.246%
43	21.045	3067	3070	3073	rBV3	704	806	0.11%	0.014%
44	21.086	3073	3077	3079	rBV2	1142	1362	0.19%	0.024%
45	21.210	3096	3098	3101	rVB	2053	1811	0.25%	0.032%
46	21.304	3109	3114	3120	rBV	508765	624984	86.45%	10.896%
47	21.439	3134	3137	3140	rBV	9598	9268	1.28%	0.162%
48	21.880	3208	3212	3216	rBV	17599	20362	2.82%	0.355%
49	22.339	3286	3290	3296	rVB	31846	38787	5.37%	0.676%
50	22.845	3372	3376	3381	rVB	42521	58474	8.09%	1.019%
51	23.415	3466	3473	3486	rVB2	322140	589637	81.56%	10.280%
52	23.562	3490	3498	3507	rBV2	392489	722911	100.00%	12.603%
53	24.062	3578	3583	3592	rVB	47582	79500	11.00%	1.386%
54	24.809	3704	3710	3719	rVB	34237	73280	10.14%	1.278%
55	25.680	3853	3858	3867	rVB2	20286	48107	6.65%	0.839%
56	26.709	4028	4033	4041	rVB2	13460	35178	4.87%	0.613%

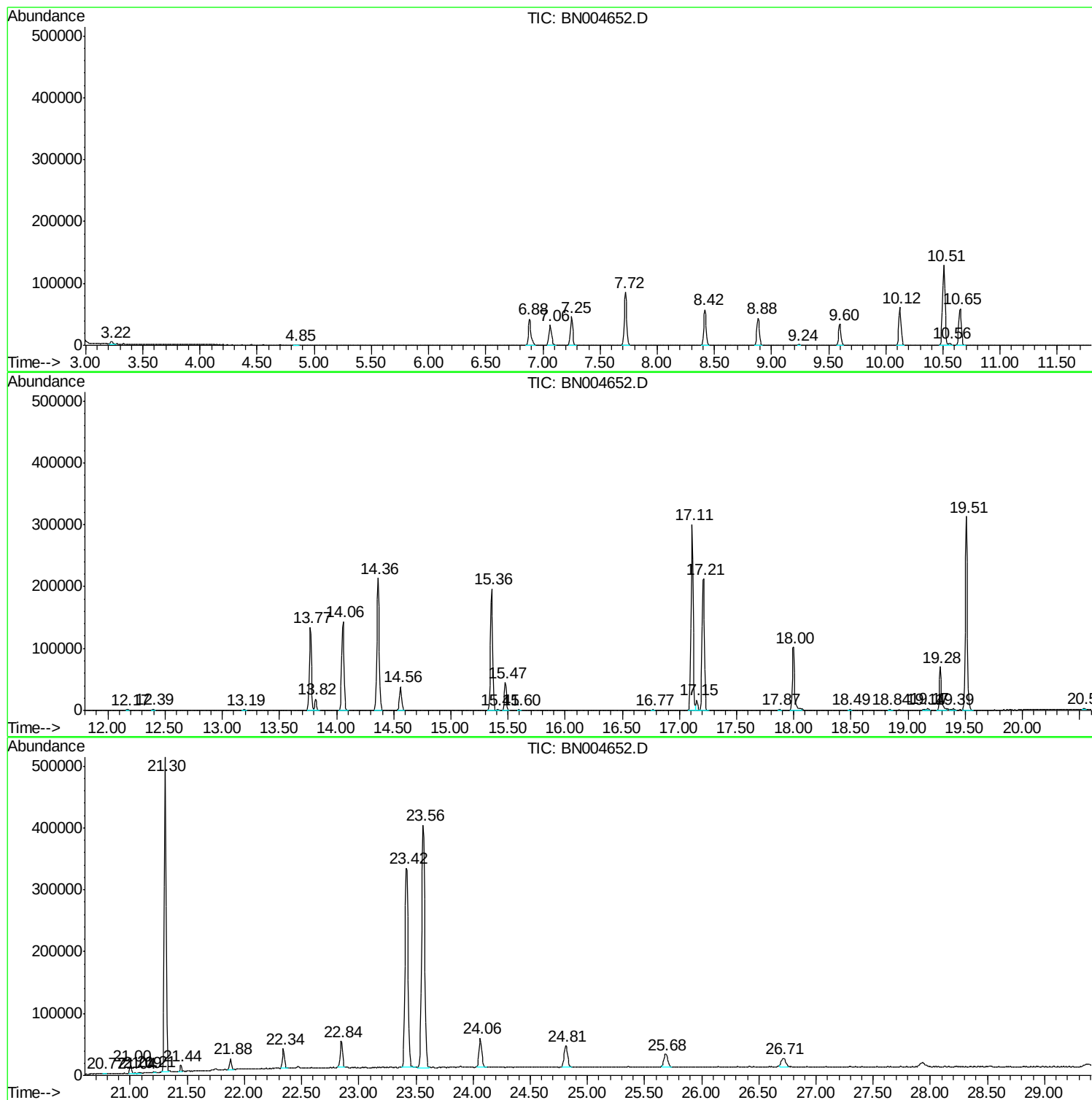
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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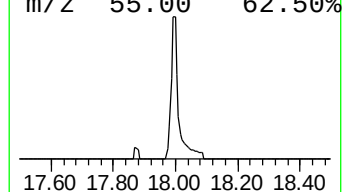
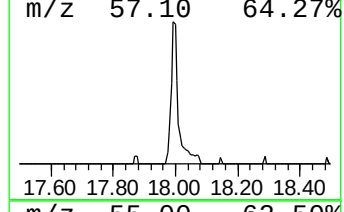
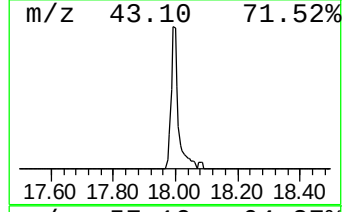
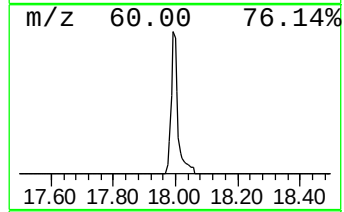
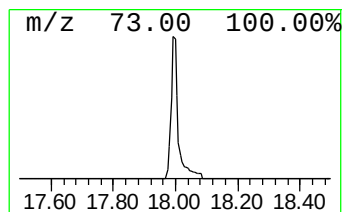
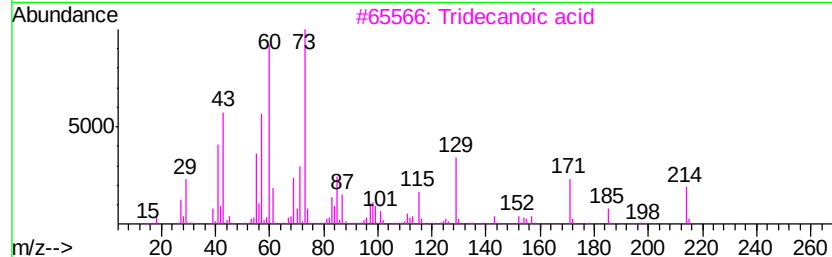
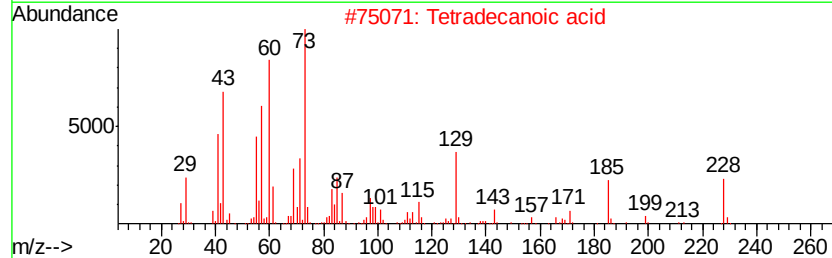
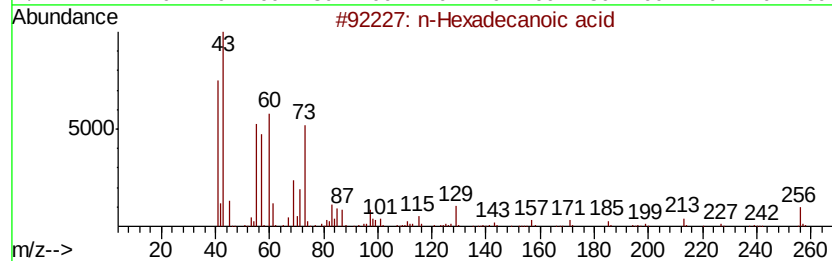
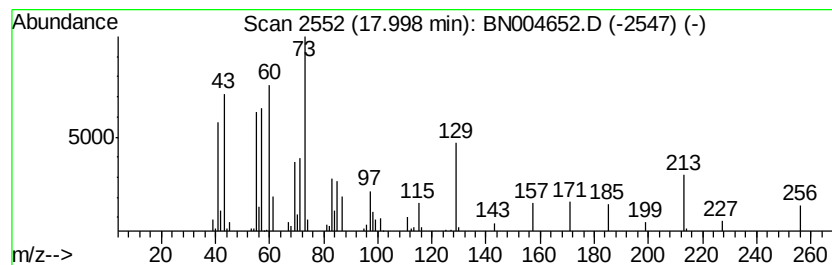
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.00	7.13 ng/ul	144925	Phenanthrene-d10		17.11	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	80
3	Tridecanoic acid		214	C13H26O2	000638-53-9	70
4	Tridecanoic acid		214	C13H26O2	000638-53-9	64
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	58



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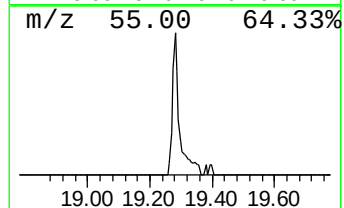
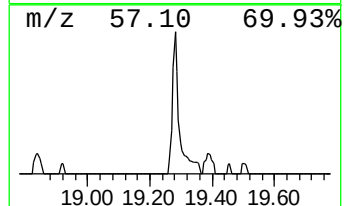
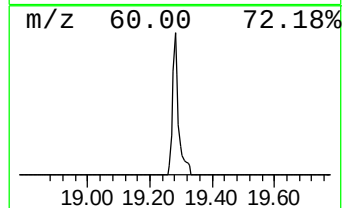
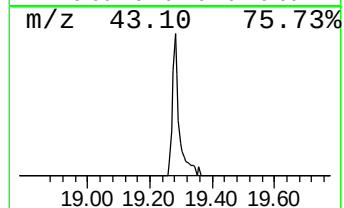
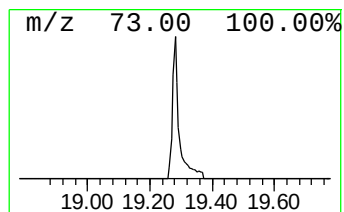
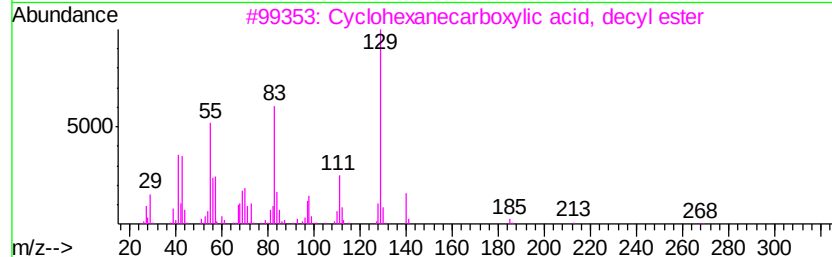
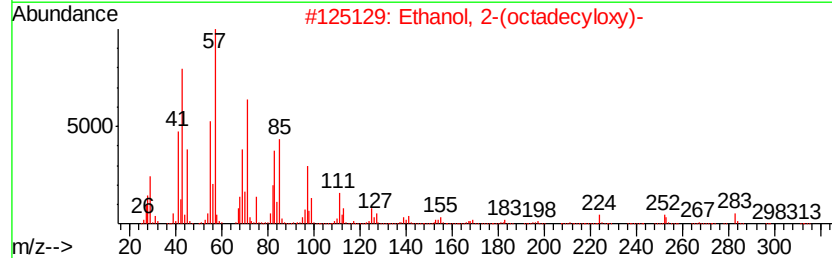
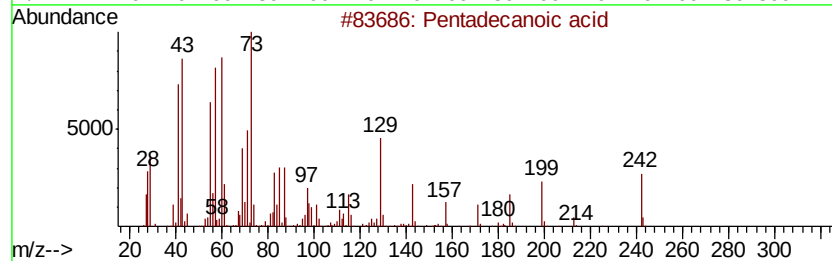
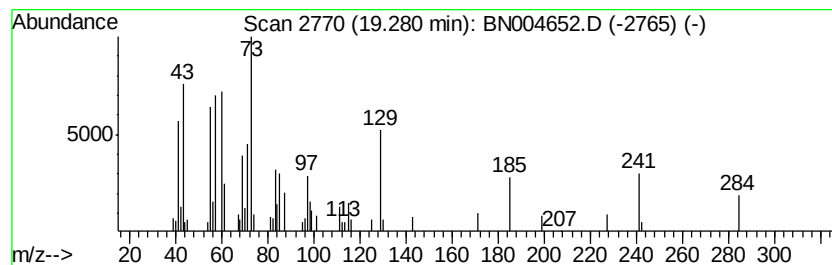
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.76 ng/ul	86273	Chrysene-d12	21.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecanoic acid	242 C15H30O2	001002-84-2 89
2		Ethanol, 2-(octadecyloxy)-	314 C20H42O2	002136-72-3 18
3		Cyclohexanecarboxylic acid, decyl...	268 C17H32O2	093479-48-2 11
4		Hexadecane	226 C16H34	000544-76-3 11
5		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 10



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Misc :
ALS Vial : 22 Sample Multiplier: 1

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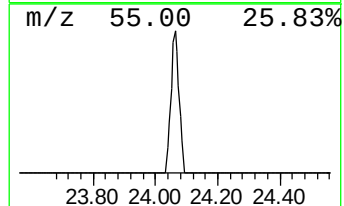
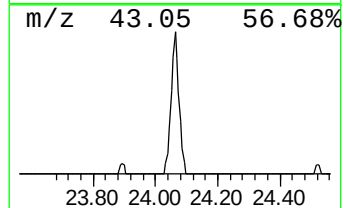
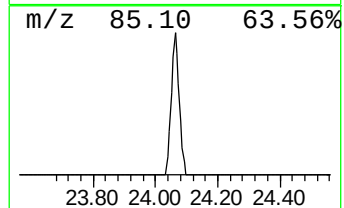
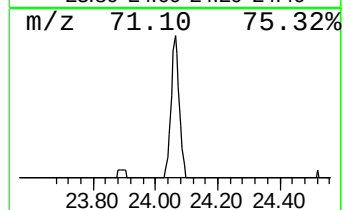
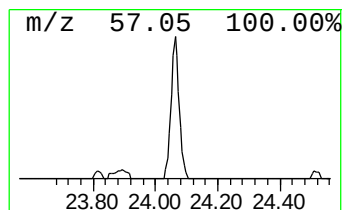
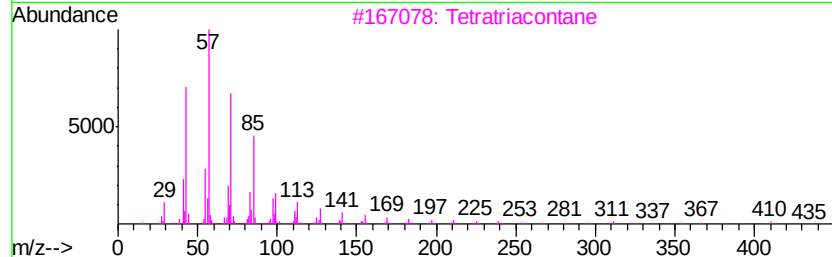
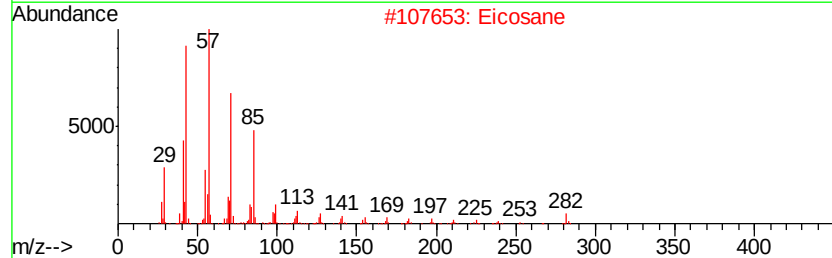
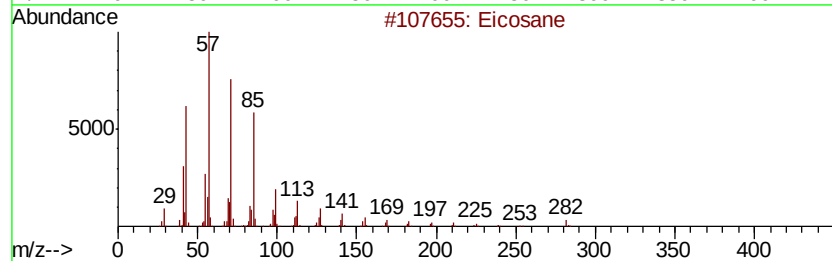
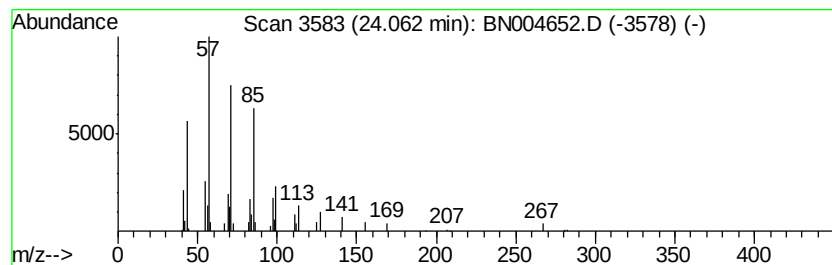
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.20 ng/ul	79500	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Triacotane	422	C30H62	000638-68-6	91



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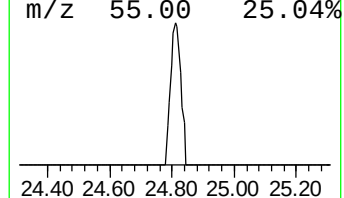
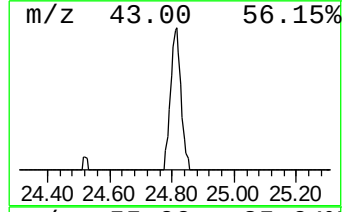
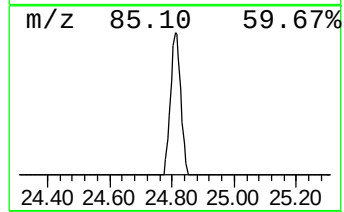
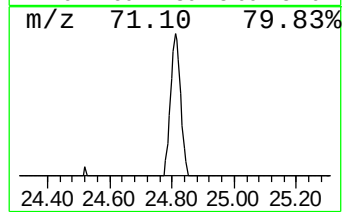
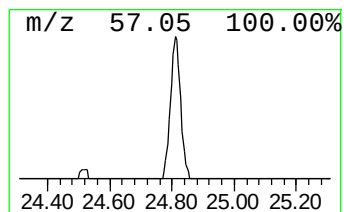
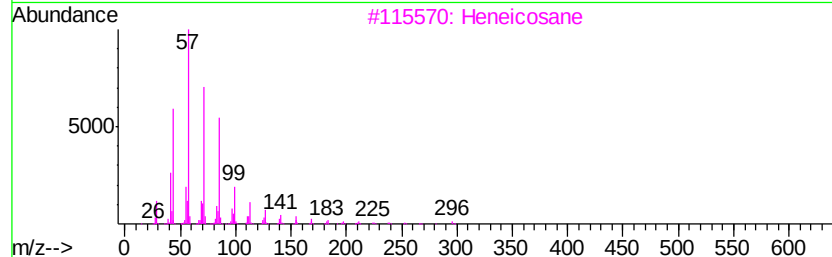
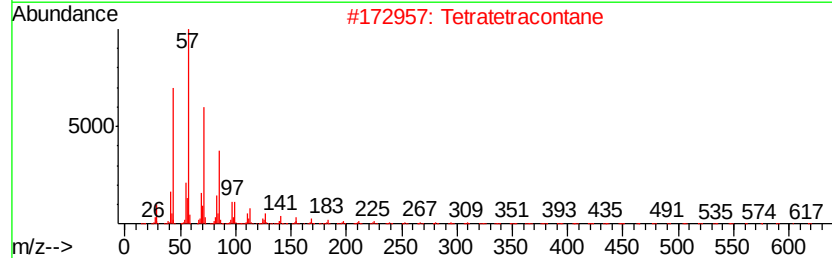
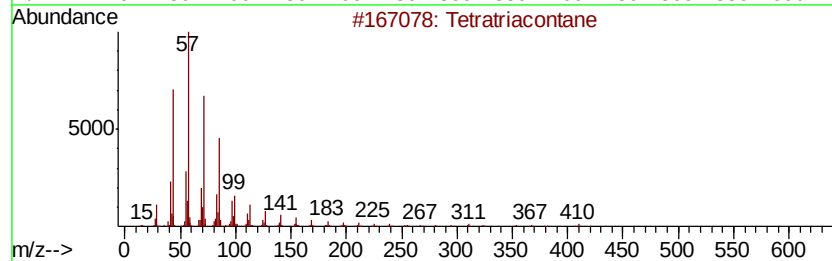
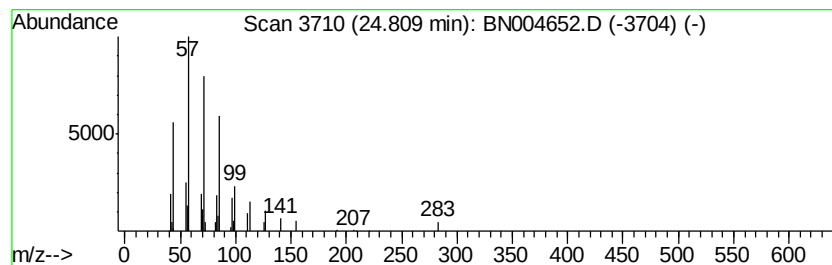
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	2.03 ng/ul	73280	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	7.1	ng/ul	144925	4	17.11	406593	20.0
Pentadecanoic acid	19.28	2.8	ng/ul	86273	5	21.30	624984	20.0
(DEL) Alkane: Str...	24.06	2.2	ng/ul	79500	6	23.56	722911	20.0
(DEL) Alkane: Str...	24.81	2.0	ng/ul	73280	6	23.56	722911	20.0