

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004662.D
 Acq On : 08 Mar 2019 06:00
 Operator : JU/SJ
 Sample : K1662-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFC67

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	48	rVB	7596	9734	1.23%	0.108%
2	3.952	162	164	167	rBV	803	998	0.13%	0.011%
3	4.846	311	316	318	rBV	1393	1951	0.25%	0.022%
4	6.881	657	662	672	rBB2	92317	155593	19.70%	1.724%
5	7.063	688	693	703	rBB	76746	116954	14.81%	1.296%
6	7.252	719	725	731	rBB	104333	156059	19.76%	1.729%
7	7.722	799	805	811	rBB	126368	189613	24.01%	2.101%
8	8.416	917	923	930	rBB	139885	208128	26.36%	2.306%
9	8.881	996	1002	1009	rBB	103020	159907	20.25%	1.772%
10	9.240	1059	1063	1066	rBB2	2253	2858	0.36%	0.032%
11	9.598	1118	1124	1130	rBB	86500	136369	17.27%	1.511%
12	10.122	1207	1213	1220	rBB	146613	226245	28.65%	2.507%
13	10.504	1272	1278	1286	rBB	195779	326984	41.41%	3.623%
14	10.651	1296	1303	1312	rBB	142367	230802	29.23%	2.557%
15	12.092	1545	1548	1552	rBB	1578	2101	0.27%	0.023%
16	13.775	1828	1834	1838	rBV	289203	403586	51.11%	4.472%
17	13.816	1838	1841	1846	rVB	37304	46129	5.84%	0.511%
18	14.057	1875	1882	1888	rBV	336511	476359	60.32%	5.278%
19	14.363	1928	1934	1941	rBB2	343810	492824	62.41%	5.460%
20	14.563	1962	1968	1976	rBB	88376	124460	15.76%	1.379%
21	15.145	2065	2067	2070	rBB	1047	1044	0.13%	0.012%
22	15.357	2097	2103	2109	rBB	446241	609655	77.20%	6.755%
23	15.475	2119	2123	2129	rBB	106937	137256	17.38%	1.521%
24	15.592	2140	2143	2146	rBB	2927	2963	0.38%	0.033%
25	16.480	2291	2294	2296	rBV	1086	1228	0.16%	0.014%
26	16.904	2362	2366	2367	rBB	957	1103	0.14%	0.012%
27	17.110	2395	2401	2407	rBV2	444674	612050	77.51%	6.781%
28	17.157	2407	2409	2412	rVV2	2192	1929	0.24%	0.021%
29	17.210	2412	2418	2424	rVV2	478364	659607	83.53%	7.308%
30	17.875	2527	2531	2536	rBB	10078	12377	1.57%	0.137%
31	17.992	2546	2551	2562	rBV	61981	81526	10.32%	0.903%
32	18.063	2562	2563	2567	rVB2	1961	2183	0.28%	0.024%
33	18.286	2597	2601	2605	rBB	2147	2459	0.31%	0.027%
34	18.486	2633	2635	2641	rBB2	1275	2045	0.26%	0.023%

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Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	18.751	2675	2680	2686	rBV2	737	1797	0.23%	0.020%
36	18.839	2692	2695	2698	rBV	4257	3784	0.48%	0.042%
37	18.904	2703	2706	2708	rBV2	958	984	0.12%	0.011%
38	19.139	2743	2746	2748	rBV	4282	4705	0.60%	0.052%
39	19.174	2748	2752	2758	rVB3	4782	7102	0.90%	0.079%
40	19.274	2766	2769	2775	rVB	11199	14932	1.89%	0.165%
41	19.392	2785	2789	2793	rBV2	3832	4749	0.60%	0.053%
42	19.510	2803	2809	2818	rBV	604045	789668	100.00%	8.749%
43	20.039	2897	2899	2903	rBV2	2383	2414	0.31%	0.027%
44	20.539	2979	2984	2986	rBV	6386	6160	0.78%	0.068%
45	21.004	3059	3063	3067	rBV2	15055	16721	2.12%	0.185%
46	21.210	3095	3098	3101	rBV2	1788	2299	0.29%	0.025%
47	21.304	3108	3114	3123	rBV	645846	775906	98.26%	8.597%
48	21.439	3133	3137	3142	rBV	18256	20757	2.63%	0.230%
49	21.874	3207	3211	3217	rVB	23088	26386	3.34%	0.292%
50	22.339	3285	3290	3297	rBV	39896	49918	6.32%	0.553%
51	22.468	3309	3312	3319	rVB	13418	15731	1.99%	0.174%
52	22.845	3371	3376	3387	rVB	50271	73333	9.29%	0.812%
53	23.415	3466	3473	3485	rVB	395935	728483	92.25%	8.071%
54	23.562	3490	3498	3511	rVB	337600	620829	78.62%	6.878%
55	24.062	3576	3583	3592	rVB	47833	86690	10.98%	0.960%
56	24.809	3704	3710	3721	rVB	40308	88956	11.26%	0.986%
57	25.680	3852	3858	3867	rVB2	21190	50469	6.39%	0.559%
58	26.709	4028	4033	4042	rVB4	14576	37813	4.79%	0.419%

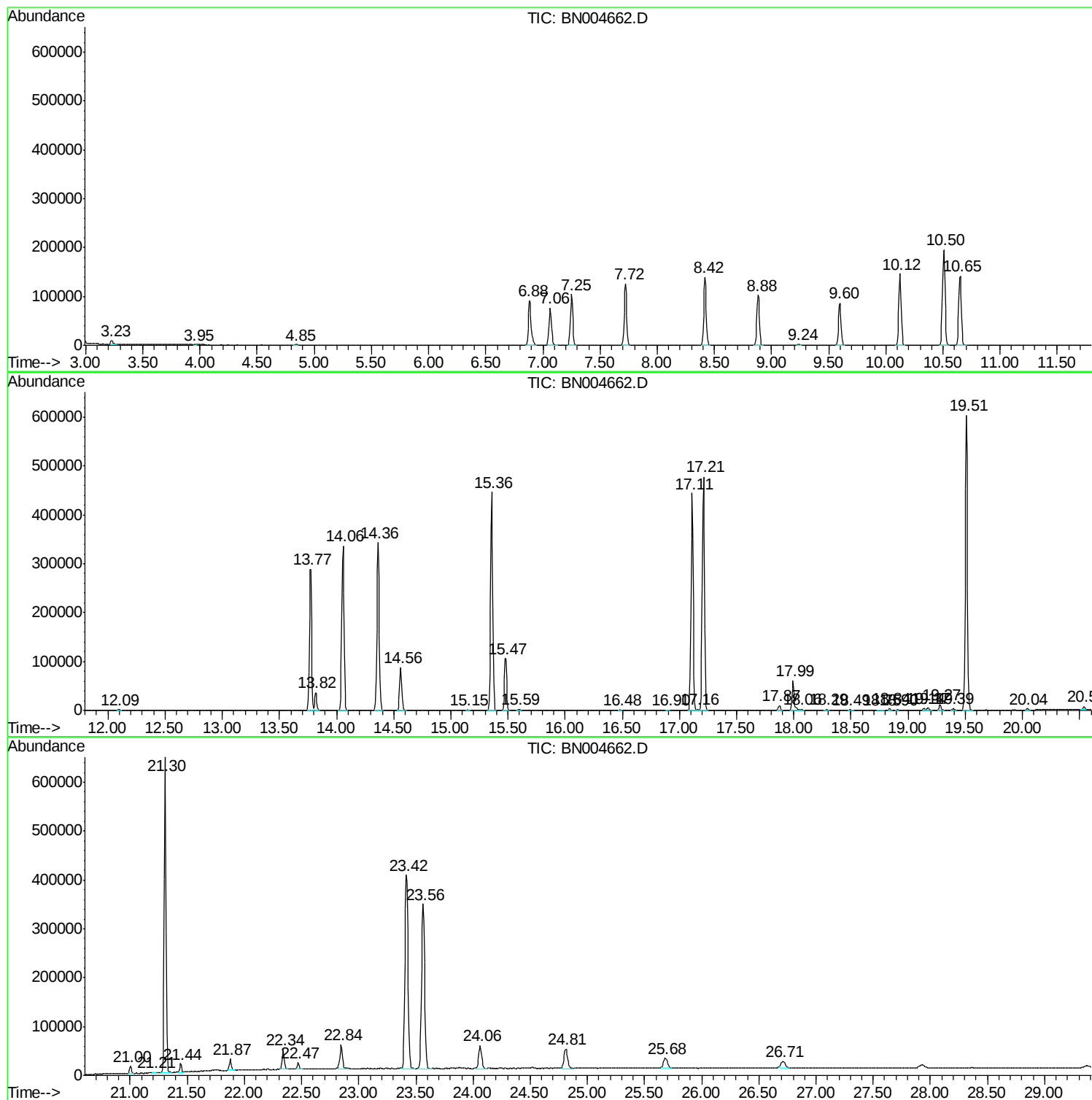
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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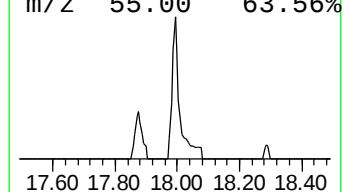
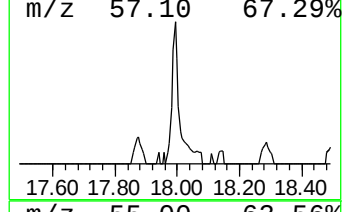
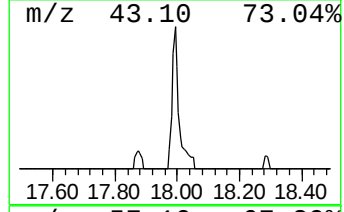
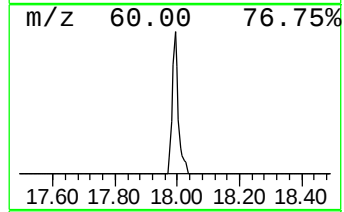
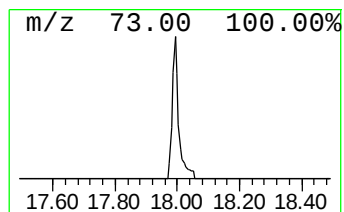
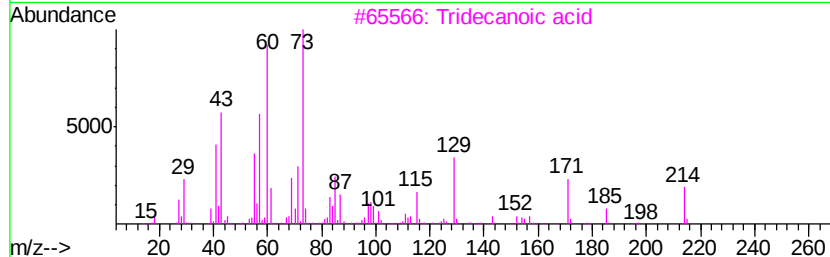
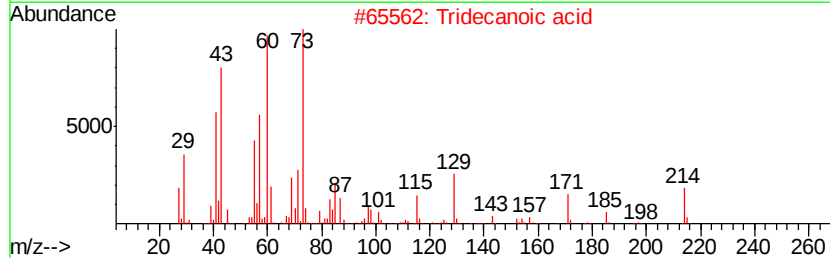
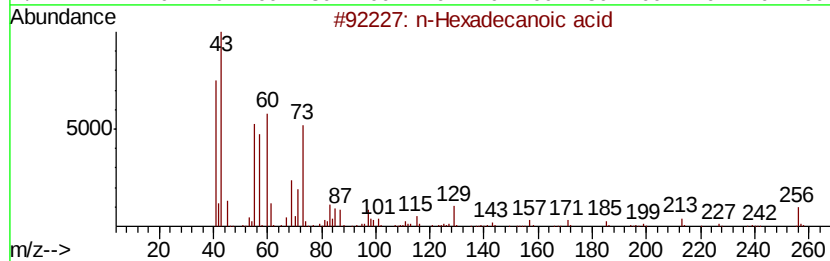
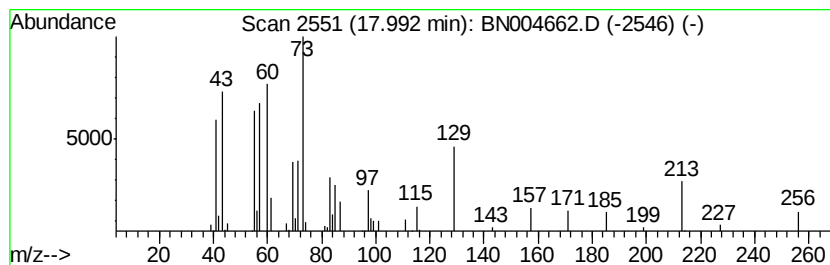
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.66 ng/ul	81526	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	59



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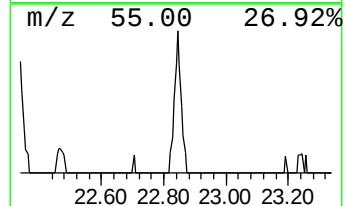
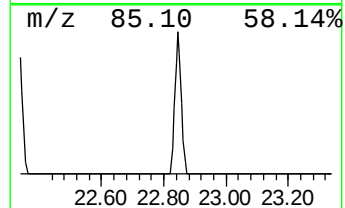
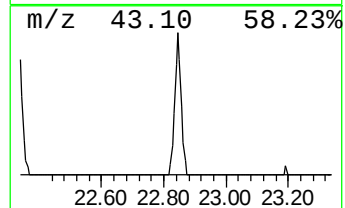
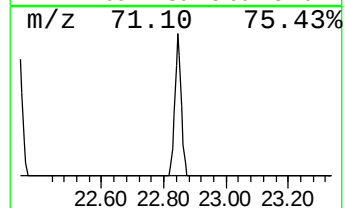
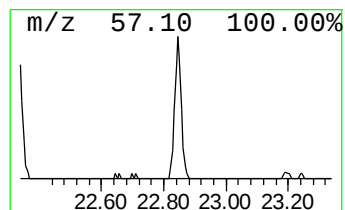
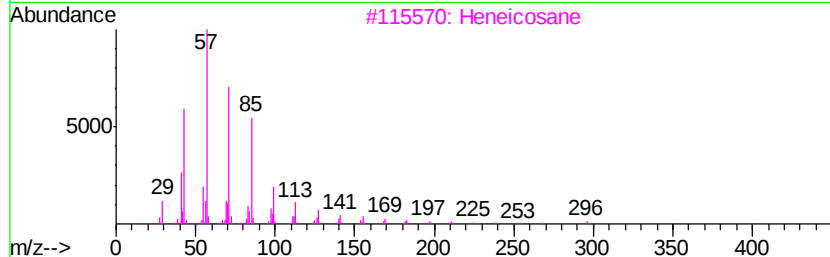
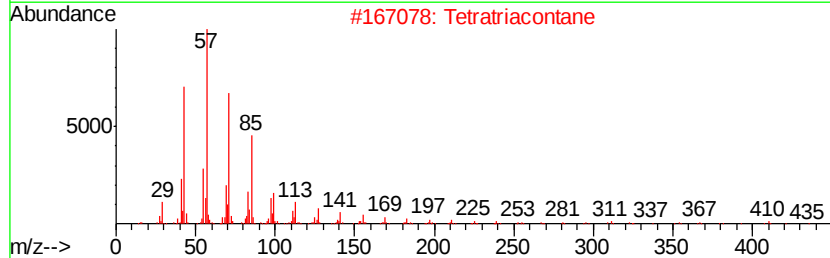
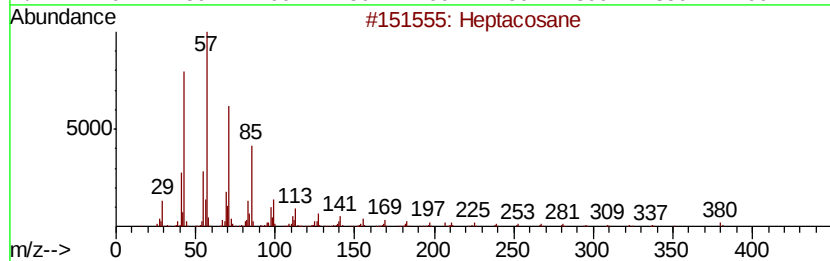
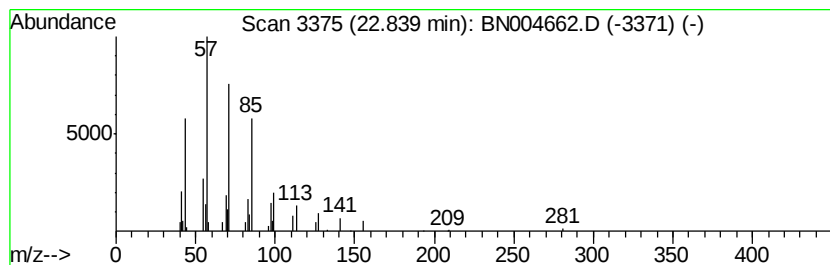
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.36 ng/ul	73333	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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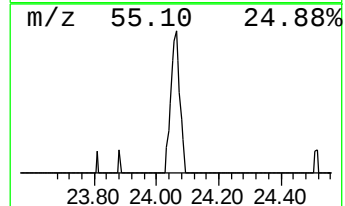
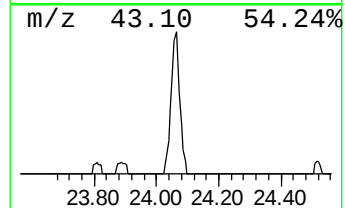
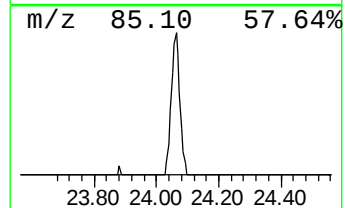
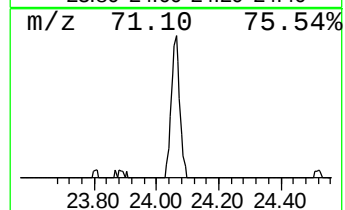
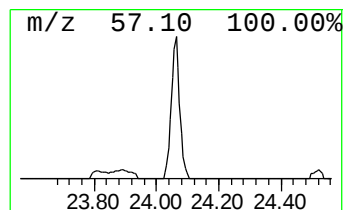
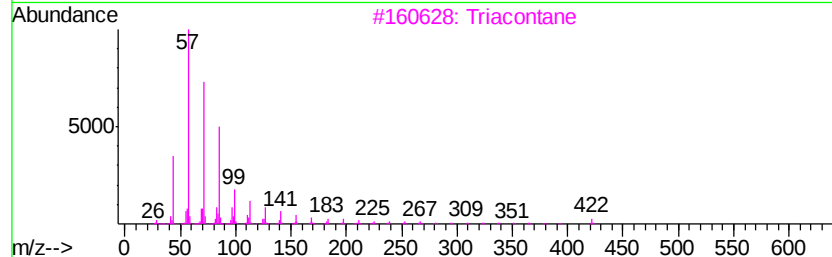
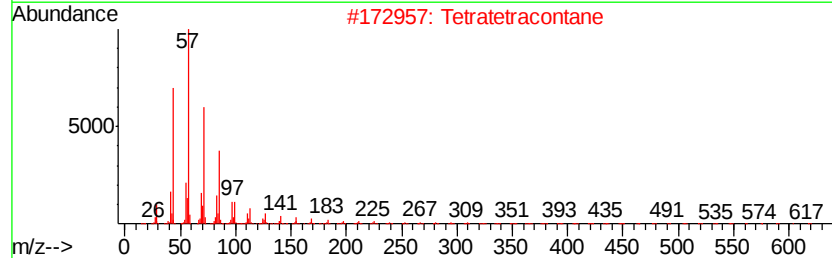
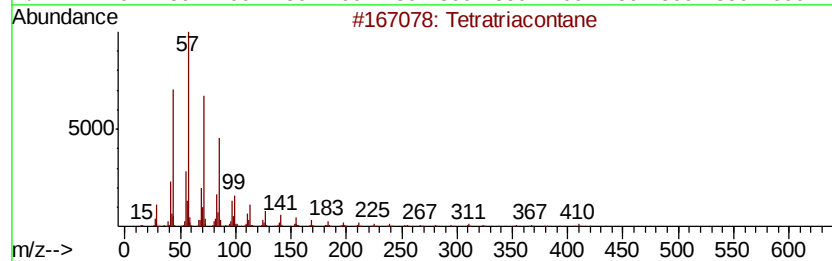
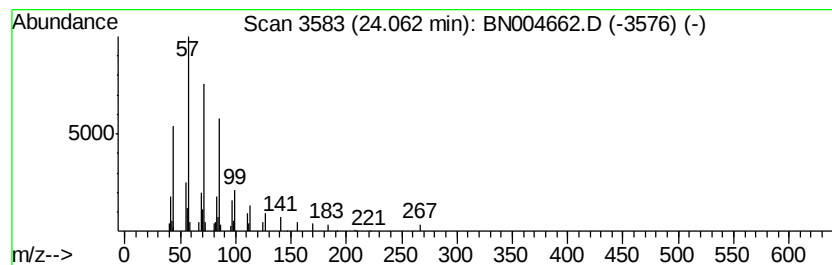
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.79 ng/ul	86690	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		Triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



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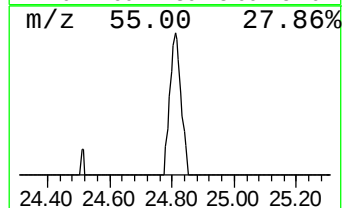
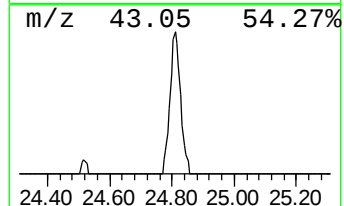
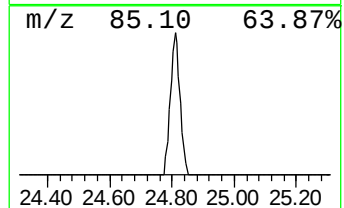
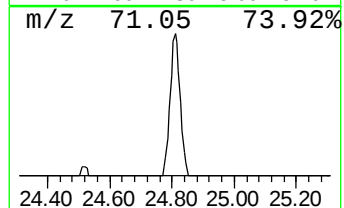
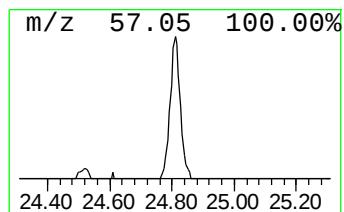
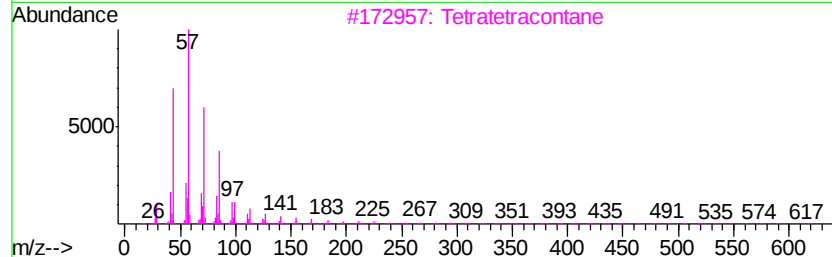
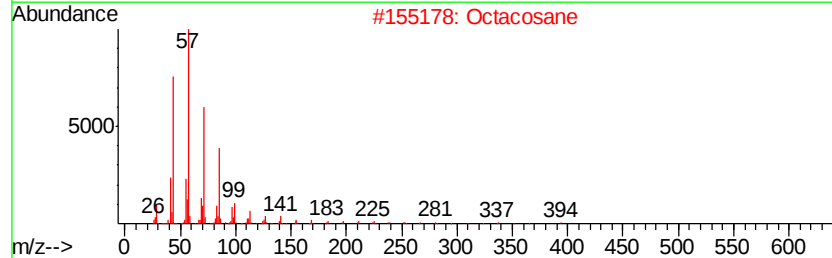
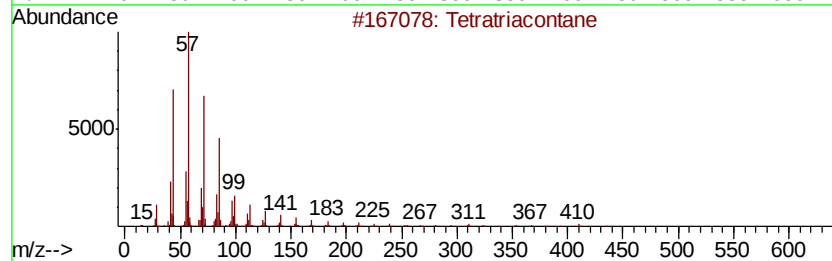
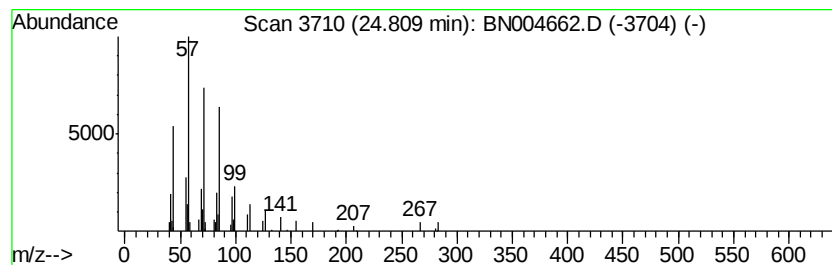
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	2.87 ng/ul	88956	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		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
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	2.7	ng/ul	81526	4	17.11	612050	20.0
(DEL) Alkane: Str...	22.84	2.4	ng/ul	73333	6	23.56	620829	20.0
(DEL) Alkane: Str...	24.06	2.8	ng/ul	86690	6	23.56	620829	20.0
(DEL) Alkane: Str...	24.81	2.9	ng/ul	88956	6	23.56	620829	20.0