

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024455.D
 Acq On : 10 Jan 2020 11:25
 Operator : JU
 Sample : L1022-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BR3

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_M\METHODS\SOM-EPA-BM010820MA.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	6.675	640	644	648	rBV2	186280	311157	5.22%	0.591%
2	6.840	667	672	680	rVB	666862	1014328	17.01%	1.926%
3	7.028	699	704	713	rVB	720544	1136576	19.06%	2.158%
4	7.493	777	783	789	rVB	930305	1440199	24.15%	2.734%
5	8.199	897	903	914	rBV	526158	797911	13.38%	1.515%
6	8.628	970	976	984	rVB	872005	1426044	23.91%	2.707%
7	9.140	1058	1063	1069	rVB	157637	241760	4.05%	0.459%
8	9.346	1092	1098	1106	rVB	461515	748972	12.56%	1.422%
9	9.881	1182	1189	1197	rBV	881271	1461168	24.50%	2.774%
10	10.252	1245	1252	1261	rVB	1147499	1840414	30.86%	3.494%
11	10.387	1271	1275	1283	rVB3	54110	99682	1.67%	0.189%
12	11.628	1482	1486	1491	rVB2	39080	52980	0.89%	0.101%
13	11.851	1520	1524	1529	rVB2	17771	28367	0.48%	0.054%
14	12.369	1609	1612	1616	rBV	6089	6971	0.12%	0.013%
15	13.557	1808	1814	1819	rBV	1909849	2540827	42.60%	4.824%
16	13.604	1819	1822	1828	rVB	104701	142613	2.39%	0.271%
17	13.822	1852	1859	1869	rVB	2030511	2950568	49.47%	5.602%
18	14.134	1906	1912	1919	rBV	1649751	2295669	38.49%	4.358%
19	14.339	1942	1947	1960	rBV2	120090	221403	3.71%	0.420%
20	14.986	2054	2057	2060	rVB4	11298	15193	0.25%	0.029%
21	15.016	2060	2062	2065	rBV3	5202	6912	0.12%	0.013%
22	15.134	2076	2082	2089	rBV	2812486	3755842	62.97%	7.130%
23	15.251	2096	2102	2117	rBV	554255	770967	12.93%	1.464%
24	15.375	2119	2123	2129	rBV4	26755	42143	0.71%	0.080%
25	15.733	2180	2184	2186	rBV2	7410	10004	0.17%	0.019%
26	15.916	2211	2215	2221	rBV7	10095	17022	0.29%	0.032%
27	16.104	2244	2247	2254	rVB6	5002	9533	0.16%	0.018%
28	16.669	2337	2343	2347	rBV3	9318	17393	0.29%	0.033%
29	16.880	2373	2379	2385	rVV	1931859	2692814	45.15%	5.112%
30	16.980	2390	2396	2403	rBV	3343014	4451190	74.63%	8.450%
31	17.204	2430	2434	2437	rVV4	6370	8375	0.14%	0.016%
32	17.251	2439	2442	2445	rVV4	4851	6768	0.11%	0.013%
33	17.316	2449	2453	2457	rVB6	10984	16152	0.27%	0.031%
34	17.598	2499	2501	2504	rBV3	4672	6018	0.10%	0.011%

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35	17.822	2535	2539	2547	rBV2	129723	177085	2.97%	0.336%
36	17.892	2547	2551	2556	rVV4	13855	26312	0.44%	0.050%
37	18.127	2587	2591	2595	rVB7	6839	11759	0.20%	0.022%
38	18.180	2597	2600	2603	rBV3	6958	8102	0.14%	0.015%
39	18.263	2611	2614	2618	rVB4	7743	9812	0.16%	0.019%
40	18.545	2659	2662	2664	rBV4	5942	6389	0.11%	0.012%
41	18.680	2683	2685	2690	rBV5	10866	14039	0.24%	0.027%
42	18.774	2699	2701	2705	rVB4	16246	21717	0.36%	0.041%
43	18.845	2709	2713	2717	rBV6	6893	10850	0.18%	0.021%
44	18.922	2720	2726	2731	rBV2	38524	55208	0.93%	0.105%
45	19.074	2750	2752	2756	rVB5	7552	6756	0.11%	0.013%
46	19.122	2756	2760	2764	rBV5	52138	76029	1.27%	0.144%
47	19.174	2764	2769	2774	rVB	31592	50044	0.84%	0.095%
48	19.286	2782	2788	2794	rBV	4150420	5420090	90.87%	10.290%
49	19.363	2798	2801	2805	rVB2	66934	71160	1.19%	0.135%
50	19.704	2857	2859	2862	rBV4	8516	9127	0.15%	0.017%
51	19.857	2883	2885	2889	rBV5	12011	18142	0.30%	0.034%
52	19.904	2889	2893	2896	rBV	124271	148097	2.48%	0.281%
53	20.216	2944	2946	2948	rBV3	12484	8283	0.14%	0.016%
54	20.404	2974	2978	2983	rVB2	115973	132074	2.21%	0.251%
55	20.851	3050	3054	3060	rBV4	267157	439315	7.37%	0.834%
56	21.092	3089	3095	3102	rBV	2723601	3295534	55.25%	6.256%
57	21.304	3128	3131	3136	rVB	112939	119262	2.00%	0.226%
58	21.727	3200	3203	3210	rBV2	161707	202822	3.40%	0.385%
59	22.174	3276	3279	3285	rVB	237779	298427	5.00%	0.567%
60	22.662	3358	3362	3371	rVB	307178	465993	7.81%	0.885%
61	23.092	3428	3435	3445	rVB	3570976	5964684	100.00%	11.324%
62	23.221	3449	3457	3466	rVV	2159757	4146232	69.51%	7.871%
63	23.815	3553	3558	3563	rBV2	289886	493874	8.28%	0.938%
64	24.521	3673	3678	3685	rVB3	195915	383205	6.42%	0.727%

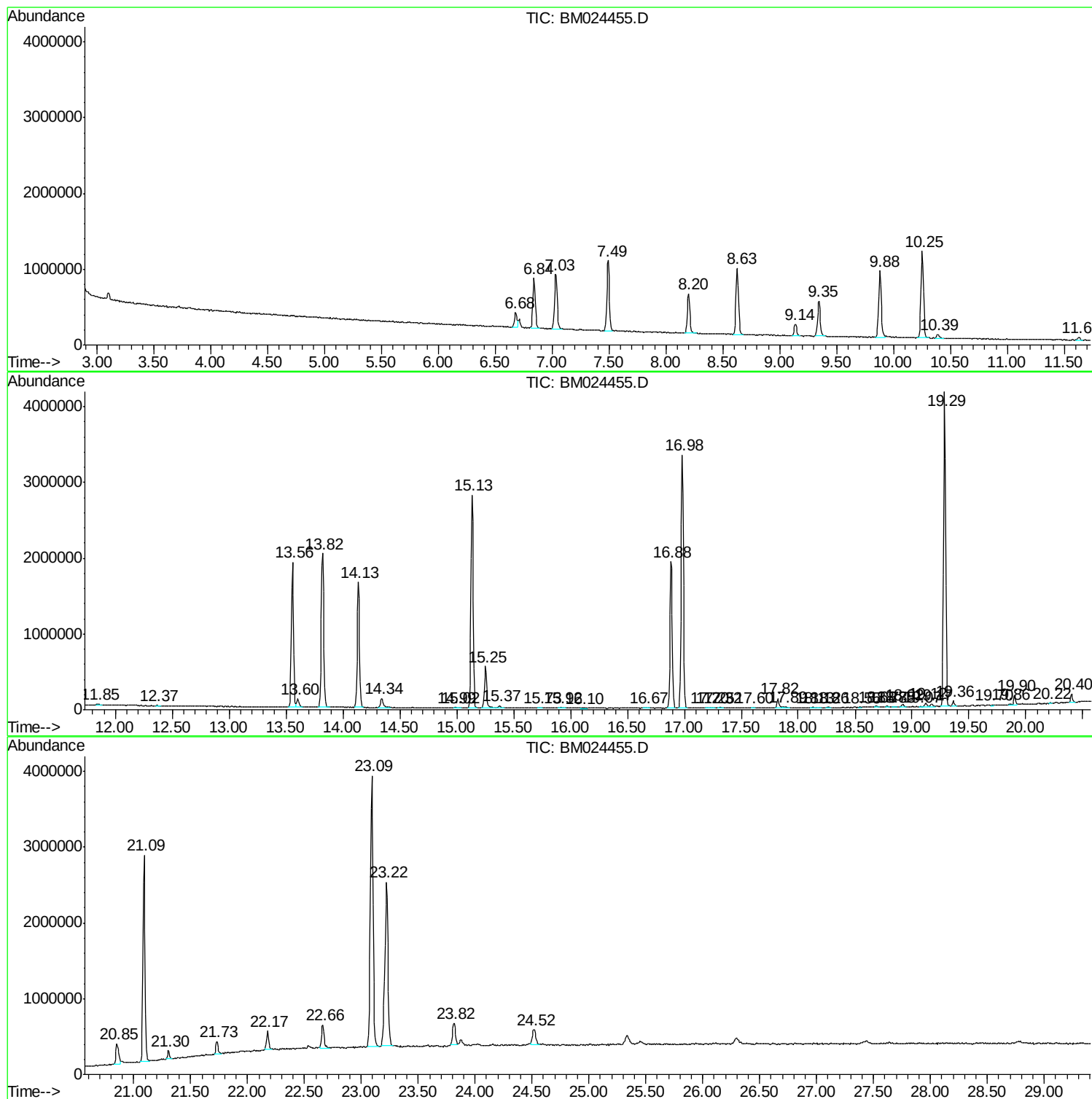
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Quant Title : SVOA CALIBRATION

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



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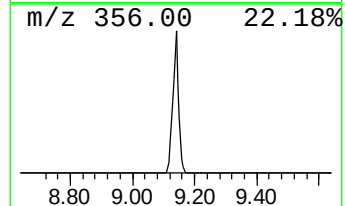
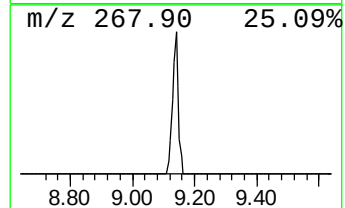
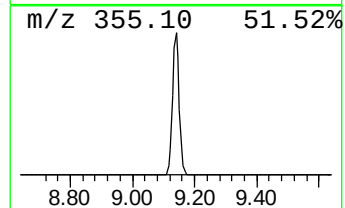
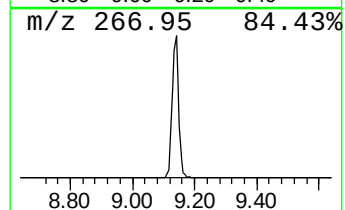
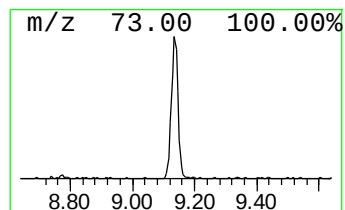
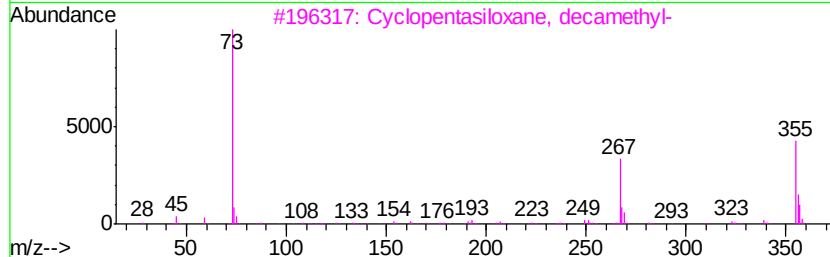
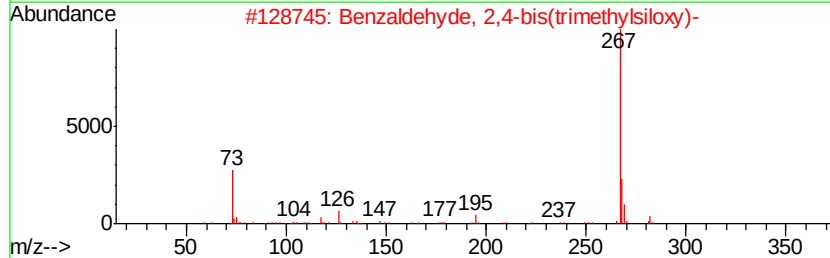
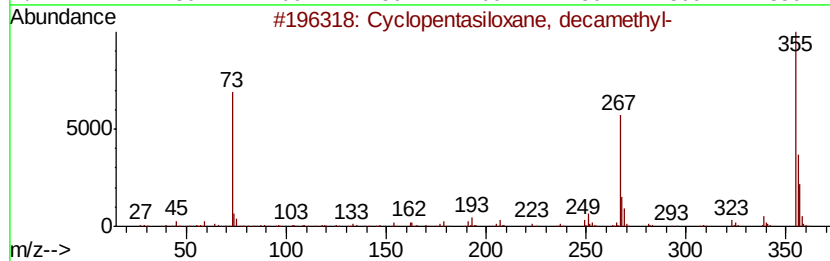
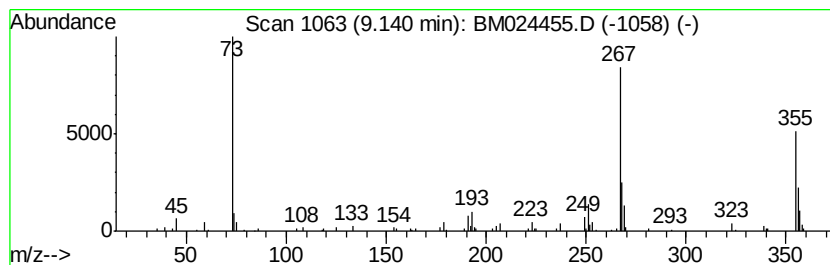
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	2.63 ng/ul	241760	Naphthalene-d8	10.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2		Benzaldehyde, 2,4-bis(trimethylsiloxy)-	282	C13H22O3Si2	033617-38-8	47
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	46
4		m-Hydroxymandelic acid, tris(trimethylsiloxy)-	384	C17H32O4Si3	068595-69-7	43
5		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	43



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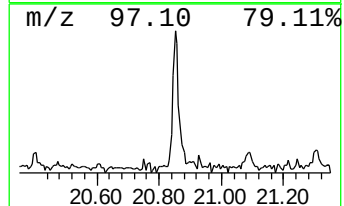
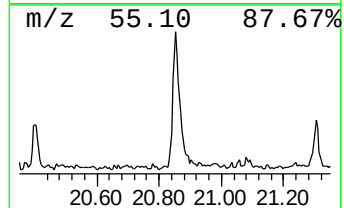
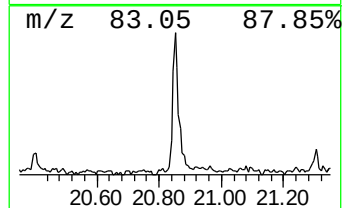
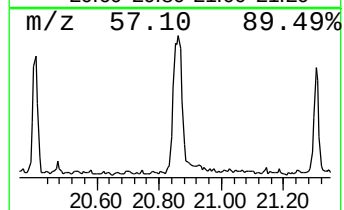
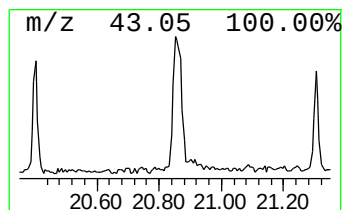
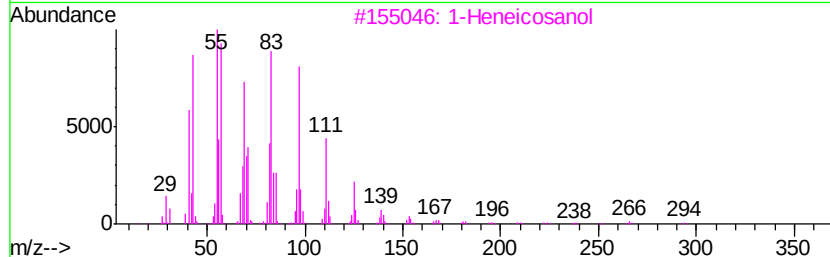
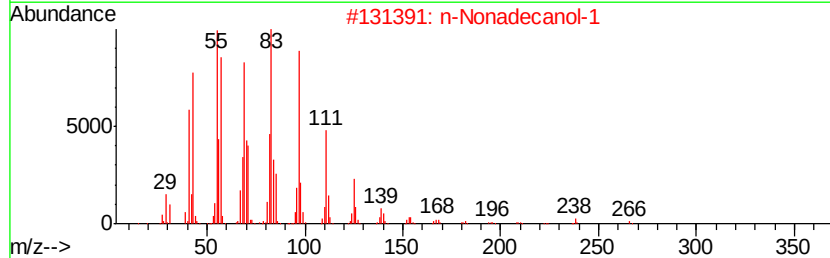
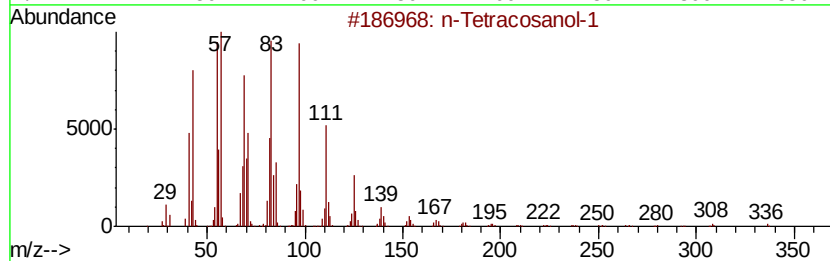
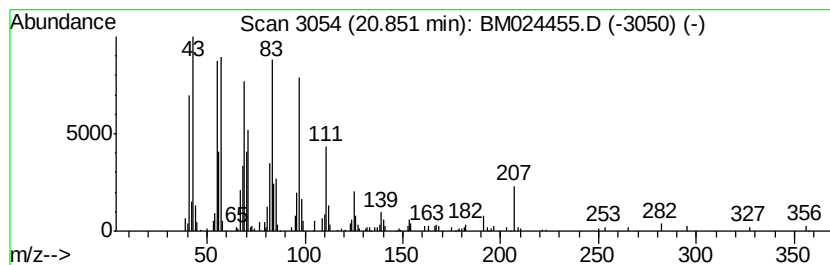
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.85	2.67 ng/ul	439315	Chrysene-d12	21.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93



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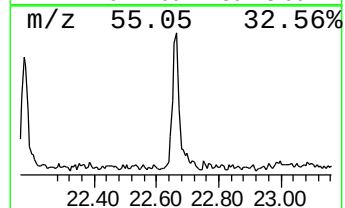
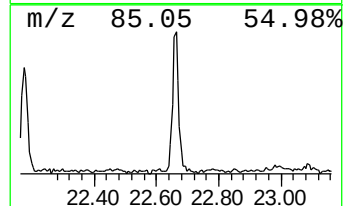
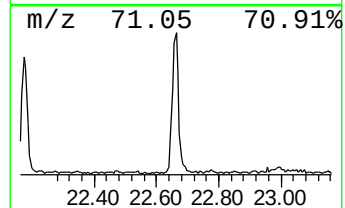
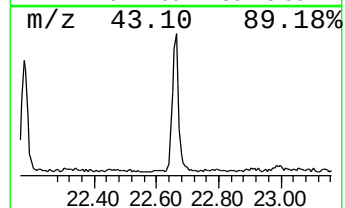
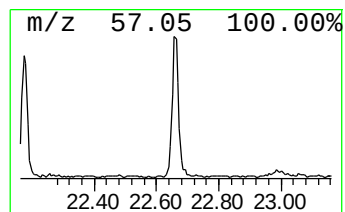
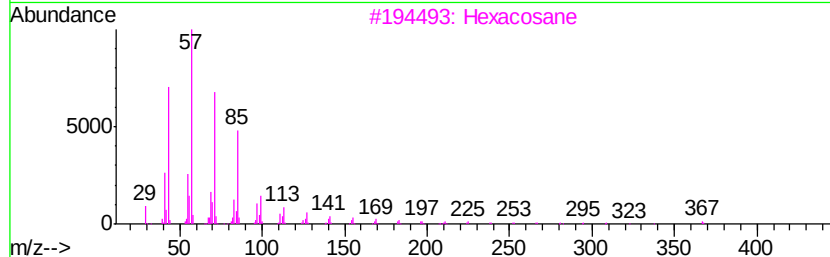
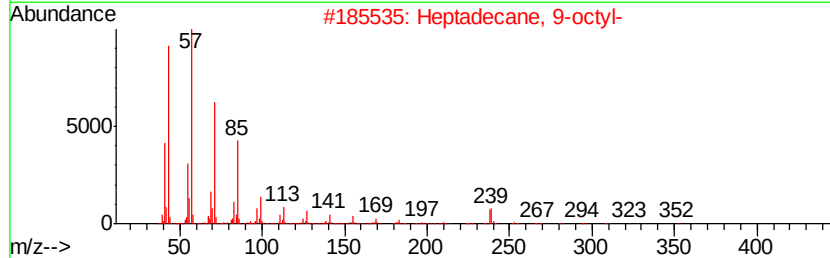
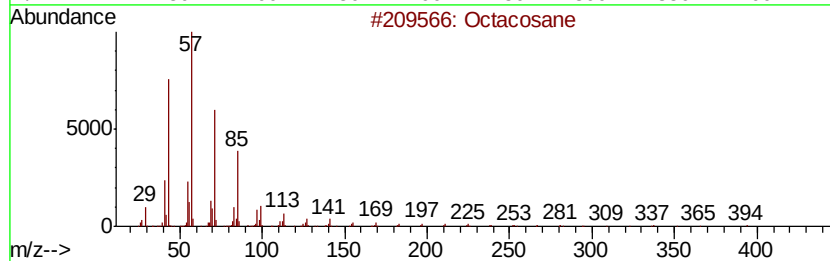
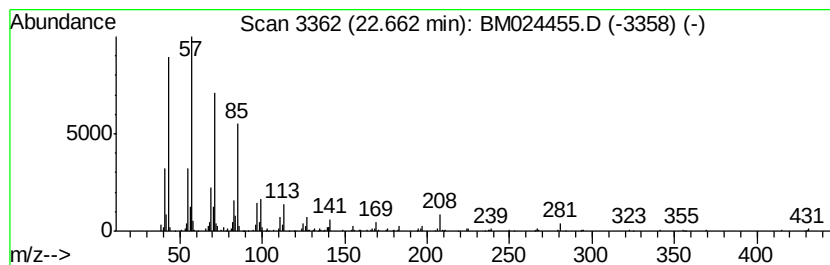
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.25 ng/ul	465993	Perylene-d12	23.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosane	394 C28H58	000630-02-4 90
2		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 90
3		Hexacosane	366 C26H54	000630-01-3 90
4		Tetratetracontane	619 C44H90	007098-22-8 90
5		Docosane, 11-butyl-	366 C26H54	013475-76-8 87



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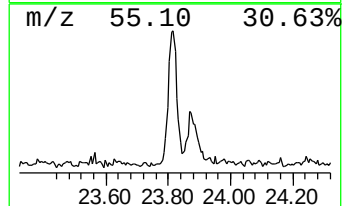
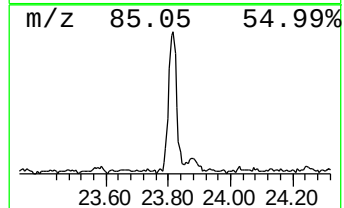
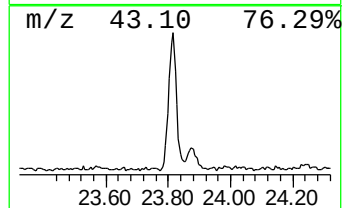
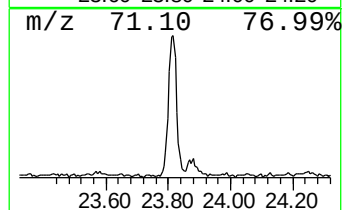
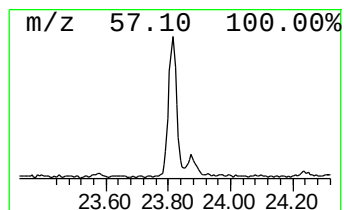
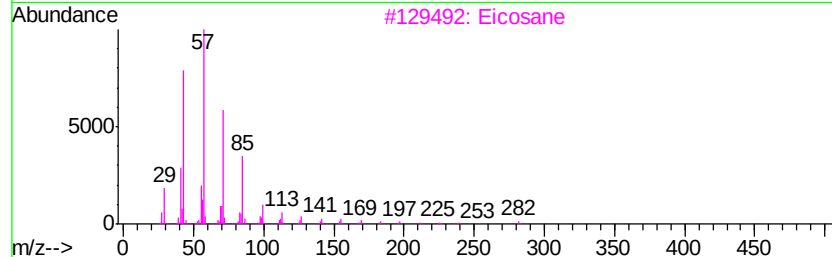
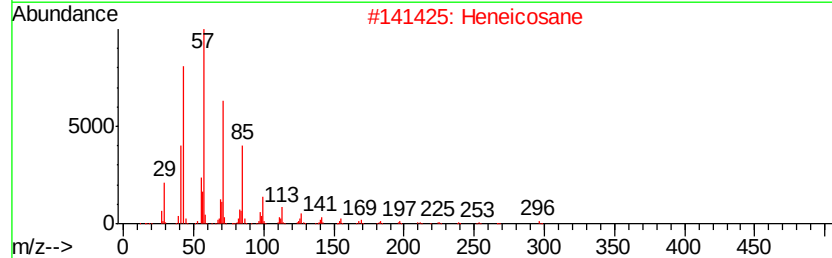
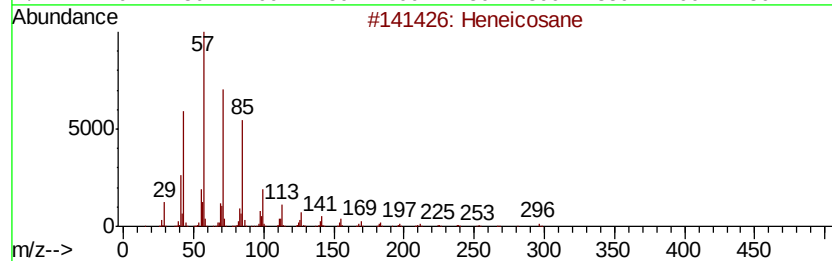
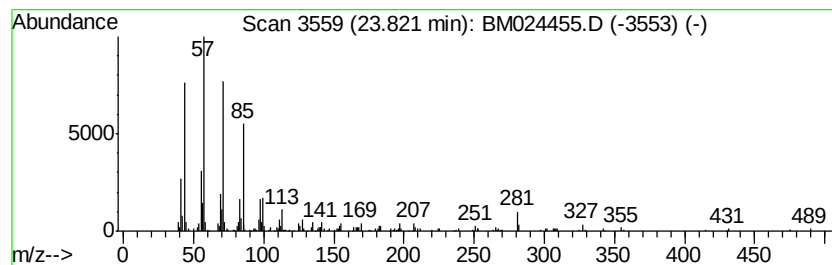
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.38 ng/ul	493874	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heneicosane	296	C21H44	000629-94-7	97
3		Eicosane	282	C20H42	000112-95-8	96
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
5		Eicosane	282	C20H42	000112-95-8	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentasiloxan...	9.14	2.6	ng/ul	241760	2	10.25	1840410	20.0
n-Tetracosanol-1	20.85	2.7	ng/ul	439315	5	21.09	3295530	20.0
(DEL) Alkane: Str...	22.66	2.3	ng/ul	465993	6	23.22	4146230	20.0
(DEL) Alkane: Str...	23.82	2.4	ng/ul	493874	6	23.22	4146230	20.0