

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008563.D
 Acq On : 14 Nov 2019 19:07
 Operator : JU
 Sample : K5656-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5452

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-BN111319MA.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	3.223	36	40	48	rVB	114339	158863	1.79%	0.150%
2	3.846	142	146	151	rVB2	20050	30721	0.35%	0.029%
3	3.934	156	161	165	rVB2	28845	45144	0.51%	0.043%
4	4.828	307	313	317	rBV6	11397	24589	0.28%	0.023%
5	6.328	564	568	571	rBV5	8102	12084	0.14%	0.011%
6	6.817	645	651	665	rVB2	416568	825168	9.28%	0.779%
7	6.981	670	679	687	rBV	974929	1555667	17.49%	1.468%
8	7.175	703	712	719	rBV	1256943	1946401	21.89%	1.837%
9	7.634	782	790	797	rBV	2233035	3507542	39.44%	3.310%
10	7.716	800	804	809	rVB6	15351	25049	0.28%	0.024%
11	8.334	902	909	921	rBV	1038639	1665010	18.72%	1.571%
12	8.769	977	983	994	rVB	1368428	2240524	25.19%	2.114%
13	8.958	1014	1015	1019	rVB3	9283	9274	0.10%	0.009%
14	9.263	1064	1067	1071	rVB2	15225	23700	0.27%	0.022%
15	9.487	1096	1105	1113	rBV	1160694	1880864	21.15%	1.775%
16	10.022	1189	1196	1206	rBV	1681345	2840100	31.94%	2.680%
17	10.399	1252	1260	1269	rBV	3126692	5113729	57.50%	4.826%
18	10.528	1276	1282	1289	rBV2	129116	233008	2.62%	0.220%
19	11.210	1393	1398	1399	rBV3	7424	10199	0.11%	0.010%
20	11.993	1525	1531	1536	rVB2	33985	51114	0.57%	0.048%
21	13.110	1716	1721	1722	rBV5	6626	8989	0.10%	0.008%
22	13.246	1743	1744	1750	rVB4	6100	9074	0.10%	0.009%
23	13.587	1800	1802	1808	rVB6	9023	10025	0.11%	0.009%
24	13.675	1810	1817	1822	rBV	3263725	4557463	51.25%	4.301%
25	13.722	1822	1825	1831	rVB	366174	480624	5.40%	0.454%
26	13.946	1856	1863	1870	rBV2	3431632	5210493	58.59%	4.917%
27	14.204	1902	1907	1909	rBV5	8600	10874	0.12%	0.010%
28	14.257	1909	1916	1925	rVV	4581045	6925661	77.88%	6.536%
29	14.451	1943	1949	1958	rBV	441023	683401	7.68%	0.645%
30	14.681	1984	1988	1996	rVB7	35223	60253	0.68%	0.057%
31	15.098	2053	2059	2063	rBV4	12548	18456	0.21%	0.017%
32	15.157	2065	2069	2074	rVB6	13046	20385	0.23%	0.019%
33	15.257	2079	2086	2095	rVB	4380061	6512190	73.23%	6.146%
34	15.369	2099	2105	2117	rBV	1446525	1989551	22.37%	1.878%

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35	15.498	2122	2127	2132	rVB	58685	87739	0.99%	0.083%
36	16.016	2211	2215	2216	rBV4	12281	13939	0.16%	0.013%
37	16.040	2216	2219	2223	rVB5	21349	28136	0.32%	0.027%
38	16.381	2271	2277	2278	rBV6	5325	9671	0.11%	0.009%
39	16.657	2320	2324	2325	rBV4	8610	10433	0.12%	0.010%
40	16.687	2325	2329	2333	rVV7	13274	18983	0.21%	0.018%
41	16.787	2341	2346	2355	rVB3	31095	62968	0.71%	0.059%
42	17.004	2376	2383	2389	rBV	5588963	7933975	89.22%	7.487%
43	17.098	2393	2399	2412	rVB	5437668	7636545	85.87%	7.207%
44	17.204	2412	2417	2420	rBV4	52565	72300	0.81%	0.068%
45	17.234	2420	2422	2430	rVB5	28417	39435	0.44%	0.037%
46	17.363	2441	2444	2445	rBV3	13693	13811	0.16%	0.013%
47	17.928	2535	2540	2547	rBV4	84238	125575	1.41%	0.119%
48	18.210	2583	2588	2589	rBV4	26471	34422	0.39%	0.032%
49	19.034	2723	2728	2732	rBV	76613	114039	1.28%	0.108%
50	19.281	2767	2770	2777	rVB	58597	76987	0.87%	0.073%
51	19.398	2782	2790	2797	rBV	6685025	8892748	100.00%	8.392%
52	20.357	2950	2953	2958	rBV	227838	239601	2.69%	0.226%
53	20.945	3049	3053	3058	rBV	816852	1050963	11.82%	0.992%
54	20.992	3059	3061	3067	rVB	148500	181160	2.04%	0.171%
55	21.198	3091	3096	3102	rBV	6468567	8241775	92.68%	7.778%
56	21.398	3127	3130	3135	rVB2	232371	244623	2.75%	0.231%
57	21.827	3200	3203	3208	rBV	385796	485092	5.45%	0.458%
58	22.286	3277	3281	3288	rVB	639641	810187	9.11%	0.765%
59	22.780	3361	3365	3375	rVB	767834	1157602	13.02%	1.092%
60	23.245	3437	3444	3452	rVB	4341842	8025264	90.25%	7.574%
61	23.339	3455	3460	3462	rVV	834112	1439528	16.19%	1.358%
62	23.380	3462	3467	3476	rVB	4249795	7896929	88.80%	7.452%
63	23.963	3562	3566	3574	rVB	707973	1298133	14.60%	1.225%
64	24.692	3685	3690	3697	rVB2	499964	1025844	11.54%	0.968%

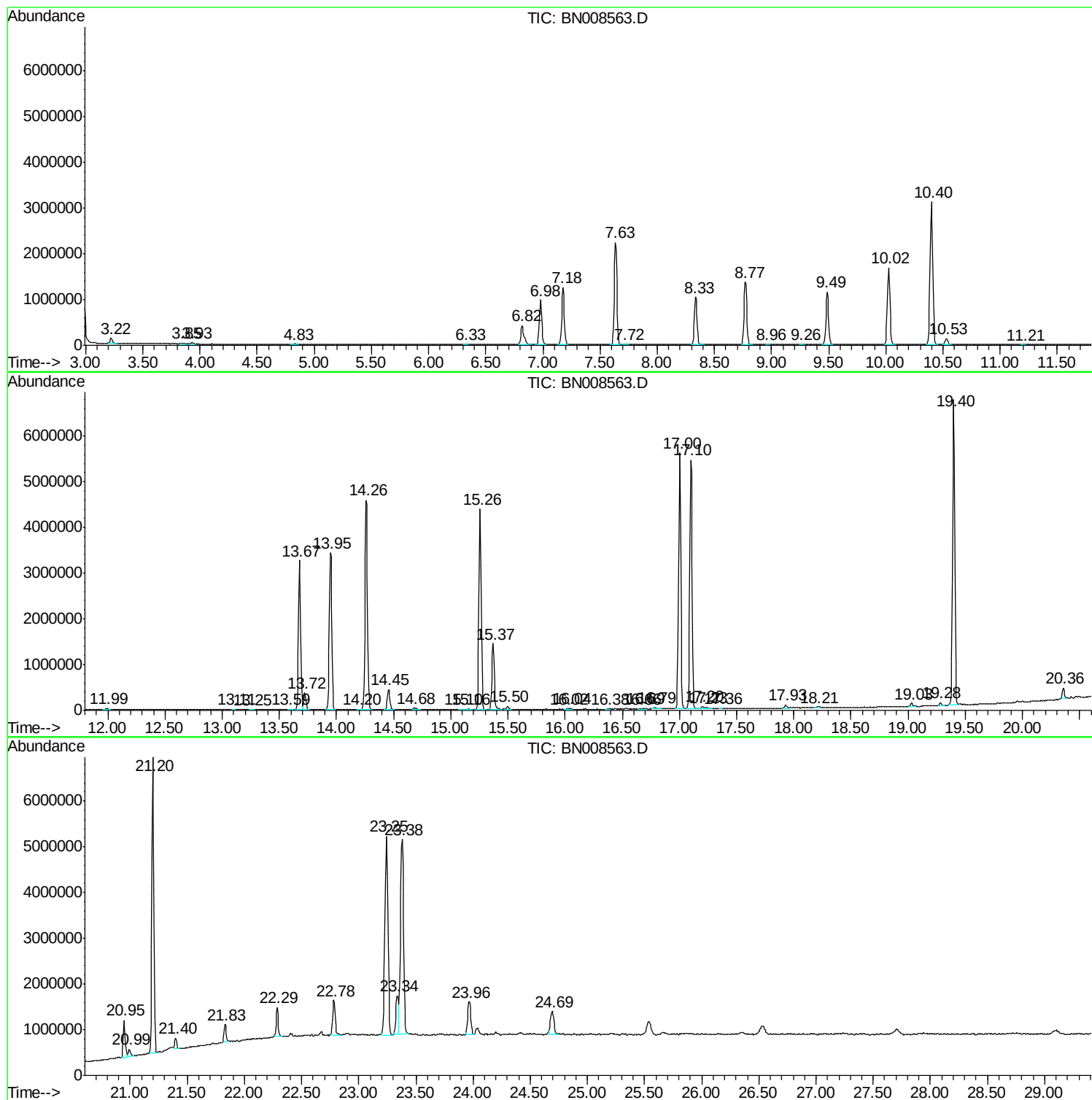
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Quant Title : SVOA CALIBRATION

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



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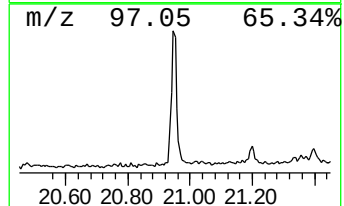
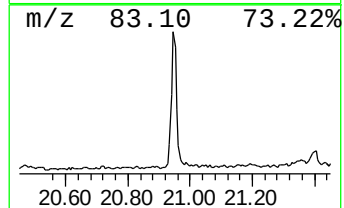
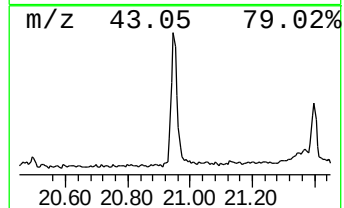
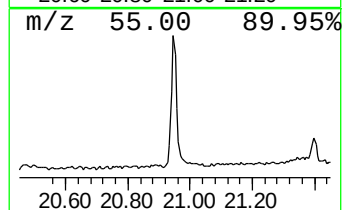
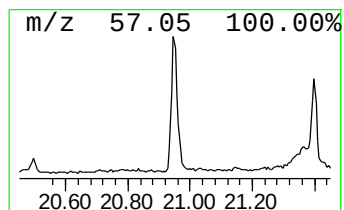
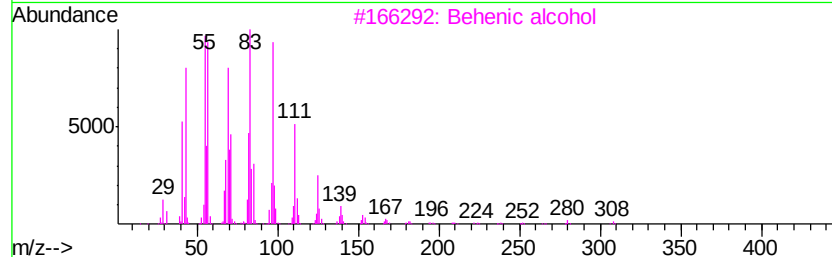
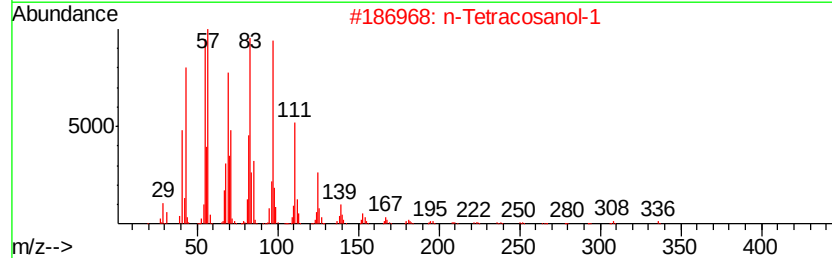
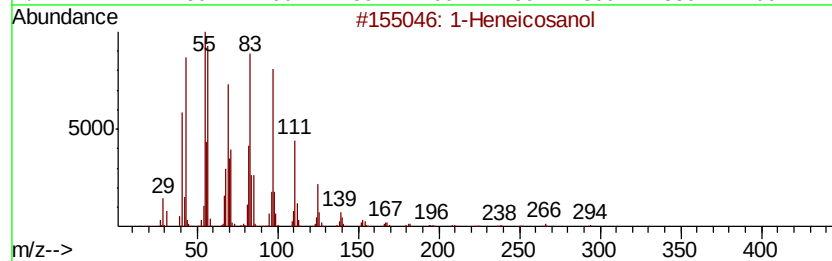
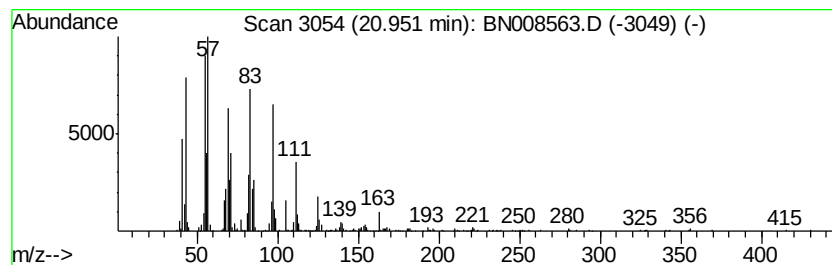
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	2.55 ng/ul	1050960	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354 C24H50O	000506-51-4	91
3	Behenic alcohol	326 C22H46O	000661-19-8	91
4	Cyclotetracosane	336 C24H48	000297-03-0	91
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	90



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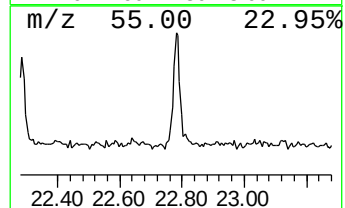
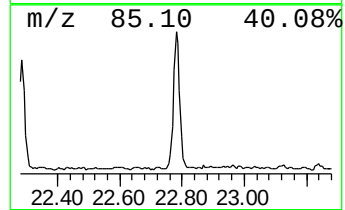
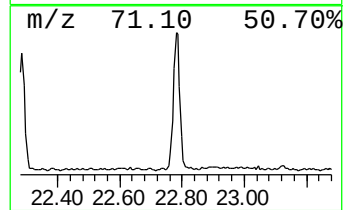
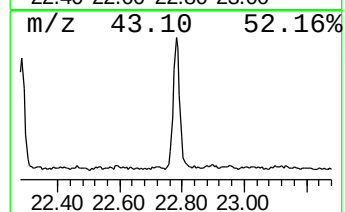
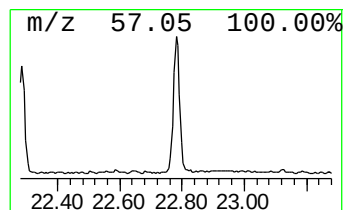
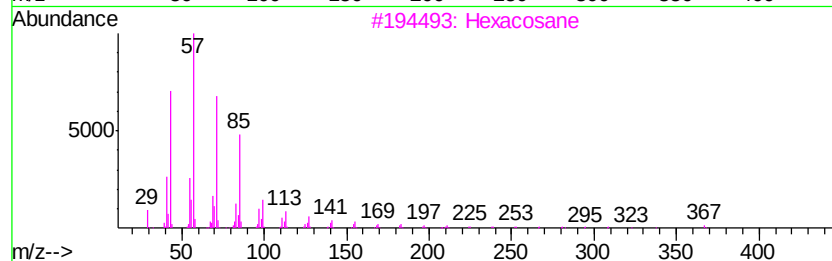
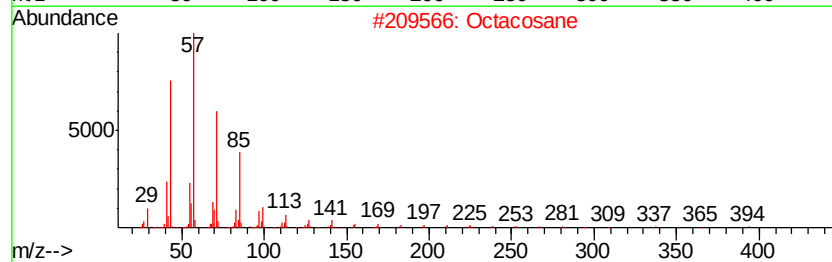
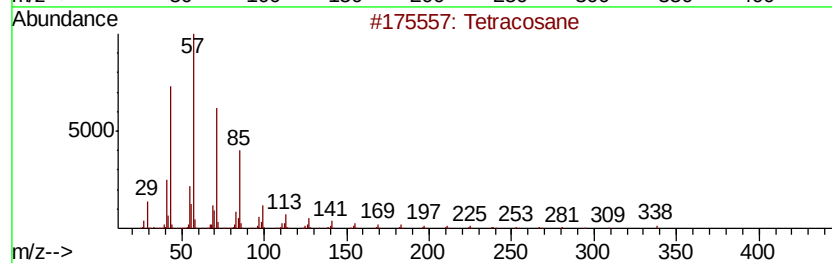
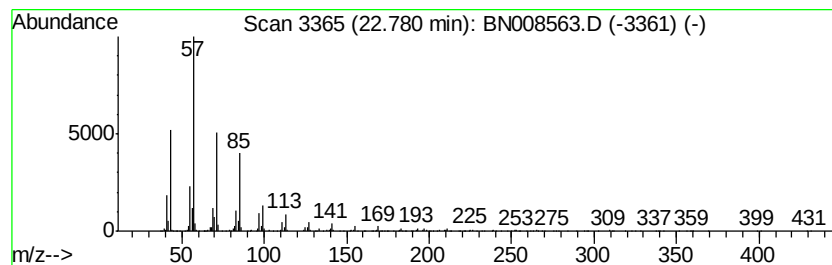
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	2.93 ng/ul	1157600	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octadecane	254	C18H38	000593-45-3	90



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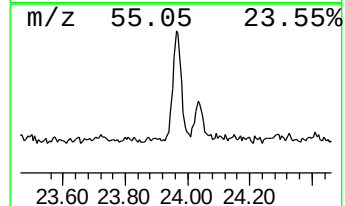
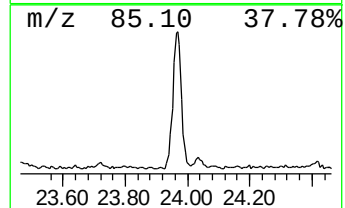
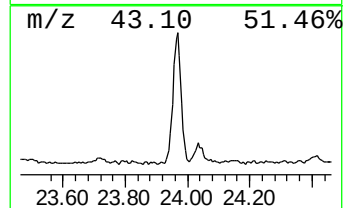
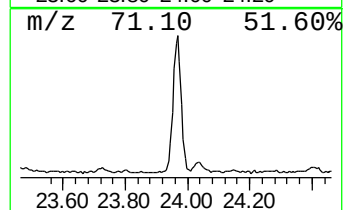
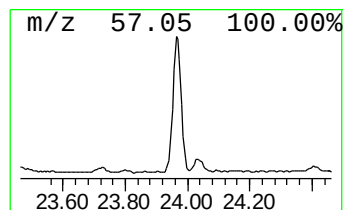
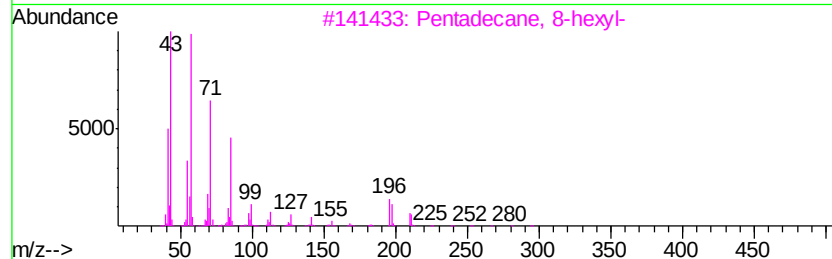
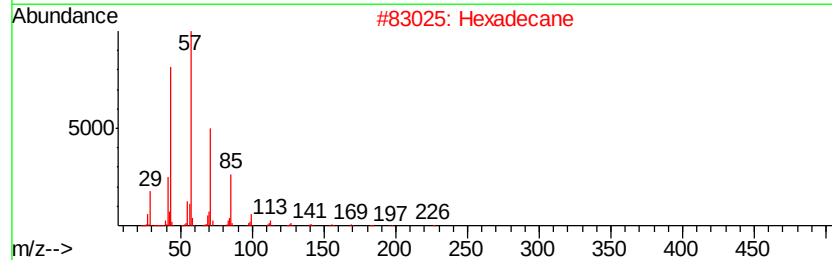
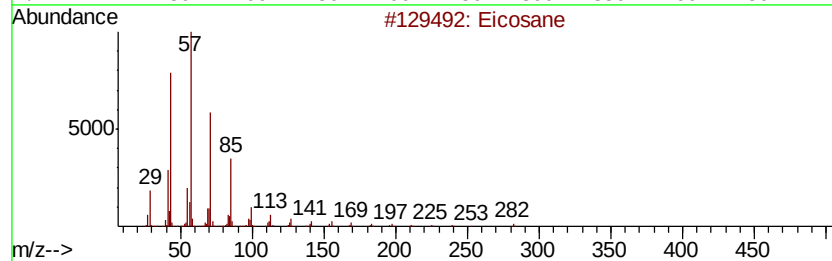
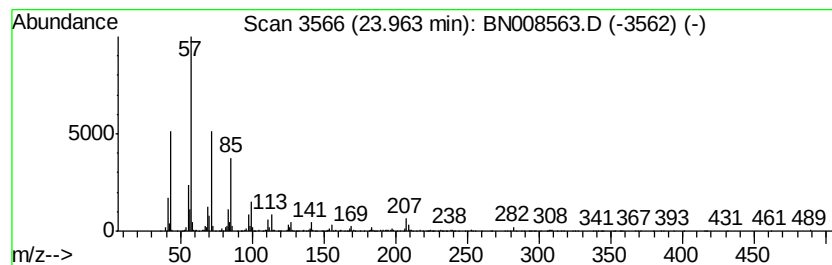
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.29 ng/ul	1298130	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexadecane	226	C16H34	000544-76-3	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Tetracosane	338	C24H50	000646-31-1	87
5		Octacosane	394	C28H58	000630-02-4	87



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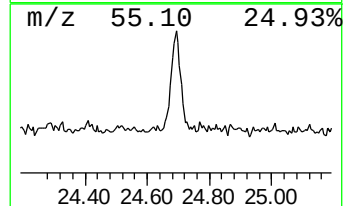
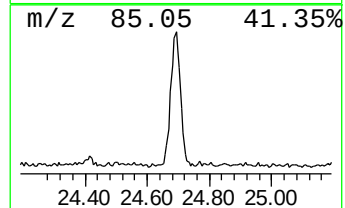
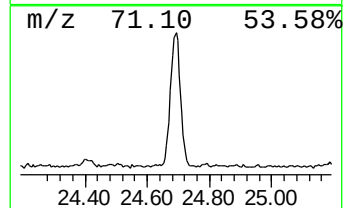
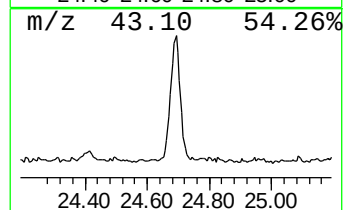
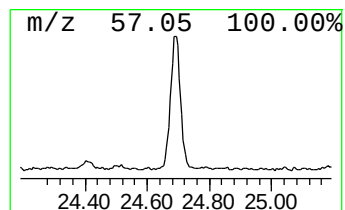
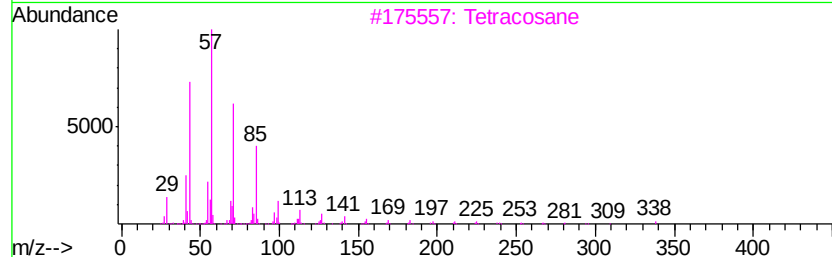
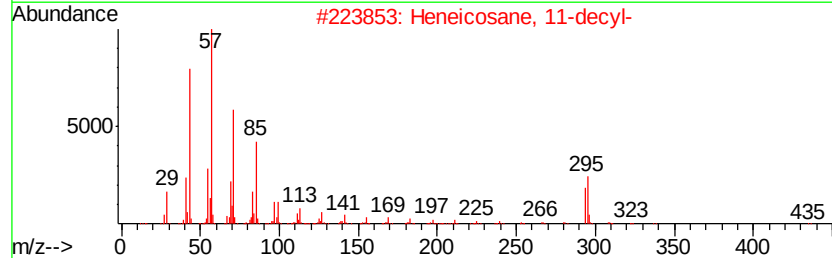
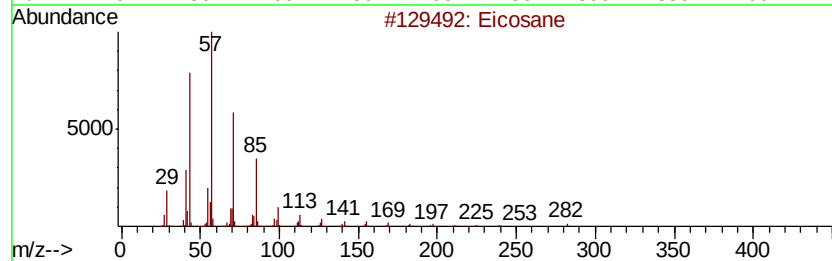
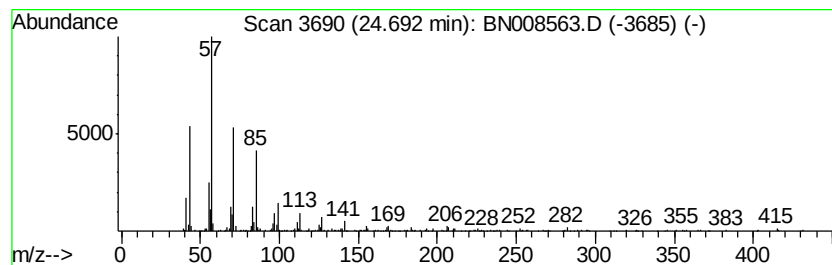
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.60 ng/ul	1025840	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosanol	20.95	2.5	ng/ul	1050960	5	21.20	8241780	20.0
(DEL) Alkane: Str...	22.78	2.9	ng/ul	1157600	6	23.38	7896930	20.0
(DEL) Alkane: Str...	23.96	3.3	ng/ul	1298130	6	23.38	7896930	20.0
(DEL) Alkane: Str...	24.69	2.6	ng/ul	1025840	6	23.38	7896930	20.0