

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002929.D
 Acq On : 04 Oct 2018 13:09
 Operator : MJ/SJ
 Sample : J5183-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC44

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN091418MA.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	3.199	32	36	43	rVB	20291	29349	1.19%	0.101%
2	6.816	645	651	668	rBV	316692	618621	25.05%	2.127%
3	6.969	671	677	690	rBV	295645	461005	18.67%	1.585%
4	7.163	703	710	721	rBV	361000	589051	23.85%	2.025%
5	7.622	781	788	797	rBV	433375	716075	28.99%	2.462%
6	8.334	902	909	926	rBV	399468	724727	29.34%	2.492%
7	8.775	978	984	999	rBV	337051	573652	23.23%	1.973%
8	9.493	1099	1106	1119	rVB	274339	483369	19.57%	1.662%
9	10.034	1192	1198	1216	rBV	386095	751450	30.43%	2.584%
10	10.393	1252	1259	1269	rBV	669538	1118707	45.30%	3.847%
11	10.540	1276	1284	1304	rBV	381246	754196	30.54%	2.593%
12	13.675	1811	1817	1821	rBV	874359	1232681	49.91%	4.239%
13	13.722	1821	1825	1835	rVB	481510	680431	27.55%	2.340%
14	13.951	1857	1864	1879	rBV	1026965	1539513	62.33%	5.294%
15	14.263	1910	1917	1929	rVB2	1030050	1573562	63.71%	5.411%
16	14.504	1953	1958	1977	rBV	161413	417560	16.91%	1.436%
17	15.263	2080	2087	2095	rBV	1294484	1964852	79.56%	6.756%
18	15.404	2106	2111	2123	rBV	320725	503459	20.38%	1.731%
19	17.016	2378	2385	2395	rBV	1322939	1907608	77.24%	6.559%
20	17.110	2395	2401	2413	rVB	1468149	2155398	87.27%	7.411%
21	17.922	2534	2539	2547	rBV	66870	105681	4.28%	0.363%
22	19.416	2787	2793	2800	rBV	1831057	2469802	100.00%	8.493%
23	19.974	2884	2888	2892	rBV	31228	34894	1.41%	0.120%
24	20.469	2969	2972	2977	rBV	46232	52139	2.11%	0.179%
25	20.939	3048	3052	3068	rBV2	108011	207238	8.39%	0.713%
26	21.221	3094	3100	3106	rBV	1492213	2039504	82.58%	7.013%
27	21.374	3122	3126	3129	rBV	98636	103189	4.18%	0.355%
28	21.804	3195	3199	3204	rBV	125520	145953	5.91%	0.502%
29	22.257	3272	3276	3282	rVB	148963	193540	7.84%	0.665%
30	22.380	3293	3297	3302	rVB	108205	133211	5.39%	0.458%
31	22.751	3356	3360	3365	rVB	190165	264256	10.70%	0.909%
32	23.286	3444	3451	3462	rBV	1093996	2165483	87.68%	7.446%
33	23.421	3468	3474	3484	rVB2	840670	1608825	65.14%	5.532%
34	23.927	3554	3560	3567	rVB	163777	313232	12.68%	1.077%

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ALS Vial : 8 Sample Multiplier: 1

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	24.645	3677	3682	3690	rVB	126315	260339	10.54%	0.895%
36	25.486	3820	3825	3834	rVB3	79211	189577	7.68%	0.652%

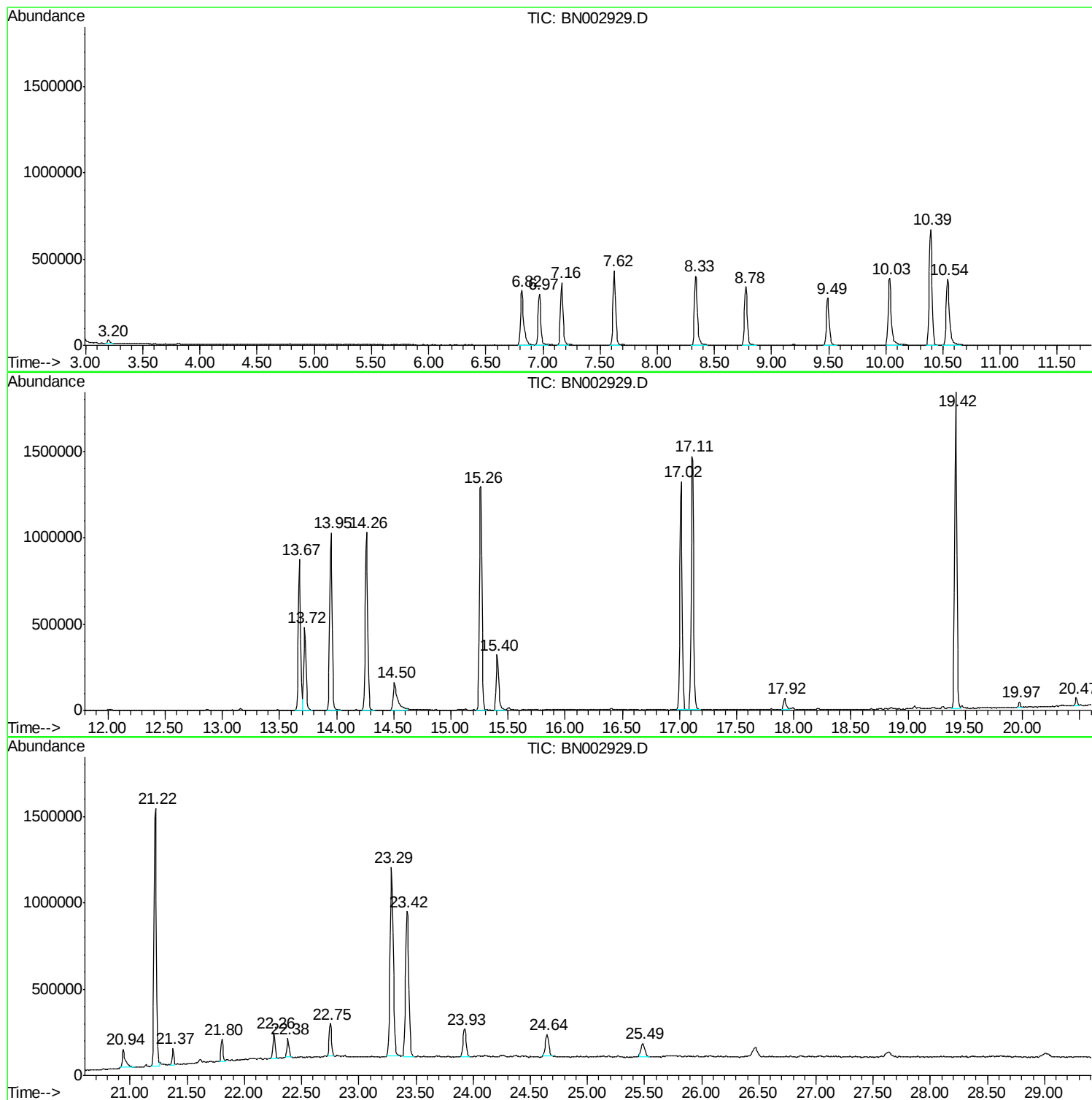
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



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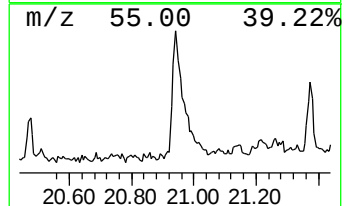
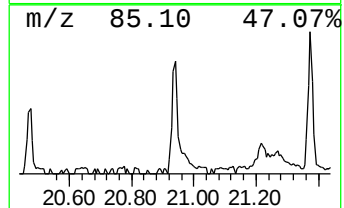
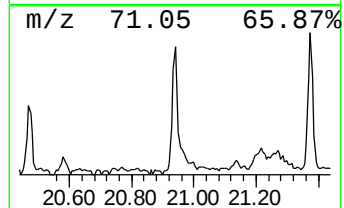
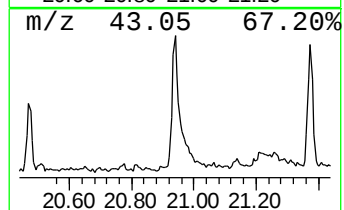
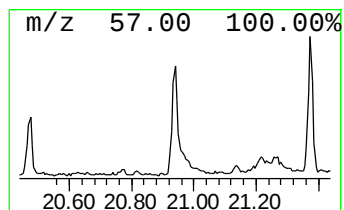
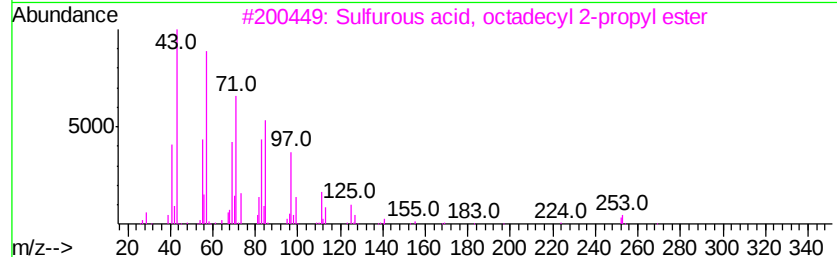
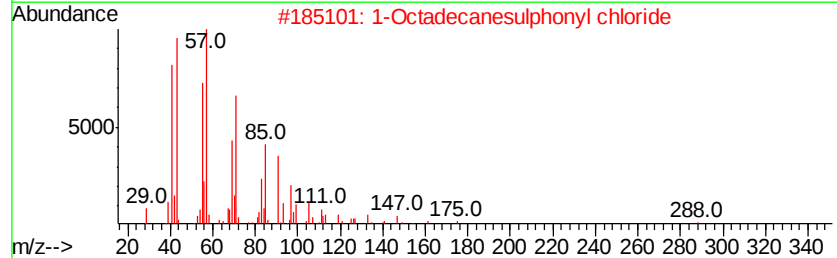
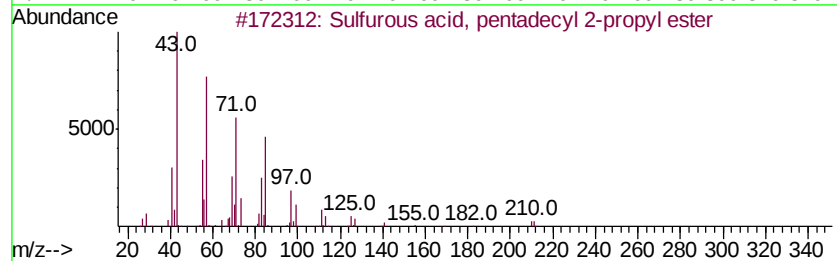
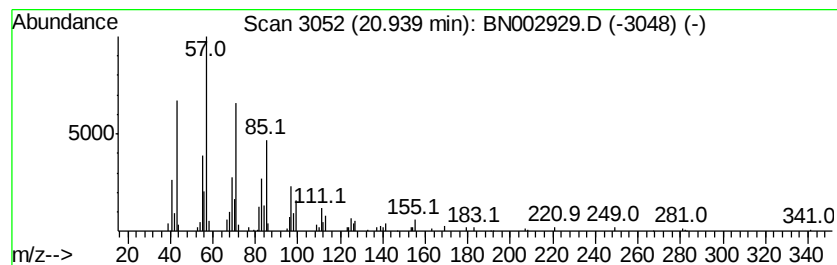
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfurous acid, pentadecyl ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.03 ng/ul	207238	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74
4		17-Pentatriacontene	491	C35H70	006971-40-0	64
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	53



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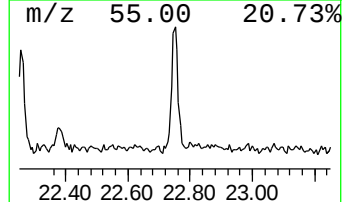
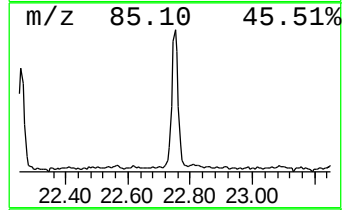
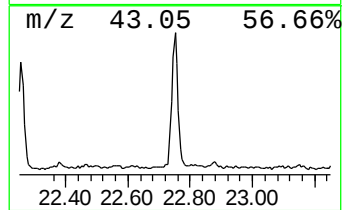
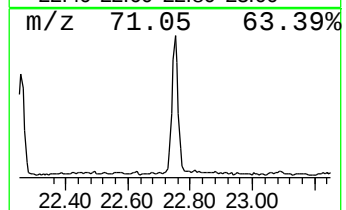
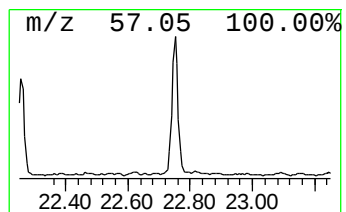
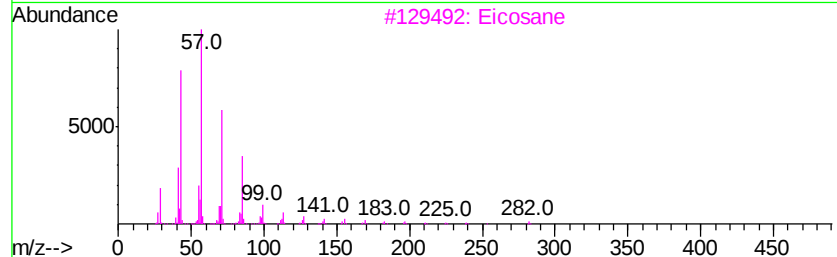
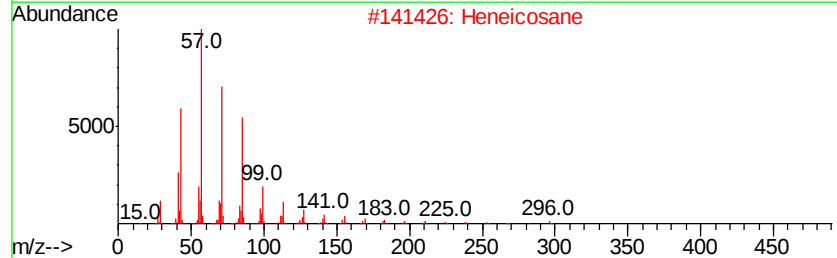
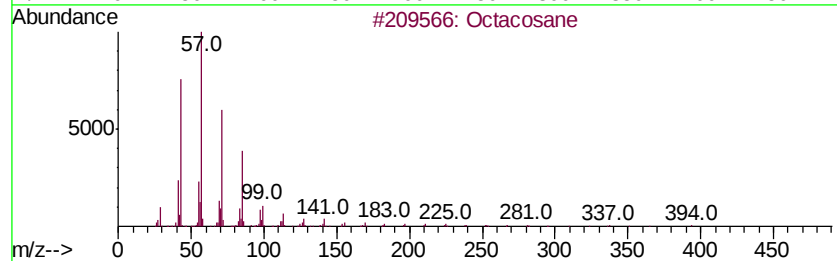
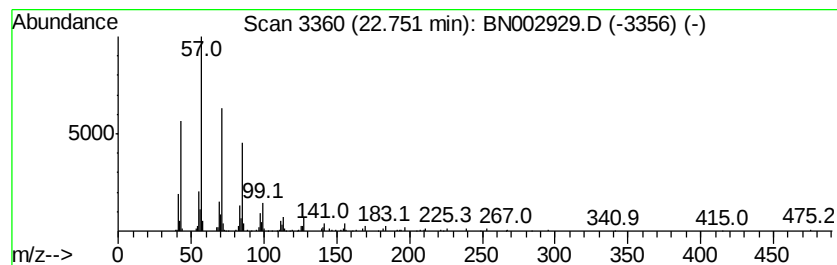
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	3.29 ng/ul	264256	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Eicosane	282	C20H42	000112-95-8	91



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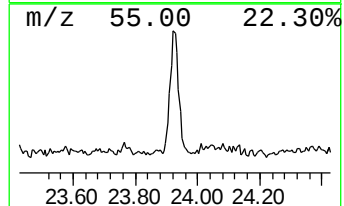
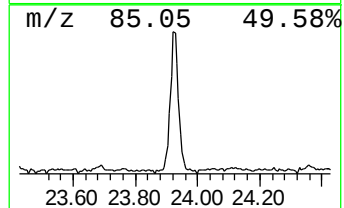
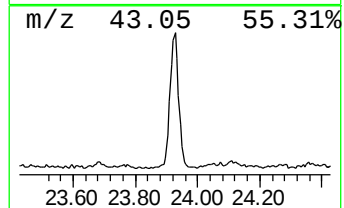
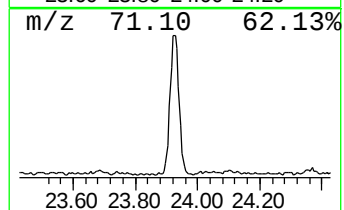
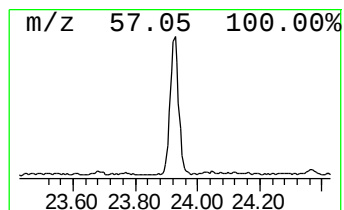
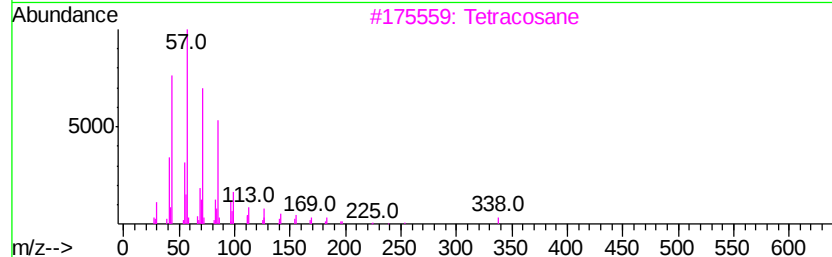
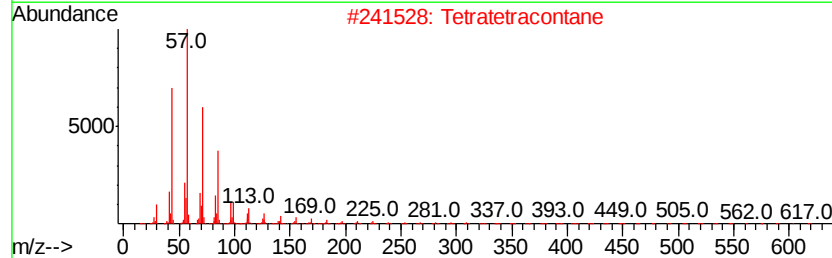
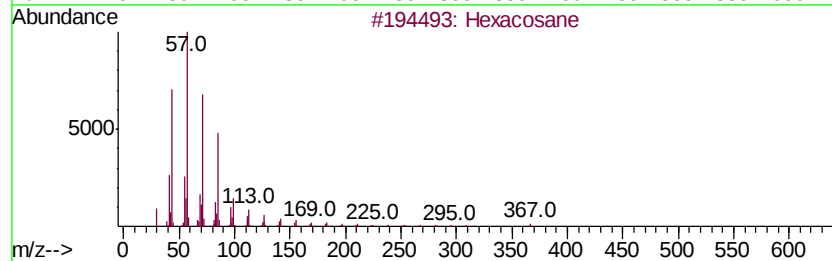
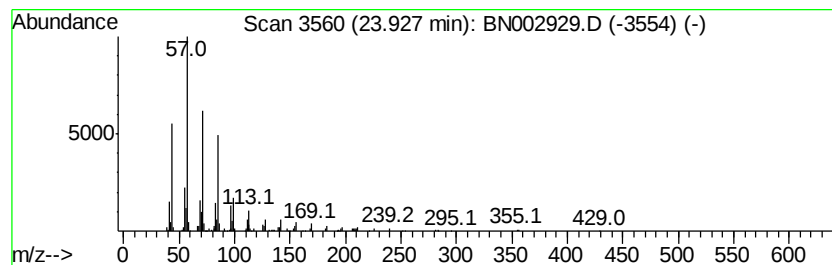
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Quant Title : SVOA CALIBRATION

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.
23.93	3.89 ng/ul	313232	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Triacontane	422	C30H62	000638-68-6	91



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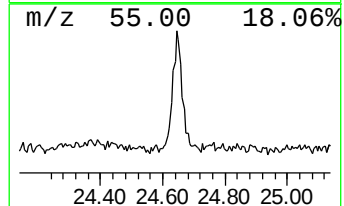
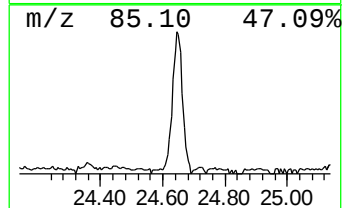
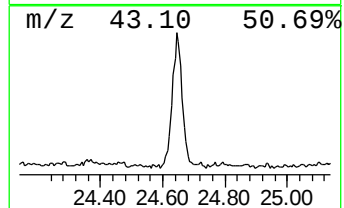
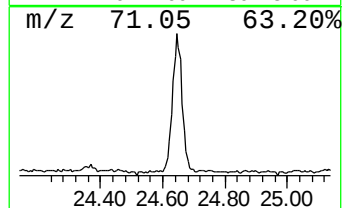
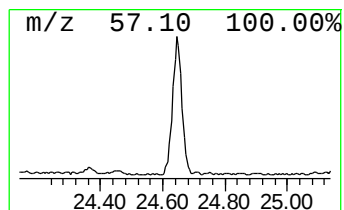
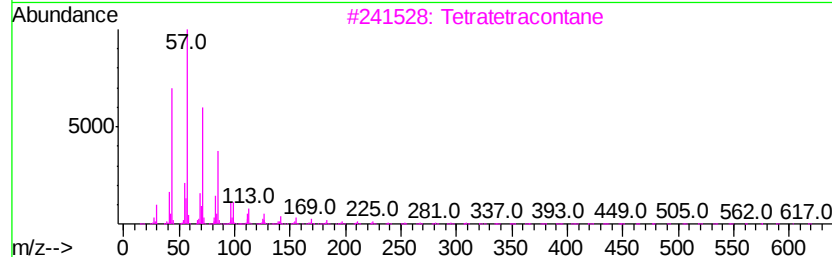
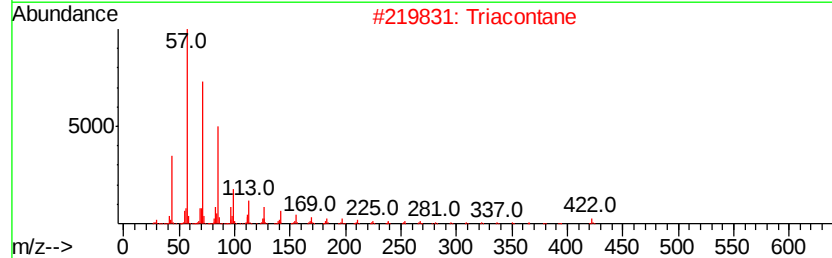
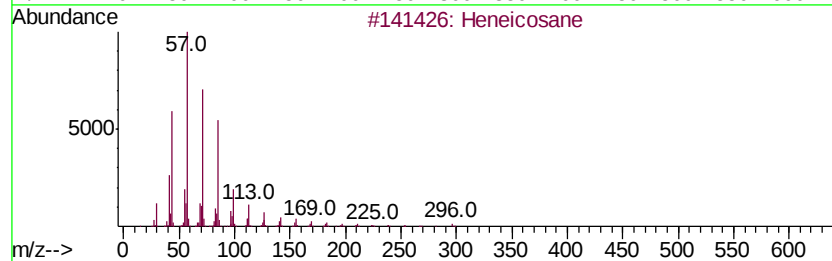
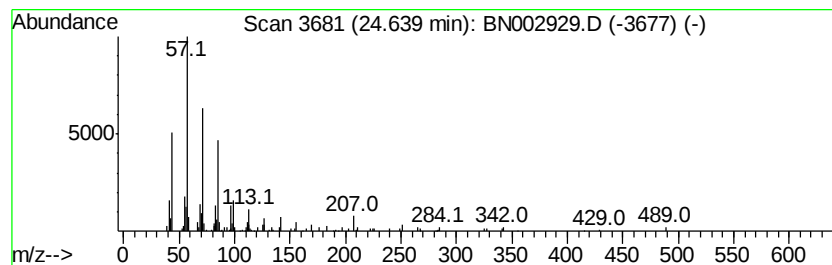
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	3.24 ng/ul	260339	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Triacontane	422	C30H62	000638-68-6	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



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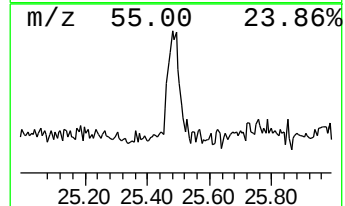
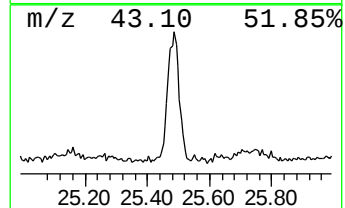
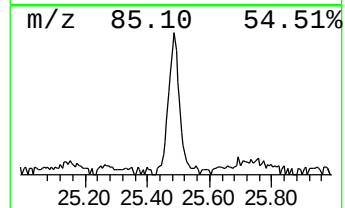
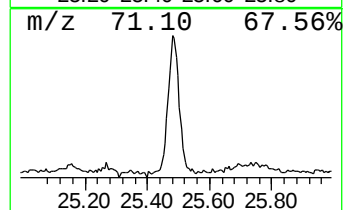
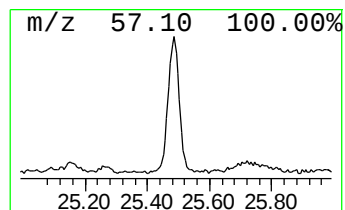
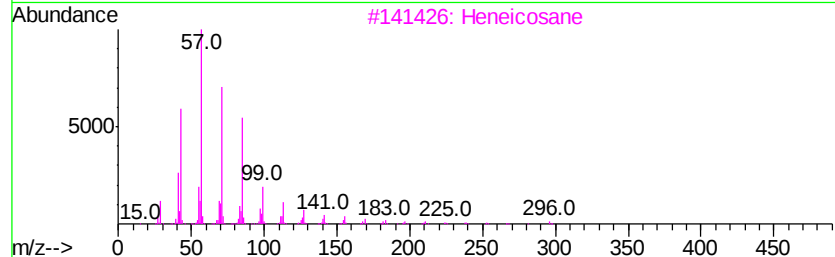
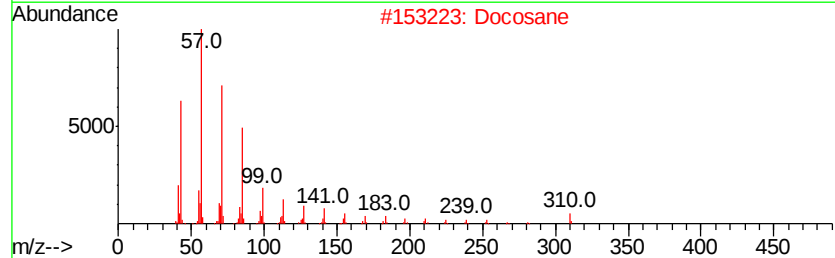
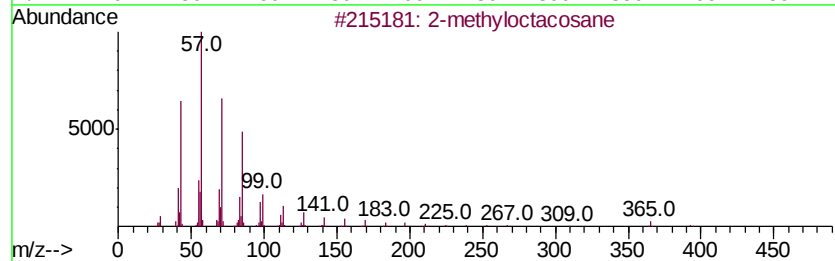
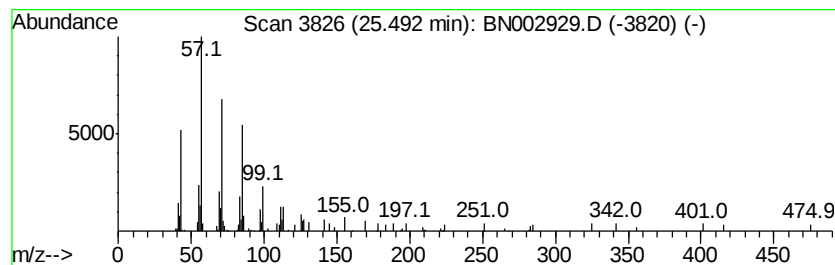
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	2.36 ng/ul	189577	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87	
2	Docosane	310	C22H46	000629-97-0	83	
3	Heneicosane	296	C21H44	000629-94-7	83	
4	Eicosane	282	C20H42	000112-95-8	83	
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	83	



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, p...	20.94	2.0	ng/ul	207238	5	21.22	2039500	20.0
(DEL) Alkane: Str...	22.75	3.3	ng/ul	264256	6	23.42	1608830	20.0
(DEL) Alkane: Str...	23.93	3.9	ng/ul	313232	6	23.42	1608830	20.0
(DEL) Alkane: Str...	24.64	3.2	ng/ul	260339	6	23.42	1608830	20.0
(DEL) Alkane: Str...	25.49	2.4	ng/ul	189577	6	23.42	1608830	20.0