

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012733.D
 Acq On : 05 Nov 2017 06:39
 Operator : SJ/JU
 Sample : I5825-10 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(2.5-4.5)-101117

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.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	3.716	103	107	114	rBV	21193	28346	1.91%	0.147%
2	3.816	119	124	133	rVV	152694	192583	12.99%	0.997%
3	4.034	156	161	171	rVB	165789	224991	15.18%	1.165%
4	4.581	244	254	261	rVB3	14693	28172	1.90%	0.146%
5	4.946	309	316	324	rVB4	10820	22561	1.52%	0.117%
6	5.034	326	331	337	rBV	33448	48296	3.26%	0.250%
7	6.993	654	664	677	rBV2	209889	403622	27.23%	2.089%
8	7.146	683	690	698	rBV	174422	266615	17.99%	1.380%
9	7.351	719	725	734	rVB	240567	368846	24.89%	1.909%
10	7.434	734	739	743	rBV2	17336	26178	1.77%	0.136%
11	7.816	794	804	811	rBV	466031	742200	50.08%	3.842%
12	8.528	919	925	933	rBV2	125714	209721	14.15%	1.086%
13	8.969	993	1000	1007	rBV	219429	363213	24.51%	1.880%
14	9.034	1007	1011	1016	rVB2	20552	30924	2.09%	0.160%
15	9.692	1117	1123	1130	rBV	190404	317824	21.45%	1.645%
16	10.234	1209	1215	1224	rVB	281560	469549	31.68%	2.431%
17	10.604	1268	1278	1284	rBV	618055	1051027	70.92%	5.440%
18	10.751	1295	1303	1310	rBV	51033	109360	7.38%	0.566%
19	11.922	1497	1502	1510	rVB	26858	44862	3.03%	0.232%
20	13.857	1826	1831	1836	rBV	550374	775773	52.35%	4.016%
21	13.904	1836	1839	1848	rVB	312847	431541	29.12%	2.234%
22	14.145	1874	1880	1890	rVB	616804	931054	62.82%	4.819%
23	14.351	1910	1915	1920	rBV3	15112	21612	1.46%	0.112%
24	14.451	1922	1932	1939	rBV2	901823	1388189	93.67%	7.186%
25	14.669	1960	1969	1979	rBV	126397	214068	14.44%	1.108%
26	14.810	1989	1993	1997	rBV2	26672	36295	2.45%	0.188%
27	15.304	2073	2077	2084	rVB3	14914	21458	1.45%	0.111%
28	15.445	2093	2101	2107	rBV	795321	1153857	77.86%	5.973%
29	15.574	2119	2123	2128	rVB	67345	87491	5.90%	0.453%
30	15.810	2156	2163	2168	rBV	148109	200961	13.56%	1.040%
31	16.169	2217	2224	2225	rBV4	27171	36702	2.48%	0.190%
32	16.851	2336	2340	2346	rBV7	13704	33686	2.27%	0.174%
33	17.010	2364	2367	2372	rVB7	18695	26608	1.80%	0.138%
34	17.198	2393	2399	2404	rBV2	1064631	1482018	100.00%	7.671%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
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35	17.239	2404	2406	2410	rVB	56752	57609	3.89%	0.298%
36	17.292	2410	2415	2421	rBV2	767273	1104828	74.55%	5.719%
37	17.692	2480	2483	2487	rBV4	18873	23839	1.61%	0.123%
38	18.033	2537	2541	2544	rBV5	24220	31489	2.12%	0.163%
39	18.092	2544	2551	2559	rVV2	262147	466195	31.46%	2.413%
40	18.157	2559	2562	2567	rVB	57920	78745	5.31%	0.408%
41	18.257	2576	2579	2583	rBV3	29900	41948	2.83%	0.217%
42	18.386	2597	2601	2605	rBV5	29851	54859	3.70%	0.284%
43	18.574	2630	2633	2635	rBV4	26866	34999	2.36%	0.181%
44	19.251	2745	2748	2755	rVB	183873	237566	16.03%	1.230%
45	19.368	2765	2768	2772	rBV2	156821	201246	13.58%	1.042%
46	19.586	2800	2805	2818	rBV2	862379	1460232	98.53%	7.559%
47	21.374	3105	3109	3113	rVB	1167828	1442224	97.31%	7.465%
48	23.521	3470	3474	3479	rVB2	564368	856887	57.82%	4.435%
49	23.662	3494	3498	3504	rVB	807792	1435999	96.89%	7.433%

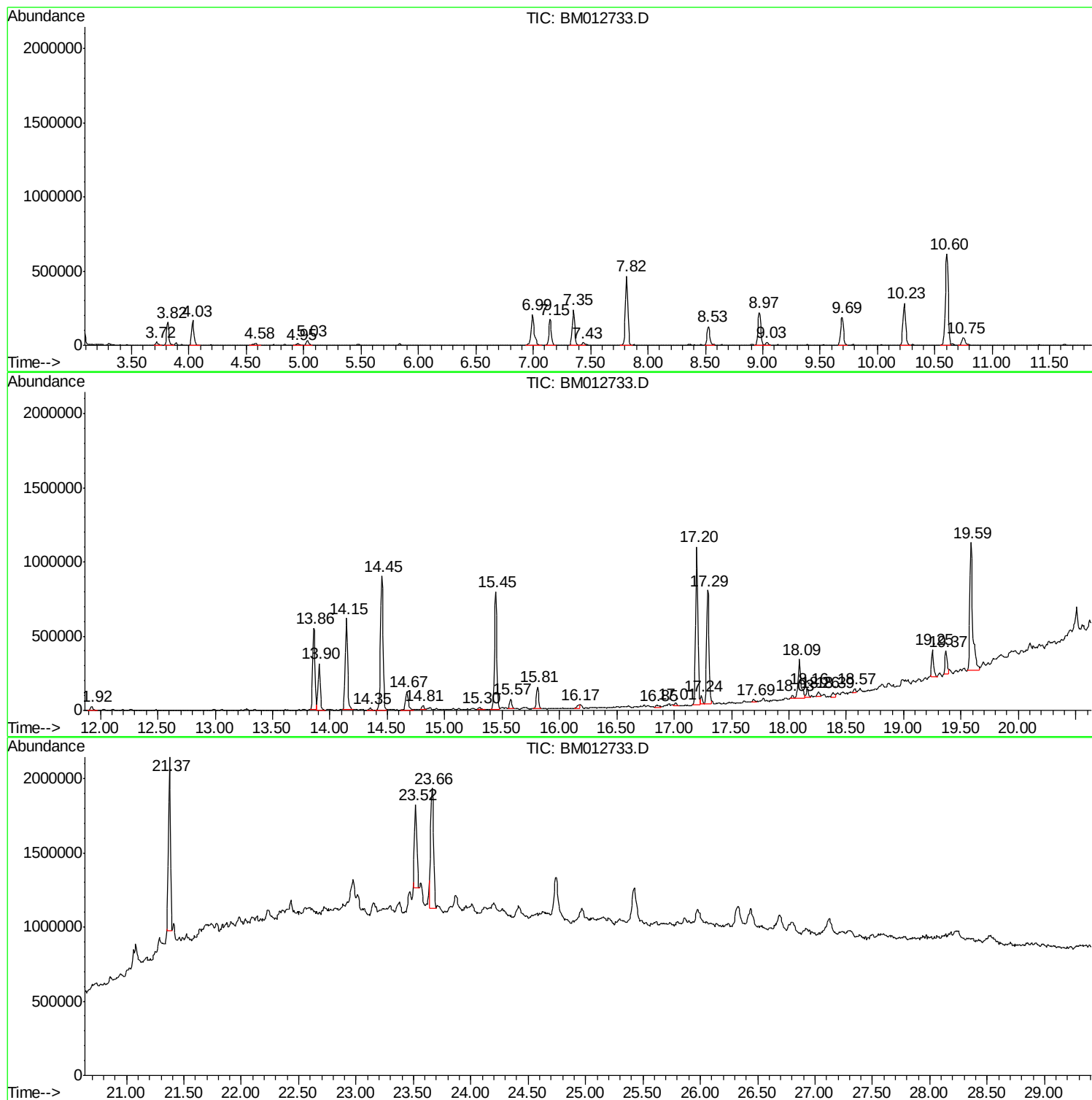
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Quant Title : SVOA CALIBRATION

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



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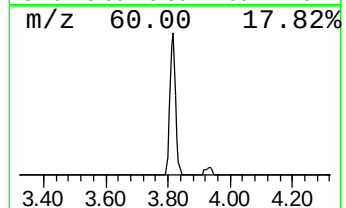
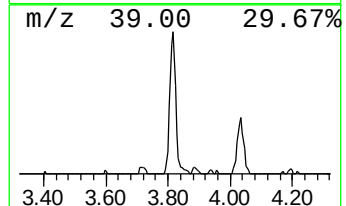
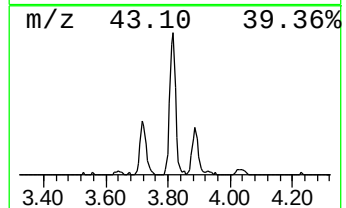
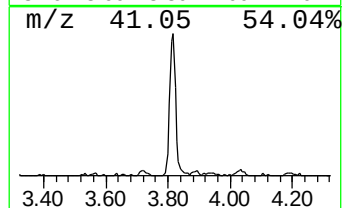
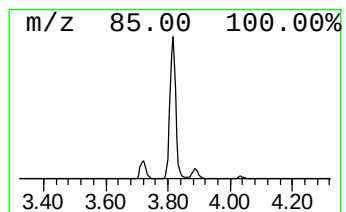
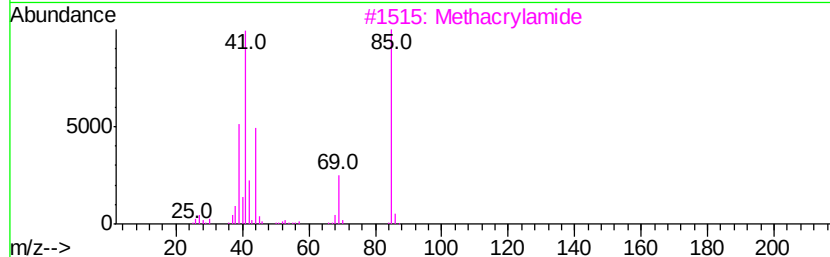
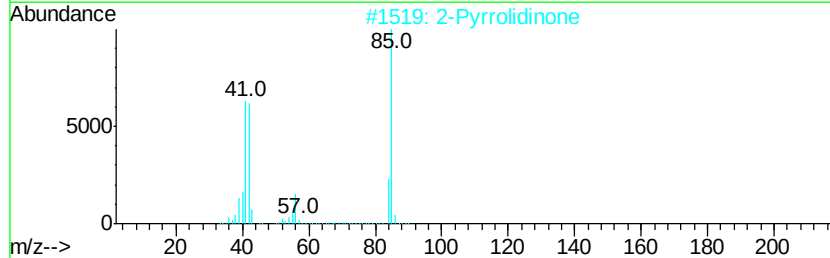
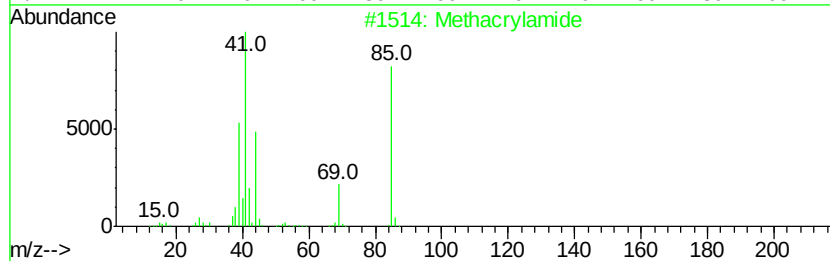
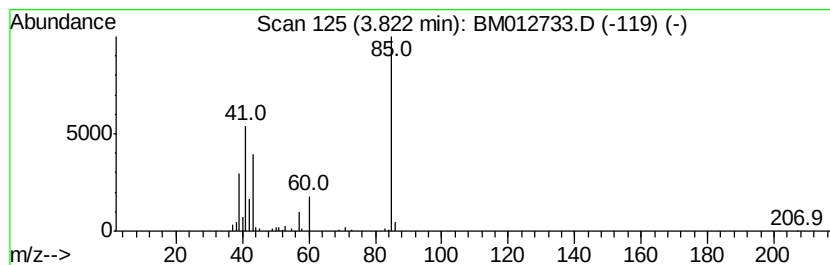
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Methacrylamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	5.19 ng/ul	192583	1,4-Dichlorobenzene-d4	7.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methacrylamide	85 C4H7NO	000079-39-0 50
2		2-Pyrrolidinone	85 C4H7NO	000616-45-5 42
3		Methacrylamide	85 C4H7NO	000079-39-0 40
4		Methacrylamide	85 C4H7NO	000079-39-0 33
5		2-Pyrrolidinone	85 C4H7NO	000616-45-5 9



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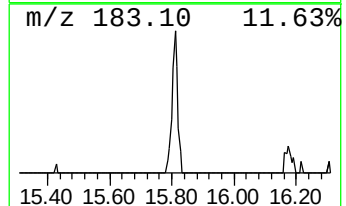
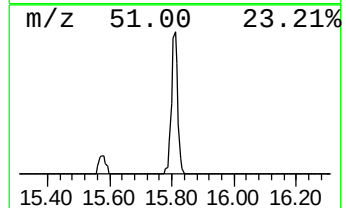
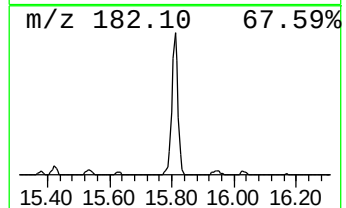
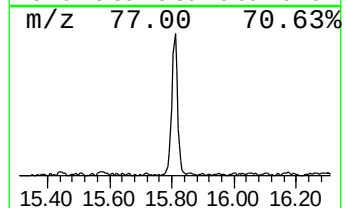
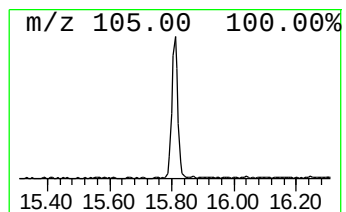
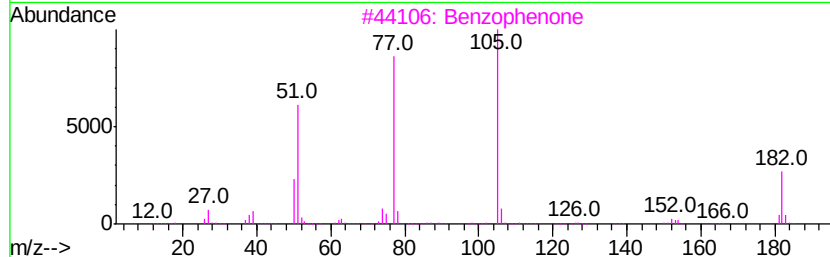
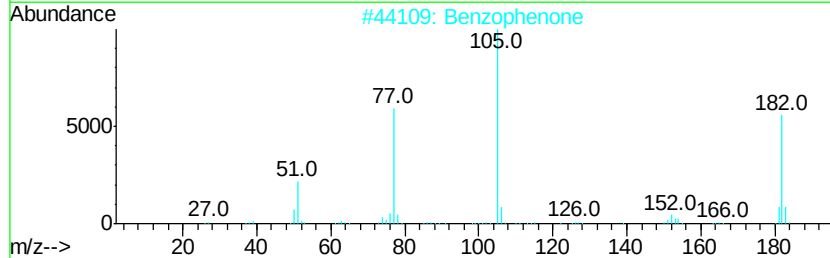
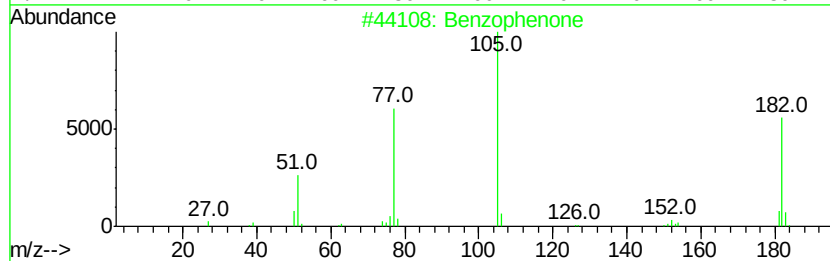
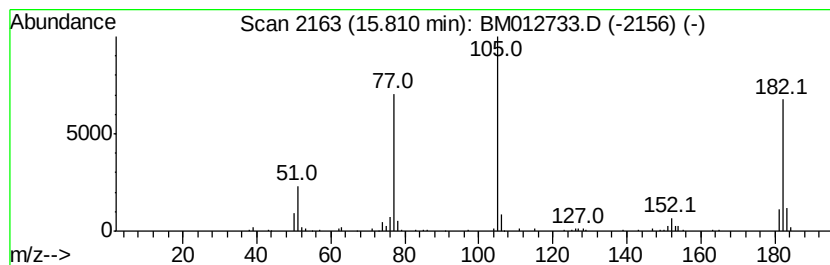
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Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.90 ng/ul	200961	Acenaphthene-d10	14.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzophenone	182 C13H10O	000119-61-9	97
2	Benzophenone	182 C13H10O	000119-61-9	96
3	Benzophenone	182 C13H10O	000119-61-9	95
4	Benzophenone	182 C13H10O	000119-61-9	94
5	Benzophenone	182 C13H10O	000119-61-9	91



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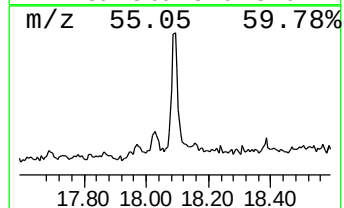
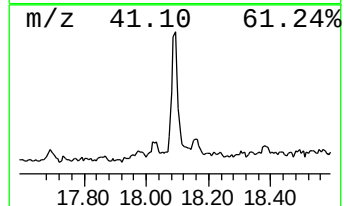
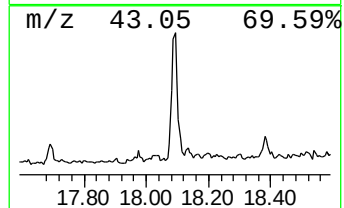
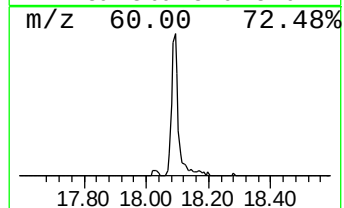
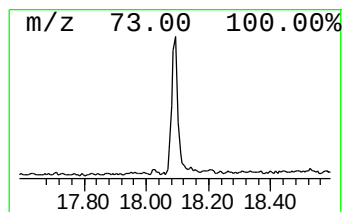
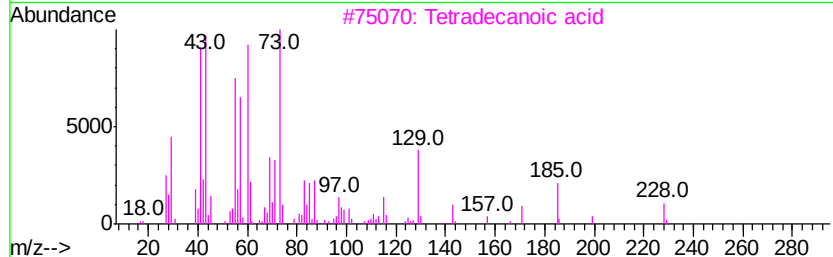
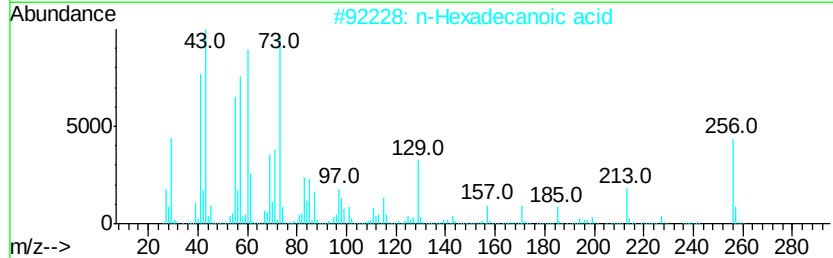
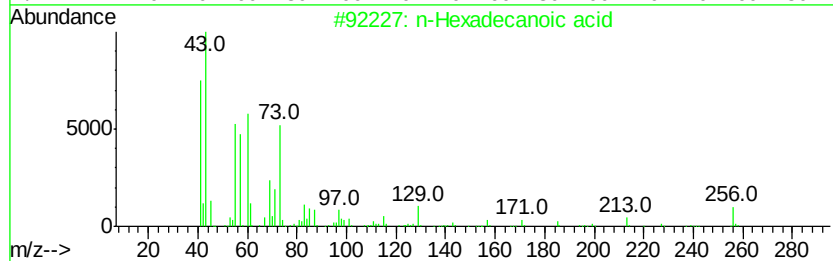
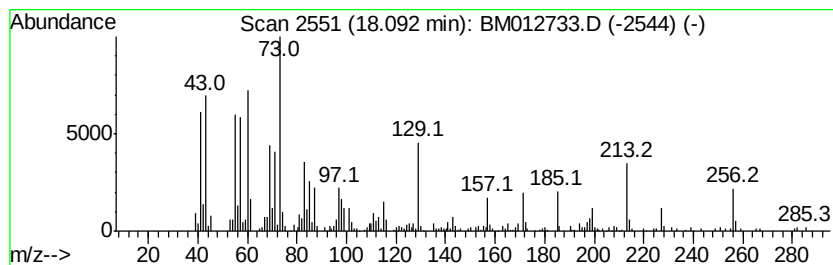
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.09	6.29 ng/ul	466195	Phenanthrene-d10		17.20		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4			Tridecanoic acid	214	C13H26O2	000638-53-9	83
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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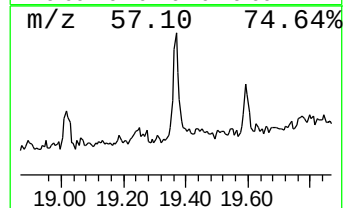
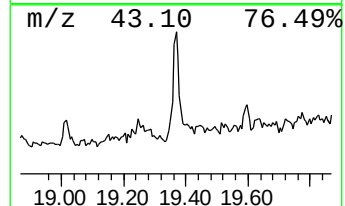
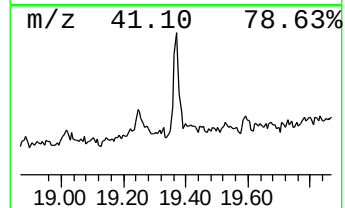
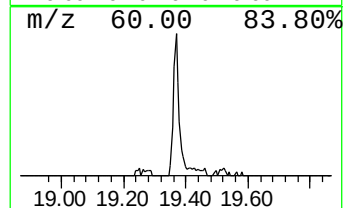
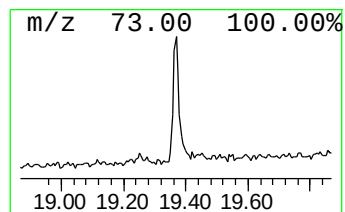
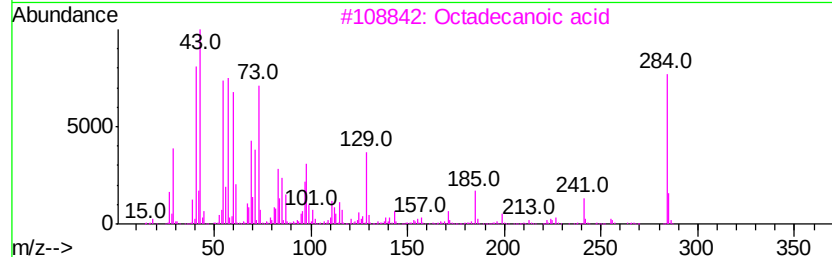
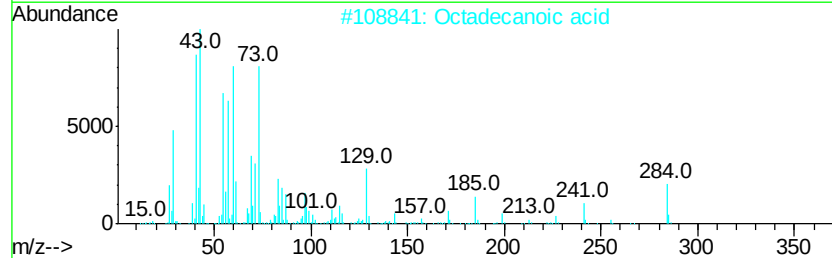
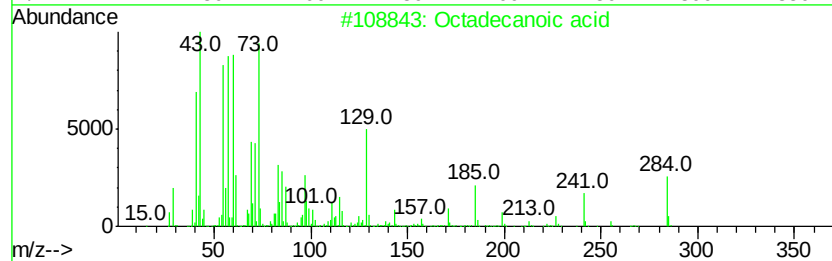
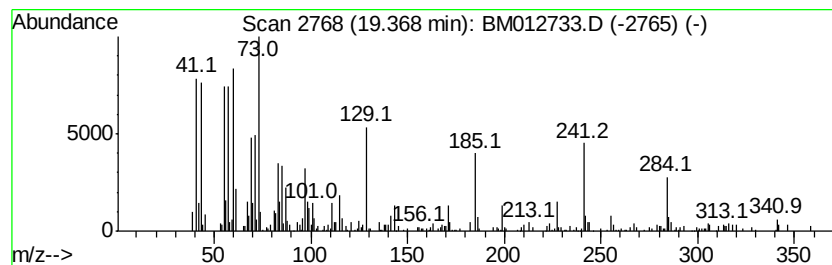
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.79 ng/ul	201246	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methacrylamide	3.82	5.2	ng/ul	192583	1	7.82	742200	20.0
Benzophenone	15.81	2.9	ng/ul	200961	3	14.45	1388190	20.0
n-Hexadecanoic acid	18.09	6.3	ng/ul	466195	4	17.20	1482020	20.0
Octadecanoic acid	19.37	2.8	ng/ul	201246	5	21.37	1442220	20.0