

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009726.D
 Acq On : 26 Apr 2017 18:48
 Operator : SJ/MA
 Sample : I2836-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EME-TS003-01

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-BM042517.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	3.305	34	37	48	rVB2	31437	52814	1.31%	0.111%
2	6.987	654	663	676	rVB	653866	1089373	27.07%	2.285%
3	7.157	686	692	702	rBV	493238	785087	19.51%	1.647%
4	7.351	717	725	734	rBV	613205	1009648	25.09%	2.118%
5	7.822	799	805	812	rBV	722220	1152262	28.63%	2.417%
6	8.522	918	924	936	rBV2	775283	1285017	31.93%	2.696%
7	8.992	997	1004	1012	rBV	649552	1094273	27.19%	2.296%
8	9.710	1117	1126	1140	rVB	544183	924383	22.97%	1.939%
9	10.239	1209	1216	1224	rBV	784851	1295366	32.18%	2.717%
10	10.622	1274	1281	1291	rVB	1019610	1688994	41.96%	3.543%
11	10.763	1297	1305	1318	rBV	694696	1244335	30.92%	2.610%
12	13.880	1828	1835	1839	rBV	1466543	2054081	51.03%	4.309%
13	13.927	1839	1843	1848	rVB	305718	421773	10.48%	0.885%
14	14.163	1876	1883	1890	rBV	1635641	2332192	57.94%	4.892%
15	14.345	1909	1914	1923	rVB	39462	51110	1.27%	0.107%
16	14.474	1929	1936	1946	rVB2	1488017	2364233	58.74%	4.960%
17	14.674	1963	1970	1984	rBV	719586	1162824	28.89%	2.439%
18	15.298	2072	2076	2080	rVB2	85516	105983	2.63%	0.222%
19	15.469	2098	2105	2112	rBV	2095446	3045461	75.67%	6.389%
20	15.592	2121	2126	2137	rBV	768650	1092213	27.14%	2.291%
21	15.704	2137	2145	2149	rVV4	45772	83942	2.09%	0.176%
22	15.816	2156	2164	2168	rBV7	18257	43099	1.07%	0.090%
23	16.157	2218	2222	2230	rBV2	110391	198607	4.93%	0.417%
24	16.951	2353	2357	2362	rBV2	62639	78480	1.95%	0.165%
25	17.010	2362	2367	2372	rVB5	31589	51106	1.27%	0.107%
26	17.221	2397	2403	2409	rBV	2123907	2884471	71.67%	6.051%
27	17.321	2411	2420	2427	rBV	2452562	3438653	85.44%	7.214%
28	17.510	2446	2452	2457	rVB5	30119	44332	1.10%	0.093%
29	17.586	2457	2465	2468	rBV5	31058	51952	1.29%	0.109%
30	18.092	2545	2551	2562	rBV2	239189	379579	9.43%	0.796%
31	19.251	2741	2748	2752	rBV3	61855	128179	3.18%	0.269%
32	19.327	2757	2761	2765	rBV7	24884	43874	1.09%	0.092%
33	19.374	2765	2769	2774	rBV5	105150	164620	4.09%	0.345%
34	19.615	2804	2810	2820	rVB2	3021521	4024855	100.00%	8.443%

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35	19.721	2826	2828	2833	rVB4	36784	43573	1.08%	0.091%
36	20.127	2889	2897	2900	rBV8	70530	198584	4.93%	0.417%
37	20.274	2919	2922	2925	rVB2	45972	55428	1.38%	0.116%
38	21.086	3056	3060	3070	rBV	562942	707450	17.58%	1.484%
39	21.398	3108	3113	3123	rVB	2859757	3727363	92.61%	7.819%
40	21.962	3207	3209	3211	rBV2	86111	90920	2.26%	0.191%
41	22.445	3287	3291	3296	rVB5	173822	277770	6.90%	0.583%
42	22.956	3374	3378	3385	rVB4	221063	340054	8.45%	0.713%
43	23.562	3474	3481	3491	rVB2	1587356	3247009	80.67%	6.812%
44	23.715	3500	3507	3516	rVB2	1366341	2718225	67.54%	5.702%
45	24.209	3587	3591	3598	rVB	228223	395694	9.83%	0.830%

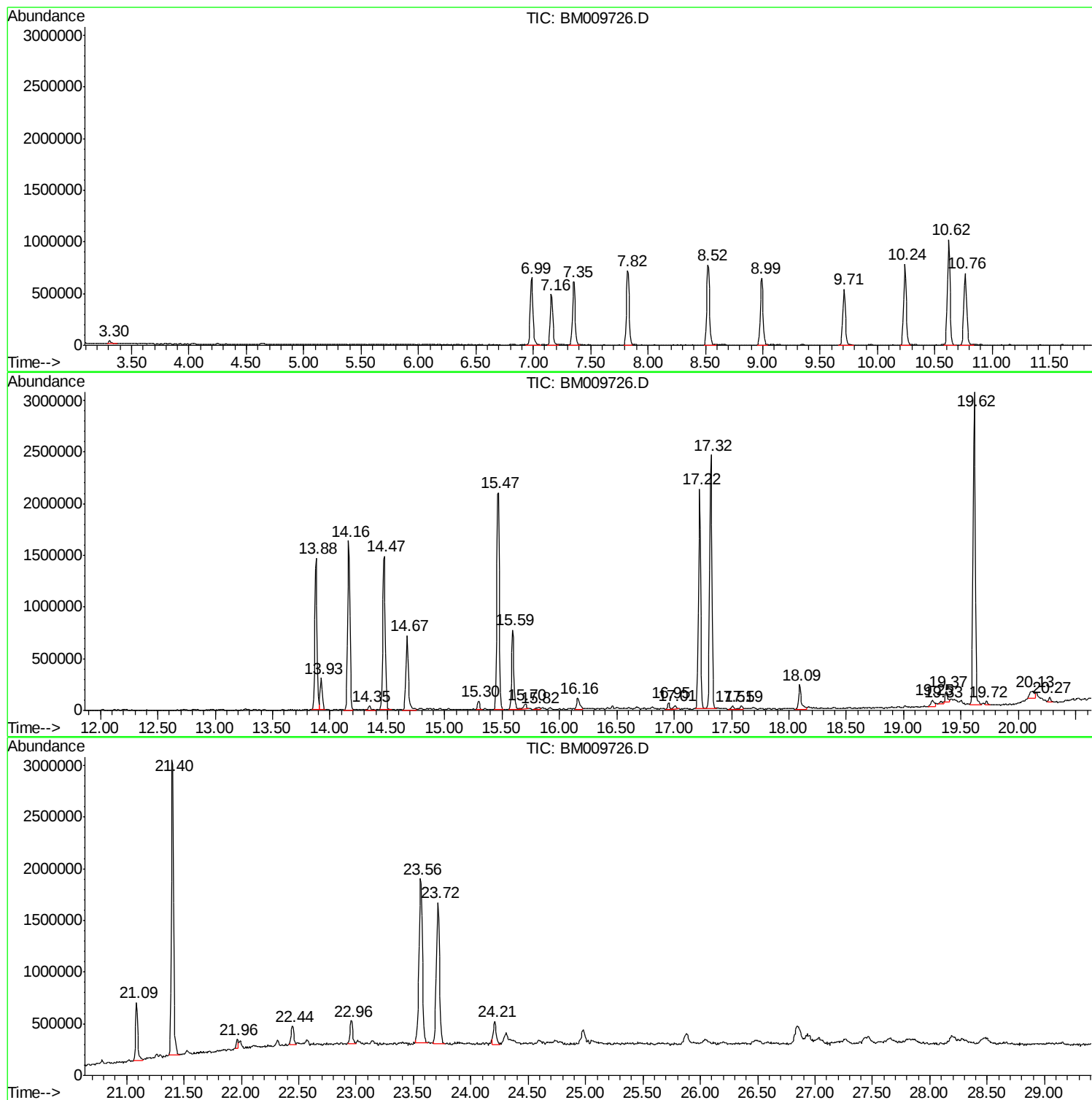
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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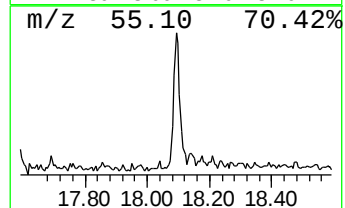
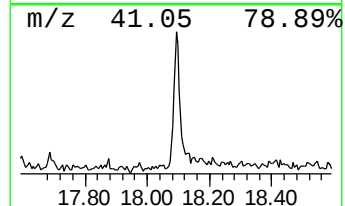
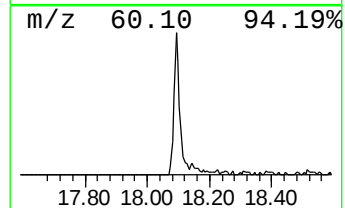
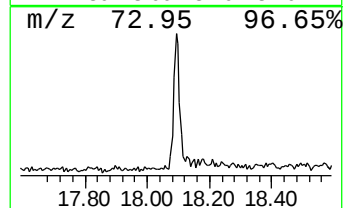
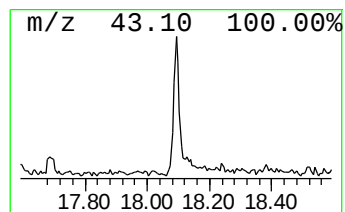
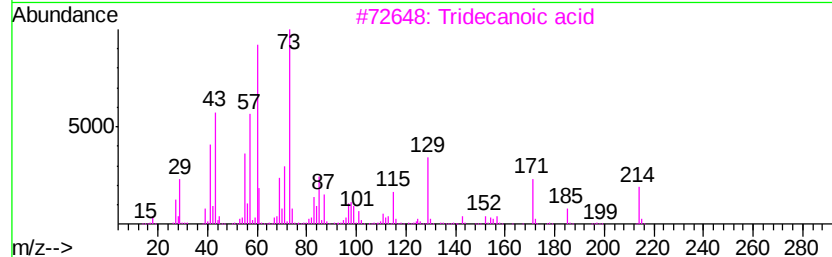
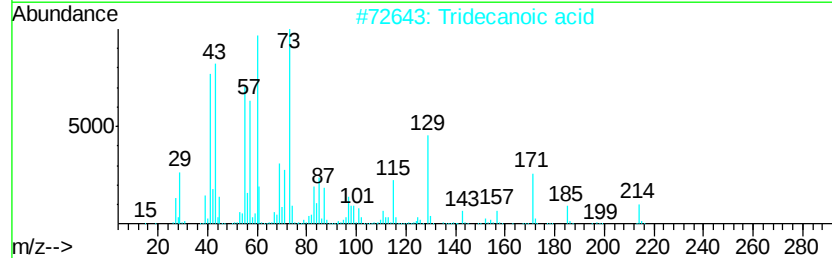
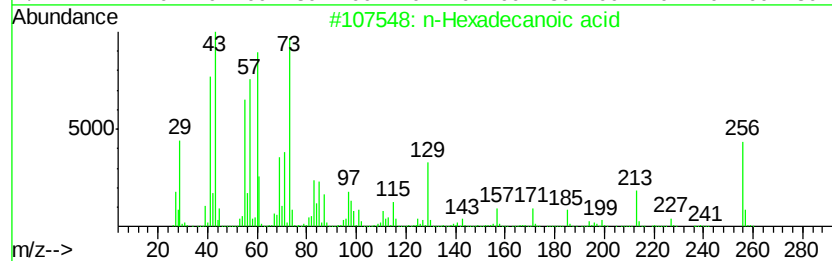
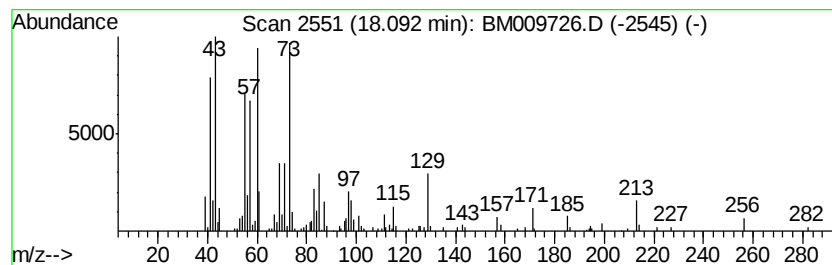
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	2.63 ng/ul	379579	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81	



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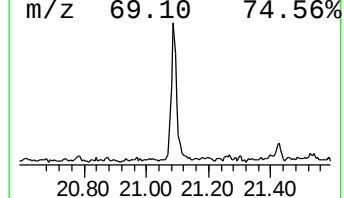
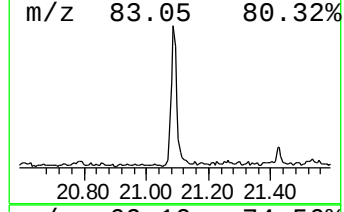
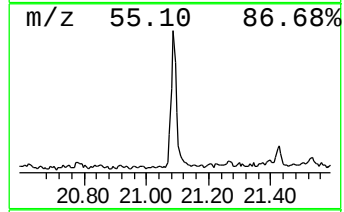
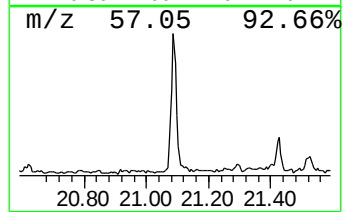
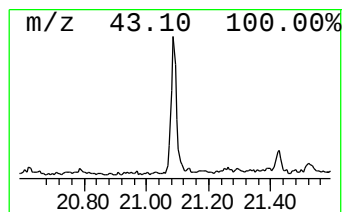
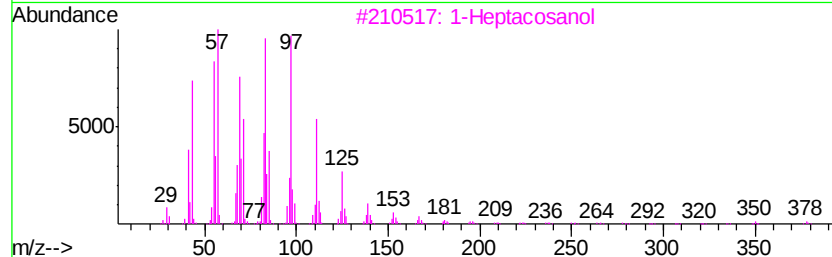
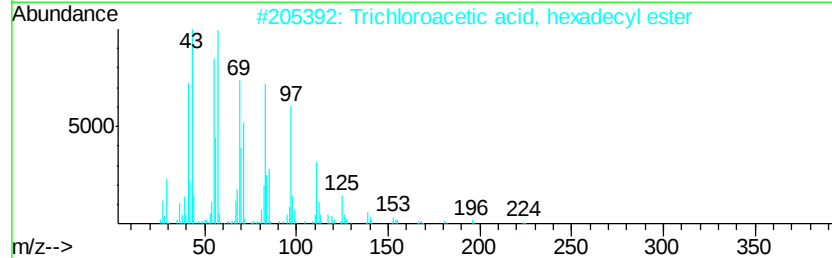
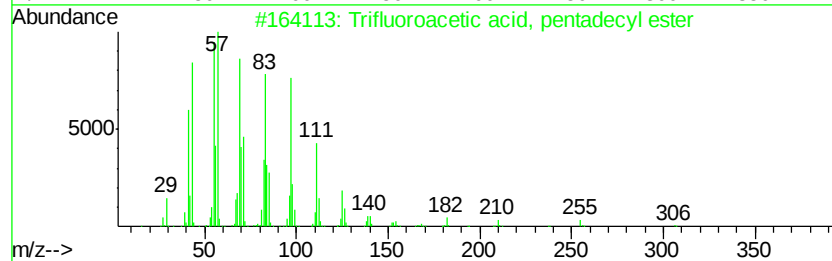
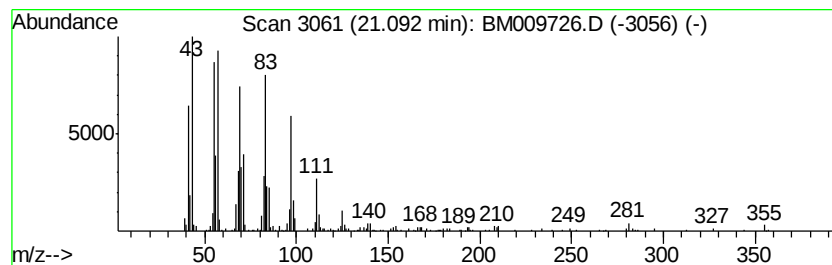
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Peak Number 2 Trifluoroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.09	3.80 ng/ul	707450	Chrysene-d12	21.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	90



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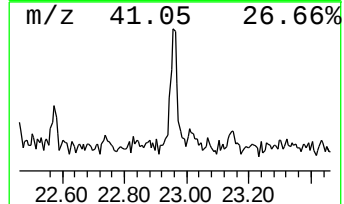
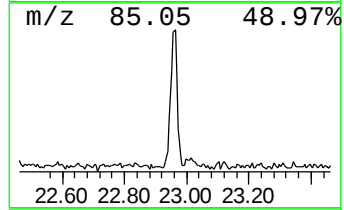
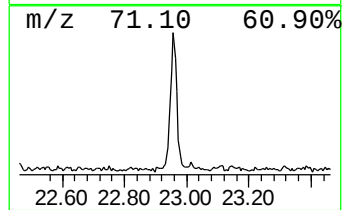
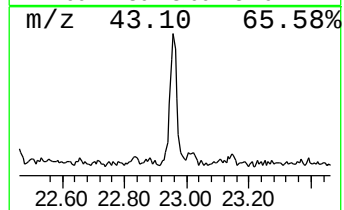
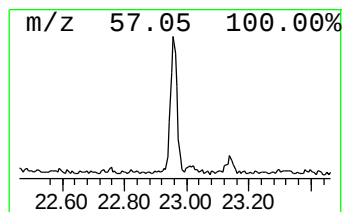
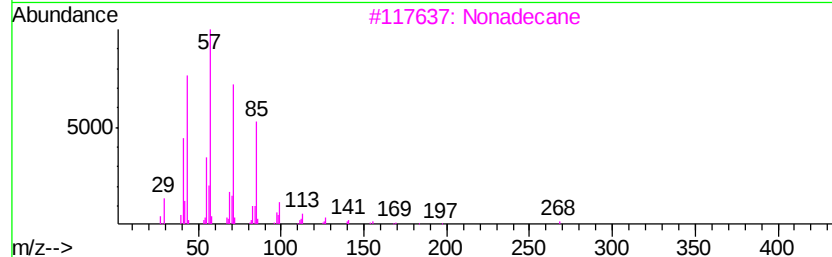
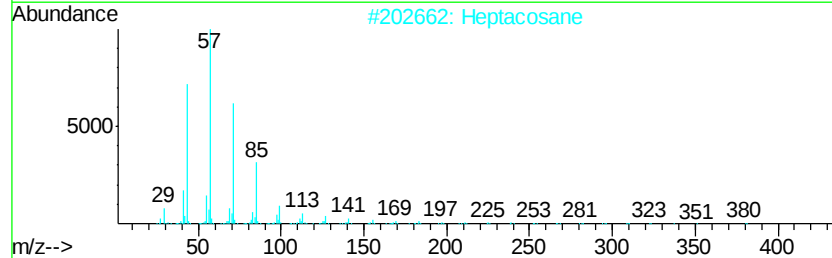
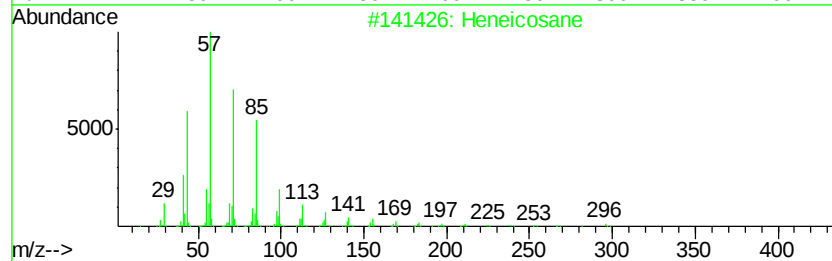
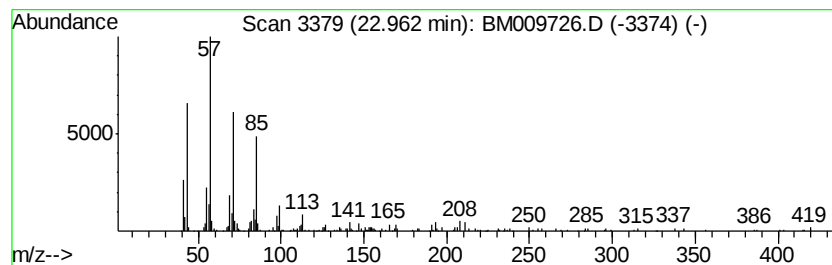
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.50 ng/ul	340054	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	81
3		Nonadecane	268	C19H40	000629-92-5	76
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



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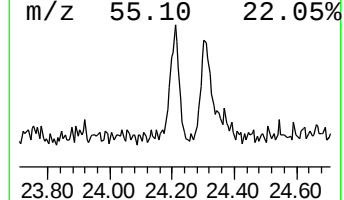
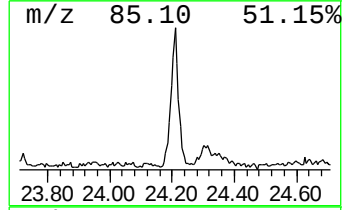
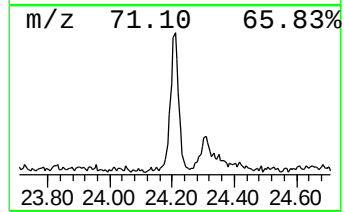
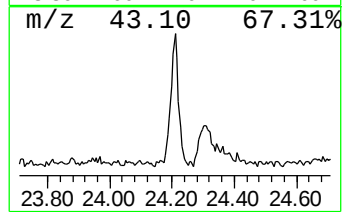
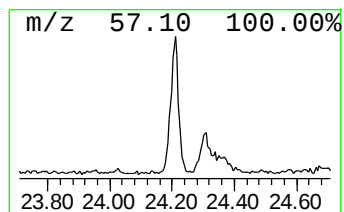
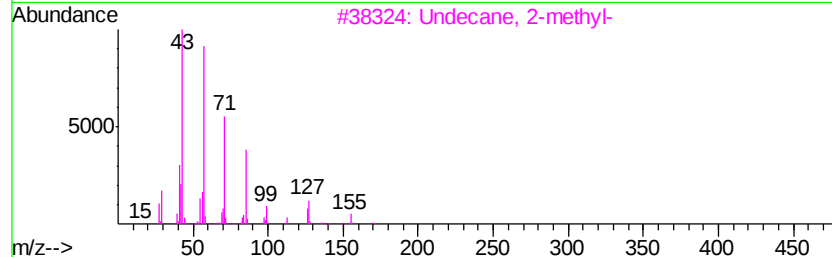
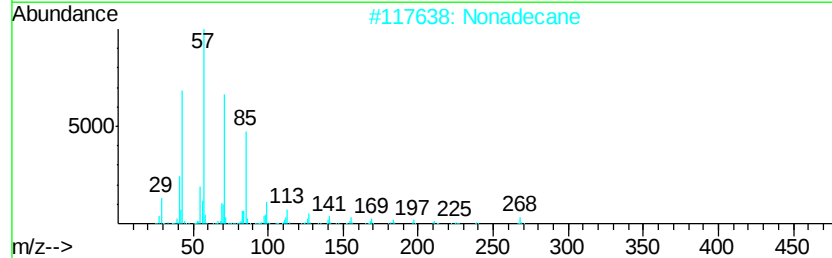
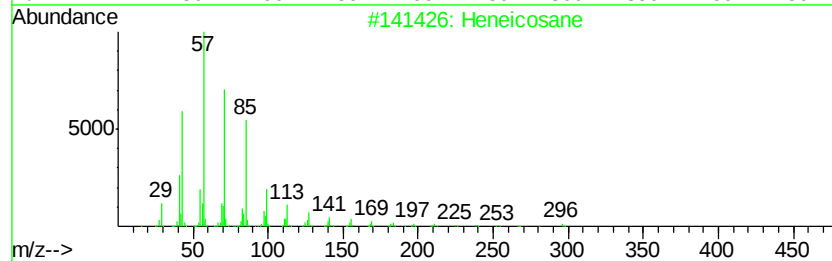
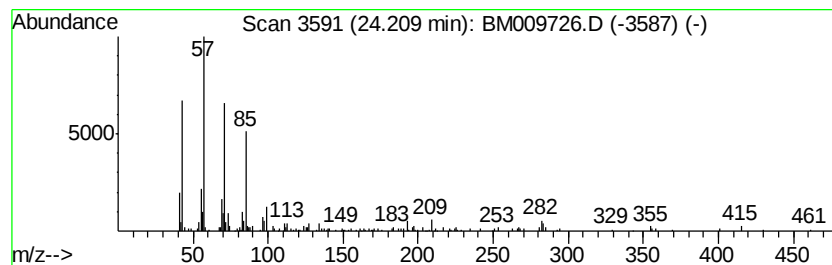
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.91 ng/ul	395694	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	72
2		Nonadecane	268	C19H40	000629-92-5	72
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	2.6	ng/ul	379579	4	17.22	2884470	20.0
Trifluoroacetic a...	21.09	3.8	ng/ul	707450	5	21.40	3727360	20.0
(DEL) Alkane: Str...	22.96	2.5	ng/ul	340054	6	23.72	2718230	20.0
(DEL) Alkane: Str...	24.21	2.9	ng/ul	395694	6	23.72	2718230	20.0