

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112018\
 Data File : BM017707.D
 Acq On : 20 Nov 2018 17:11
 Operator : MJ/SJ
 Sample : J6001-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40W4

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-BM111918MA.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	3.193	31	35	39	rVB	13304	15932	0.21%	0.025%
2	3.887	147	153	161	rVB5	5700	10352	0.14%	0.016%
3	4.093	184	188	193	rBV5	5073	8642	0.12%	0.014%
4	6.787	640	646	659	rBV	201285	394958	5.33%	0.622%
5	6.946	667	673	686	rBV	762890	1190662	16.06%	1.874%
6	7.134	697	705	716	rBV	828812	1387812	18.72%	2.184%
7	7.599	777	784	796	rBV	719089	1181020	15.93%	1.859%
8	8.304	899	904	919	rBV	613546	1102616	14.87%	1.735%
9	8.751	972	980	997	rBV	1005622	1648675	22.24%	2.594%
10	9.463	1095	1101	1117	rBV	829991	1441706	19.44%	2.269%
11	9.998	1185	1192	1221	rBV	876550	2093533	28.24%	3.295%
12	10.369	1247	1255	1266	rBV	1063847	1776590	23.96%	2.796%
13	10.563	1283	1288	1299	rBV5	11240	33226	0.45%	0.052%
14	11.940	1518	1522	1527	rBV3	7155	13166	0.18%	0.021%
15	11.998	1527	1532	1541	rVB4	12138	23405	0.32%	0.037%
16	13.663	1809	1815	1830	rBV	2341891	3524195	47.53%	5.546%
17	13.933	1854	1861	1877	rBV	2731850	4075046	54.96%	6.413%
18	14.245	1907	1914	1923	rBV2	1622131	2532853	34.16%	3.986%
19	14.486	1950	1955	1971	rBV3	100038	285147	3.85%	0.449%
20	15.086	2053	2057	2060	rBV	11417	10234	0.14%	0.016%
21	15.245	2077	2084	2100	rBV	3625553	5293919	71.40%	8.331%
22	15.380	2100	2107	2121	rVV	1190818	1782471	24.04%	2.805%
23	15.486	2121	2125	2133	rVB	44593	71717	0.97%	0.113%
24	15.898	2191	2195	2199	rVB3	7356	10015	0.14%	0.016%
25	16.027	2214	2217	2224	rVB4	4373	7531	0.10%	0.012%
26	16.533	2297	2303	2307	rBV5	5803	11635	0.16%	0.018%
27	16.792	2342	2347	2351	rBV4	7897	11453	0.15%	0.018%
28	16.998	2375	2382	2391	rBV	2262376	3133275	42.26%	4.931%
29	17.098	2392	2399	2419	rVB	3952629	5704283	76.93%	8.977%
30	17.904	2531	2536	2546	rBV	190918	325636	4.39%	0.512%
31	17.974	2546	2548	2555	rVV5	13104	25527	0.34%	0.040%
32	18.786	2683	2686	2688	rBV4	8303	8328	0.11%	0.013%
33	19.039	2725	2729	2733	rBV	48967	77112	1.04%	0.121%
34	19.198	2751	2756	2762	rBV	177066	267467	3.61%	0.421%

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35	19.292	2767	2772	2777	rVB2	42736	62804	0.85%	0.099%
36	19.404	2784	2791	2800	rBV	4845270	6655233	89.76%	10.473%
37	20.457	2968	2970	2974	rBV5	15116	17192	0.23%	0.027%
38	20.927	3046	3050	3061	rBV3	100170	189926	2.56%	0.299%
39	21.198	3091	3096	3107	rBV	2789079	3926177	52.95%	6.179%
40	21.362	3120	3124	3130	rBV	133191	150490	2.03%	0.237%
41	21.786	3193	3196	3201	rBV	235647	270194	3.64%	0.425%
42	22.239	3269	3273	3278	rBV	428610	525627	7.09%	0.827%
43	22.733	3352	3357	3361	rBV	464186	643500	8.68%	1.013%
44	23.251	3438	3445	3459	rBV	3799823	7414555	100.00%	11.668%
45	23.386	3461	3468	3481	rBV2	1930523	3672261	49.53%	5.779%
46	23.898	3551	3555	3562	rVB	302560	537215	7.25%	0.845%

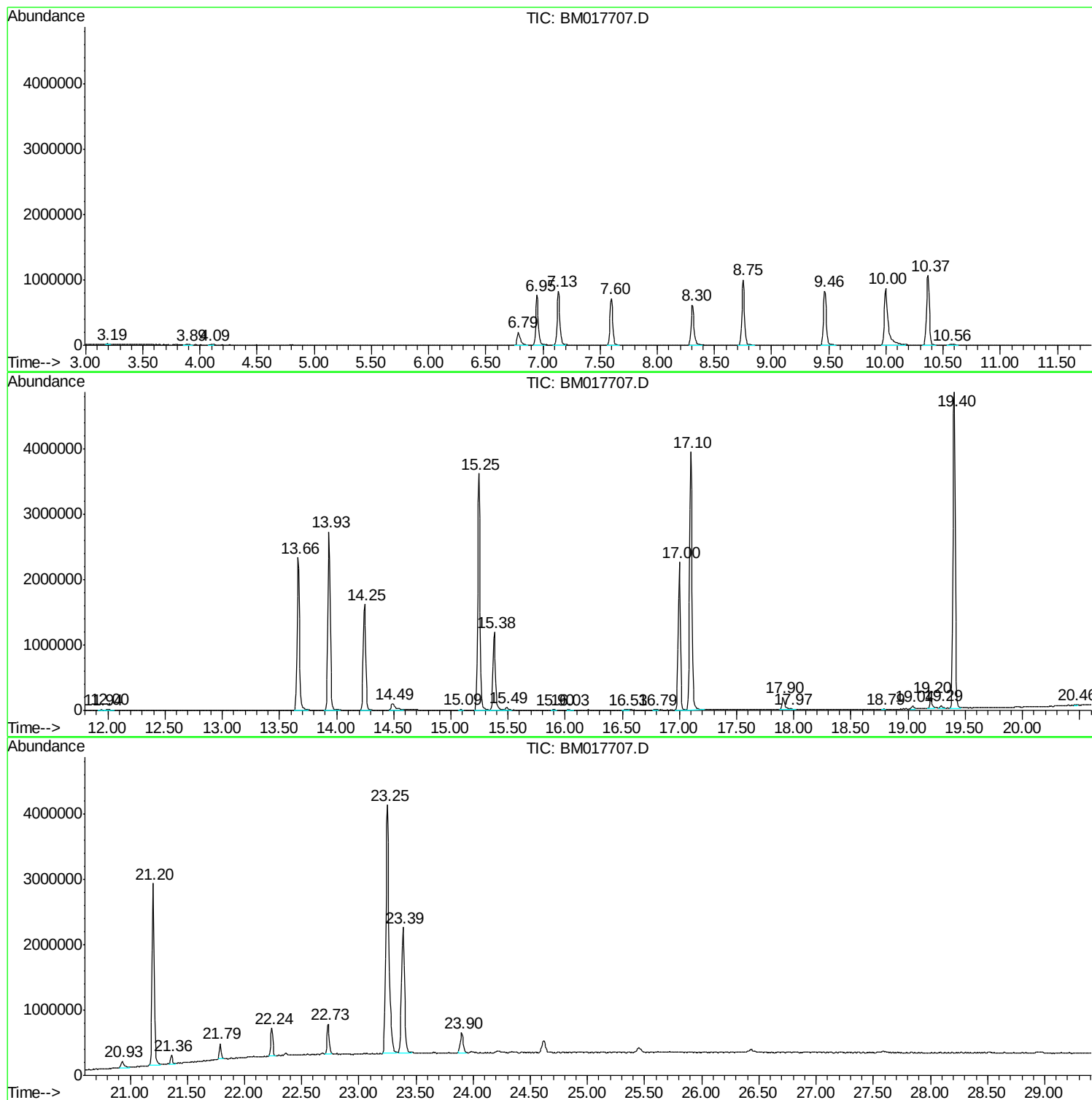
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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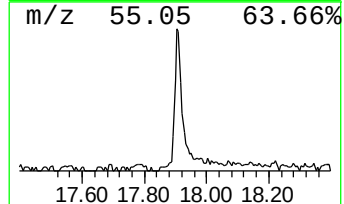
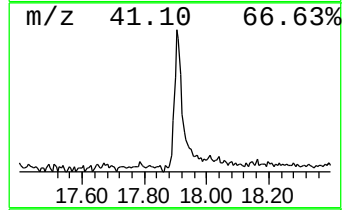
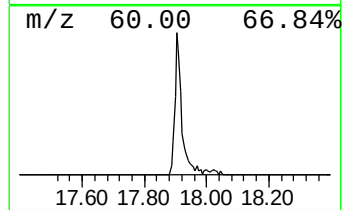
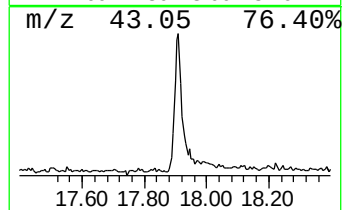
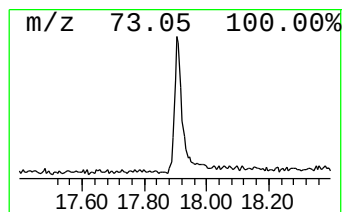
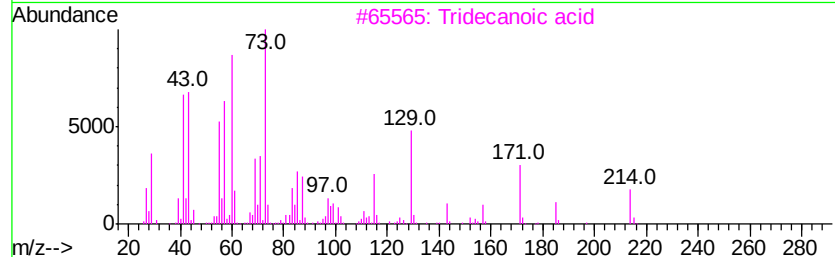
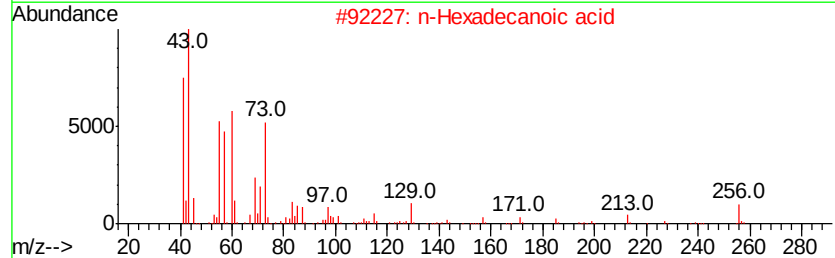
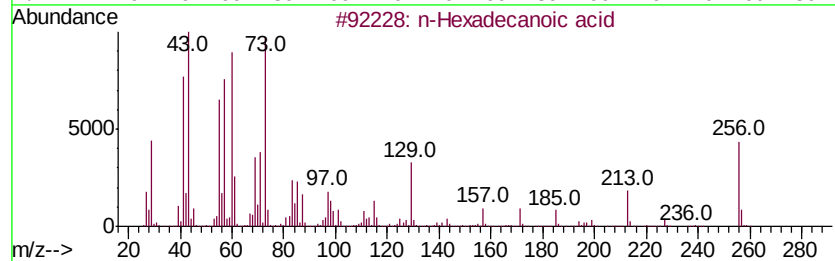
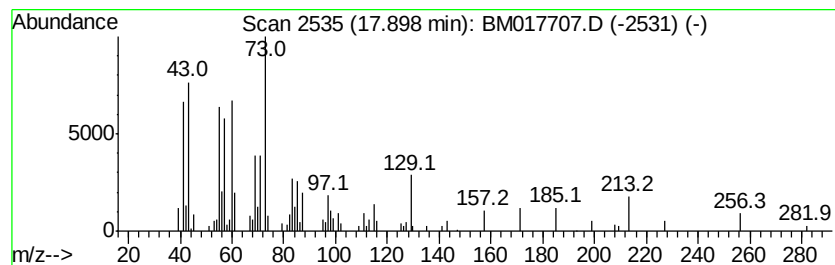
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	2.08 ng/ul	325636	Phenanthrene-d10		17.00	
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	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



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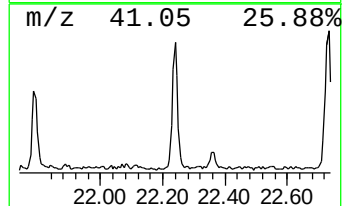
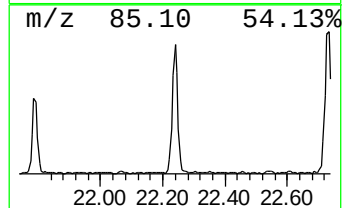
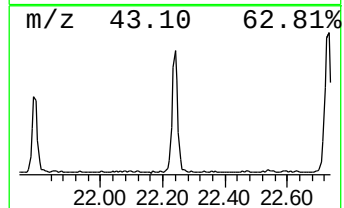
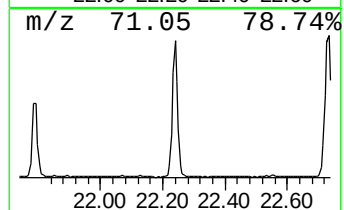
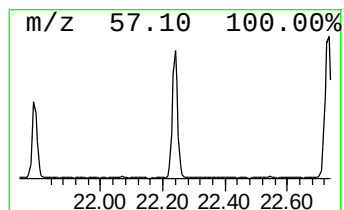
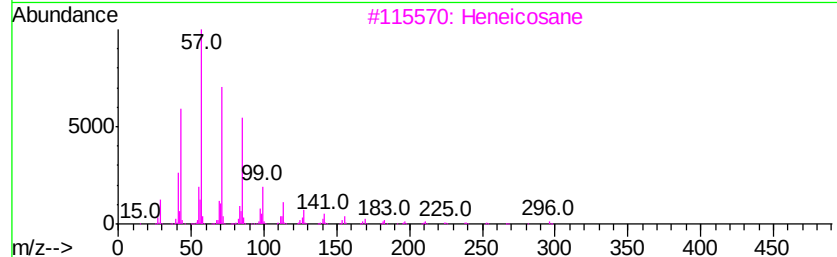
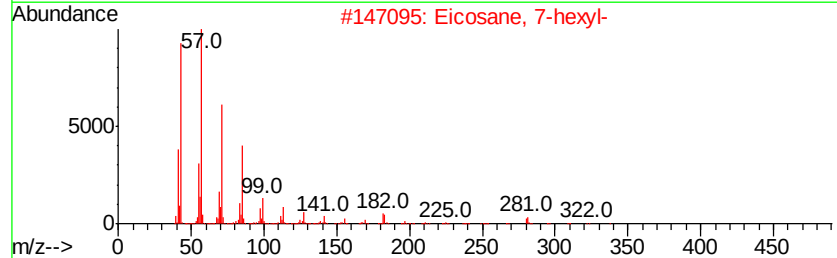
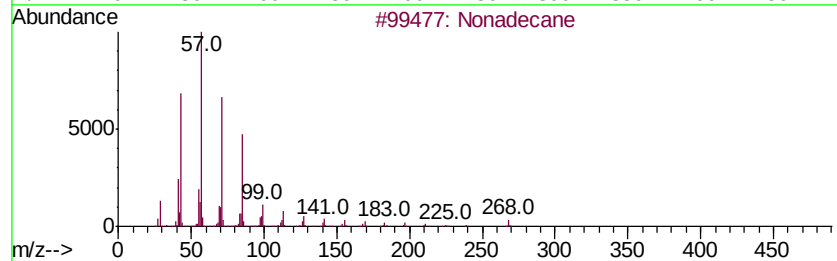
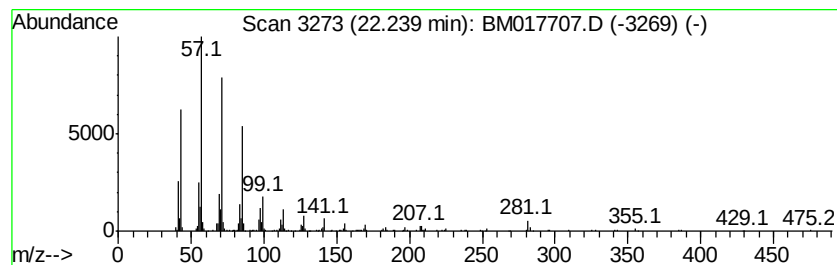
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.68 ng/ul	525627	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Eicosane	282	C20H42	000112-95-8	90



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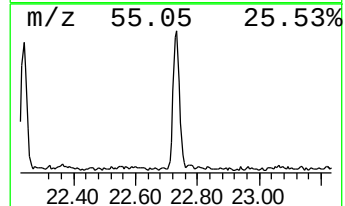
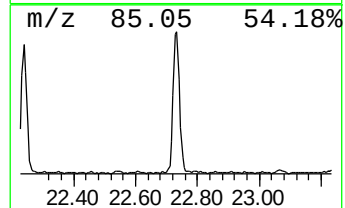
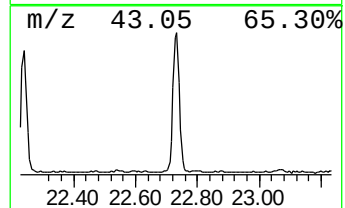
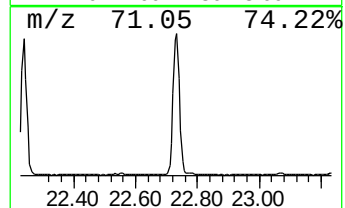
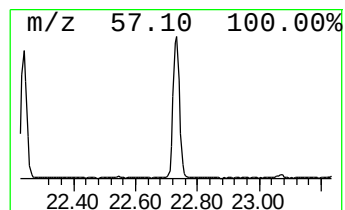
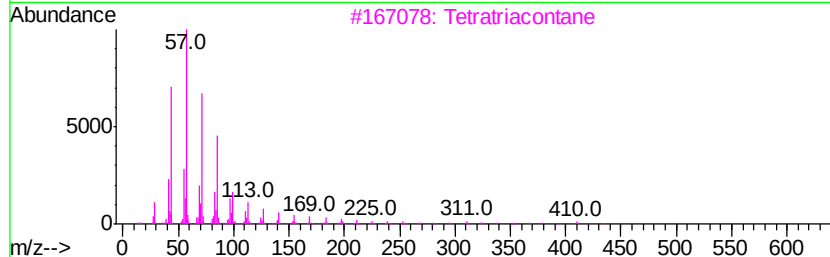
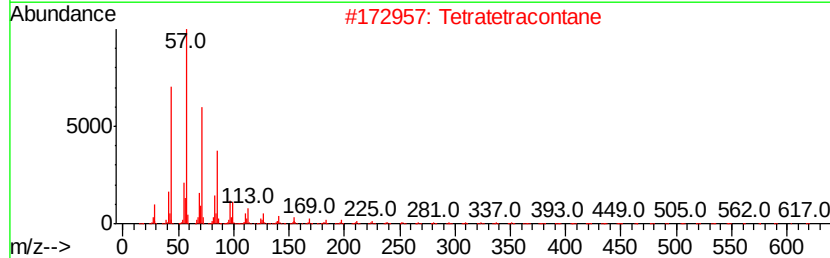
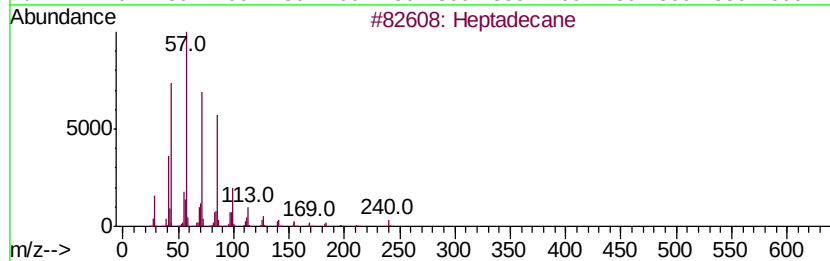
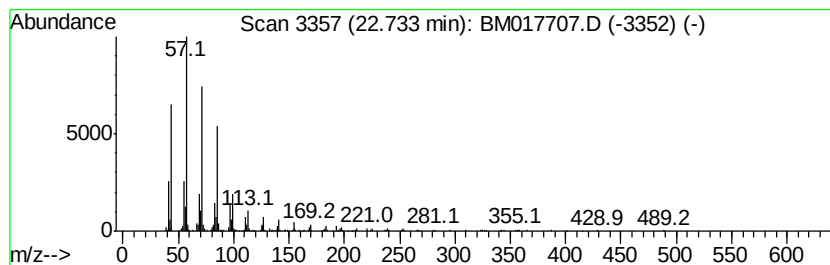
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.73	3.50 ng/ul	643500	Perylene-d12	23.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91



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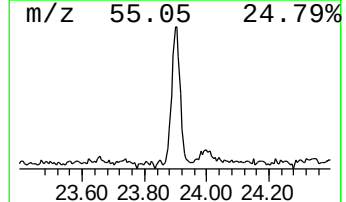
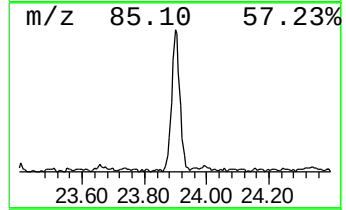
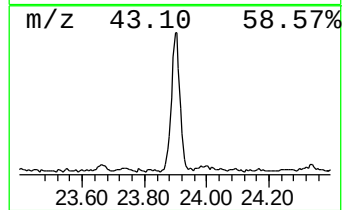
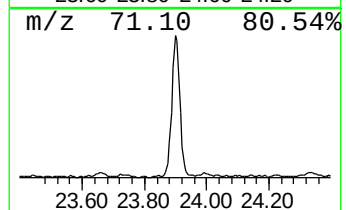
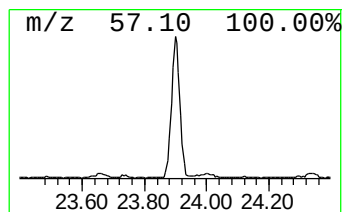
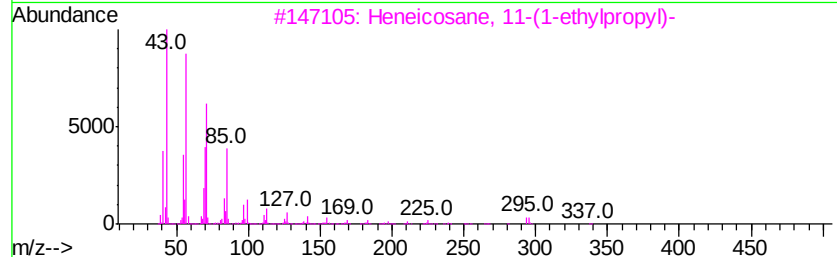
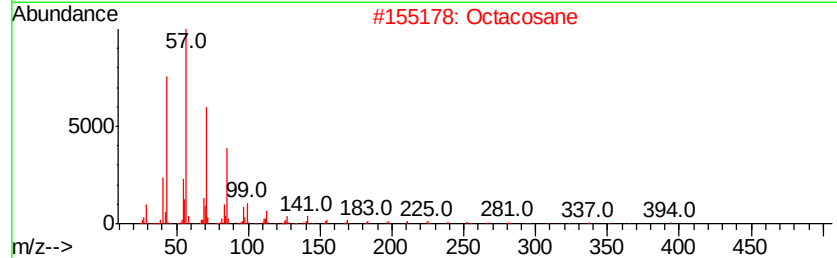
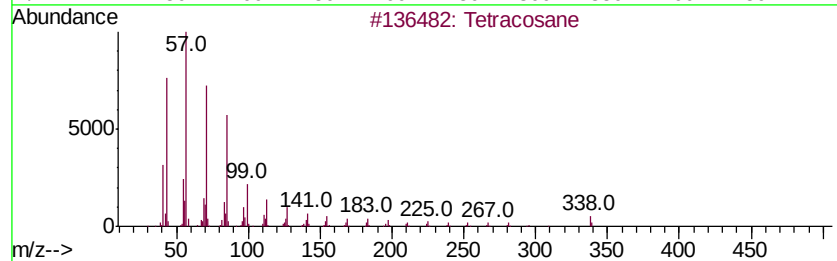
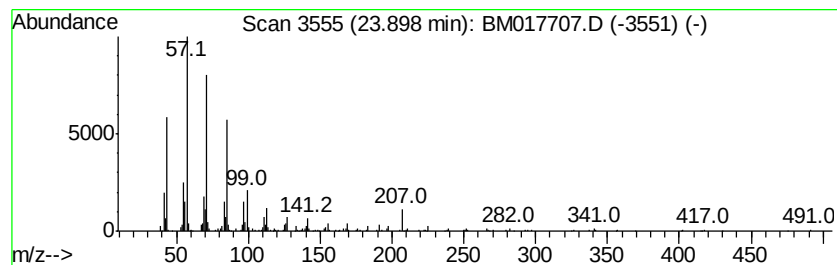
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	2.93 ng/ul	537215	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	86
5		Nonacosane	408	C29H60	000630-03-5	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	2.1	ng/ul	325636	4	17.00	3133280	20.0
(DEL) Alkane: Str...	22.24	2.7	ng/ul	525627	5	21.20	3926180	20.0
(DEL) Alkane: Str...	22.73	3.5	ng/ul	643500	6	23.39	3672260	20.0
(DEL) Alkane: Str...	23.90	2.9	ng/ul	537215	6	23.39	3672260	20.0