

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004662.D
 Acq On : 17 Mar 2016 12:30
 Operator : UM/SJ
 Sample : H1779-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCA21

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\SOM02.2-EPA-BM031516.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	3.081	63	67	71	rVB	23466	27838	2.49%	0.216%
2	6.998	726	733	744	rVB	153555	240750	21.52%	1.869%
3	7.175	757	763	770	rBV	125102	190265	17.01%	1.477%
4	7.375	790	797	804	rBV	153872	244150	21.83%	1.896%
5	7.839	866	876	883	rBV	246956	404963	36.20%	3.145%
6	8.533	988	994	1004	rVB	181264	282776	25.28%	2.196%
7	8.998	1066	1073	1082	rVB	132996	218854	19.57%	1.699%
8	9.716	1189	1195	1202	rVB	101521	161343	14.42%	1.253%
9	10.251	1278	1286	1295	rBV	177874	299622	26.79%	2.327%
10	10.633	1341	1351	1358	rBV	355920	599957	53.64%	4.659%
11	10.769	1367	1374	1388	rBV	130268	227737	20.36%	1.768%
12	13.880	1897	1903	1908	rBV	320985	458293	40.97%	3.559%
13	13.927	1908	1911	1920	rVB	118445	160216	14.32%	1.244%
14	14.168	1944	1952	1966	rVB	393254	577675	51.64%	4.486%
15	14.374	1983	1987	1991	rVB	15768	19258	1.72%	0.150%
16	14.474	1998	2004	2013	rVB2	489545	773543	69.15%	6.007%
17	14.662	2030	2036	2043	rBV	35114	52619	4.70%	0.409%
18	14.892	2069	2075	2079	rVB3	9661	14792	1.32%	0.115%
19	15.327	2144	2149	2154	rVB	31012	37857	3.38%	0.294%
20	15.468	2167	2173	2180	rVB	525215	749140	66.97%	5.817%
21	15.580	2187	2192	2197	rVB	30740	40911	3.66%	0.318%
22	15.709	2210	2214	2216	rBV	8760	11966	1.07%	0.093%
23	16.186	2290	2295	2306	rBV	32422	59196	5.29%	0.460%
24	16.980	2424	2430	2433	rBV	18865	24424	2.18%	0.190%
25	17.221	2465	2471	2476	rBV	643752	919096	82.17%	7.137%
26	17.262	2476	2478	2481	rVV	15084	16575	1.48%	0.129%
27	17.315	2481	2487	2497	rVB	543352	803966	71.87%	6.243%
28	18.109	2616	2622	2631	rBV2	62094	98088	8.77%	0.762%
29	18.186	2631	2635	2643	rVB	18668	27523	2.46%	0.214%
30	18.315	2654	2657	2664	rVB5	11512	16889	1.51%	0.131%
31	18.603	2701	2706	2712	rBV4	18009	34166	3.05%	0.265%
32	18.697	2718	2722	2727	rVB4	9178	14199	1.27%	0.110%
33	18.839	2741	2746	2751	rBV3	24272	31523	2.82%	0.245%
34	19.244	2810	2815	2817	rBV	8909	13277	1.19%	0.103%

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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

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35	19.274	2817	2820	2826	rVB	38726	53377	4.77%	0.414%
36	19.386	2835	2839	2843	rBV2	37720	55031	4.92%	0.427%
37	19.609	2869	2877	2889	rBV	697713	1067591	95.44%	8.290%
38	19.715	2891	2895	2902	rVV3	34141	48856	4.37%	0.379%
39	20.056	2933	2953	2956	rBV3	29967	145455	13.00%	1.129%
40	20.127	2963	2965	2969	rBV3	14315	20841	1.86%	0.162%
41	20.527	3029	3033	3034	rBV3	15412	21495	1.92%	0.167%
42	20.591	3041	3044	3049	rBV2	54082	89535	8.00%	0.695%
43	21.115	3129	3133	3140	rBV	100037	172256	15.40%	1.338%
44	21.403	3177	3182	3187	rBV	875283	1118567	100.00%	8.686%
45	22.474	3361	3364	3368	rBV	109293	174147	15.57%	1.352%
46	23.562	3543	3549	3564	rVB	481761	1033862	92.43%	8.028%
47	23.709	3567	3574	3582	rVB	512990	1023852	91.53%	7.950%

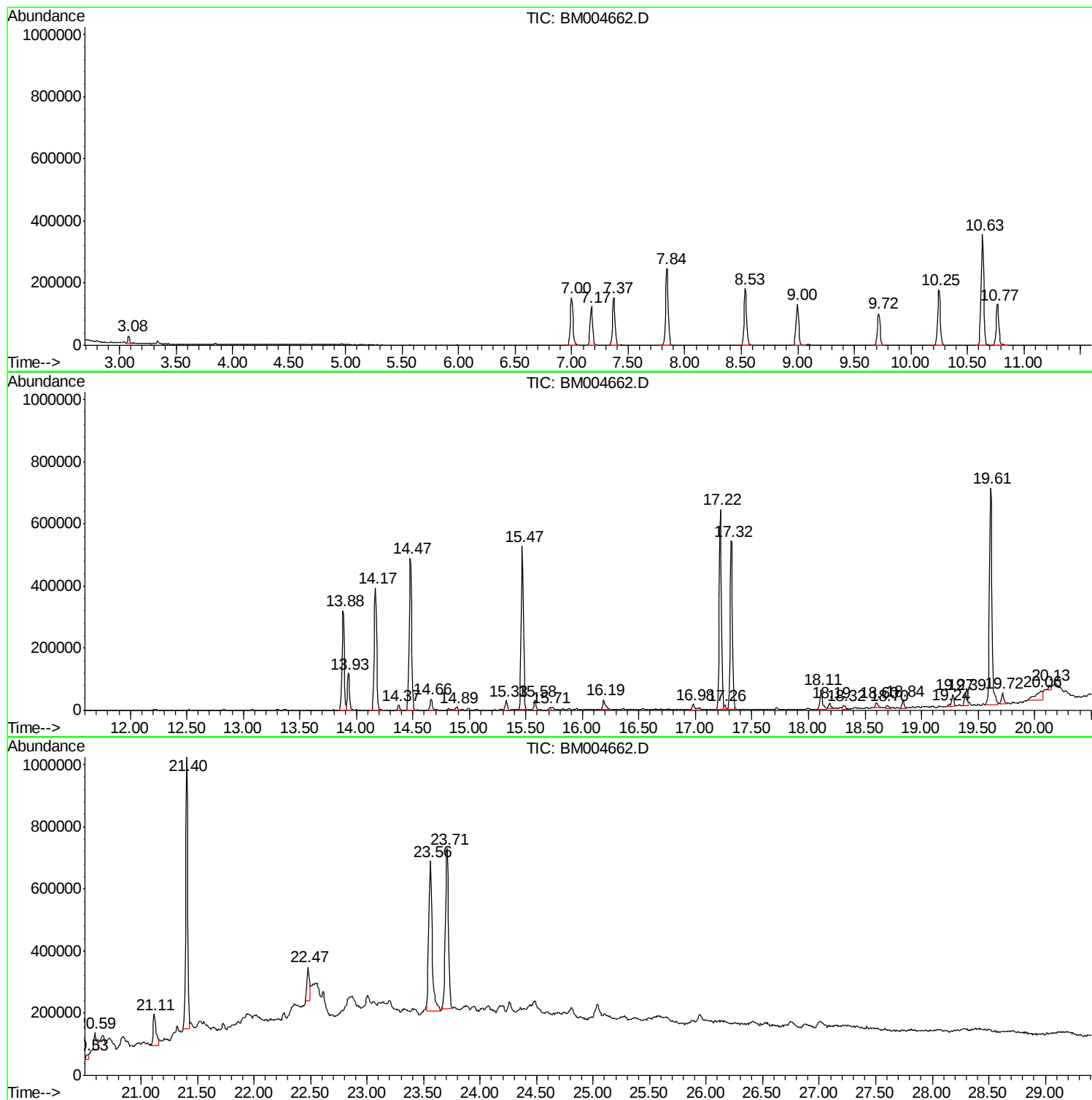
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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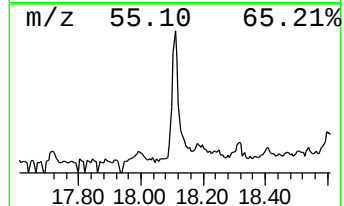
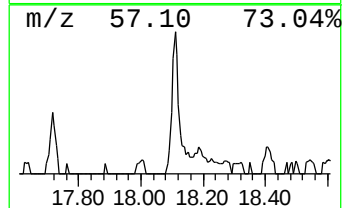
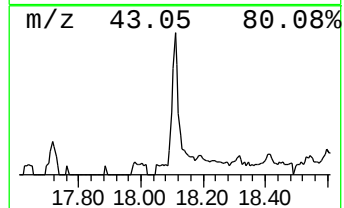
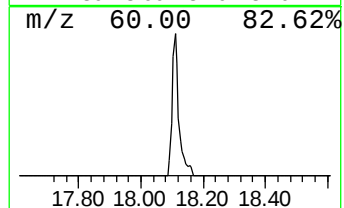
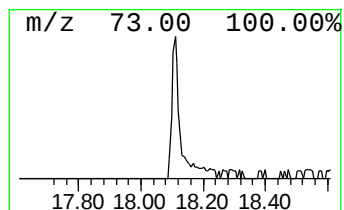
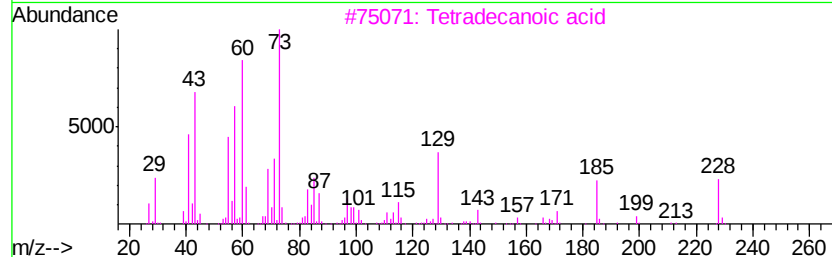
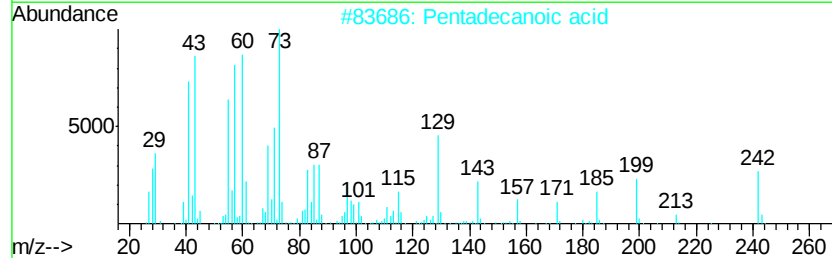
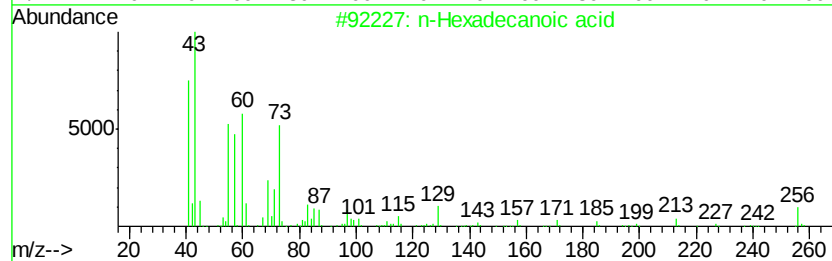
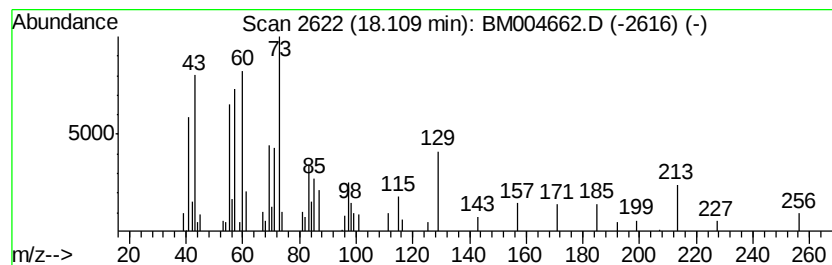
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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.	
18.11	2.13 ng/ul	98088	Phenanthrene-d10		17.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
4	Tridecanoic acid		214	C13H26O2	000638-53-9	59
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	50



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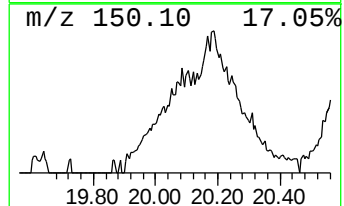
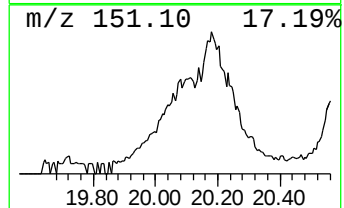
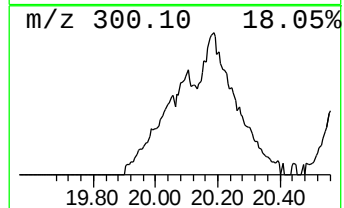
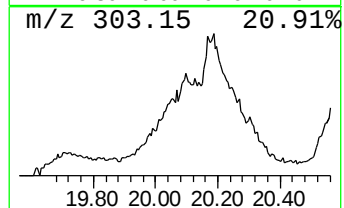
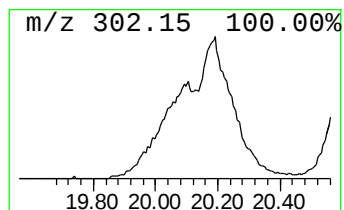
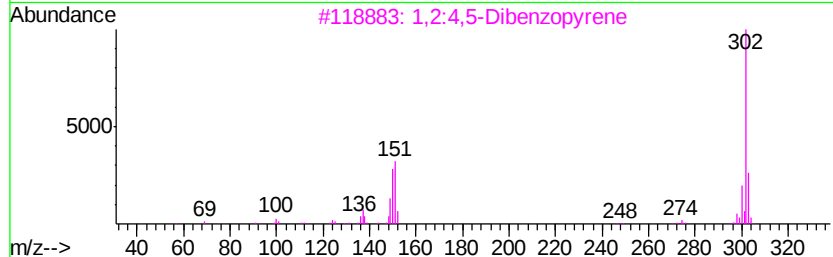
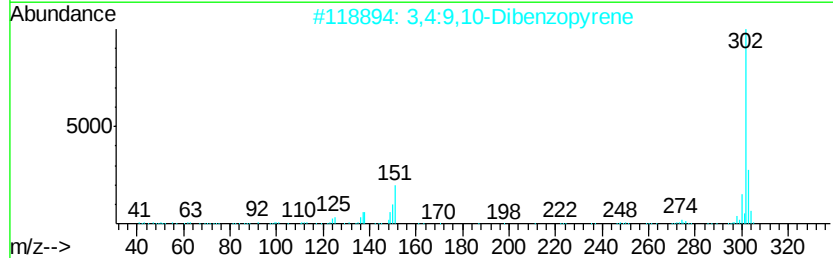
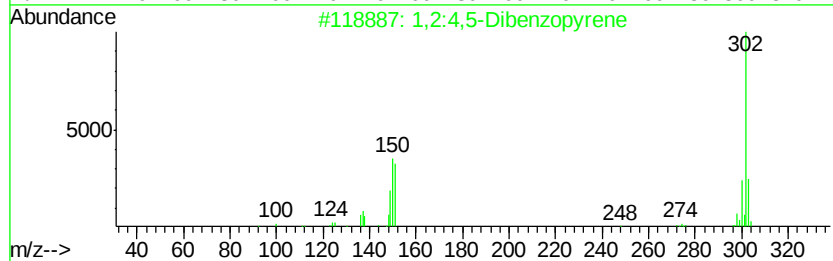
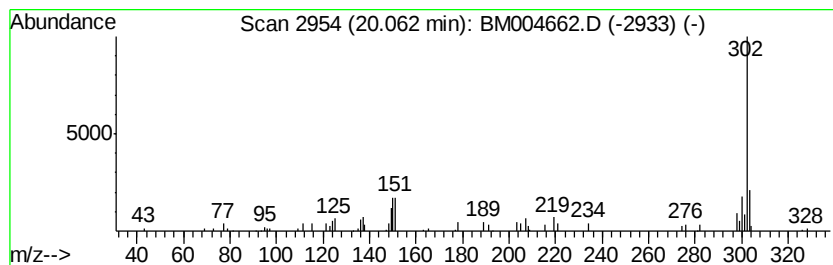
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,2:4,5-Dibenzopyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.60 ng/ul	145455	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	86
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	76
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
4			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
5			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70



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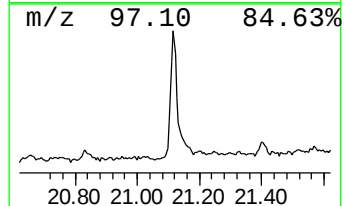
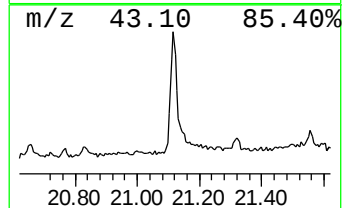
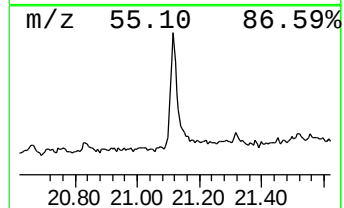
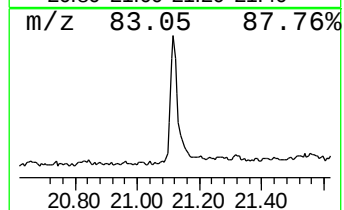
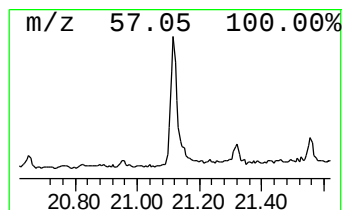
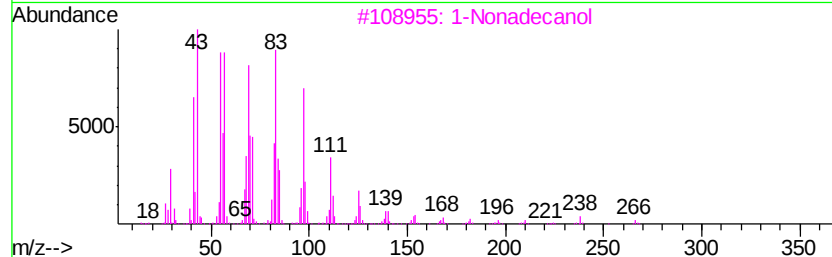
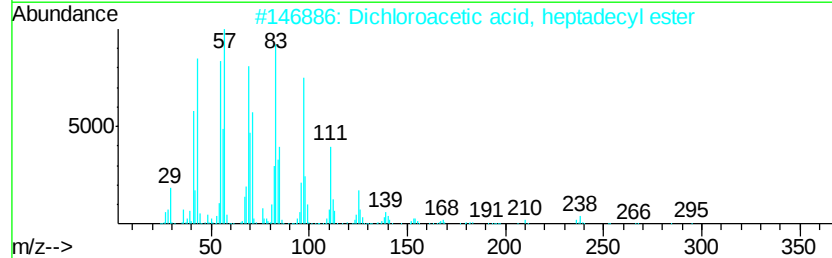
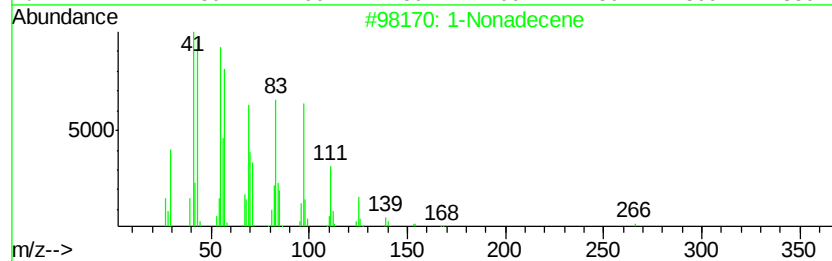
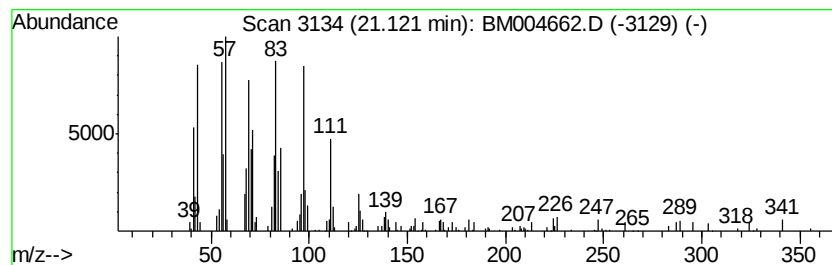
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Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	3.08 ng/ul	172256	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	94
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3			1-Nonadecanol	284	C19H40O	001454-84-8	93
4			Z-5-Nonadecene	266	C19H38	1000131-11-8	91
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	90



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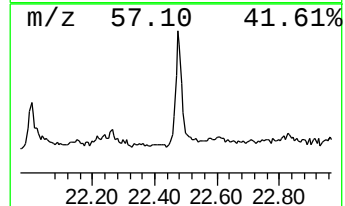
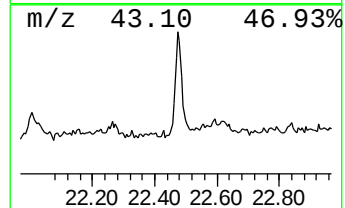
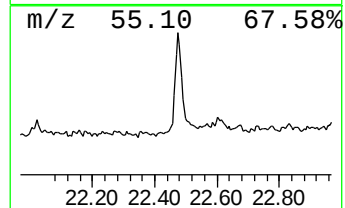
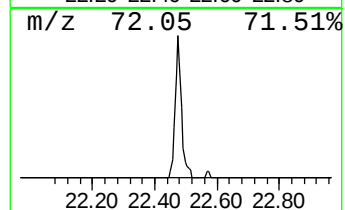
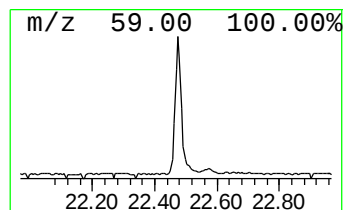
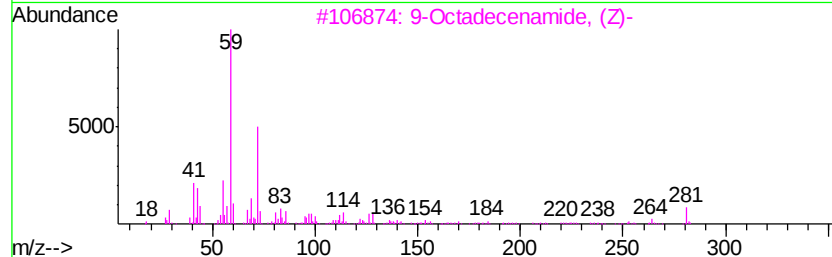
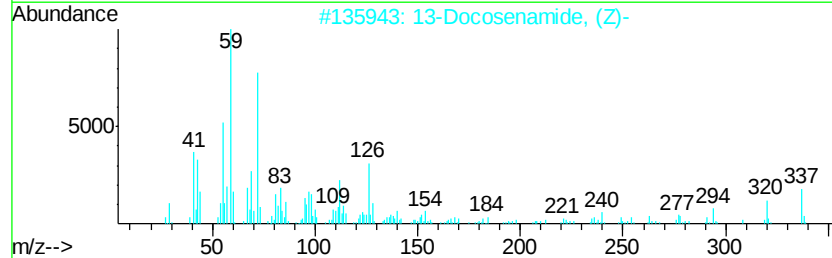
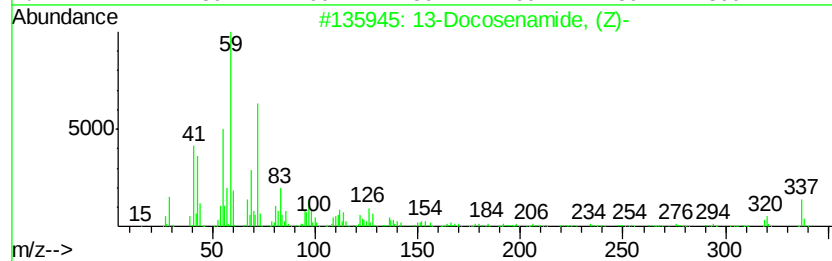
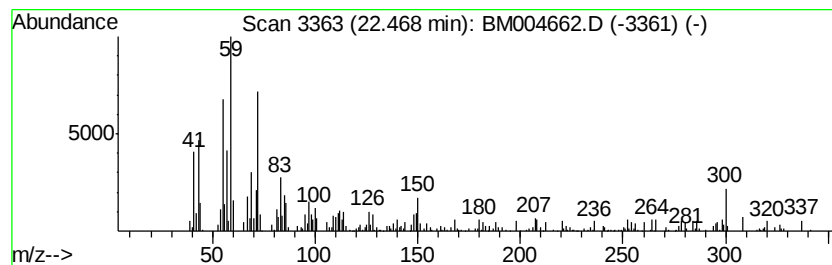
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Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.11 ng/ul	174147	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	60
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46
5		Octanamide	143	C8H17NO	000629-01-6	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.11	2.1	ng/ul	98088	4	17.22	919096	20.0
1,2:4,5-Dibenzopy...	20.06	2.6	ng/ul	145455	5	21.40	1118570	20.0
(DEL) Alkane: Str...	21.12	3.1	ng/ul	172256	5	21.40	1118570	20.0
13-Docosenamide, ...	22.47	3.1	ng/ul	174147	5	21.40	1118570	20.0