

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057073.D
 Acq On : 12 Apr 2023 21:34
 Operator : CG/JU
 Sample : 02283-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230329-COMP-7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057073.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.430	316	322	331	rVB	25794	41358	5.01%	0.992%
2	5.912	398	404	412	rBV	227850	379318	45.95%	9.096%
3	7.539	672	681	689	rBV	231500	409111	49.56%	9.810%
4	8.403	822	828	835	rVB	54431	91480	11.08%	2.194%
5	9.583	1021	1029	1036	rVB	135771	242374	29.36%	5.812%
6	11.246	1304	1312	1319	rVB	69801	122409	14.83%	2.935%
7	13.643	1714	1720	1727	rVB	363204	539366	65.34%	12.934%
8	15.017	1947	1954	1962	rVB2	115845	182403	22.10%	4.374%
9	16.351	2175	2181	2189	rVB	23028	33886	4.10%	0.813%
10	16.498	2199	2206	2217	rBV	303284	462229	55.99%	11.084%
11	17.755	2414	2420	2427	rVB	165100	237309	28.75%	5.690%
12	18.589	2558	2562	2569	rBV3	23350	32726	3.96%	0.785%
13	20.322	2852	2857	2863	rVB	656251	825516	100.00%	19.795%
14	21.097	2985	2989	2992	rBV6	7078	8787	1.06%	0.211%
15	21.638	3076	3081	3092	rBV3	22006	41025	4.97%	0.984%
16	22.072	3148	3155	3163	rBV	144451	253256	30.68%	6.073%
17	22.877	3289	3292	3299	rBV7	5024	9060	1.10%	0.217%
18	23.852	3453	3458	3463	rBV6	6679	14195	1.72%	0.340%
19	25.609	3747	3757	3767	rVB2	85163	244470	29.61%	5.862%

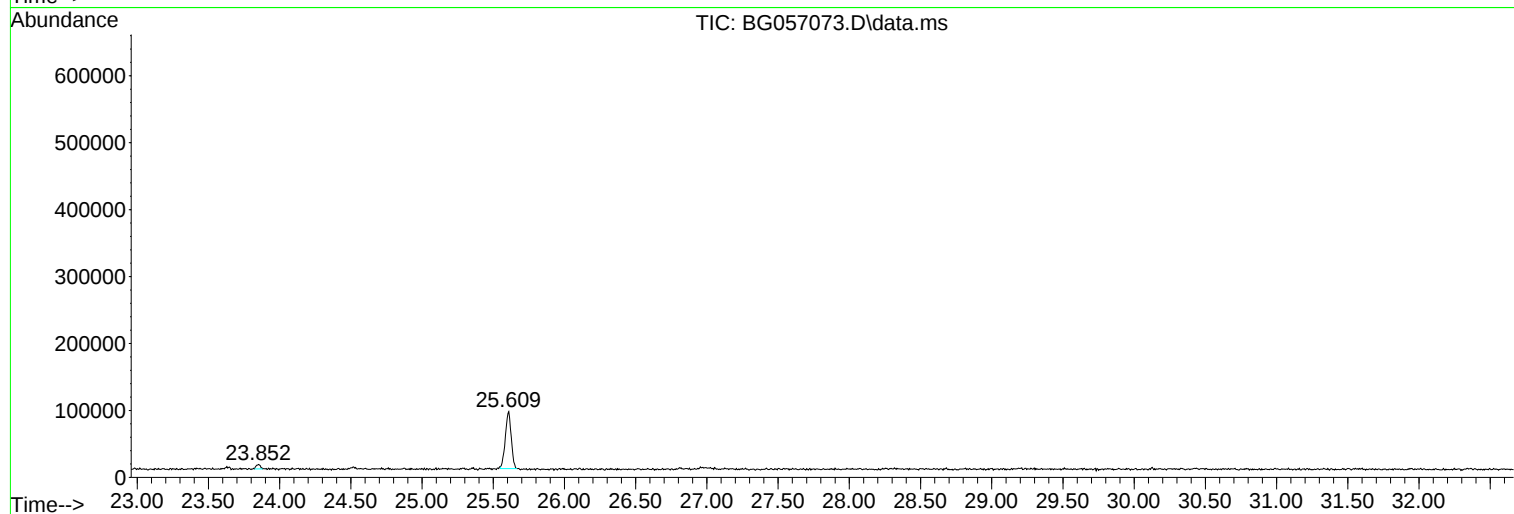
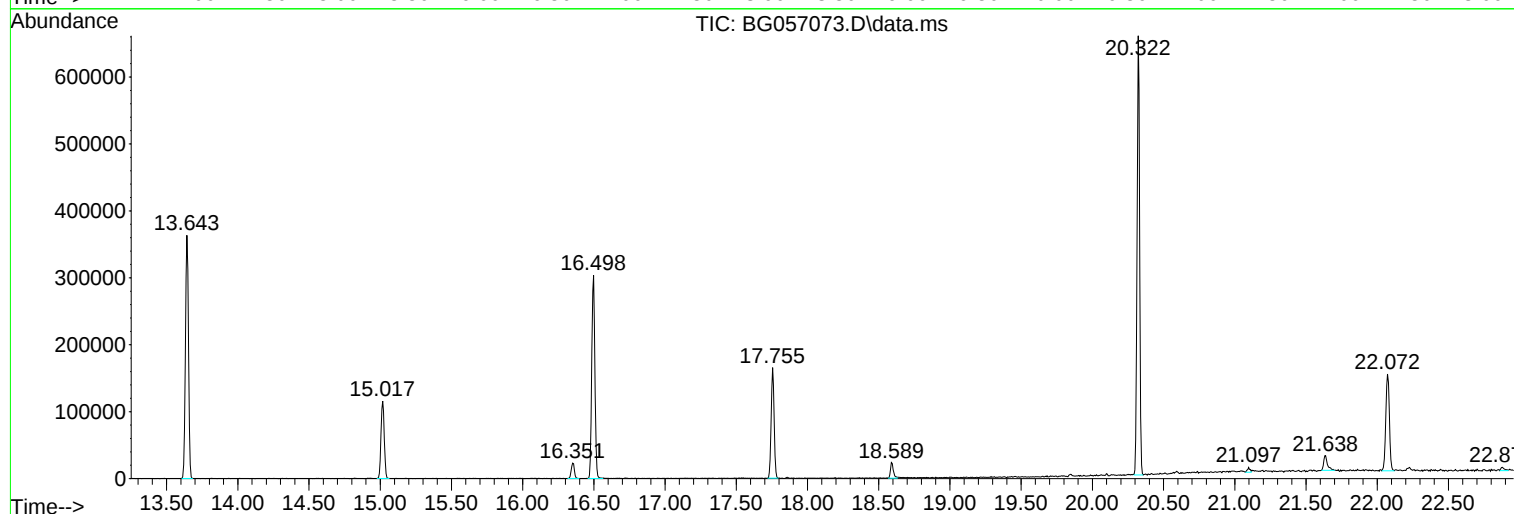
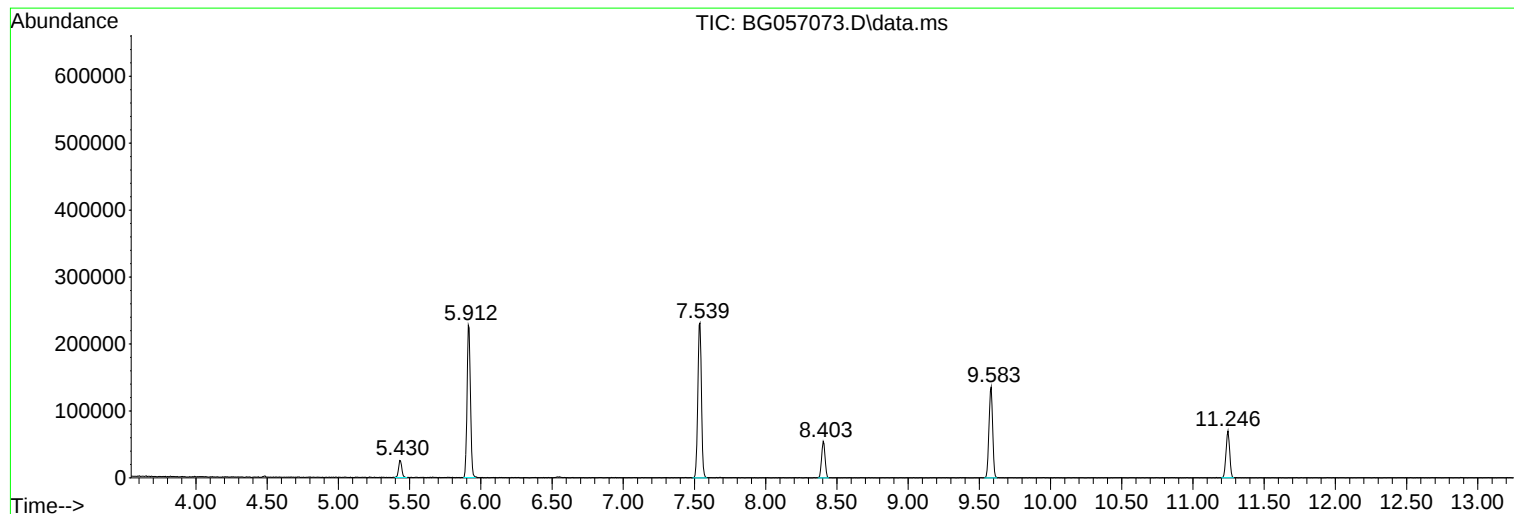
Sum of corrected areas: 4170278

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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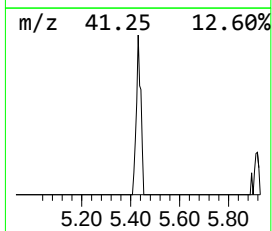
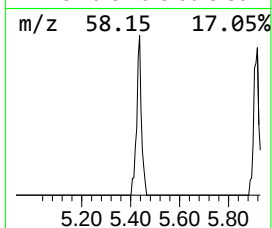
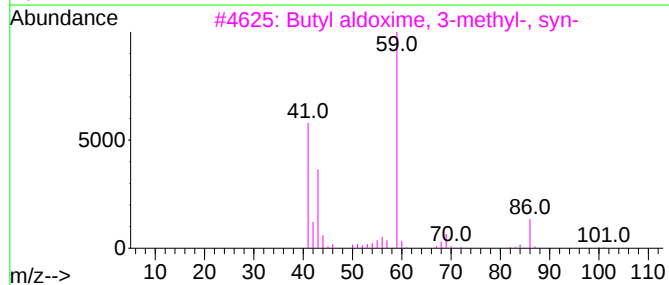
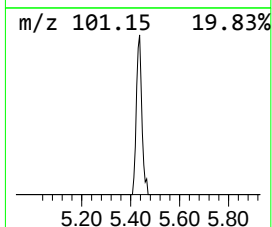
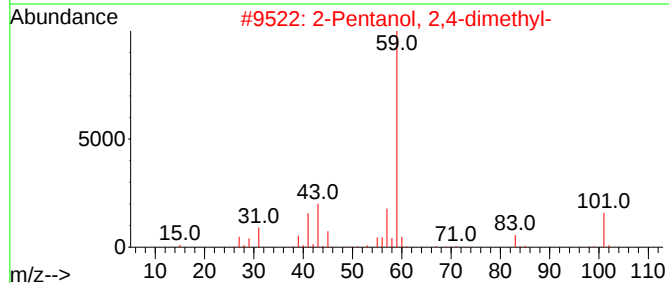
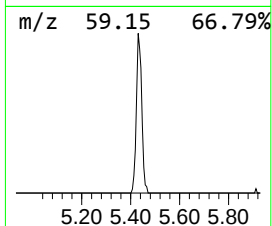
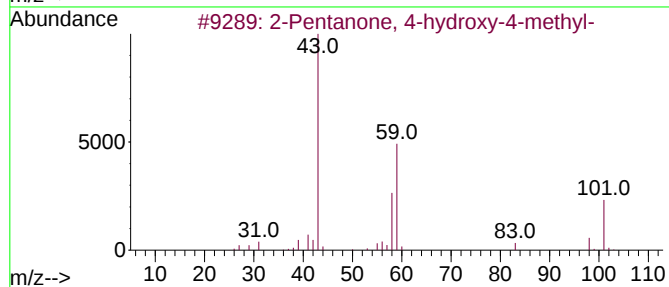
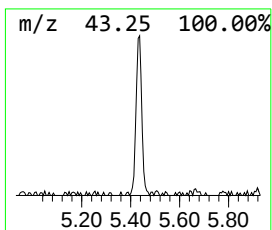
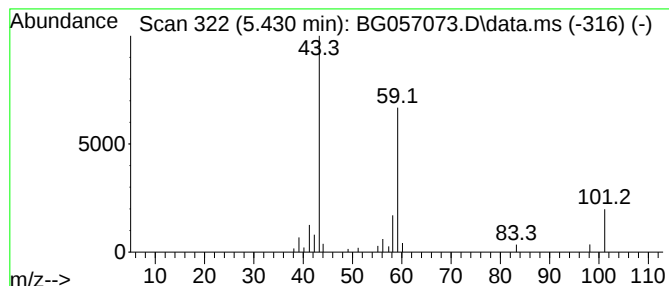
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.430	9.04 ng	41358	1,4-Dichlorobenzene-d4	8.403

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42		
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9		



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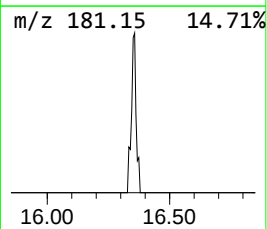
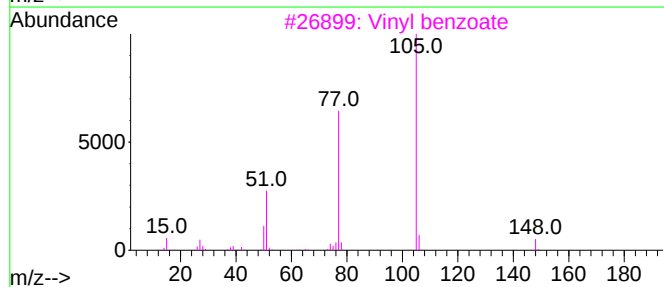
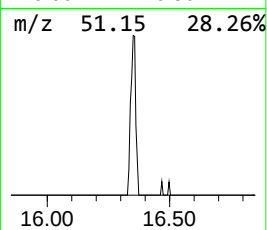
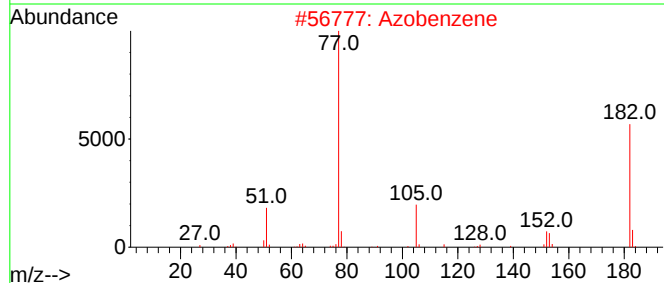
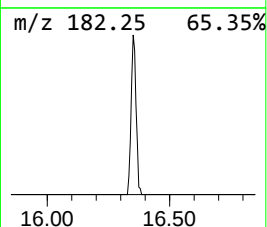
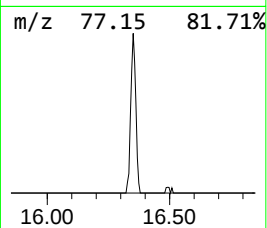
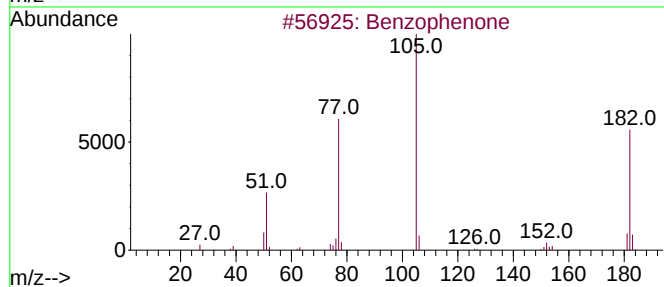
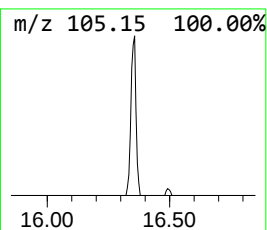
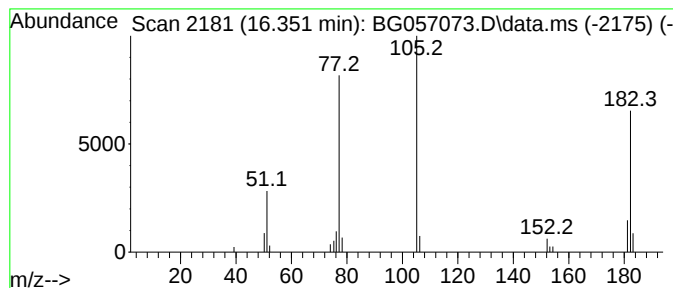
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.351	3.72 ng	33886	Acenaphthene-d10	15.017

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			Vinyl benzoate	148	C9H8O2	000769-78-8	50
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50
5			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	50



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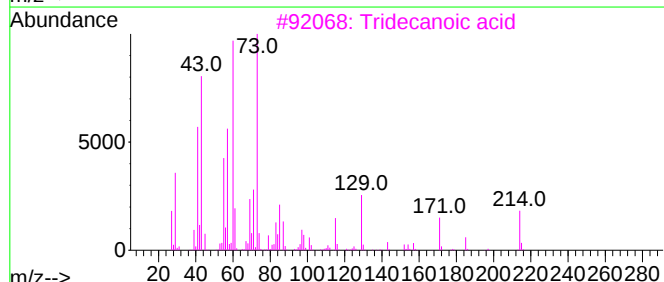
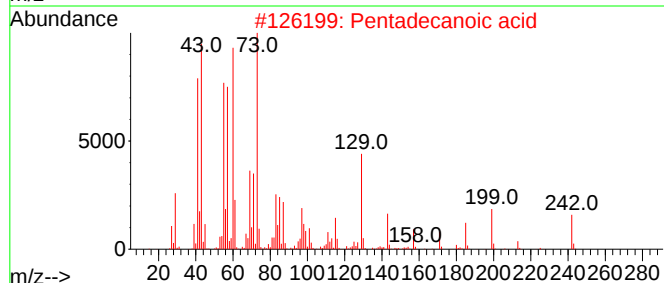
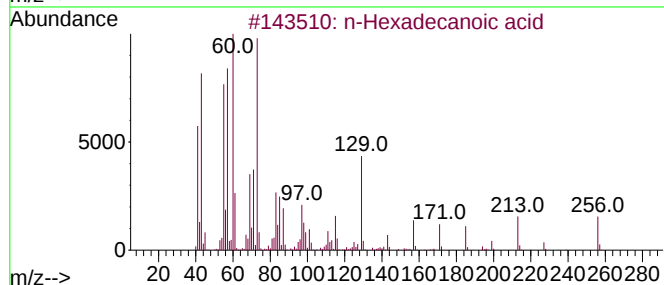
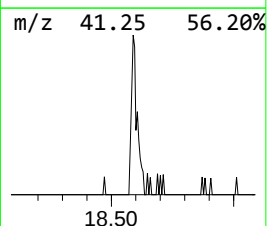
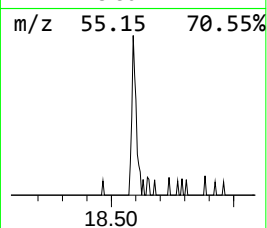
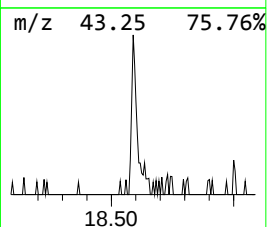
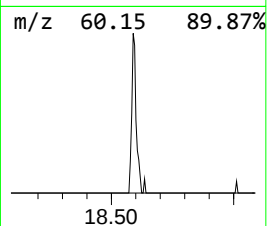
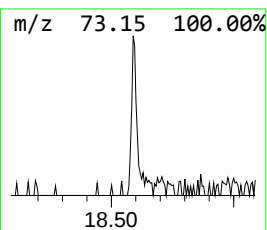
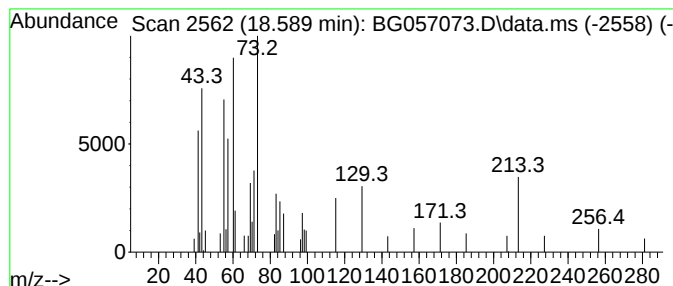
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.589	2.76 ng	32726	Phenanthrene-d10	17.755

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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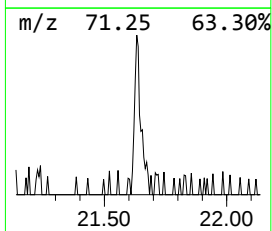
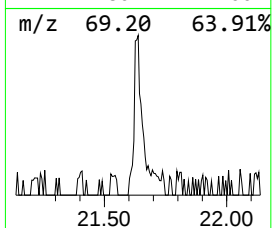
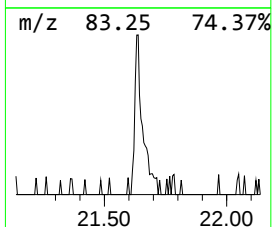
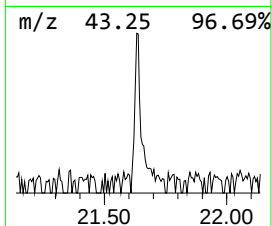
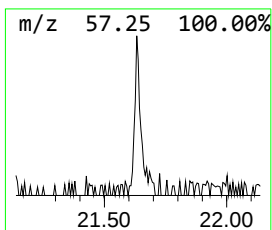
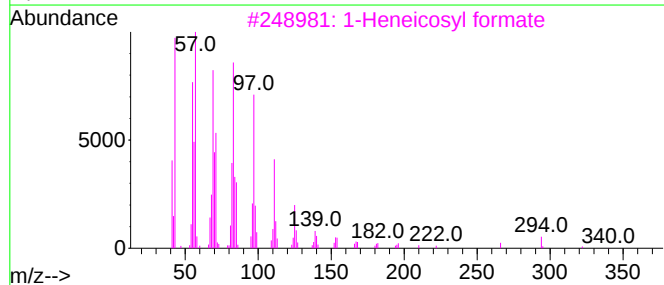
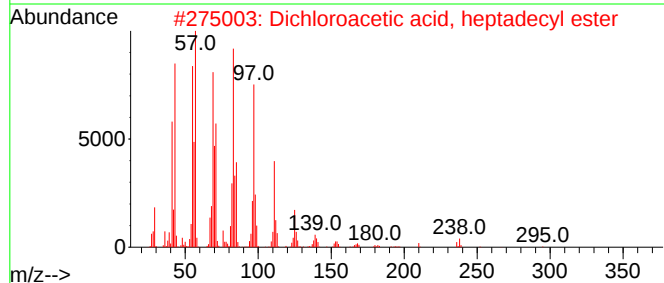
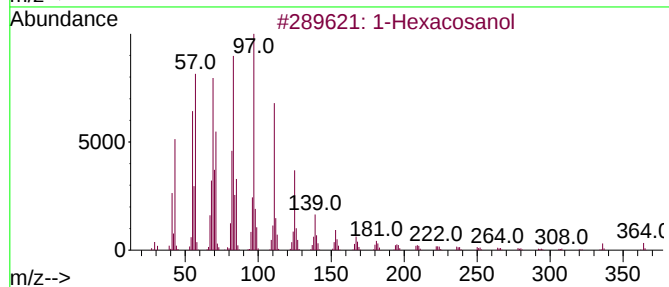
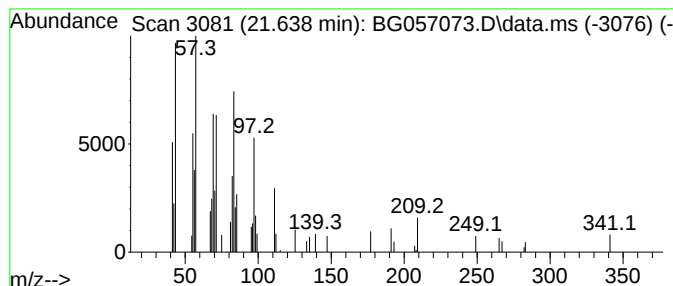
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Hexacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.638	3.24 ng	41025	Chrysene-d12	22.072

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexacosanol	382	C26H54O	000506-52-5	87
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
4			Triacontan-15-ol	438	C30H62O	031849-26-0	80
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.430	9.0	ng	41358	1	8.403	91480	20.0
Benzophenone	16.351	3.7	ng	33886	3	15.017	182403	20.0
n-Hexadecanoic ...	18.589	2.8	ng	32726	4	17.755	237309	20.0
1-Hexacosanol	21.638	3.2	ng	41025	5	22.072	253256	20.0