

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056699.D
 Acq On : 22 Feb 2023 15:55
 Operator : CG/JU
 Sample : 01640-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

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-BG021523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056699.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.459	321	327	336	rVB	100279	156399	15.49%	2.918%
2	5.935	401	408	416	rVB	254741	406765	40.28%	7.589%
3	7.551	675	683	691	rBV	275219	478063	47.35%	8.919%
4	8.426	826	832	838	rBV	57631	96214	9.53%	1.795%
5	9.601	1023	1032	1040	rVB	160765	282802	28.01%	5.276%
6	11.264	1309	1315	1323	rVB	81927	148610	14.72%	2.772%
7	13.661	1716	1723	1731	rBV	455708	686522	67.99%	12.808%
8	15.030	1949	1956	1963	rVB	153577	237477	23.52%	4.430%
9	16.364	2177	2183	2190	rBV	42223	59345	5.88%	1.107%
10	16.505	2201	2207	2216	rVB	416135	616821	61.09%	11.507%
11	17.768	2414	2422	2428	rBV	201065	305561	30.26%	5.700%
12	18.602	2559	2564	2572	rBV	60376	92525	9.16%	1.726%
13	19.025	2632	2636	2641	rVB2	19235	22550	2.23%	0.421%
14	19.789	2762	2766	2772	rVB	8564	13859	1.37%	0.259%
15	19.854	2774	2777	2783	rVV2	17700	22184	2.20%	0.414%
16	20.148	2824	2827	2832	rVB2	9382	13188	1.31%	0.246%
17	20.330	2853	2858	2865	rVB	783778	1009736	100.00%	18.837%
18	21.652	3079	3083	3090	rVB2	61498	88040	8.72%	1.642%
19	22.075	3149	3155	3163	rBV2	162218	294668	29.18%	5.497%
20	23.890	3459	3464	3470	rBV5	13441	25892	2.56%	0.483%
21	25.618	3749	3758	3767	rVB3	99104	303034	30.01%	5.653%

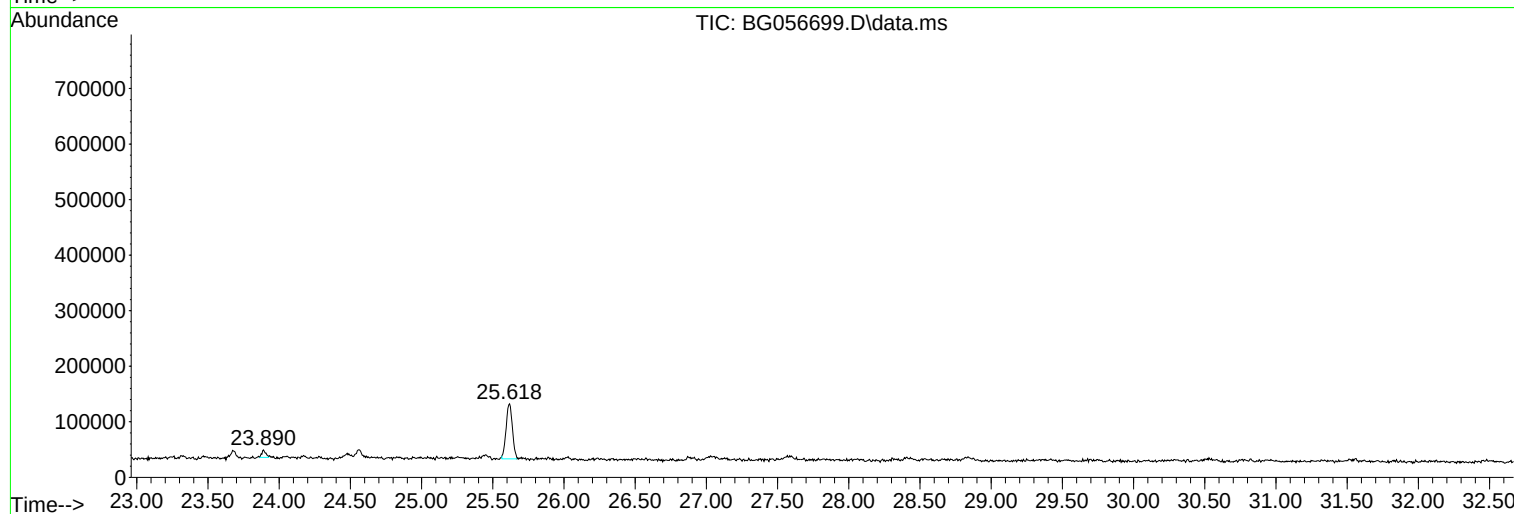
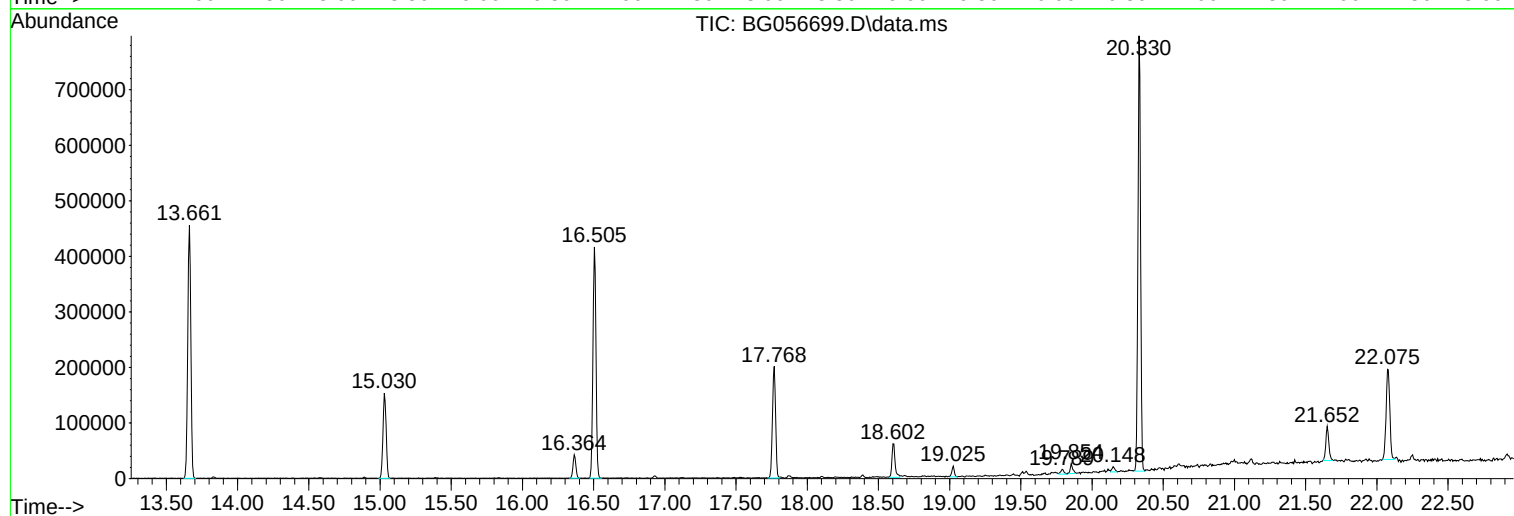
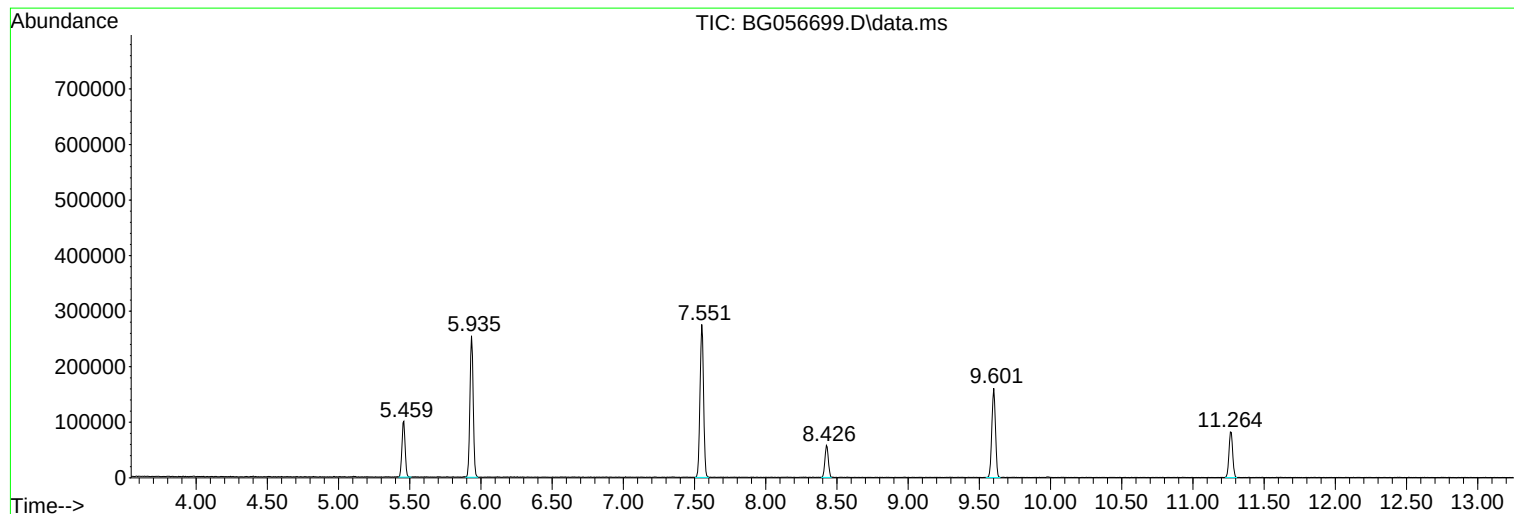
Sum of corrected areas: 5360255

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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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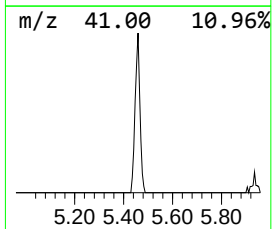
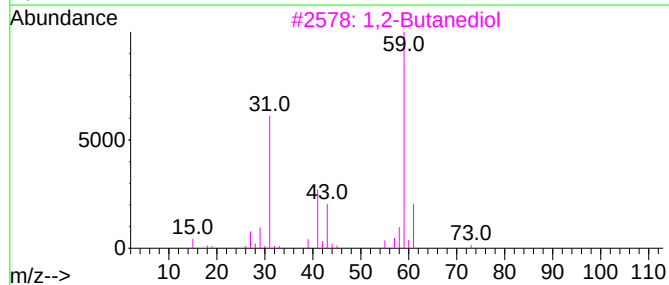
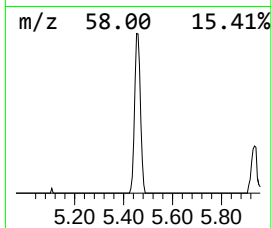
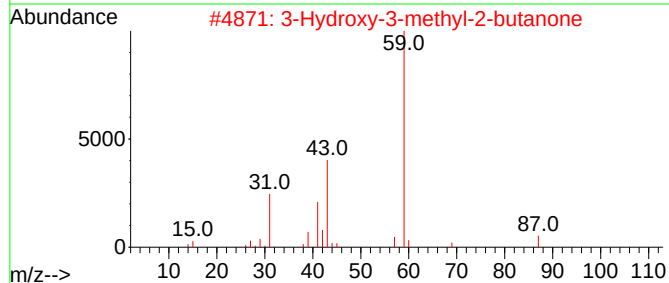
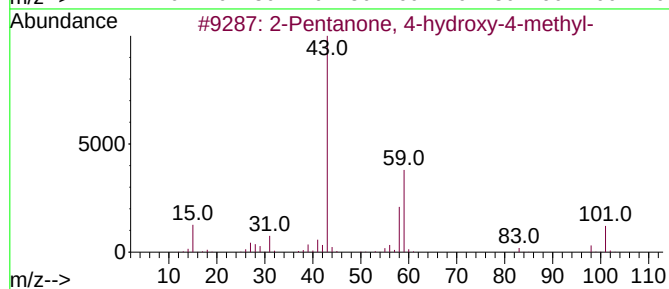
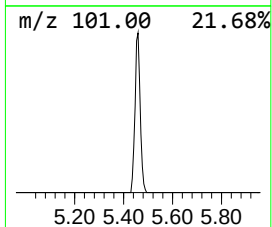
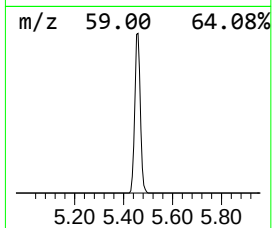
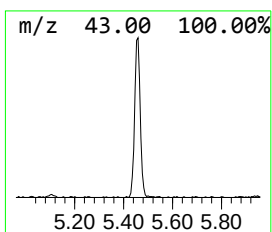
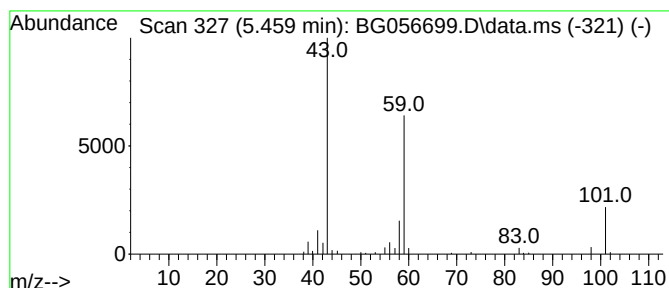
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.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.
5.459	32.51 ng	156399	1,4-Dichlorobenzene-d4	8.426

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35		
3	1,2-Butanediol	90	C4H10O2	000584-03-2	17		
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		



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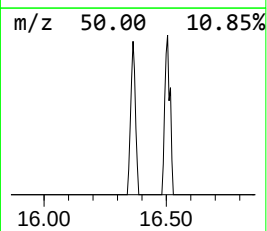
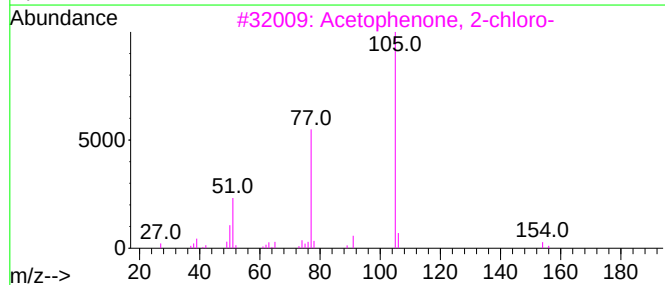
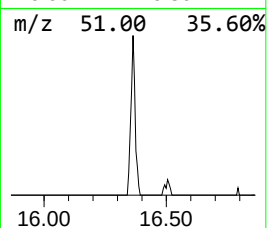
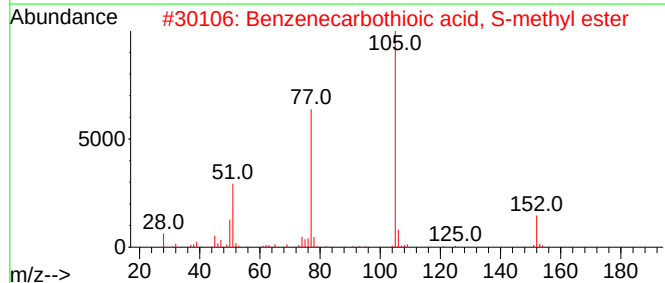
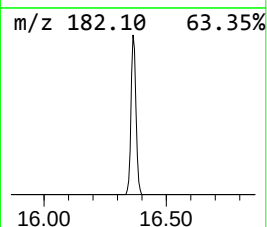
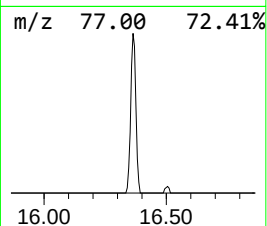
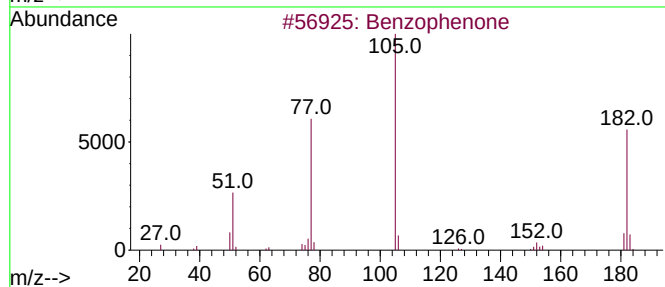
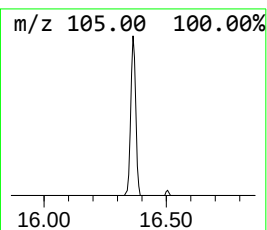
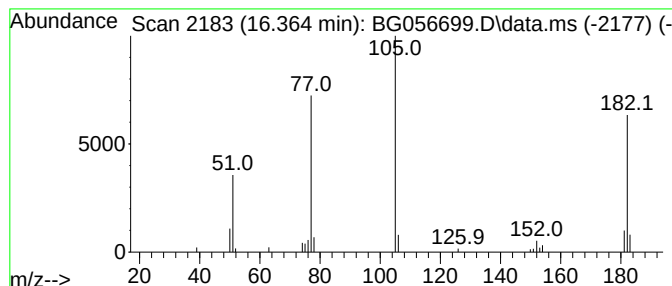
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	5.00 ng	59345	Acenaphthene-d10	15.030

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Benzoylformic acid	150	C8H6O3	000611-73-4	49
5			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47



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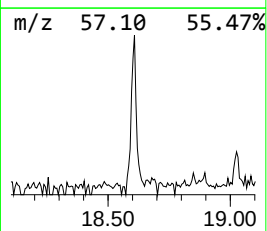
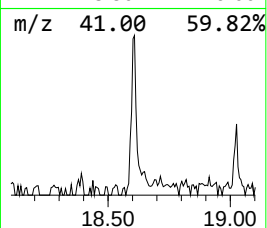
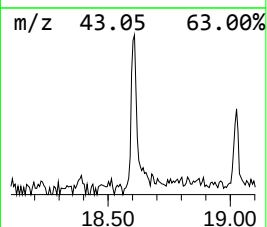
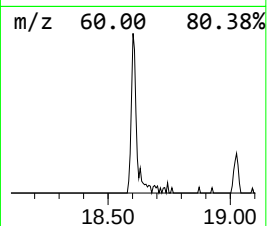
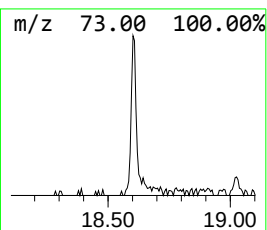
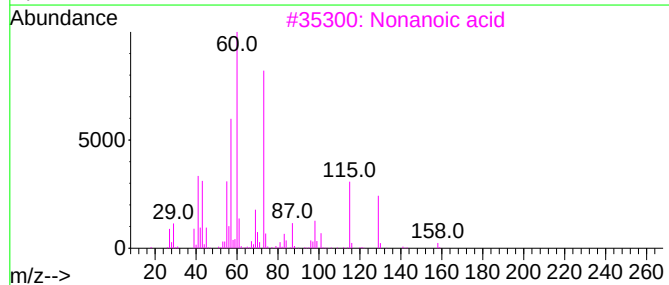
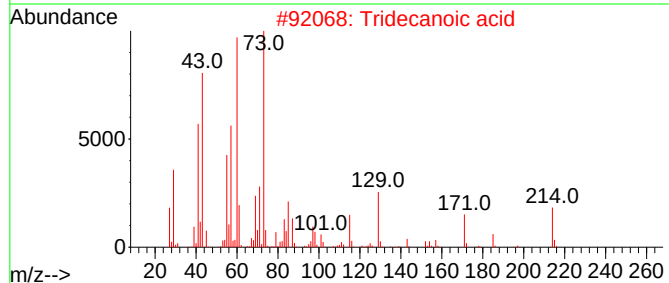
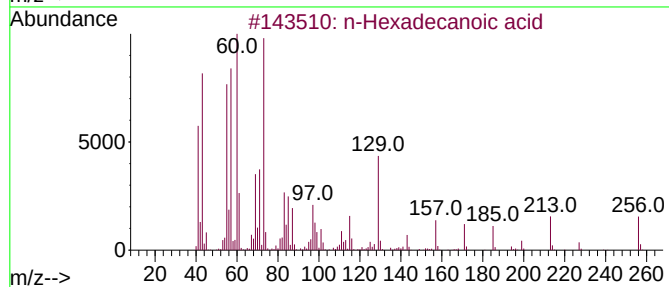
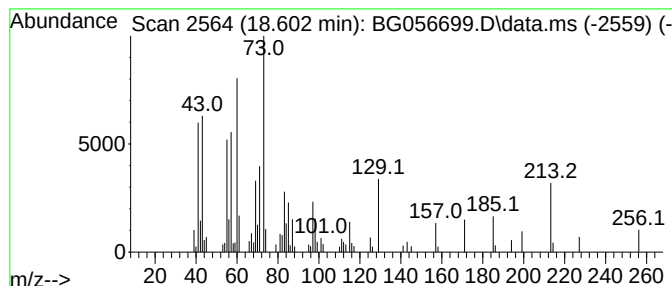
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.602	6.06 ng	92525	Phenanthrene-d10	17.768

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	86
3			Nonanoic acid	158	C9H18O2	000112-05-0	30
4			Dodecyl propyl ether	228	C15H32O	1000406-27-7	27
5			Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	18



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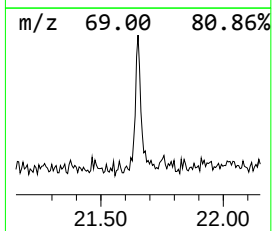
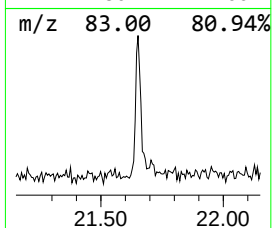
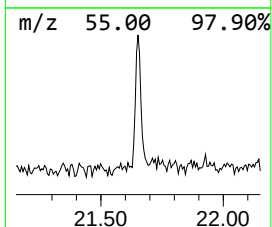
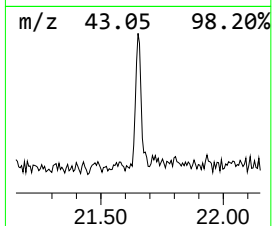
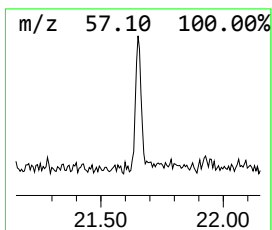
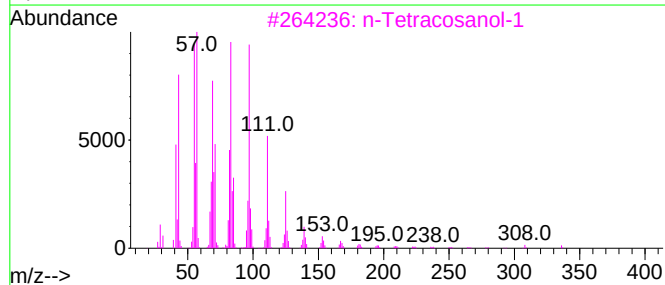
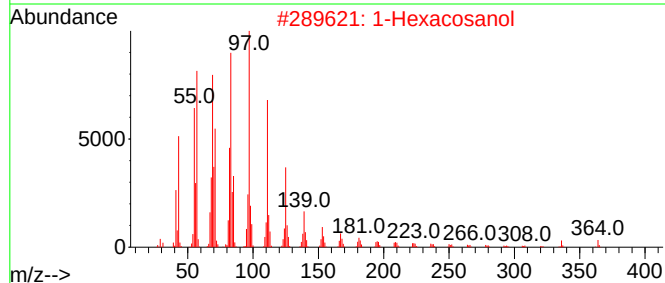
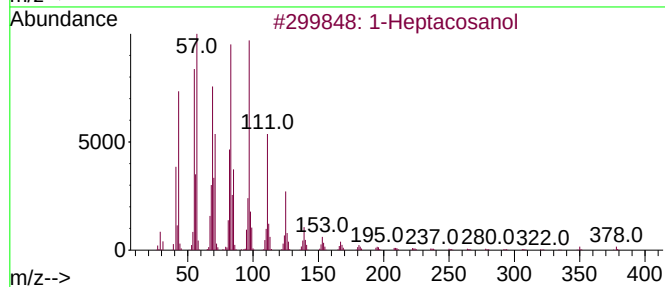
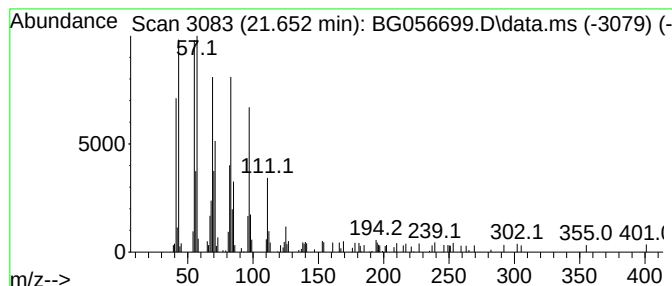
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Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.652	5.98 ng	88040	Chrysene-d12	22.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	91
2			1-Hexacosanol	382	C26H54O	000506-52-5	91
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4			Octacosanol	410	C28H58O	000557-61-9	91
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.459	32.5	ng	156399	1	8.426	96214	20.0
Benzophenone	16.364	5.0	ng	59345	3	15.030	237477	20.0
n-Hexadecanoic ...	18.602	6.1	ng	92525	4	17.768	305561	20.0
1-Heptacosanol	21.652	6.0	ng	88040	5	22.075	294668	20.0