

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055746.D
 Acq On : 22 Nov 2022 19:17
 Operator : CG/JU
 Sample : N5641-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-8

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-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055746.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.291	335	341	348	rBV	67327	103236	5.62%	1.052%
2	5.773	416	423	435	rVB	444930	708872	38.59%	7.223%
3	7.389	690	698	713	rVB	450096	793104	43.17%	8.081%
4	8.241	836	843	850	rBV	133700	220836	12.02%	2.250%
5	9.410	1033	1042	1051	rBV	259084	468128	25.48%	4.770%
6	10.814	1274	1281	1298	rBV	61670	119526	6.51%	1.218%
7	11.073	1317	1325	1333	rBV	184854	328653	17.89%	3.349%
8	13.488	1728	1736	1747	rVB	751086	1169523	63.67%	11.917%
9	14.863	1964	1970	1979	rBV	322859	508265	27.67%	5.179%
10	16.349	2216	2223	2234	rBV	643931	1022183	55.64%	10.416%
11	17.606	2431	2437	2443	rBV	427661	660189	35.94%	6.727%
12	18.241	2541	2545	2551	rVB	15039	19408	1.06%	0.198%
13	18.464	2578	2583	2591	rBV	82309	137574	7.49%	1.402%
14	19.645	2780	2784	2788	rVB	15308	20492	1.12%	0.209%
15	19.722	2793	2797	2810	rBV3	36504	86297	4.70%	0.879%
16	20.192	2871	2877	2883	rBV	1389682	1836975	100.00%	18.718%
17	21.502	3096	3100	3111	rBV2	43691	104177	5.67%	1.062%
18	21.901	3162	3168	3180	rVB	425941	729250	39.70%	7.431%
19	25.309	3739	3748	3761	rVB2	262170	777201	42.31%	7.919%

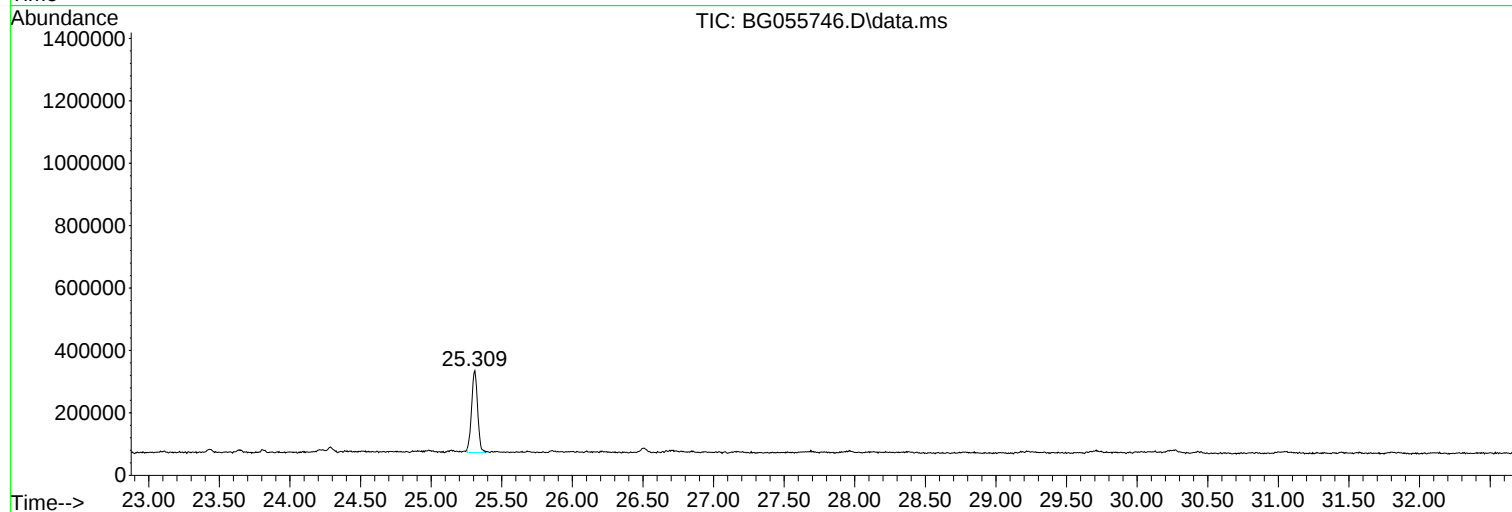
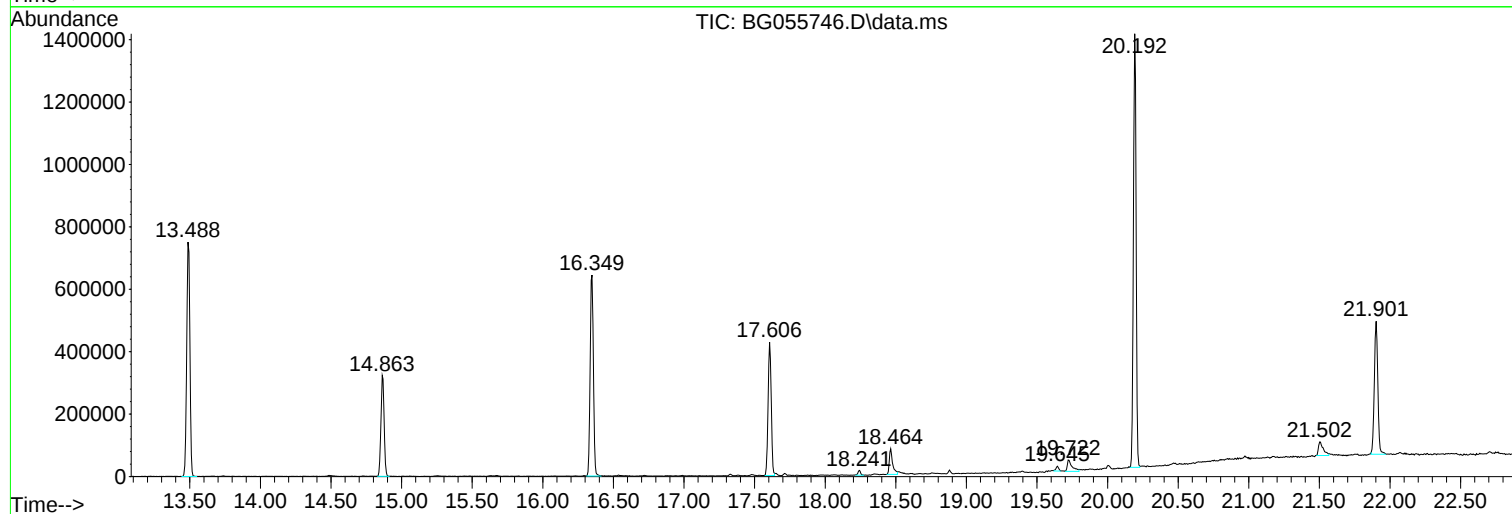
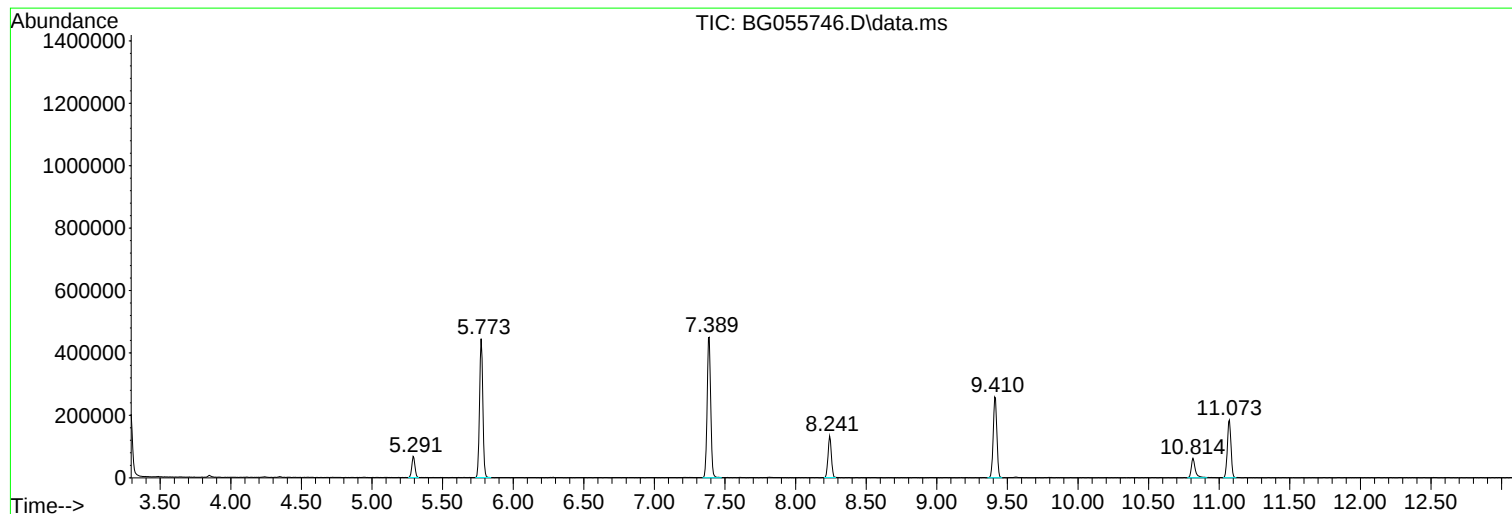
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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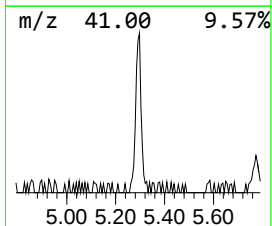
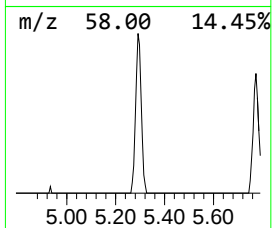
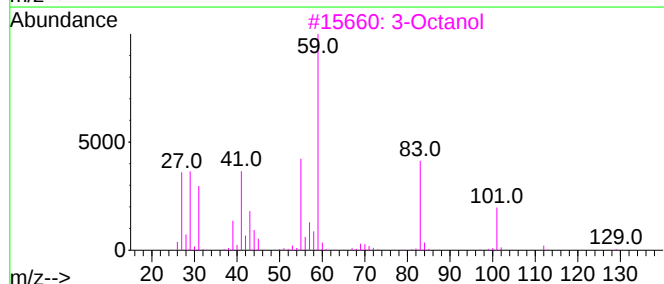
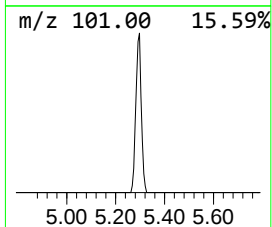
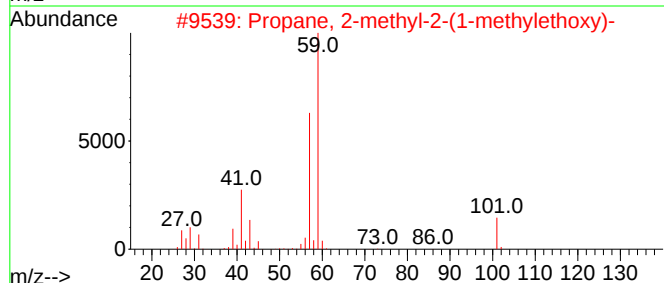
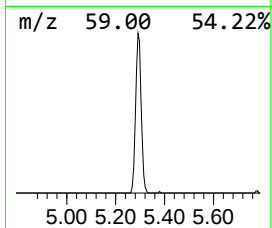
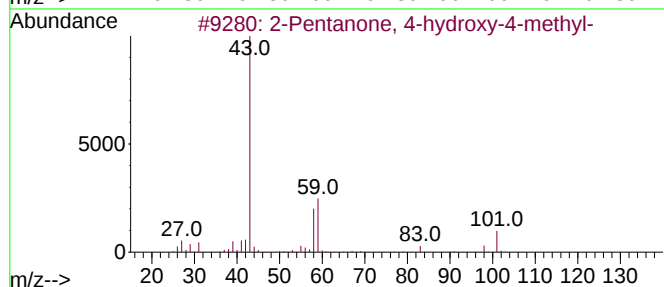
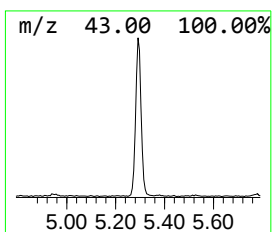
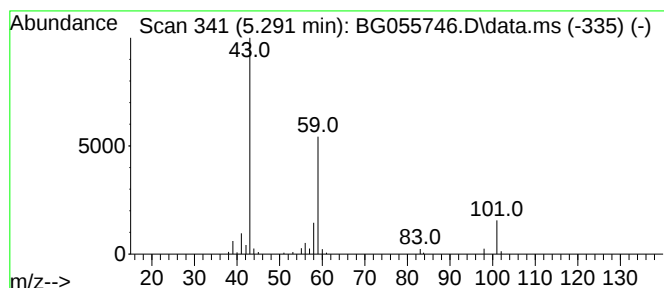
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.291	9.35 ng	103236	1,4-Dichlorobenzene-d4	8.241

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36		
3	3-Octanol	130	C8H18O	000589-98-0	33		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17		



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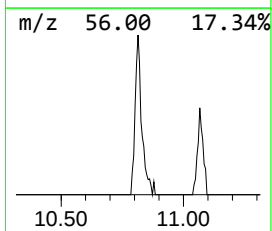
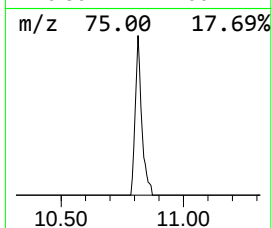
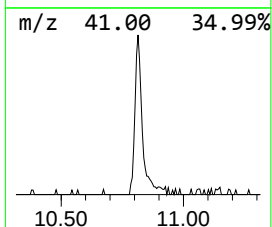
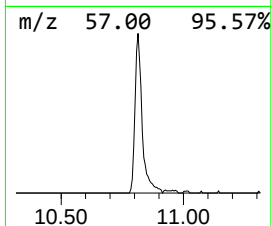
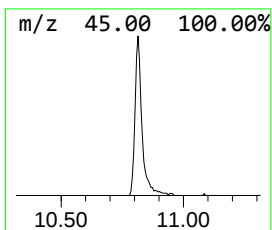
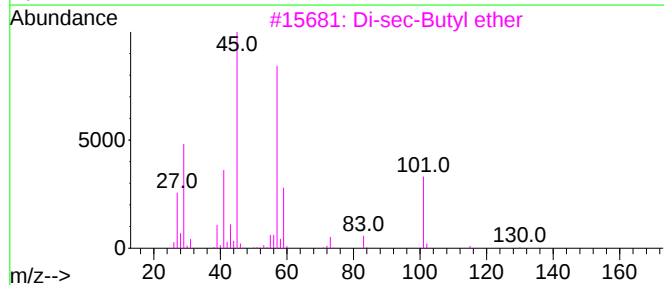
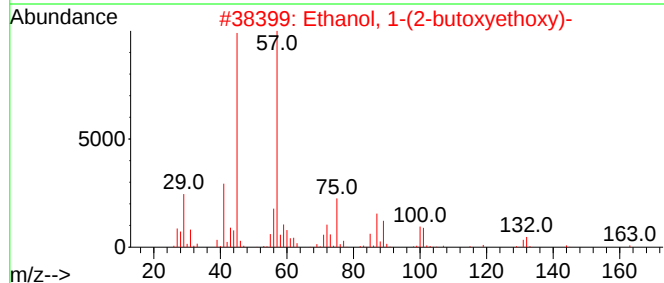
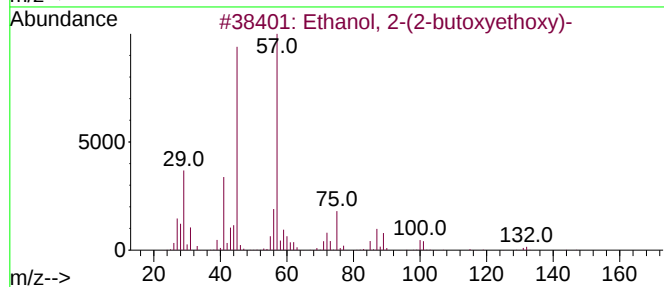
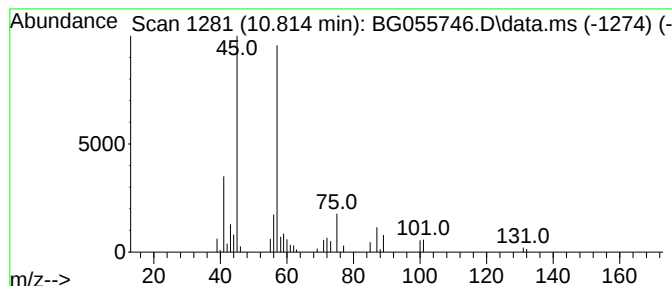
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-8

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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.814	7.27 ng	119526	Naphthalene-d8	11.073	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50



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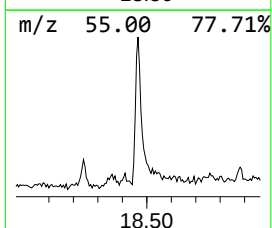
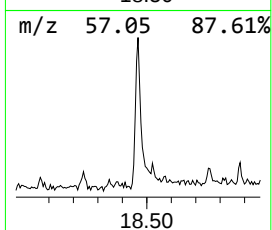
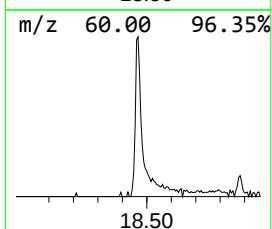
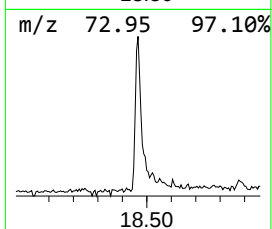
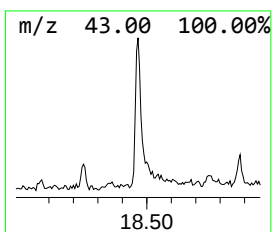
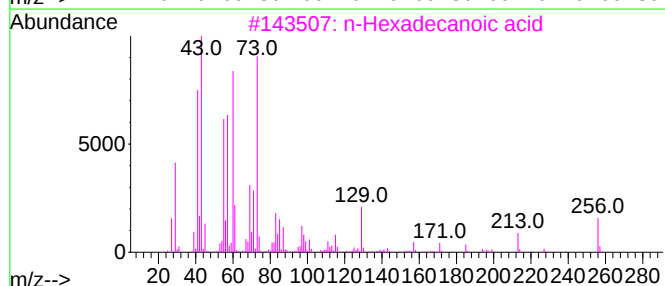
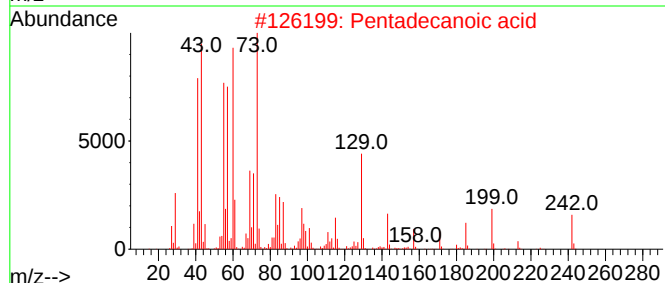
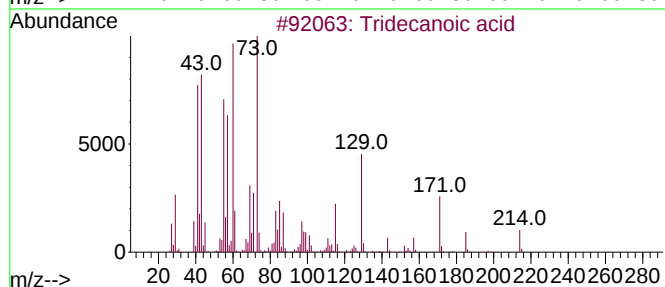
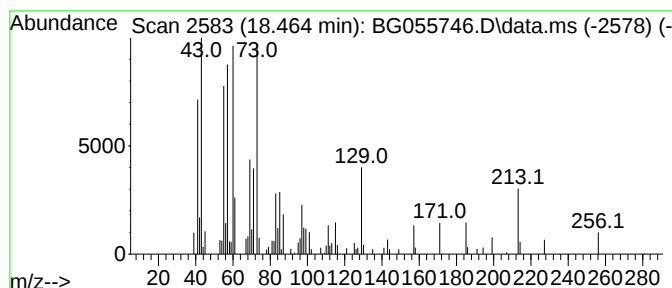
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.464	4.17 ng	137574	Phenanthrene-d10	17.606

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	62



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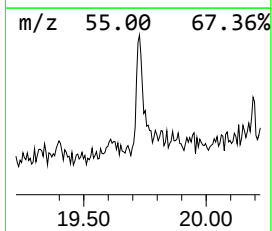
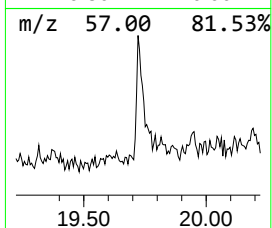
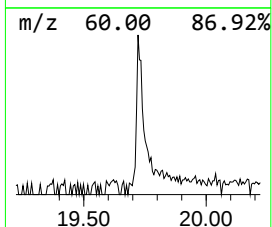
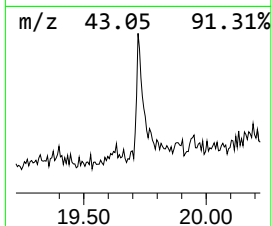
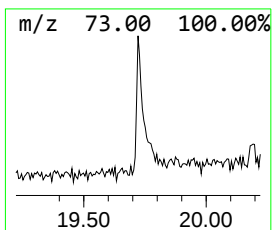
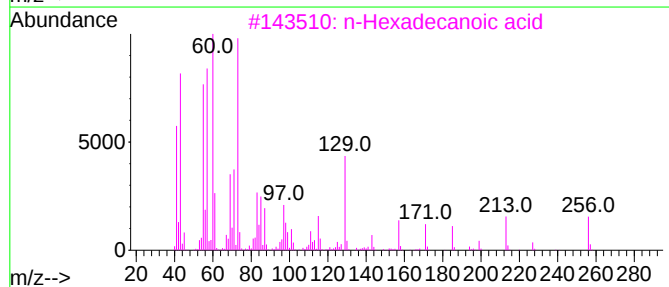
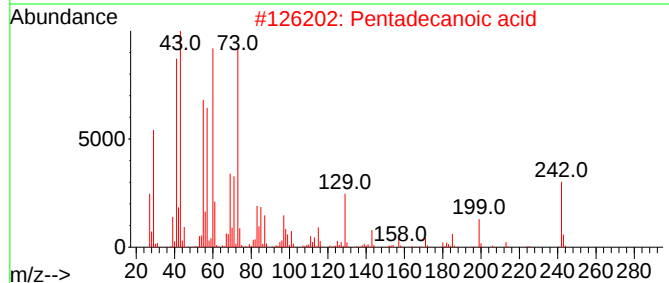
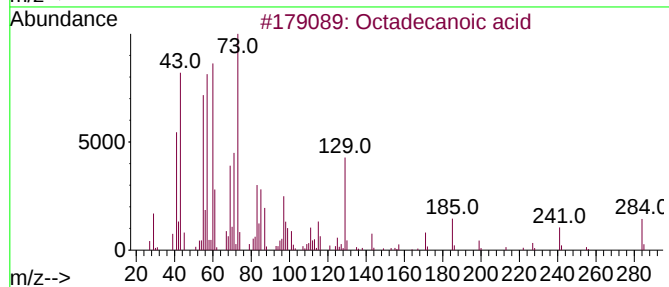
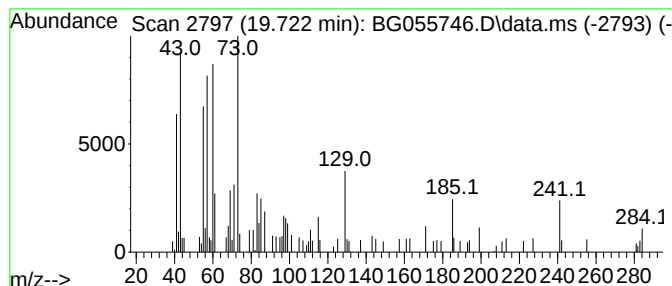
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.61 ng	86297	Phenanthrene-d10	17.606

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	58



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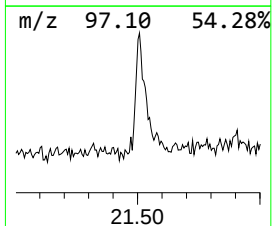
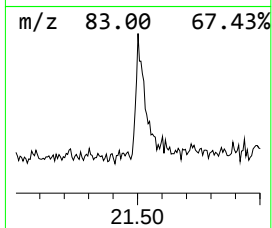
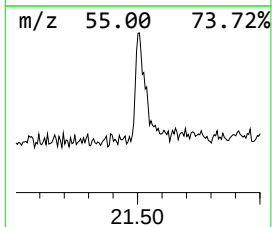
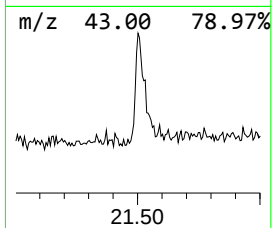
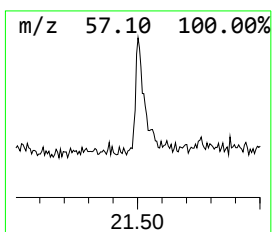
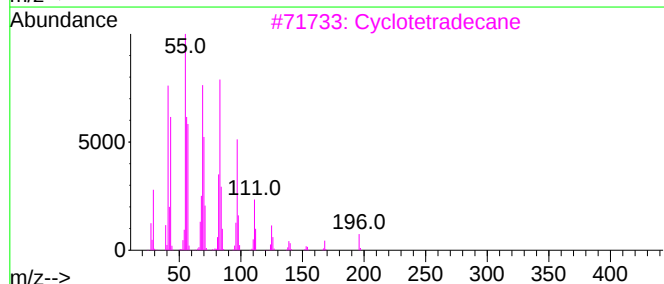
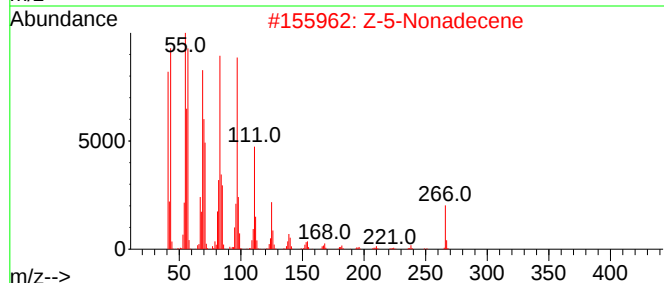
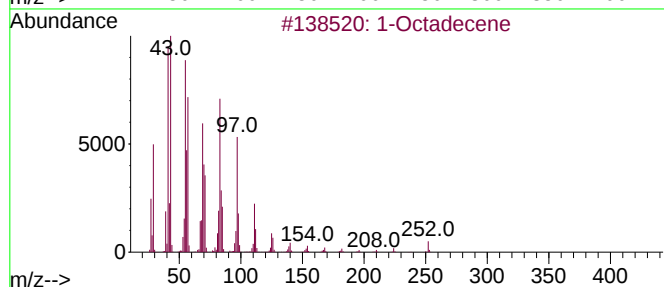
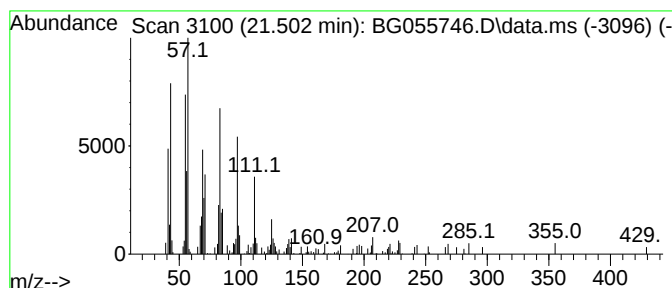
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.502	2.86 ng	104177	Chrysene-d12	21.901

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	95
2			Z-5-Nonadecene	266	C19H38	1000131-11-8	93
3			Cyclotetradecane	196	C14H28	000295-17-0	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.291	9.3	ng	103236	1	8.241	220836	20.0
Ethanol, 2-(2-b...	10.814	7.3	ng	119526	2	11.073	328653	20.0
Tridecanoic acid	18.464	4.2	ng	137574	4	17.606	660189	20.0
Octadecanoic acid	19.721	2.6	ng	86297	4	17.606	660189	20.0
1-Octadecene	21.502	2.9	ng	104177	5	21.901	729250	20.0