

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051047.D
 Acq On : 15 Nov 2021 18:43
 Operator : CG/JU
 Sample : M4674-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MF-SOIL-P2

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-BG111321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.762	379	387	398	rBV	857887	1398721	52.33%	10.161%
2	7.377	653	662	677	rBV	852552	1539062	57.58%	11.181%
3	8.223	800	806	818	rVB	137324	241754	9.04%	1.756%
4	9.398	997	1006	1015	rBV	510712	966117	36.14%	7.018%
5	10.803	1239	1245	1258	rBV	76312	147832	5.53%	1.074%
6	11.049	1280	1287	1296	rBV	190838	359571	13.45%	2.612%
7	13.476	1691	1700	1707	rBV	1320176	2089401	78.17%	15.179%
8	14.851	1927	1934	1943	rBV	339742	535660	20.04%	3.891%
9	16.337	2181	2187	2198	rBV	1087317	1681750	62.92%	12.217%
10	17.601	2396	2402	2408	rBV	440165	663226	24.81%	4.818%
11	17.706	2416	2420	2426	rVB5	21398	30902	1.16%	0.224%
12	18.447	2541	2546	2555	rBV	63032	98792	3.70%	0.718%
13	19.710	2758	2761	2769	rVB8	17016	29328	1.10%	0.213%
14	20.186	2836	2842	2848	rVB	1972942	2673040	100.00%	19.418%
15	21.490	3060	3064	3073	rVB3	69321	117852	4.41%	0.856%
16	21.896	3127	3133	3141	rBV	339889	596905	22.33%	4.336%
17	25.303	3706	3713	3724	rVB2	196486	595597	22.28%	4.327%

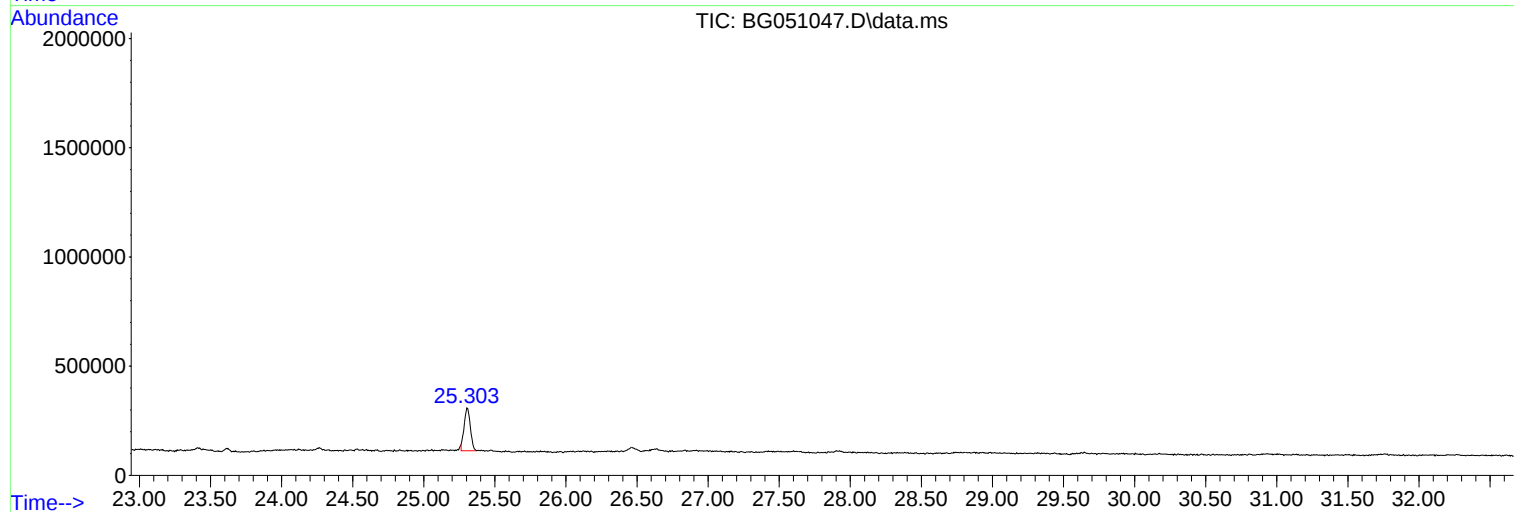
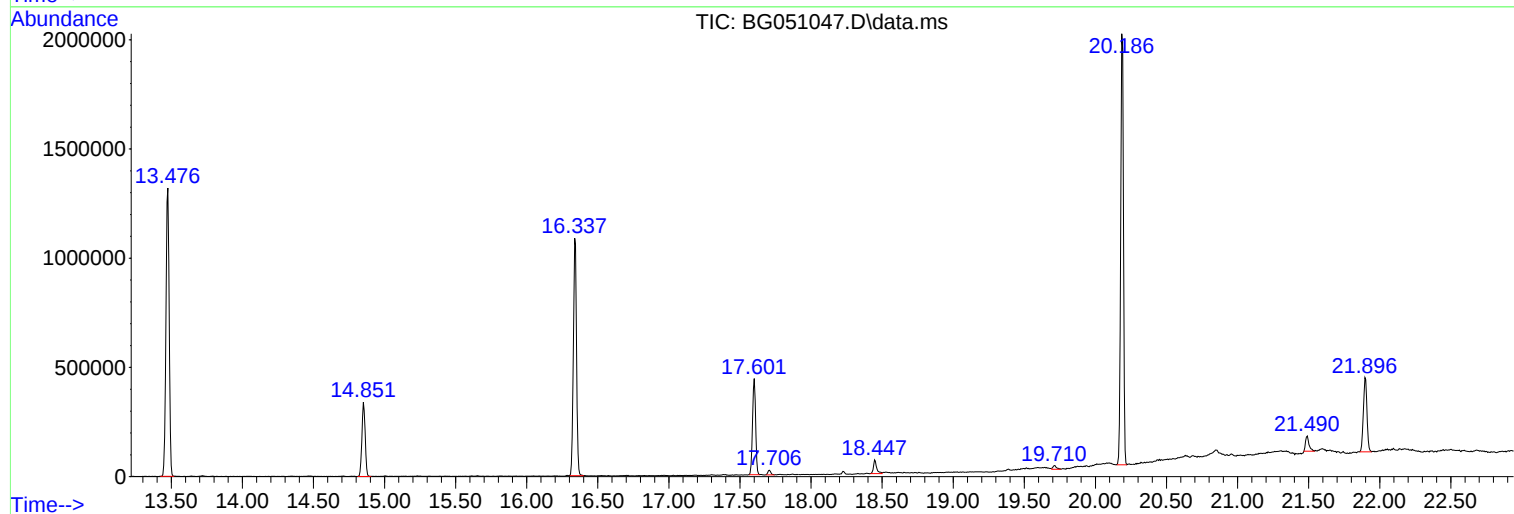
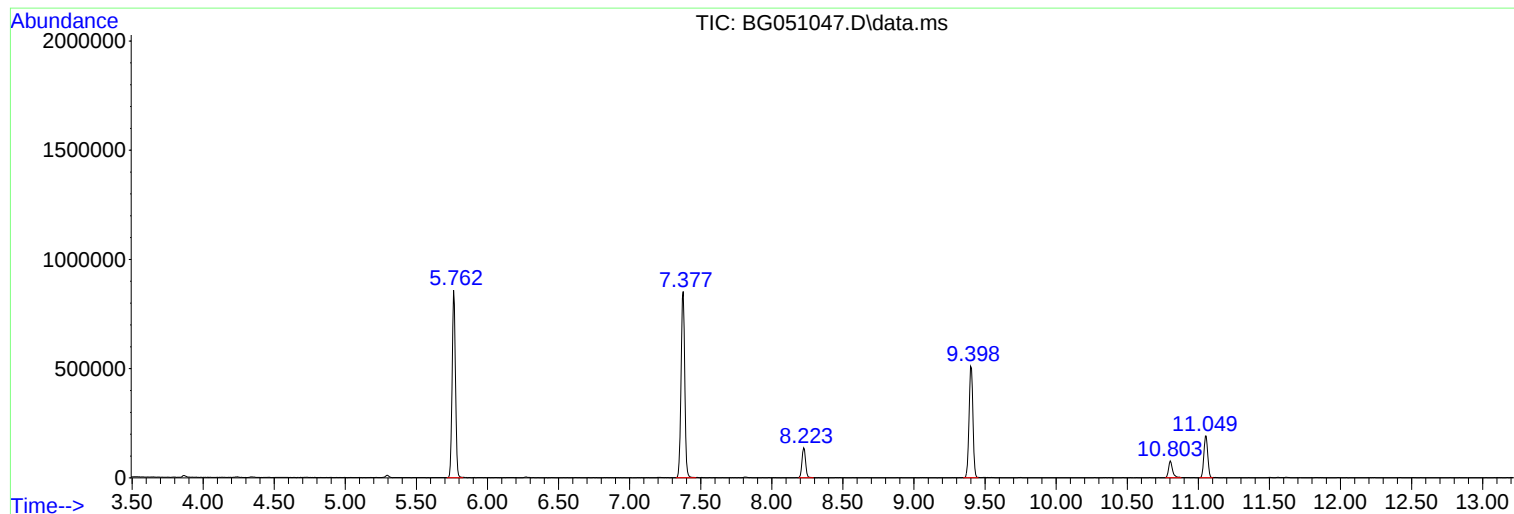
Sum of corrected areas: 13765510

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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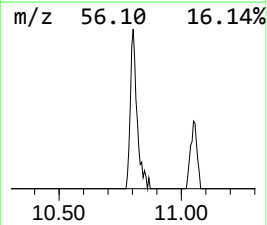
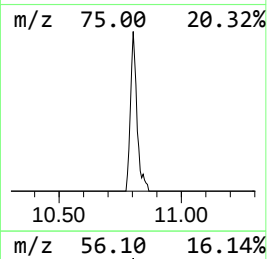
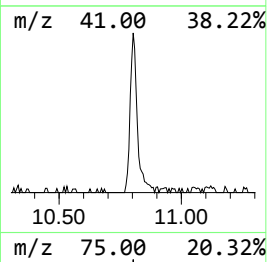
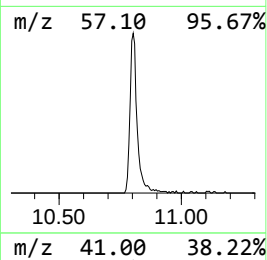
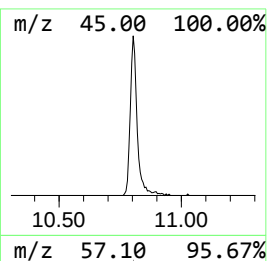
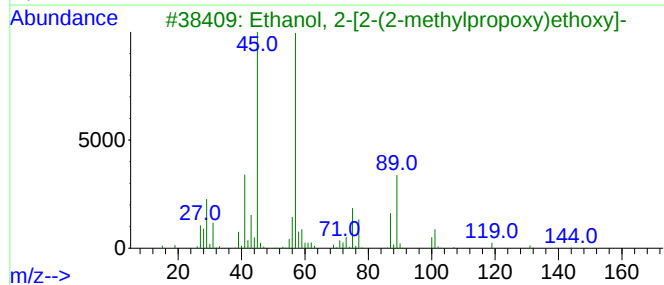
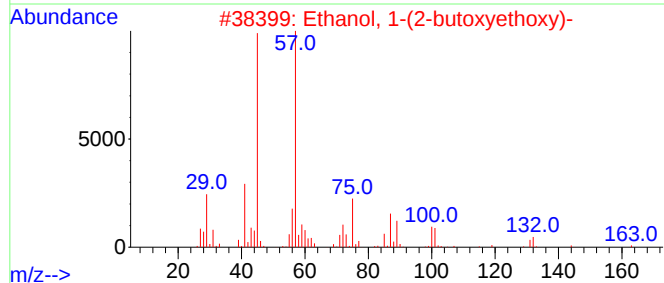
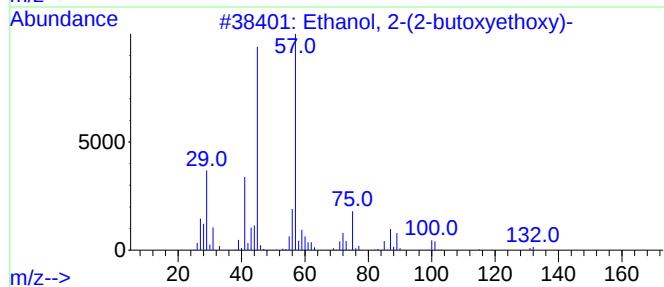
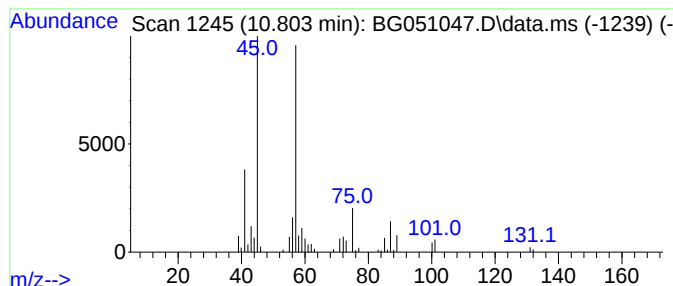
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.803	8.22 ng	147832	Naphthalene-d8	11.055

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	90
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5			Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59



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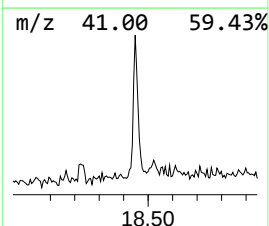
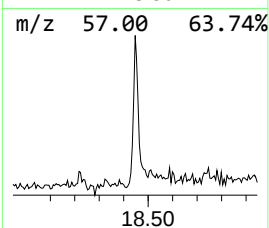
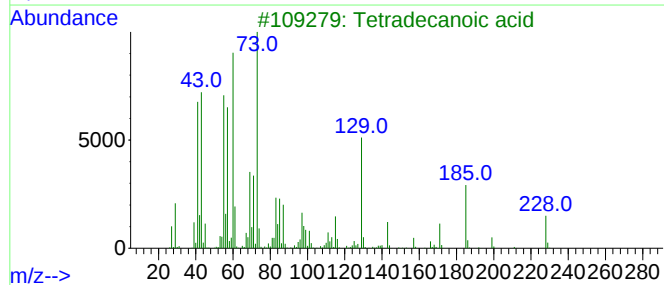
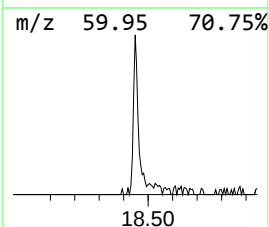
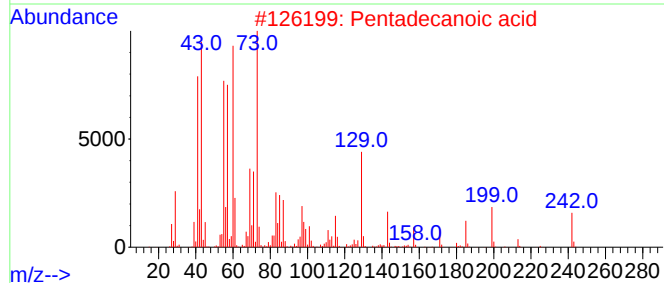
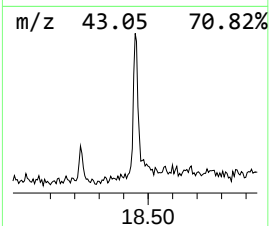
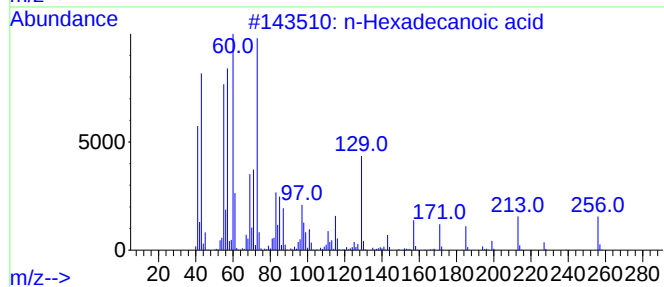
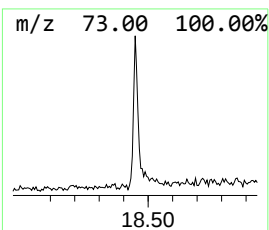
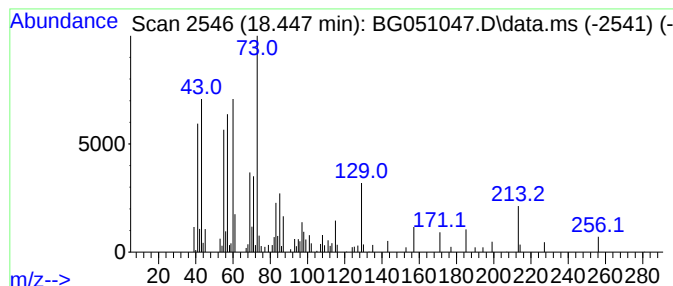
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	2.98 ng	98792	Phenanthrene-d10	17.601

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	58
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4			Tridecanoic acid	214	C13H26O2	000638-53-9	50
5			Dodecanoic acid	200	C12H24O2	000143-07-7	43



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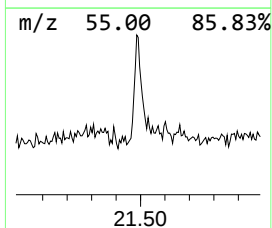
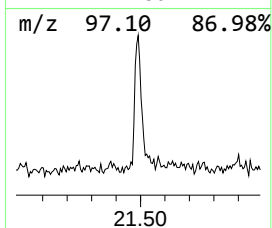
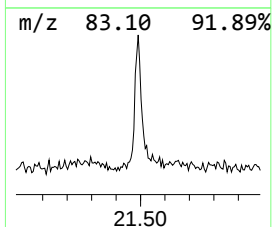
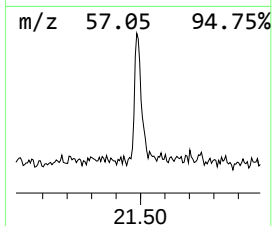
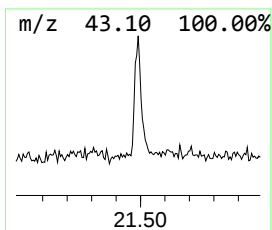
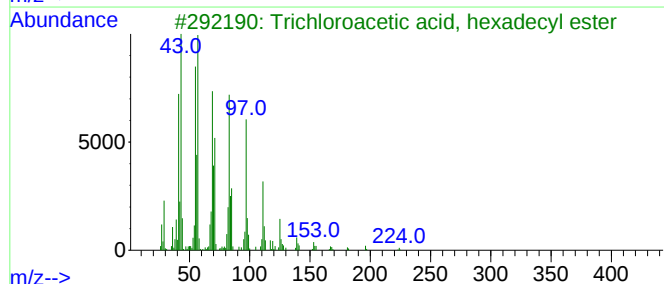
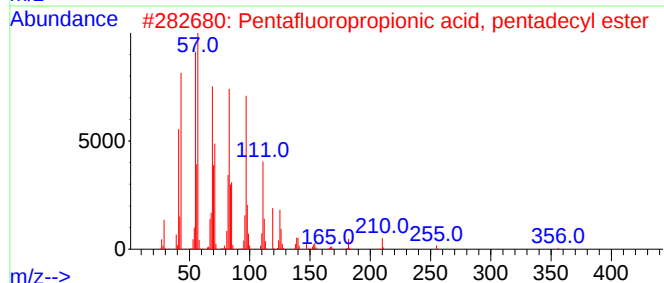
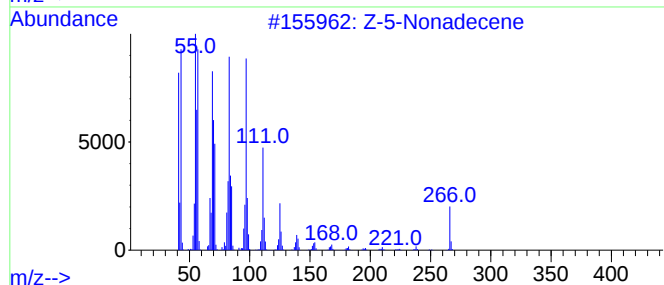
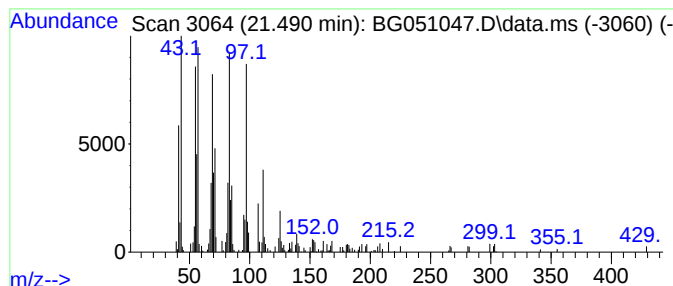
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Peak Number 3 Z-5-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.490	3.95 ng	117852	Chrysene-d12	21.896	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	1-Nonadecene	266	C19H38	018435-45-5	78
5	1-Tricosene	322	C23H46	018835-32-0	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.803	8.2	ng	147832	2	11.055	359571	20.0
n-Hexadecanoic ...	18.447	3.0	ng	98792	4	17.601	663226	20.0
Z-5-Nonadecene	21.490	4.0	ng	117852	5	21.896	596905	20.0