

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060952.D
 Acq On : 19 Apr 2024 2:04
 Operator : MA/JU
 Sample : P2151-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

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-BG041724.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.080	9	15	23	rBV8	12607	35374	1.04%	0.231%
2	3.156	24	28	40	rVB	59205	95211	2.80%	0.623%
3	5.524	424	431	443	rVB	597027	910421	26.82%	5.954%
4	7.105	692	700	708	rBV	650048	1106158	32.58%	7.234%
5	7.939	835	842	849	rBV	191892	311203	9.17%	2.035%
6	9.090	1028	1038	1046	rBV	390695	659261	19.42%	4.311%
7	10.506	1271	1279	1285	rBV	59555	97069	2.86%	0.635%
8	10.730	1308	1317	1324	rBV	237835	434597	12.80%	2.842%
9	13.192	1729	1736	1745	rBV	1140118	1741556	51.30%	11.389%
10	14.566	1961	1970	1977	rBV	484403	740152	21.80%	4.840%
11	16.053	2216	2223	2236	rBV	1150072	1728369	50.91%	11.303%
12	17.310	2430	2437	2443	rBV	682859	1048063	30.87%	6.854%
13	18.215	2587	2591	2598	rBV2	116019	174606	5.14%	1.142%
14	18.650	2661	2665	2670	rVB2	25440	34269	1.01%	0.224%
15	19.490	2804	2808	2816	rBV3	43063	68656	2.02%	0.449%
16	19.643	2831	2834	2839	rVB	34420	40557	1.19%	0.265%
17	19.937	2877	2884	2892	rBV	2664608	3394903	100.00%	22.201%
18	20.689	3009	3012	3016	rVB3	32716	36560	1.08%	0.239%
19	21.253	3103	3108	3115	rBV2	54650	101513	2.99%	0.664%
20	21.570	3156	3162	3181	rVB2	714881	1235403	36.39%	8.079%
21	23.256	3445	3449	3454	rVB4	27322	49116	1.45%	0.321%
22	24.690	3683	3693	3704	rBV	455136	1248619	36.78%	8.165%

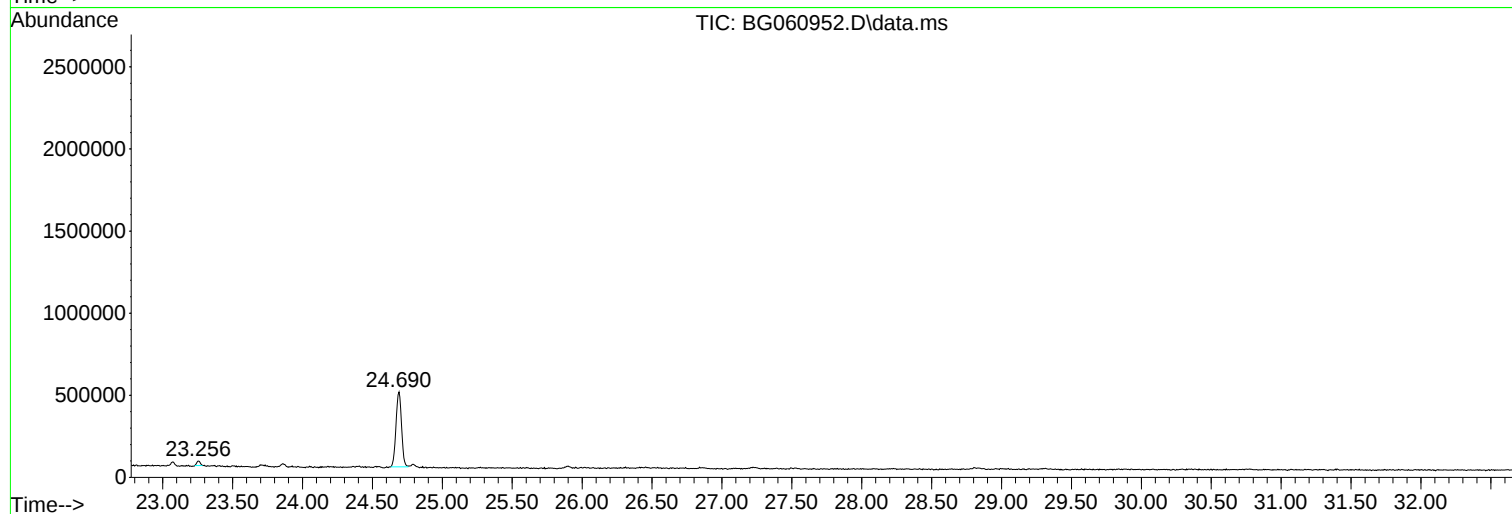
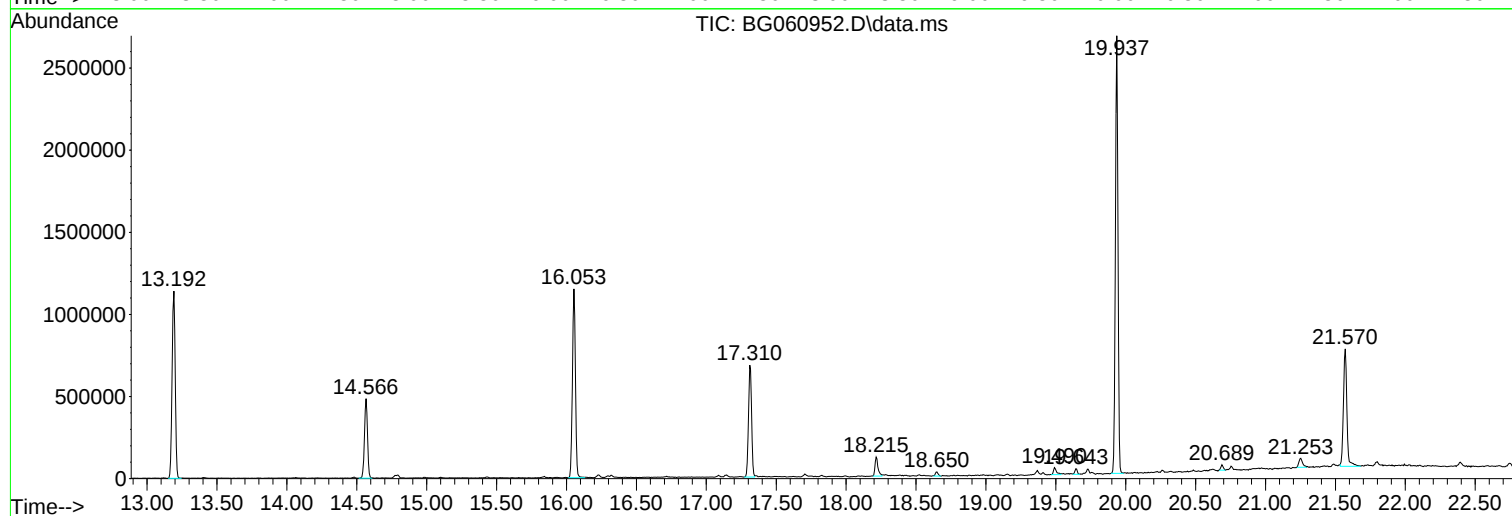
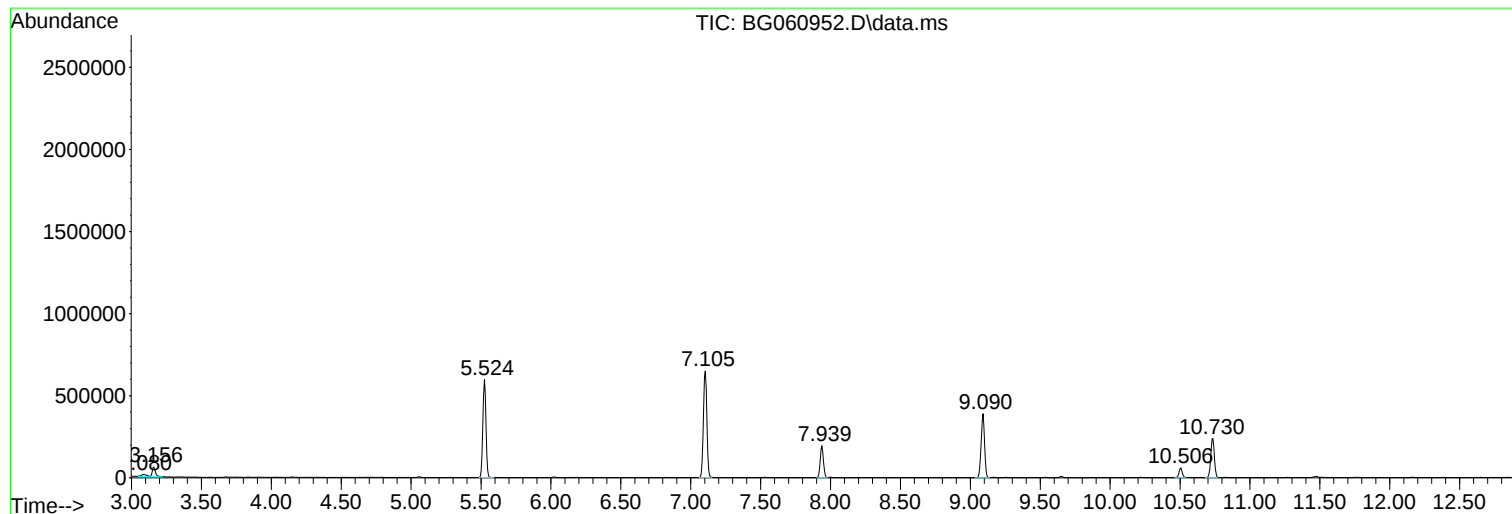
Sum of corrected areas: 15291636

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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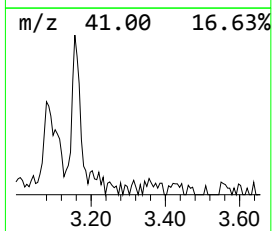
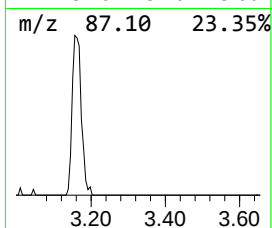
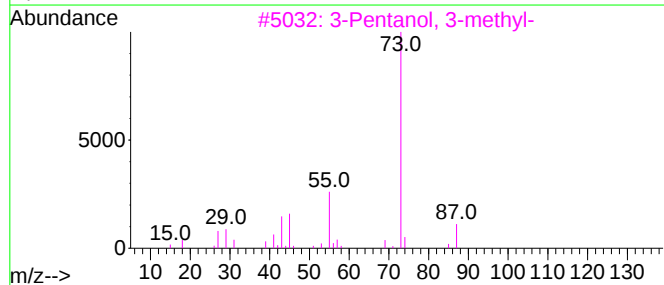
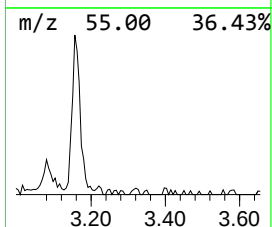
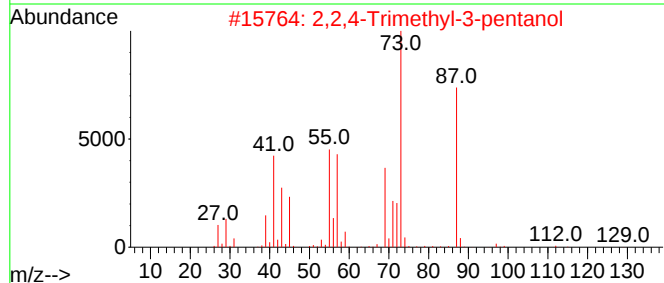
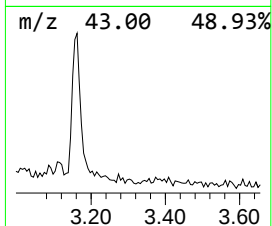
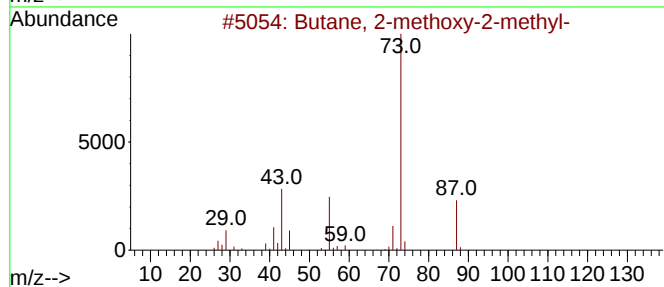
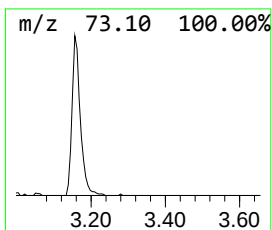
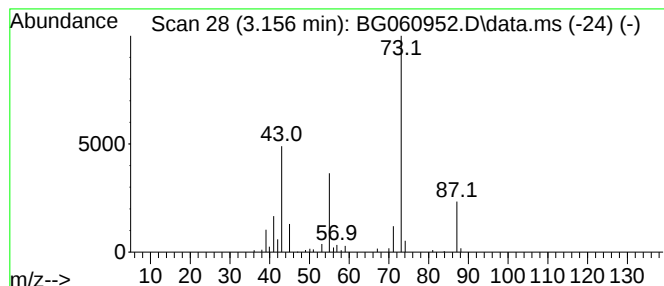
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.156	6.12 ng	95211	1,4-Dichlorobenzene-d4	7.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17



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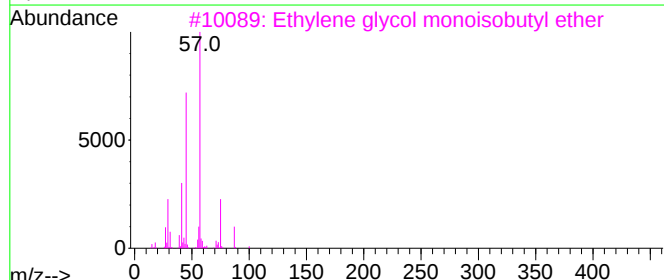
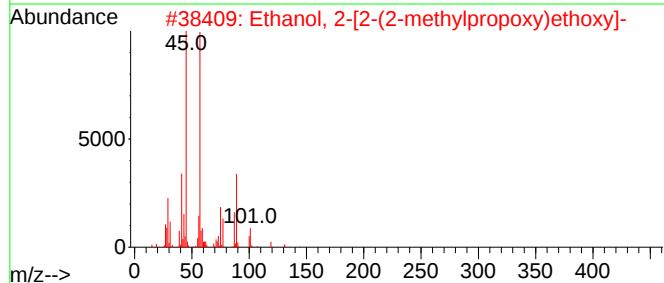
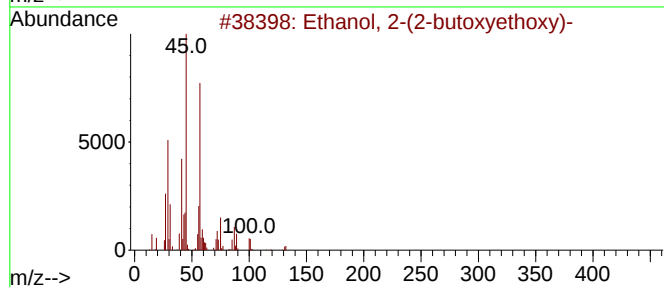
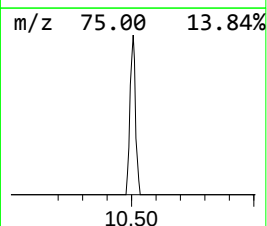
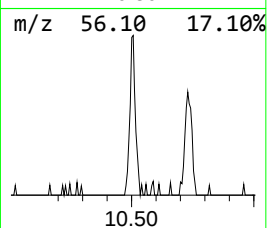
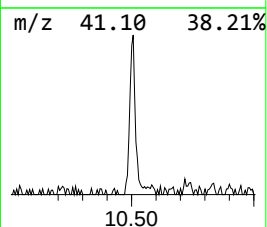
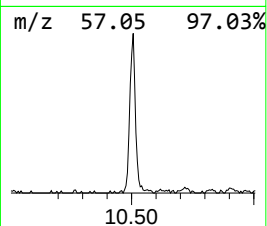
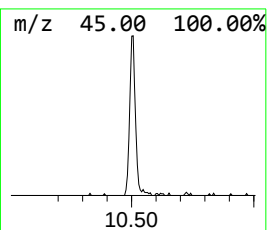
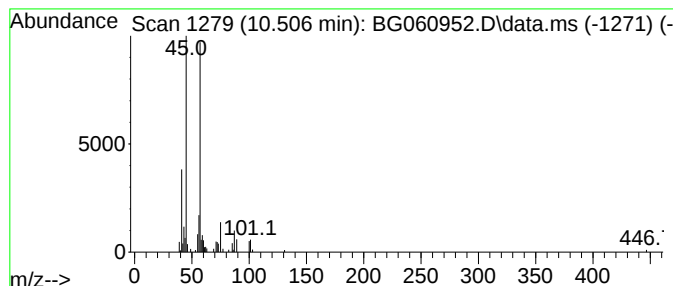
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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	4.47 ng	97069	Naphthalene-d8	10.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2			Ethanol, 2-[2-(2-methylpropoxy)ethoxy]-	162	C8H18O3	018912-80-6	56
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
4			1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	50
5			1-Butene, 4-methoxy	86	C5H10O	004696-30-4	47



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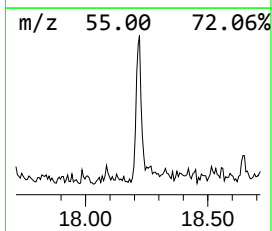
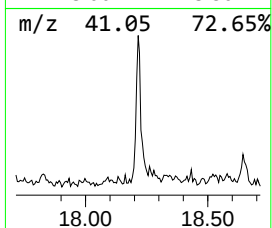
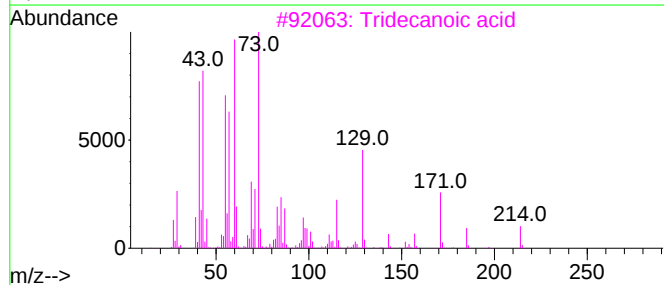
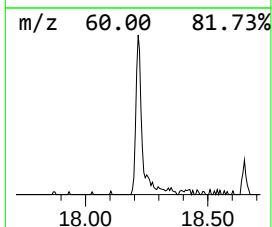
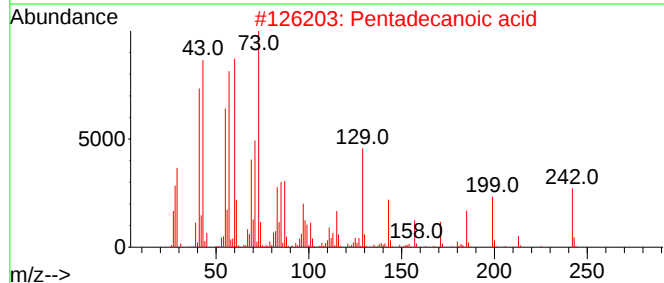
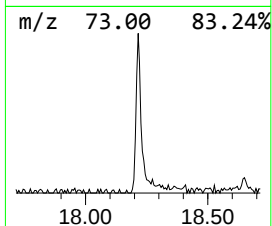
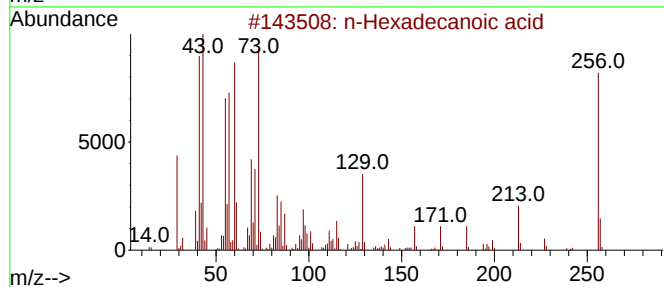
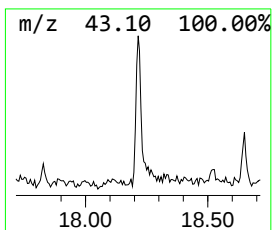
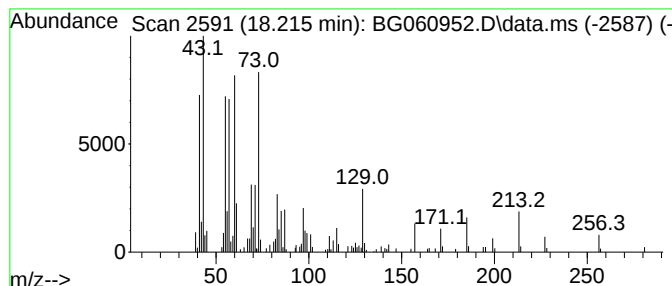
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	3.33 ng	174606	Phenanthrene-d10	17.310

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	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	59



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.156	6.1	ng	95211	1	7.939	311203	20.0
Ethanol, 2-(2-b...	10.506	4.5	ng	97069	2	10.730	434597	20.0
n-Hexadecanoic ...	18.215	3.3	ng	174606	4	17.310	1048060	20.0