

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060031.D
 Acq On : 15 Dec 2023 11:46
 Operator : MA/JU
 Sample : 05827-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-13.5-14.5

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-BG121323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060031.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	21	rVB	305175	439909	4.61%	1.411%
2	5.526	408	415	426	rBV	1503952	2288960	23.98%	7.343%
3	7.113	676	685	693	rBV	1255696	2059366	21.57%	6.607%
4	7.959	822	829	836	rVB	222229	375467	3.93%	1.205%
5	9.116	1018	1026	1035	rVB	740847	1261385	13.21%	4.047%
6	10.761	1298	1306	1315	rVB	302915	527873	5.53%	1.693%
7	13.217	1716	1724	1732	rBV	2485080	3745155	39.23%	12.015%
8	14.592	1951	1958	1965	rVB	538352	809607	8.48%	2.597%
9	16.079	2204	2211	2226	rBV	2531269	3829780	40.12%	12.286%
10	17.342	2419	2426	2432	rBV	881147	1263147	13.23%	4.052%
11	18.229	2573	2577	2588	rBV2	200387	319555	3.35%	1.025%
12	19.510	2790	2795	2800	rBV3	85252	129667	1.36%	0.416%
13	19.962	2865	2872	2878	rBV	7148746	9546005	100.00%	30.625%
14	21.261	3089	3093	3103	rVB2	179015	273686	2.87%	0.878%
15	21.607	3146	3152	3163	rBV2	1168233	1984477	20.79%	6.366%
16	24.804	3684	3696	3715	rBV2	749759	2185829	22.90%	7.012%
17	26.120	3908	3920	3926	rBV2	34473	130922	1.37%	0.420%

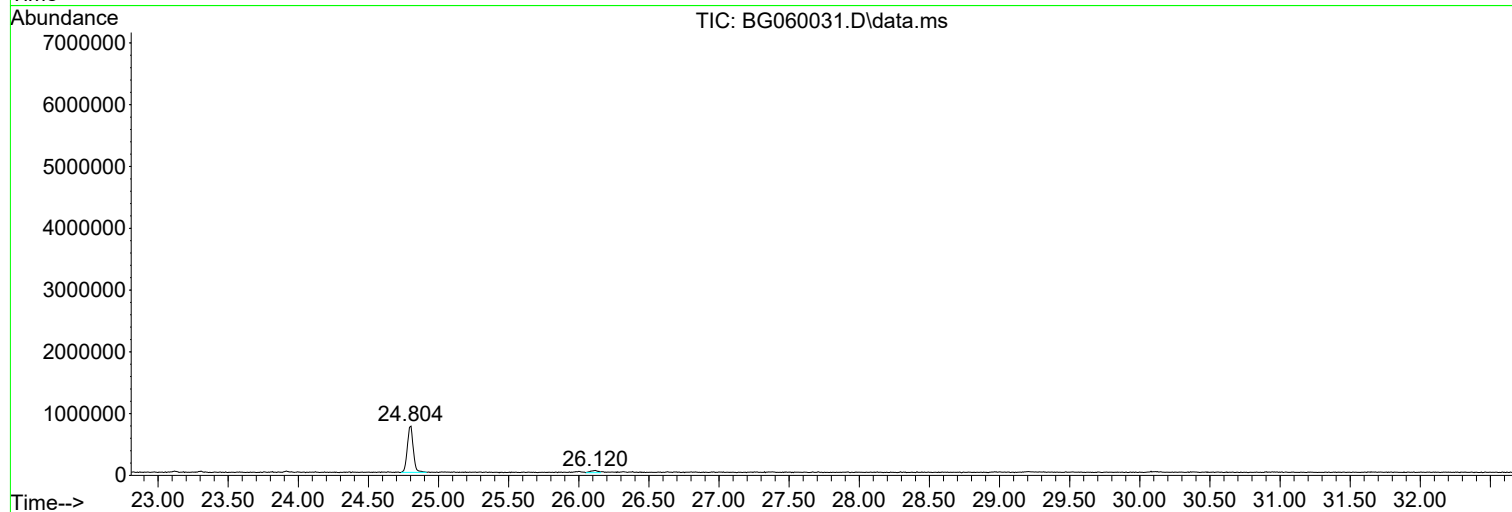
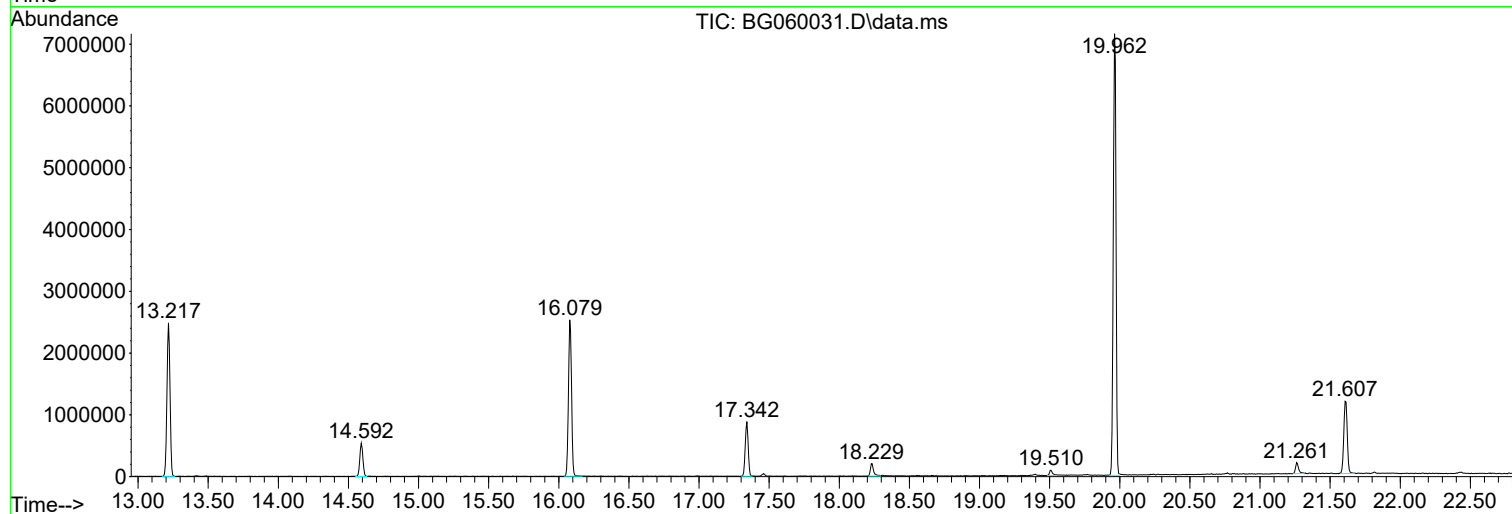
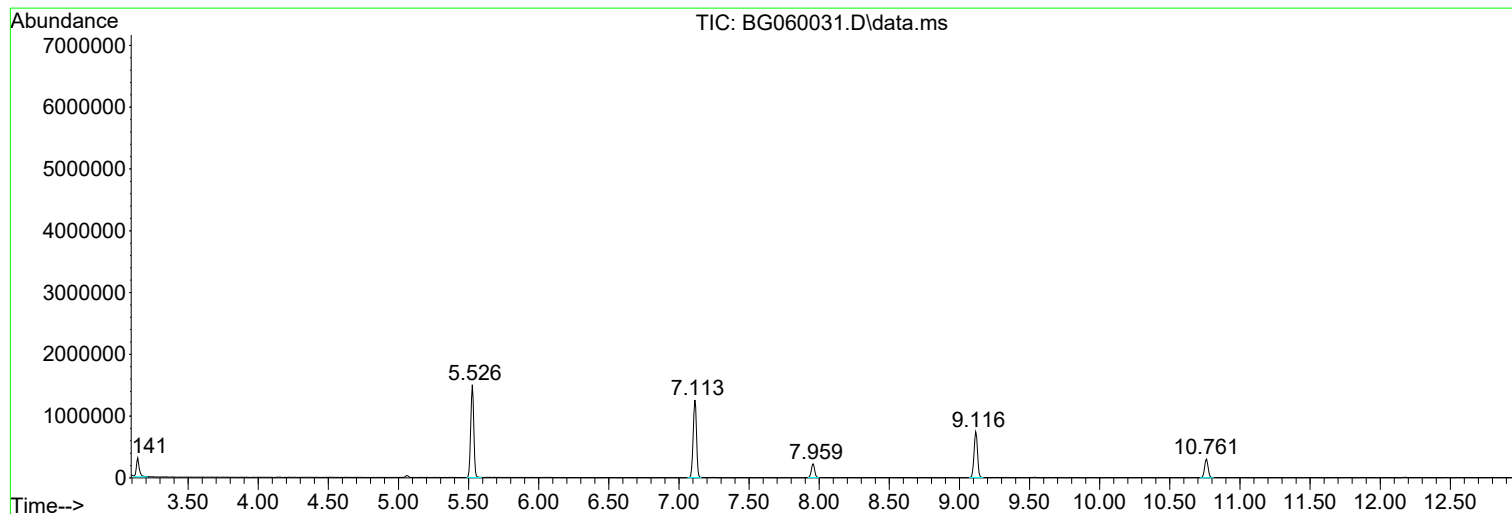
Sum of corrected areas: 31170790

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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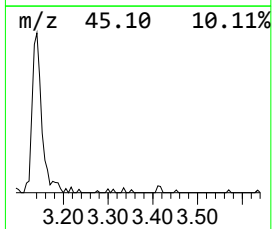
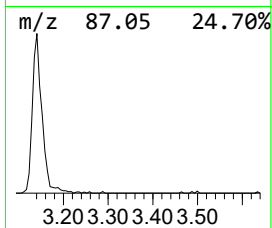
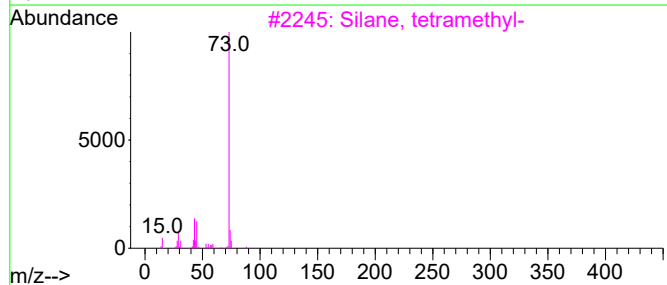
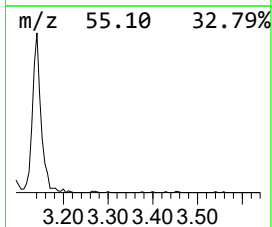
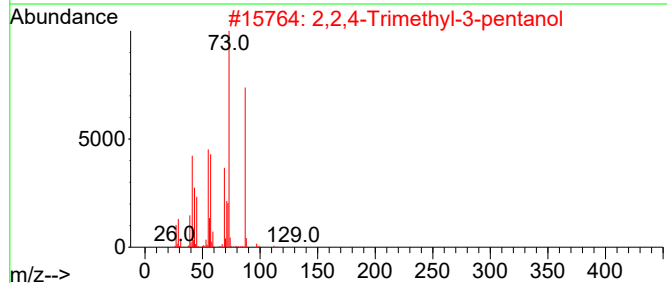
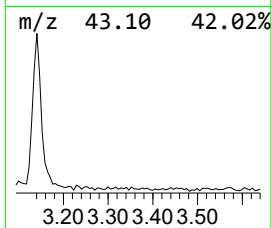
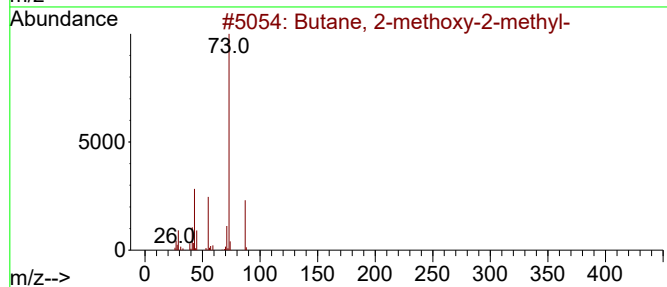
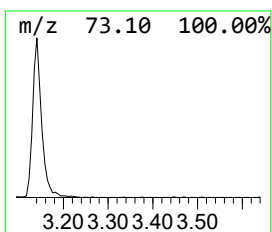
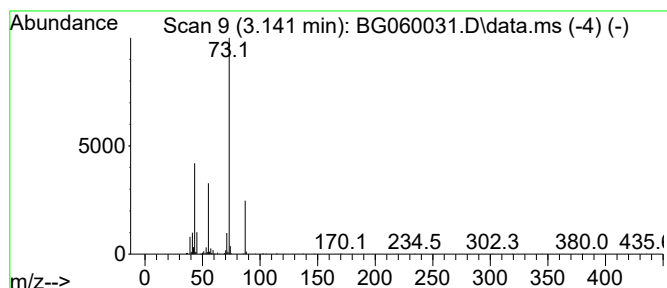
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.141	23.43 ng	439909	1,4-Dichlorobenzene-d4	7.959

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			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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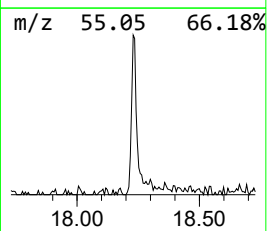
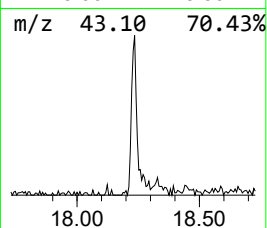
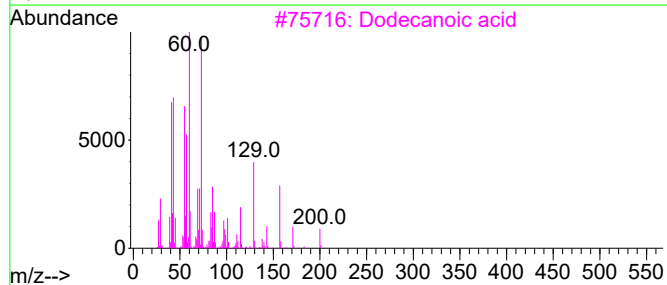
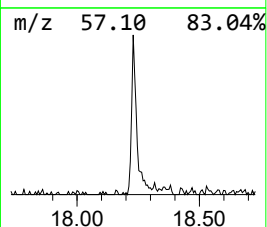
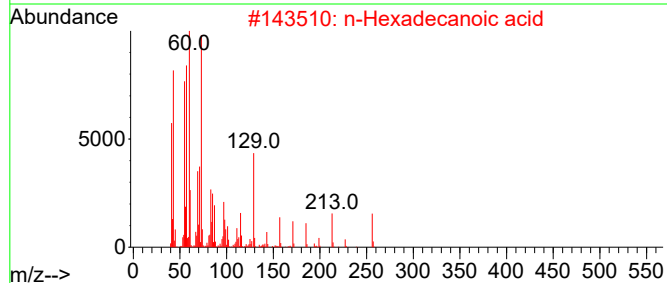
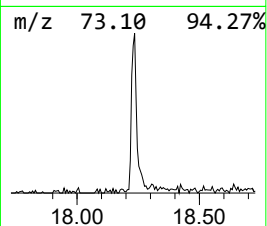
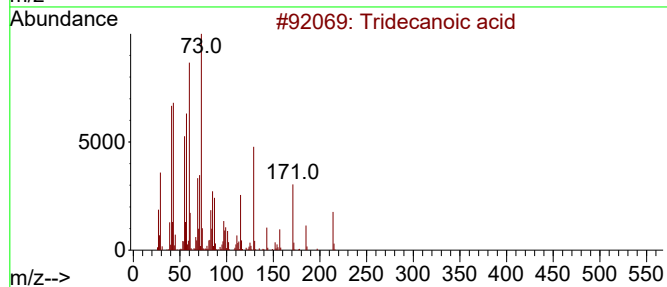
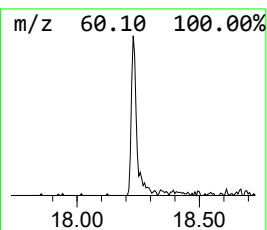
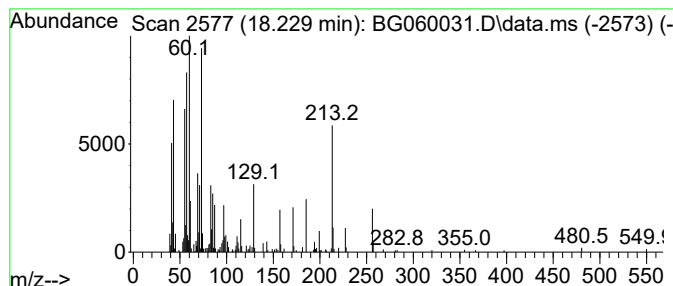
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.229	5.06 ng	319555	Phenanthrene-d10	17.342

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	90
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3			Dodecanoic acid	200	C12H24O2	000143-07-7	38
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5			Nonanoic acid	158	C9H18O2	000112-05-0	27



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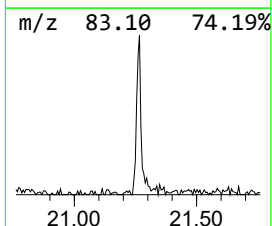
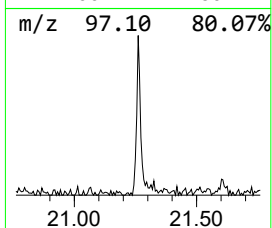
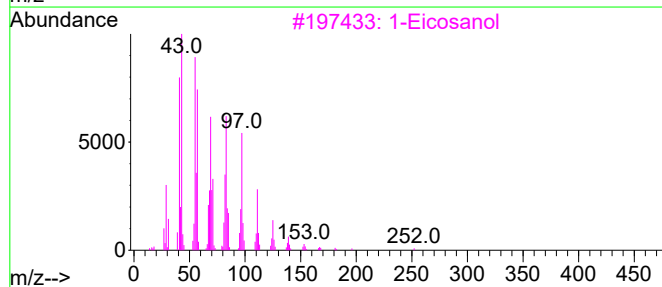
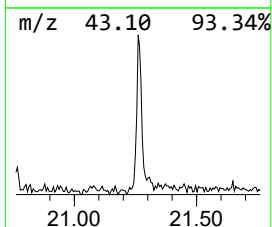
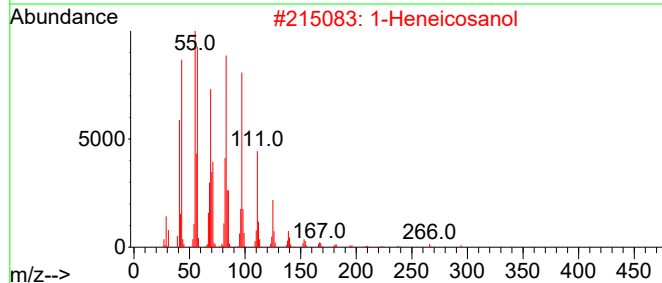
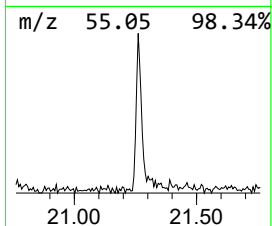
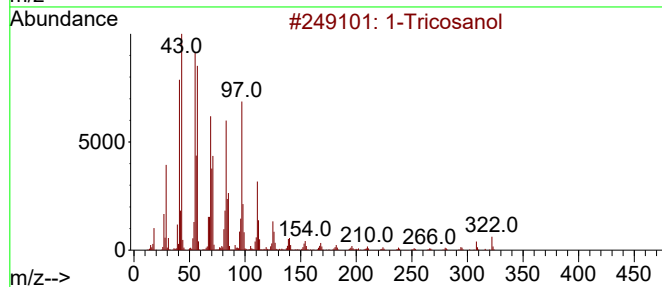
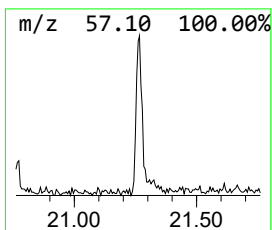
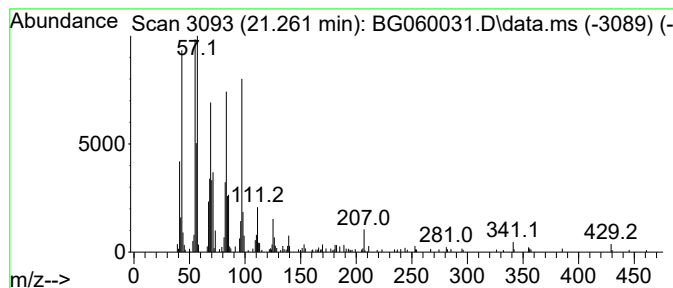
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Peak Number 3 1-Tricosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.261	2.76 ng	273686	Chrysene-d12	21.607

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosanol	340	C23H48O	003133-01-5	87	
2	1-Heneicosanol	312	C21H44O	015594-90-8	87	
3	1-Eicosanol	298	C20H42O	000629-96-9	83	
4	Behenic alcohol	326	C22H46O	000661-19-8	83	
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	83	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.141	23.4	ng	439909	1	7.959	375467	20.0
Tridecanoic acid	18.229	5.1	ng	319555	4	17.342	1263150	20.0
1-Tricosanol	21.261	2.8	ng	273686	5	21.607	1984480	20.0