

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
 Data File : BG061142.D
 Acq On : 8 May 2024 15:05
 Operator : MA/JU
 Sample : P2404-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOP-SOIL-3

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-BG043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061142.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.159	23	29	41	rVB	160061	277654	24.51%	4.157%
2	3.676	113	117	121	rBV	8307	11414	1.01%	0.171%
3	5.527	426	432	442	rVB	296239	466651	41.19%	6.987%
4	7.113	694	702	715	rBV	304694	529617	46.75%	7.930%
5	7.936	836	842	849	rBV	99452	158142	13.96%	2.368%
6	9.087	1031	1038	1047	rBV	185958	329300	29.07%	4.931%
7	10.727	1310	1317	1324	rBV	125707	216345	19.10%	3.239%
8	13.183	1726	1735	1743	rBV	494185	748609	66.08%	11.209%
9	14.563	1959	1970	1977	rBV	204742	309290	27.30%	4.631%
10	14.775	1998	2006	2012	rVB5	8575	19740	1.74%	0.296%
11	16.056	2217	2224	2234	rBV	439236	696928	61.51%	10.435%
12	17.313	2431	2438	2442	rBV	251581	384460	33.93%	5.756%
13	17.354	2442	2445	2451	rVB	22447	30109	2.66%	0.451%
14	18.212	2585	2591	2600	rBV5	33186	57931	5.11%	0.867%
15	19.364	2783	2787	2793	rBV	70788	103945	9.17%	1.556%
16	19.487	2805	2808	2813	rBV6	11834	13399	1.18%	0.201%
17	19.728	2839	2849	2858	rBV	63656	130932	11.56%	1.960%
18	19.928	2878	2883	2889	rBV	868112	1132946	100.00%	16.964%
19	20.615	2998	3000	3006	rVB5	14215	20114	1.78%	0.301%
20	21.238	3103	3106	3111	rBV5	36933	59463	5.25%	0.890%
21	21.567	3154	3162	3168	rBV2	267815	496155	43.79%	7.429%
22	24.699	3685	3695	3706	rBV2	153866	485576	42.86%	7.270%

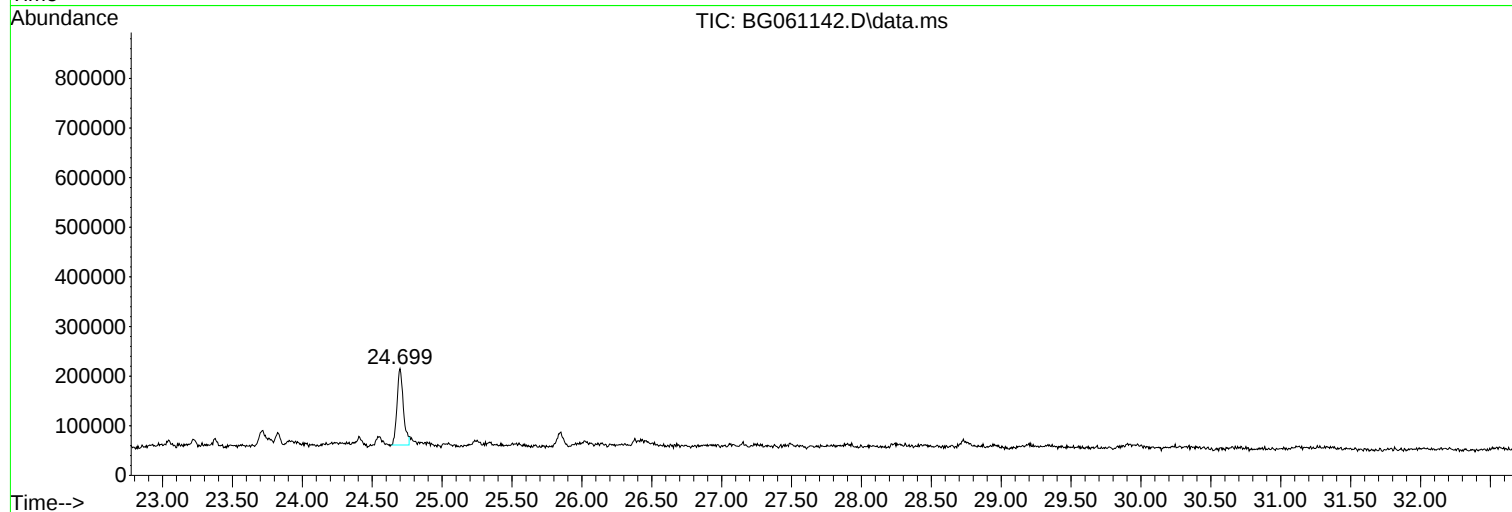
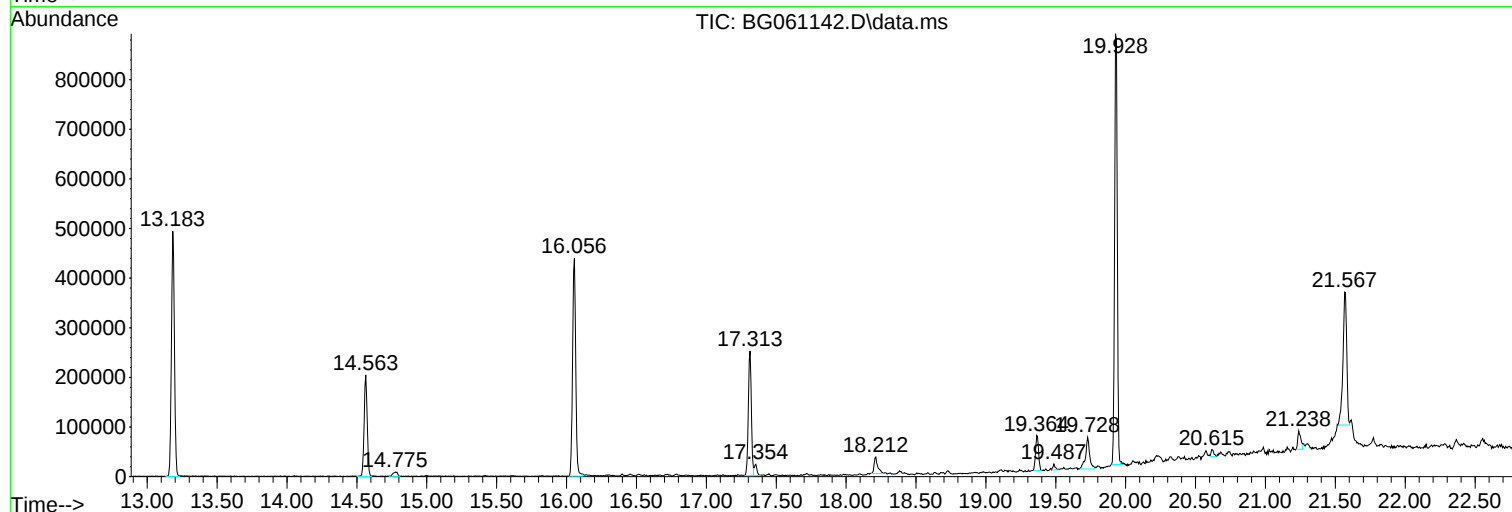
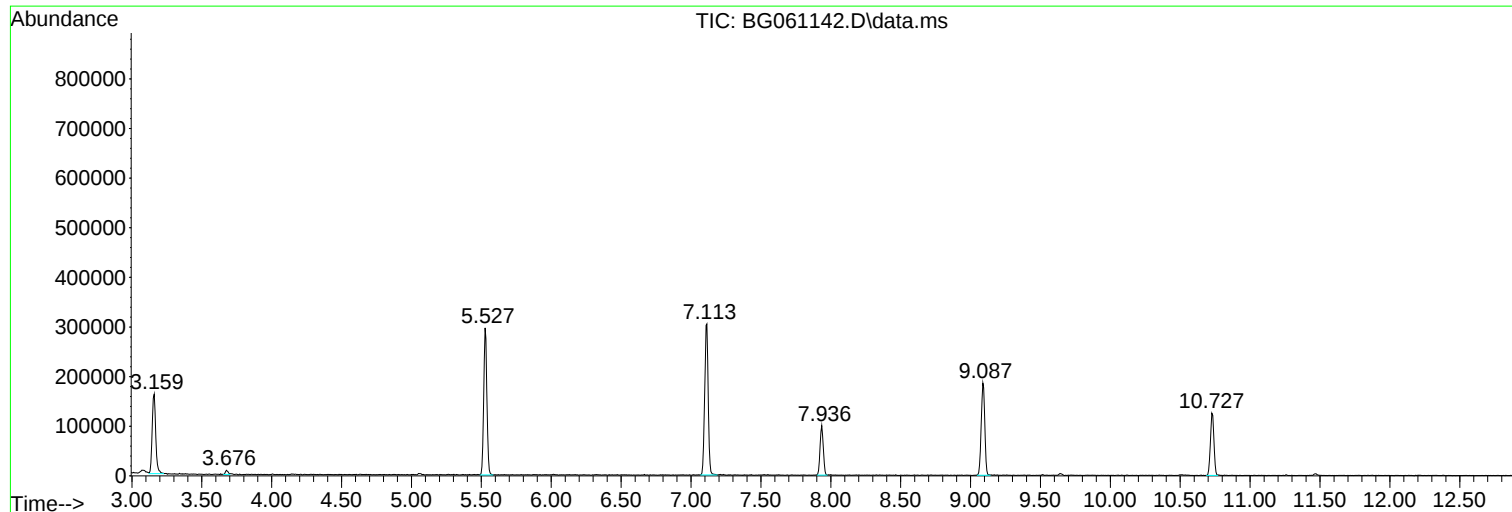
Sum of corrected areas: 6678720

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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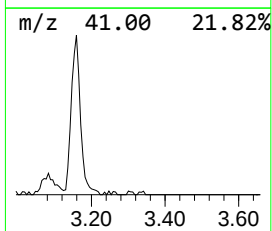
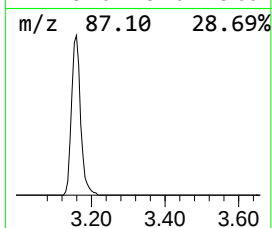
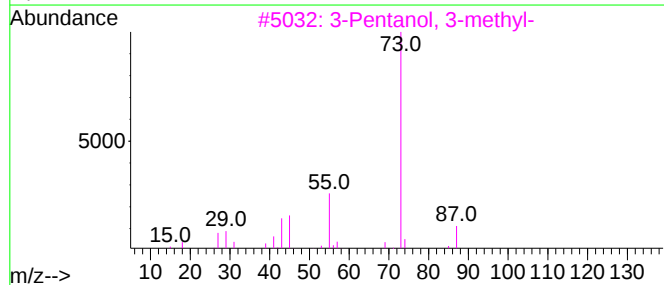
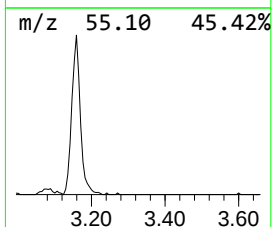
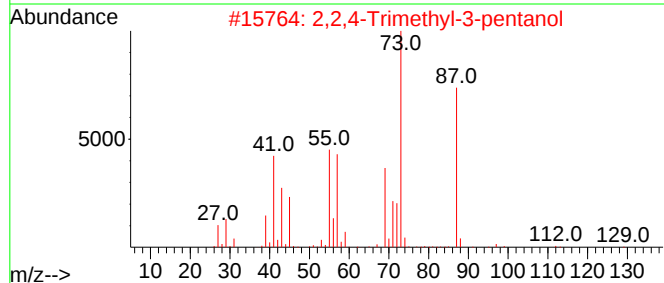
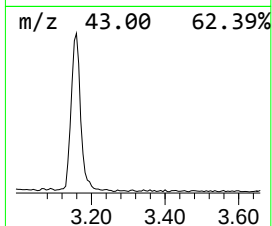
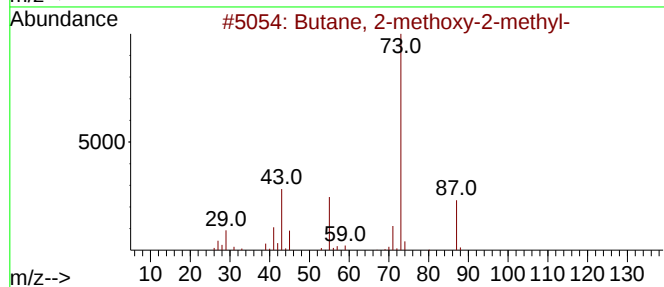
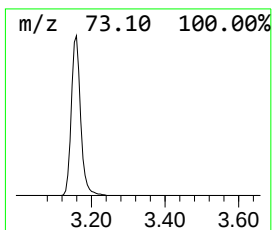
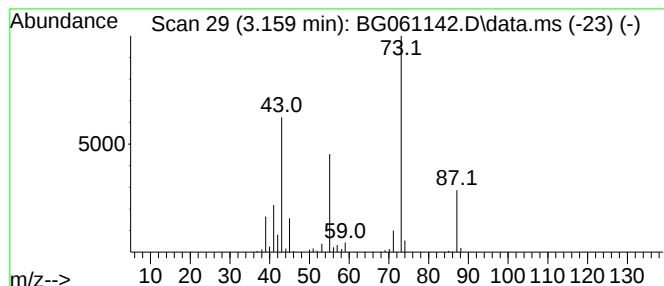
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.159	35.11 ng	277654	1,4-Dichlorobenzene-d4	7.936

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	39
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	36
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17



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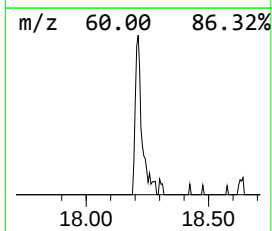
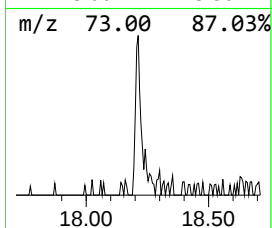
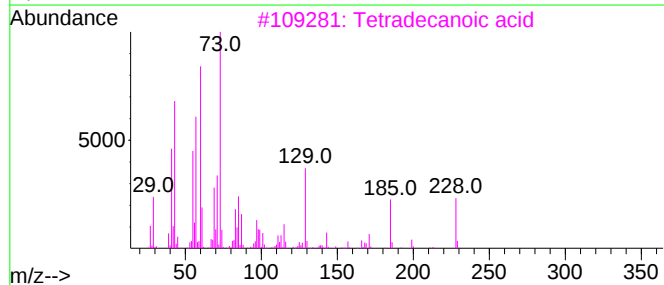
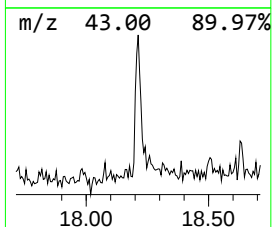
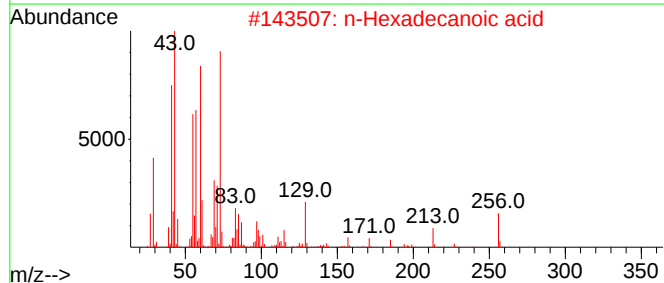
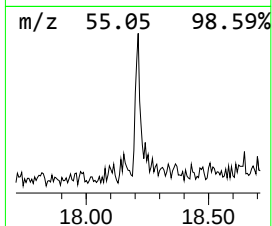
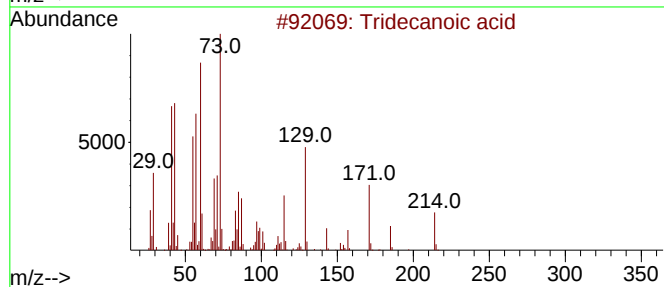
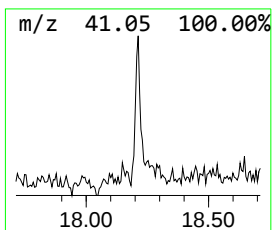
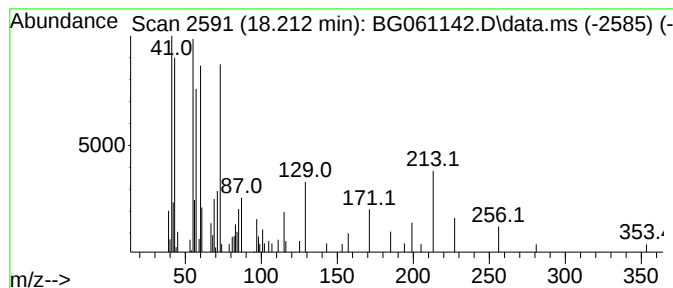
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	3.01 ng	57931	Phenanthrene-d10	17.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	64
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4			Undecanoic acid	186	C11H22O2	000112-37-8	52
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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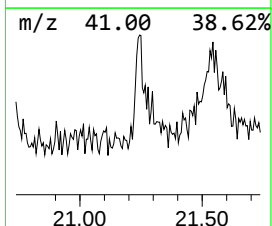
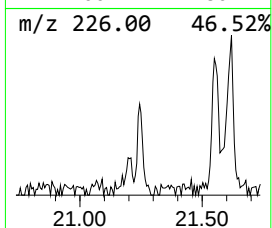
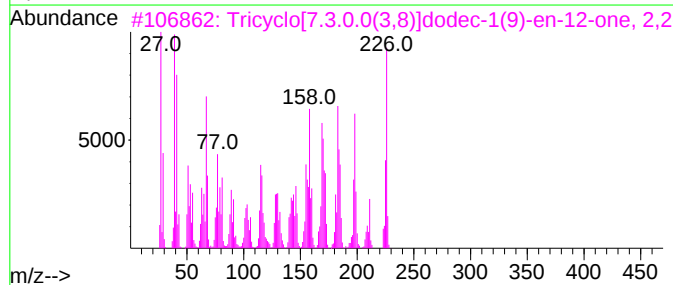
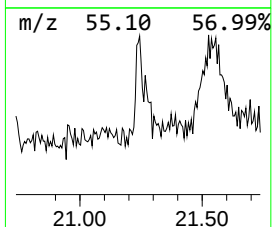
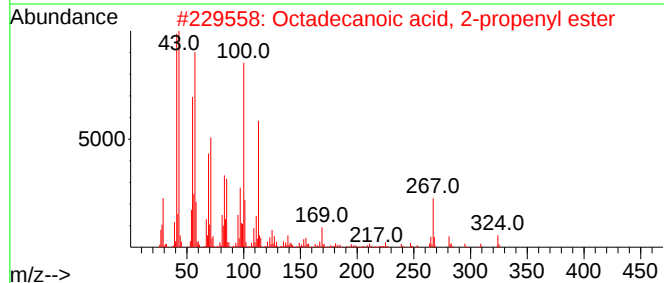
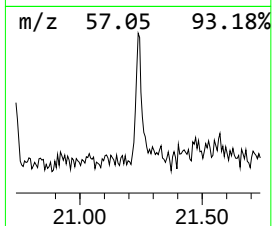
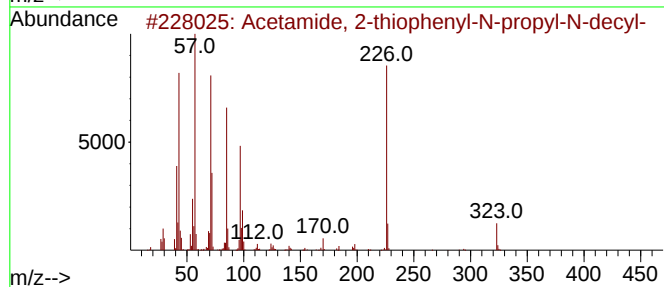
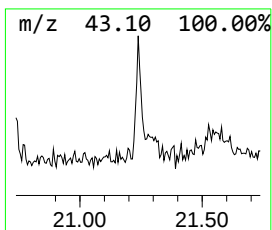
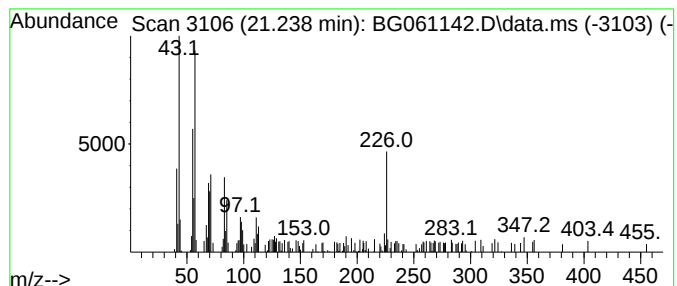
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown21.238 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.238	2.40 ng	59463	Chrysene-d12	21.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, 2-thiophenyl-N-propyl...	323	C19H33NOS	1000437-58-2	27
2			Octadecanoic acid, 2-propenyl ester	324	C21H40O2	006289-31-2	25
3			Tricyclo[7.3.0.0(3,8)]dodec-1(9)...	226	C14H14N2O	1000160-53-8	16
4			tert-Butyl 2-ethyl-3-oxo-2,8-dia...	282	C15H26N2O3	1000443-38-0	16
5			2-Aminopent-4-enoic acid, N-octy...	327	C18H33NO4	1000393-15-0	16



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.159	35.1	ng	277654	1	7.936	158142	20.0
Tridecanoic acid	18.212	3.0	ng	57931	4	17.313	384460	20.0
unknown21.238	21.238	2.4	ng	59463	5	21.573	496155	20.0