

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024326.D
 Acq On : 17 Apr 2025 14:40
 Operator : RC/JU
 Sample : Q1821-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-CUTTING

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_P\Methods\8270E-BP041425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024326.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	301	306	317	rBV	464966	652468	6.67%	1.304%
2	5.346	377	384	393	rBV	3098279	4478359	45.77%	8.949%
3	6.905	641	649	670	rBV	2772475	4524198	46.24%	9.040%
4	7.722	781	788	796	rBV	800481	1212836	12.40%	2.424%
5	8.863	972	982	994	rBV	1750007	2910784	29.75%	5.816%
6	9.428	1071	1078	1092	rBV	54162	110079	1.13%	0.220%
7	10.498	1252	1260	1273	rBV	938123	1626110	16.62%	3.249%
8	12.957	1672	1678	1698	rBV	4269531	6360875	65.02%	12.710%
9	14.351	1907	1915	1924	rBV	1182800	2003424	20.48%	4.003%
10	15.734	2144	2150	2157	rBV	1118827	1448185	14.80%	2.894%
11	15.863	2165	2172	2190	rBV	3202663	4784577	48.90%	9.561%
12	16.310	2243	2248	2259	rVB	98817	141065	1.44%	0.282%
13	17.151	2384	2391	2398	rBV	1513623	2327899	23.79%	4.652%
14	18.092	2545	2551	2567	rBV2	307489	709461	7.25%	1.418%
15	19.286	2749	2754	2763	rBV	81773	165899	1.70%	0.332%
16	19.422	2774	2777	2787	rBV3	78438	154506	1.58%	0.309%
17	19.880	2849	2855	2863	rBV	7580071	9783530	100.00%	19.550%
18	21.604	3141	3148	3153	rBV	1913966	3193426	32.64%	6.381%
19	24.951	3708	3717	3730	rVB	1301621	3456694	35.33%	6.907%

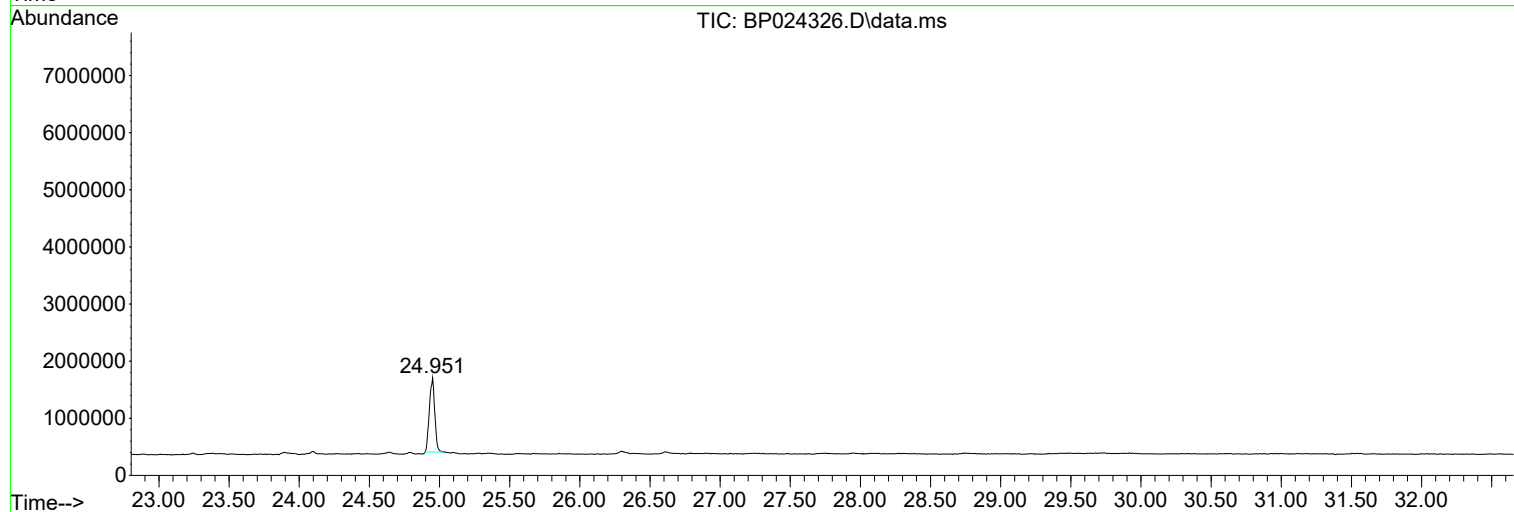
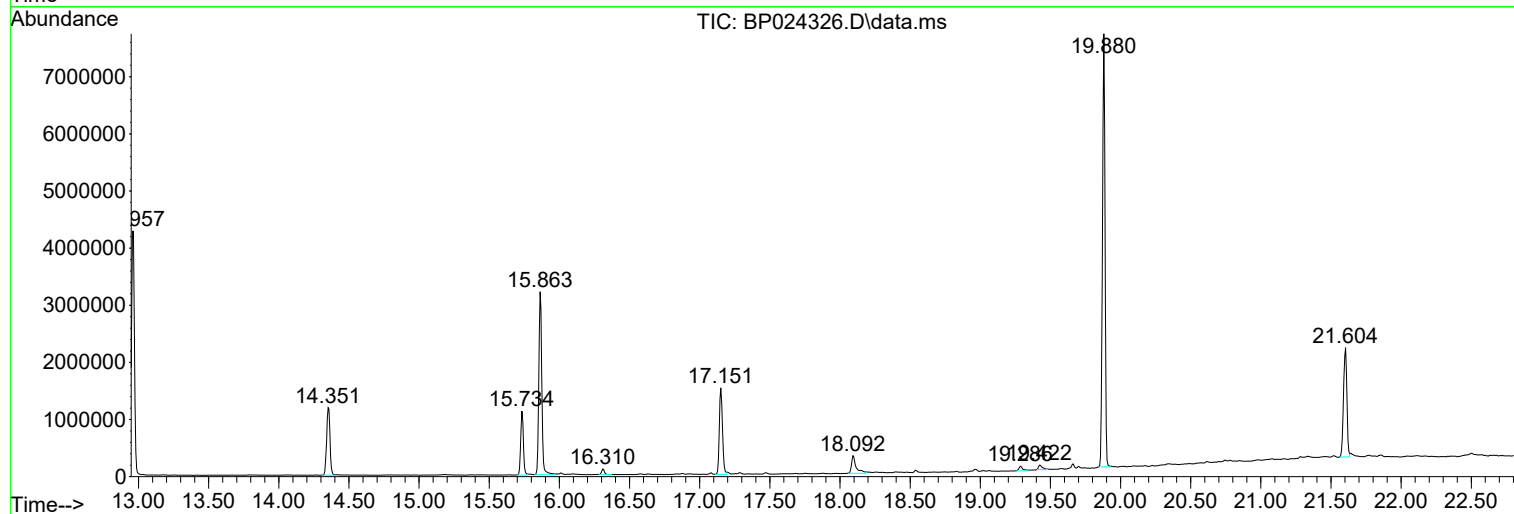
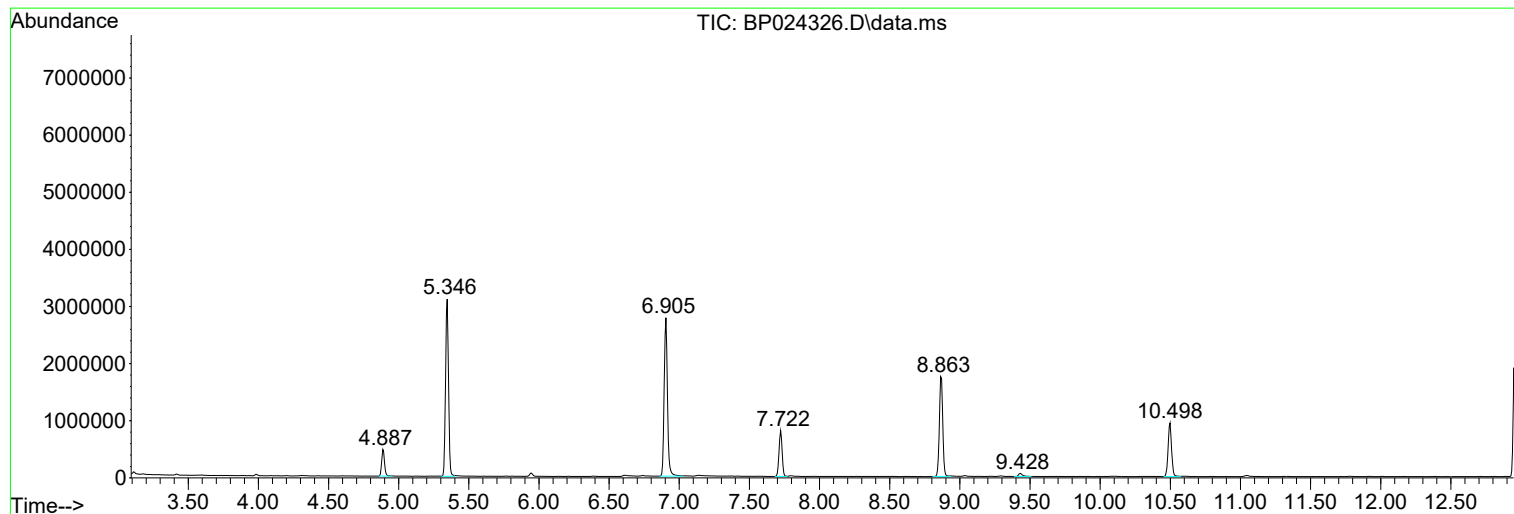
Sum of corrected areas: 50044375

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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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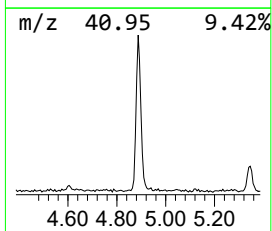
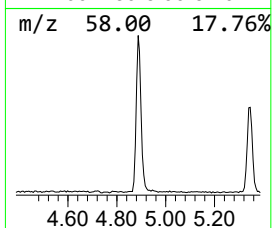
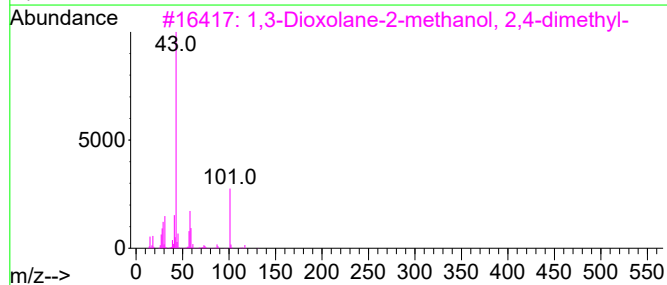
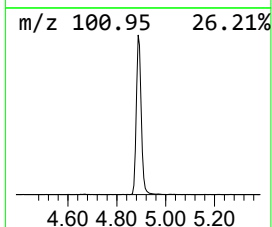
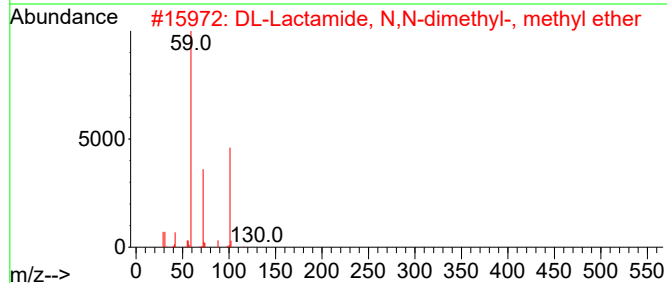
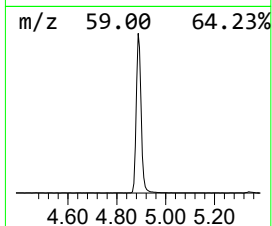
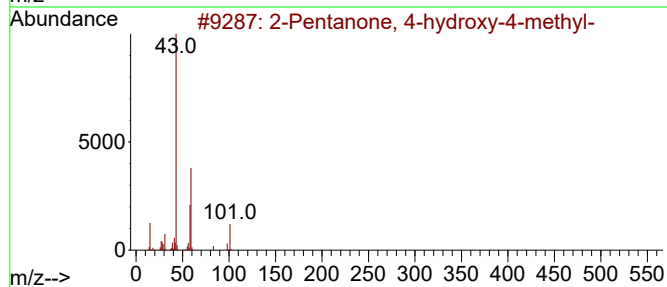
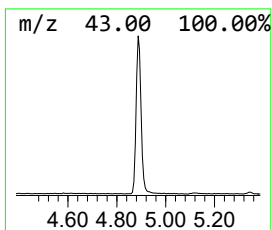
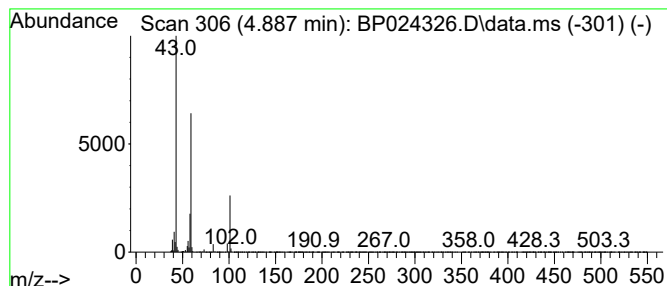
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	10.76 ng	652468	1,4-Dichlorobenzene-d4	7.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	28
3			1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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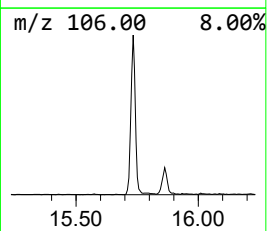
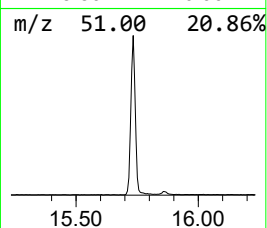
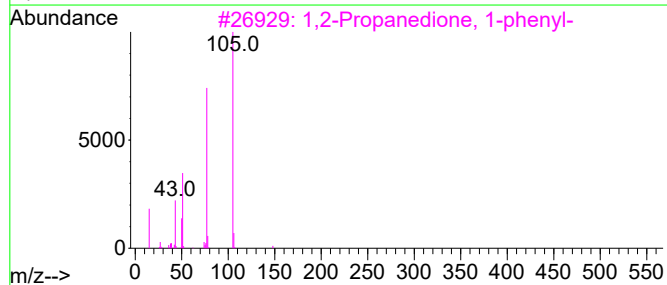
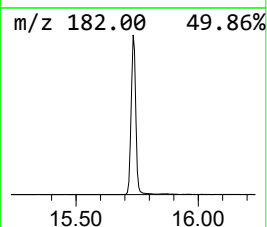
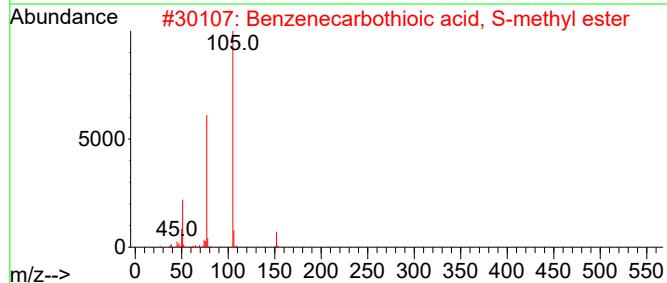
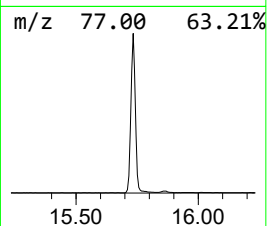
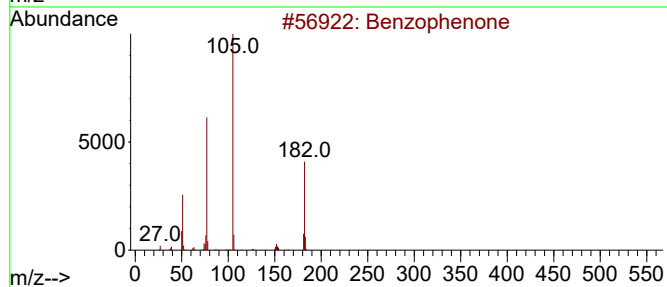
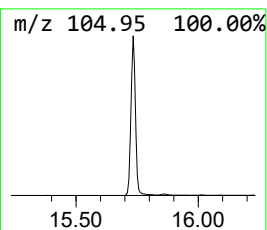
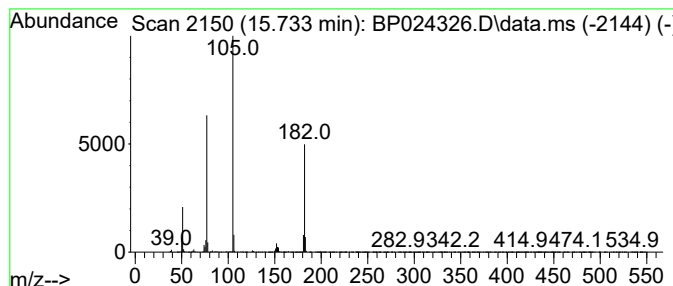
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	14.46 ng	1448190	Acenaphthene-d10	14.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5			S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47



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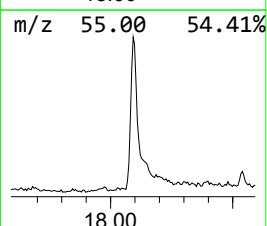
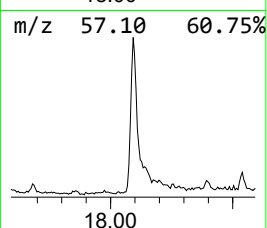
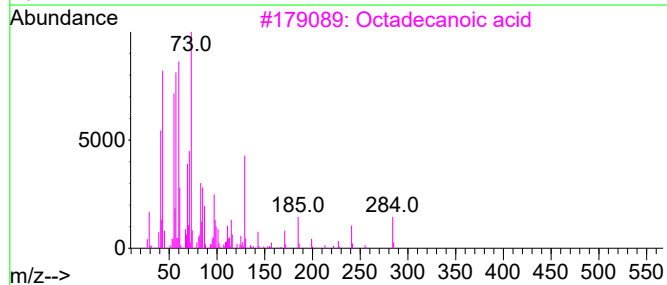
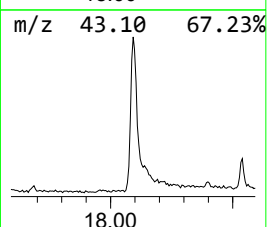
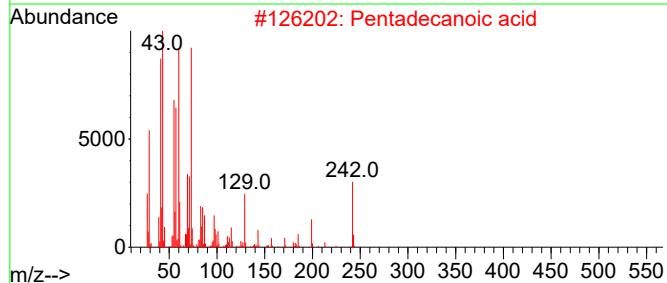
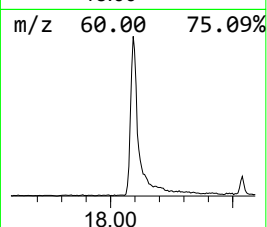
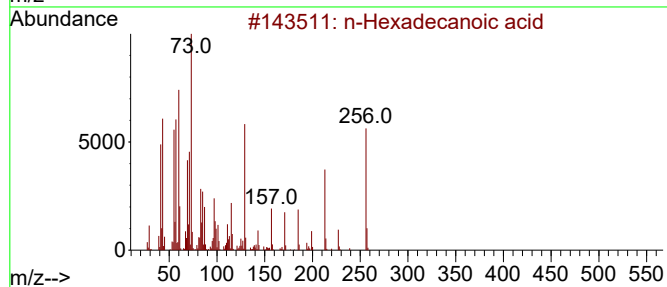
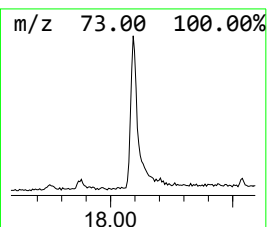
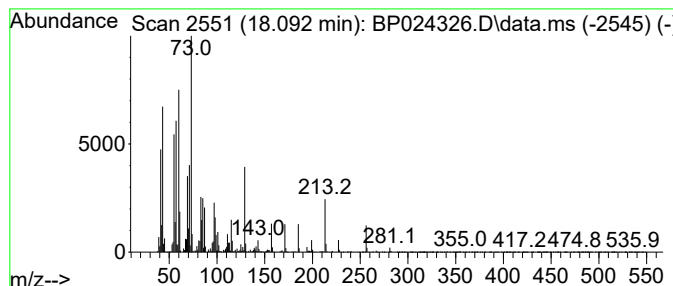
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	6.10 ng	709461	Phenanthrene-d10	17.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Octadecanoic acid	284	C18H36O2	000057-11-4	81
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.887	10.8	ng	652468	1	7.722	1212840	20.0
Benzophenone	15.733	14.5	ng	1448190	3	14.351	2003420	20.0
n-Hexadecanoic ...	18.092	6.1	ng	709461	4	17.151	2327900	20.0