LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010122.D
Acq On : 23 May 2017 02:59
Operator : SJ/MA
Sample : I3222-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX-17

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:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	334	339	350	rBV	238193	347192	3.54%	0.700%
2	5.540	411	417	427	rBV	2694611	3930457	40.07%	7.920%
3	7.151	683	691	703	rBV	2433152	3910172	39.86%	7.879%
4	7.504	743	751	761	rBV	2555922	4111766	41.92%	8.285%
5	7.963	822	829	842	rBV	527019	857494	8.74%	1.728%
6	8.281	876	883	892	rBV	2001353	3206663	32.69%	6.462%
7	9.145	1022	1030	1044	rBV	1328903	2292009	23.37%	4.619%
8	10.769	1299	1306	1314	rVB	605438	1013384	10.33%	2.042%
9	13.216	1715	1722	1730	rBV	3953766	5407067	55.12%	10.896%
10	14.051	1857	1864	1872	rBV	343104	484599	4.94%	0.976%
11	14.592	1950	1956	1966	rVB2	911525	1380156	14.07%	2.781%
12	16.080	2203	2209	2224	rBV	3192451	4556603	46.45%	9.182%
13	17.339	2416	2423	2433	rBV	1288523	1809237	18.44%	3.646%
14	18.186	2562	2567	2578	rBV2	207499	328345	3.35%	0.662%
15	19.456	2779	2783	2790	rBV3	124636	197720	2.02%	0.398%
16	19.939	2859	2865	2875	rBV	8106410	9808969	100.00%	19.766%
17	21.497	3125	3130	3135	rBV	2206978	2827454	28.83%	5.697%
18	23.862	3526	3532	3541	rVB	1644998	3157136	32.19%	6.362%

Sum of corrected areas: 49626423

LSC Report - Integrated Chromatogram

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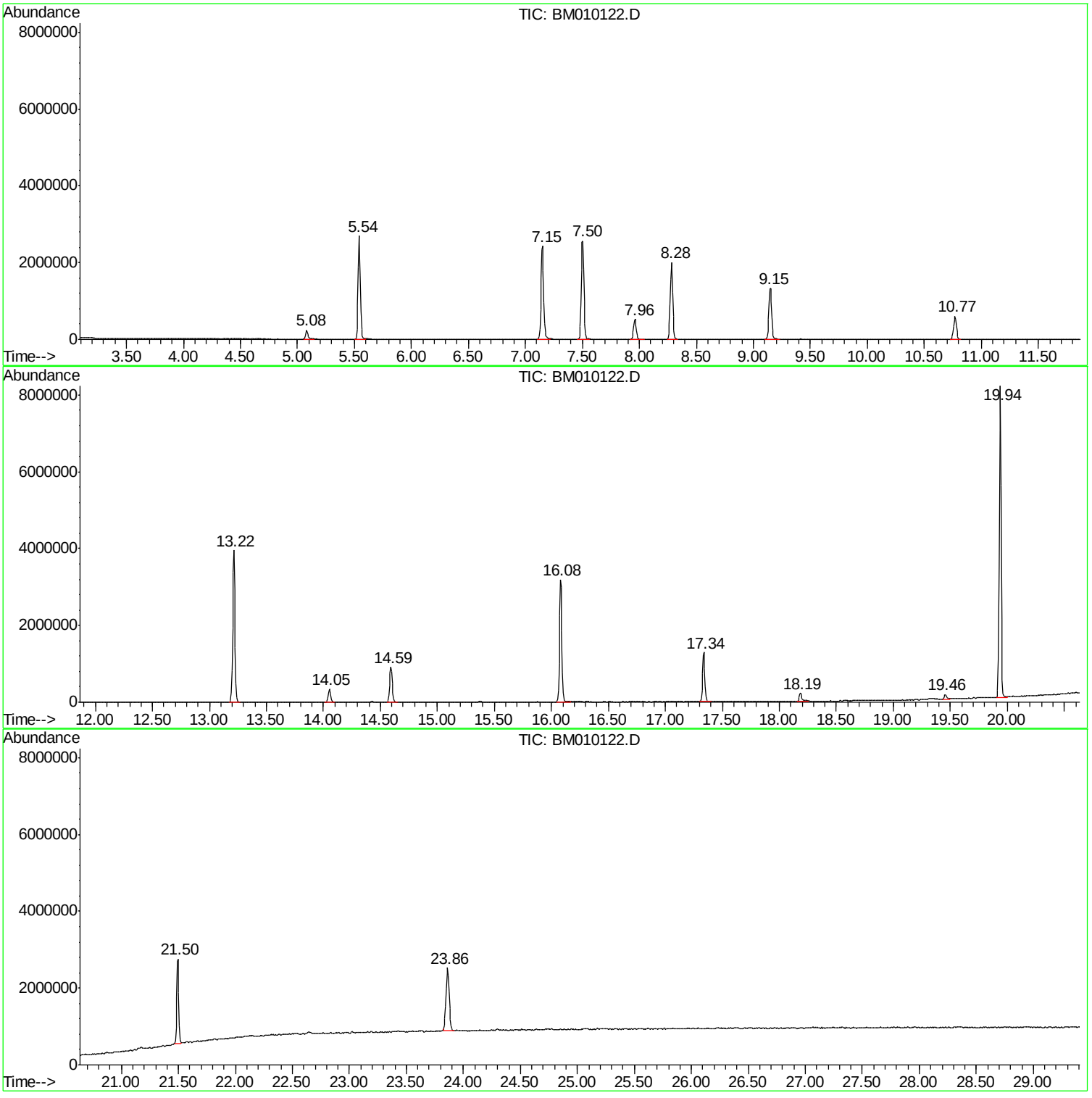
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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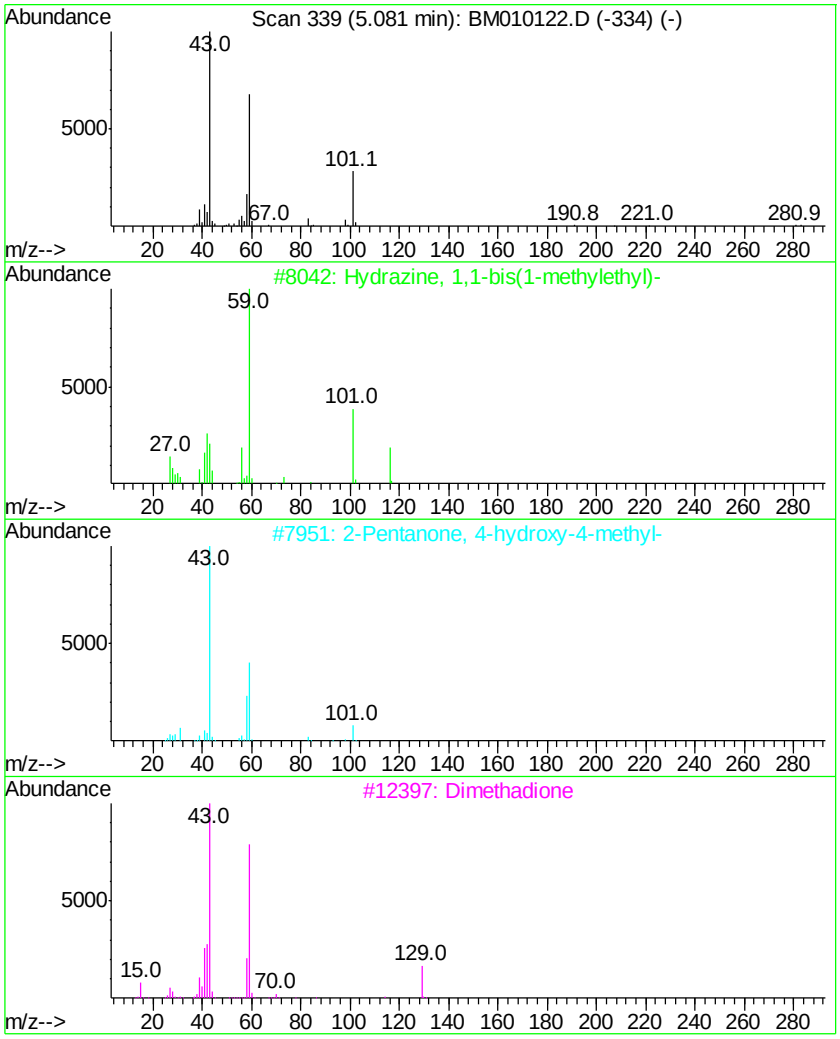
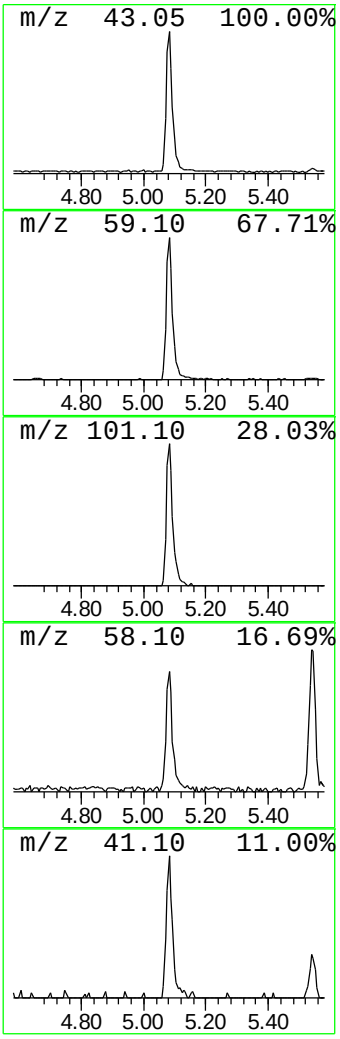
Peak Number 1 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	8.10 ng	347192	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
5	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	25





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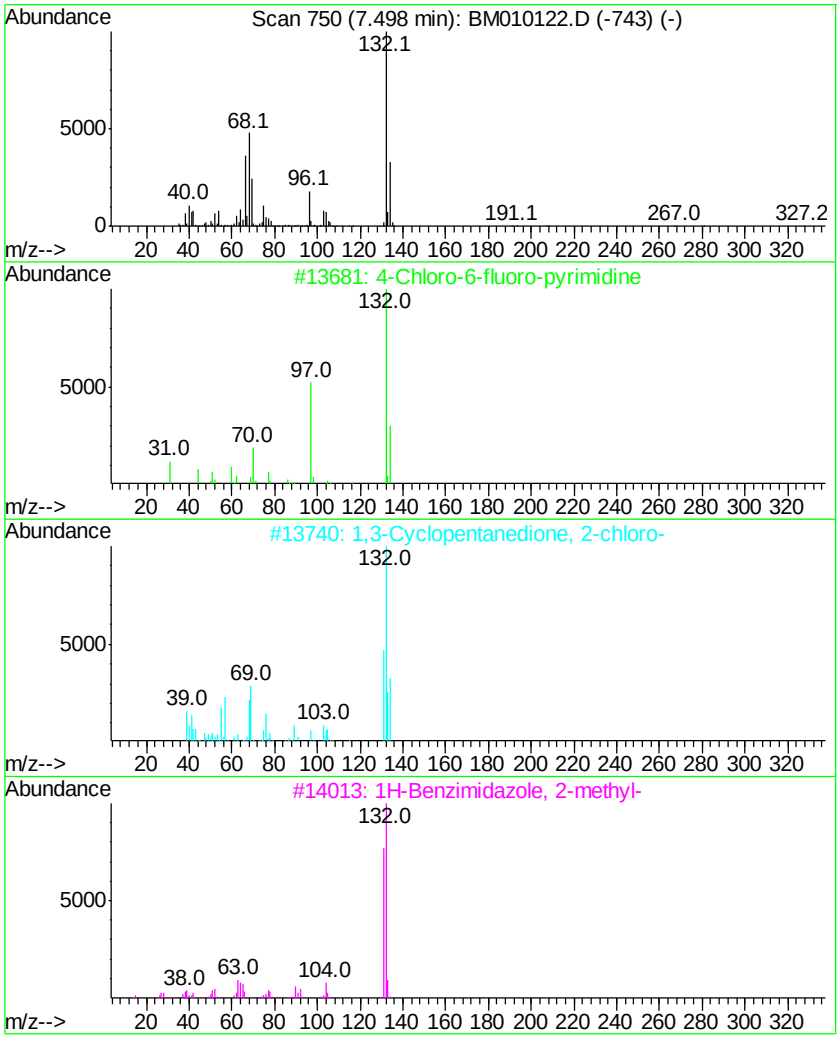
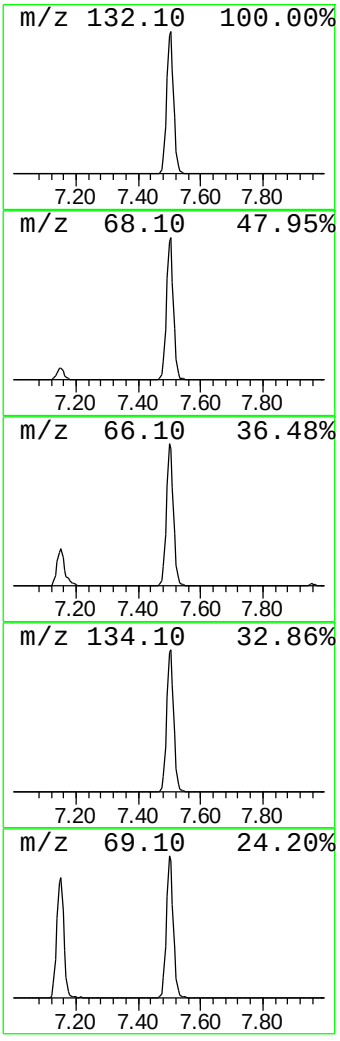
Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	95.90 ng	4111770	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





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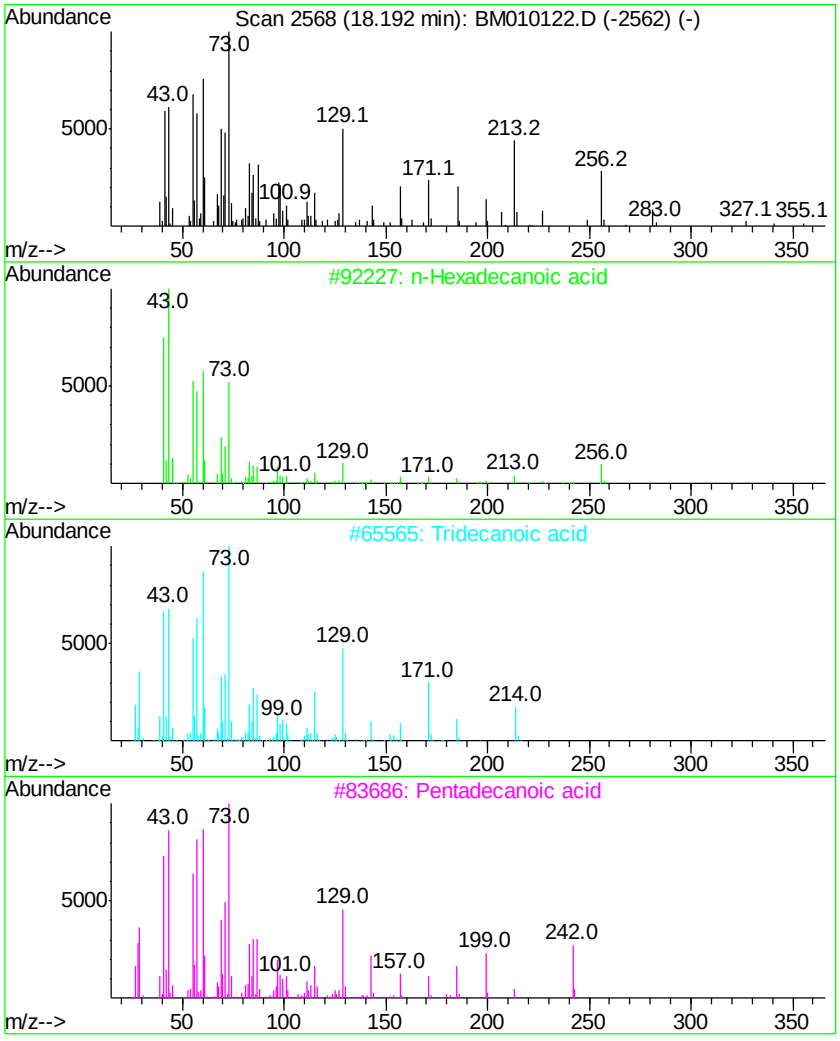
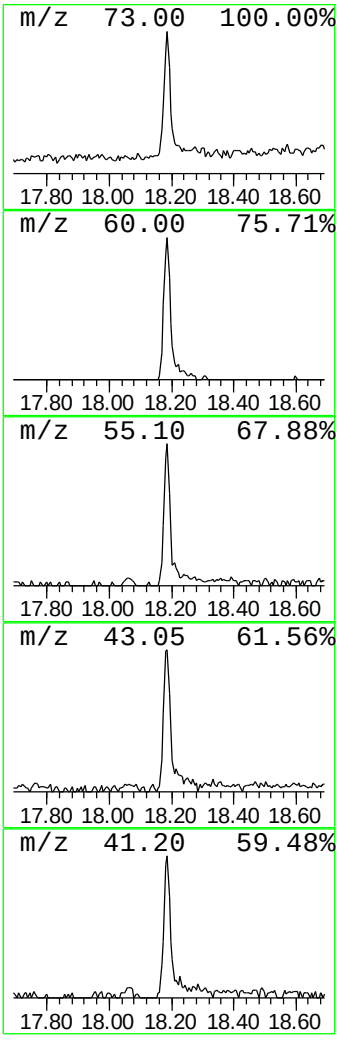
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	3.63 ng	328345	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hydrazine, 1,1-bi...	5.08	8.1	ng	347192	1	7.96	857494	20.0
unknown7.50	7.50	95.9	ng	4111770	1	7.96	857494	20.0
n-Hexadecanoic acid	18.19	3.6	ng	328345	4	17.34	1809240	20.0