LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019053.D
Acq On : 06 Mar 2019 02:26
Operator : JU/SJ
Sample : K1704-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-SW067-022719

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_M\METHODS\8270-BM021119.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	5.269	365	371	387	rBV	4518961	6522579	51.01%	8.280%
2	6.851	633	640	657	rBV	4472774	7269966	56.85%	9.228%
3	7.210	693	701	716	rBV	4704934	7342126	57.41%	9.320%
4	7.675	773	780	787	rBV	933734	1508116	11.79%	1.914%
5	7.987	825	833	842	rBV	3267084	5183494	40.53%	6.580%
6	8.840	970	978	999	rBV	2455329	4206991	32.90%	5.340%
7	10.457	1246	1253	1267	rBV	1138527	1992942	15.58%	2.530%
8	12.939	1668	1675	1691	rBV	6135284	8980933	70.23%	11.400%
9	13.792	1815	1820	1833	rBV	242362	391582	3.06%	0.497%
10	14.327	1904	1911	1928	rVB2	1660376	2593030	20.28%	3.292%
11	15.827	2159	2166	2184	rBV	5108796	7651498	59.83%	9.713%
12	17.080	2373	2379	2385	rBV	2149218	3103055	24.27%	3.939%
13	17.968	2525	2530	2541	rBV	274174	451166	3.53%	0.573%
14	19.256	2744	2749	2754	rBV2	87051	130365	1.02%	0.165%
15	19.715	2821	2827	2841	rBV	10539647	12788087	100.00%	16.233%
16	20.974	3037	3041	3052	rBV	356447	546375	4.27%	0.694%
17	21.280	3087	3093	3104	rBV	3111256	4131221	32.31%	5.244%
18	22.809	3350	3353	3357	rVB	164935	197222	1.54%	0.250%
19	23.521	3467	3474	3481	rBV	2057613	3787813	29.62%	4.808%

Sum of corrected areas: 78778561

LSC Report - Integrated Chromatogram

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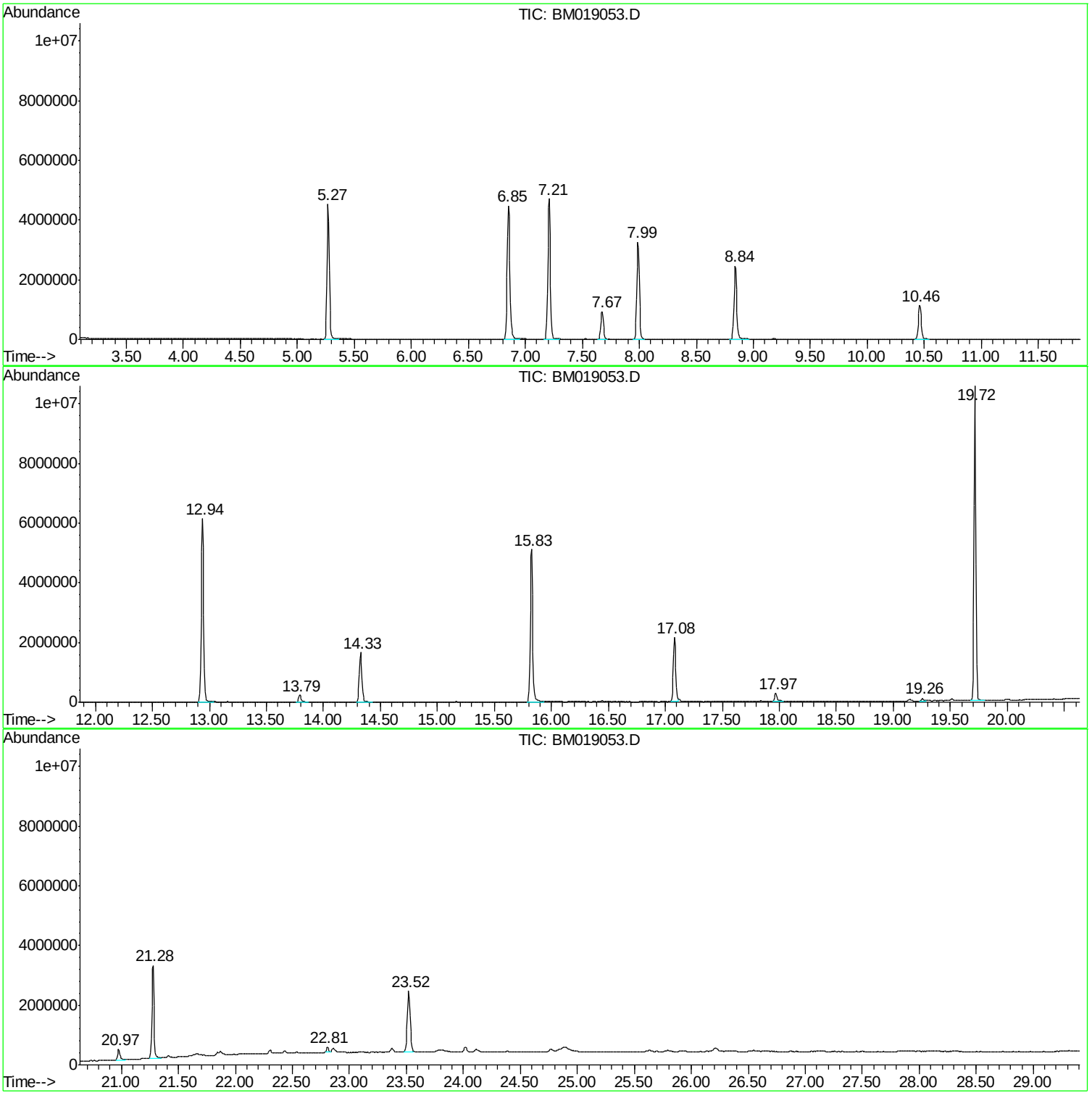
Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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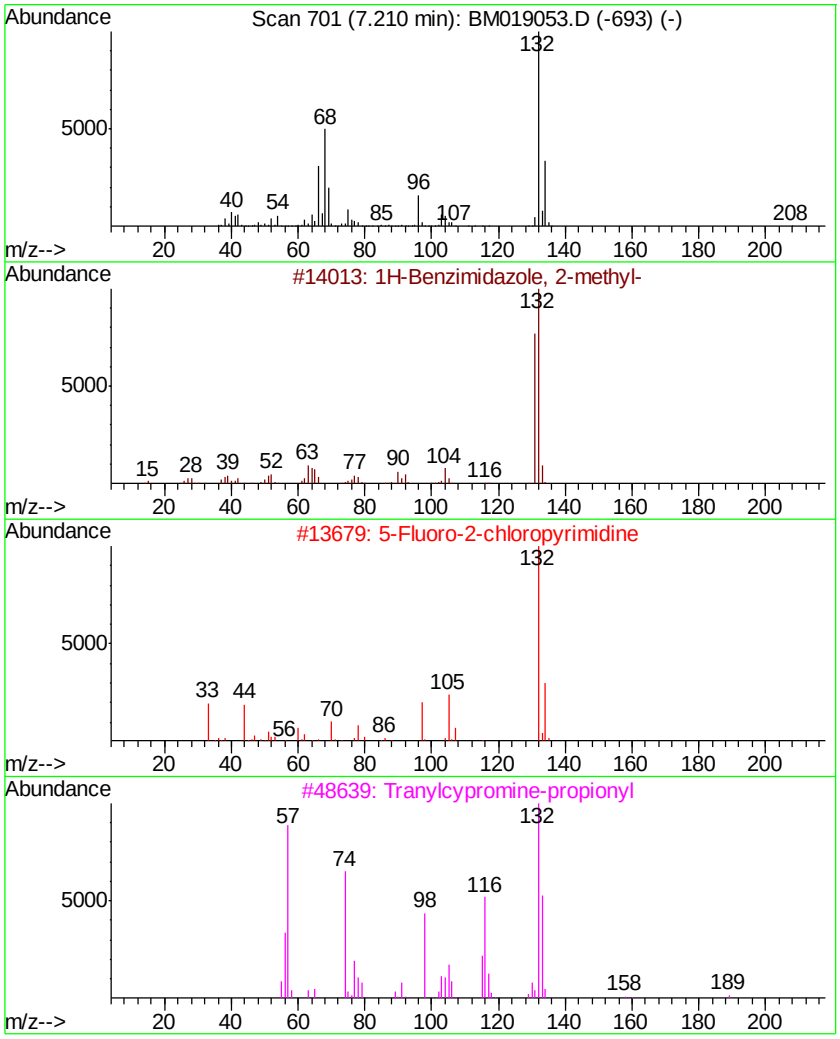
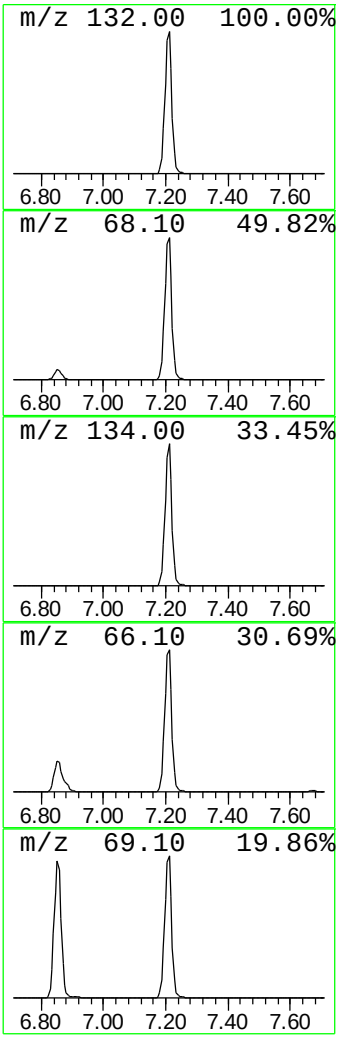
Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	97.37 ng	7342130	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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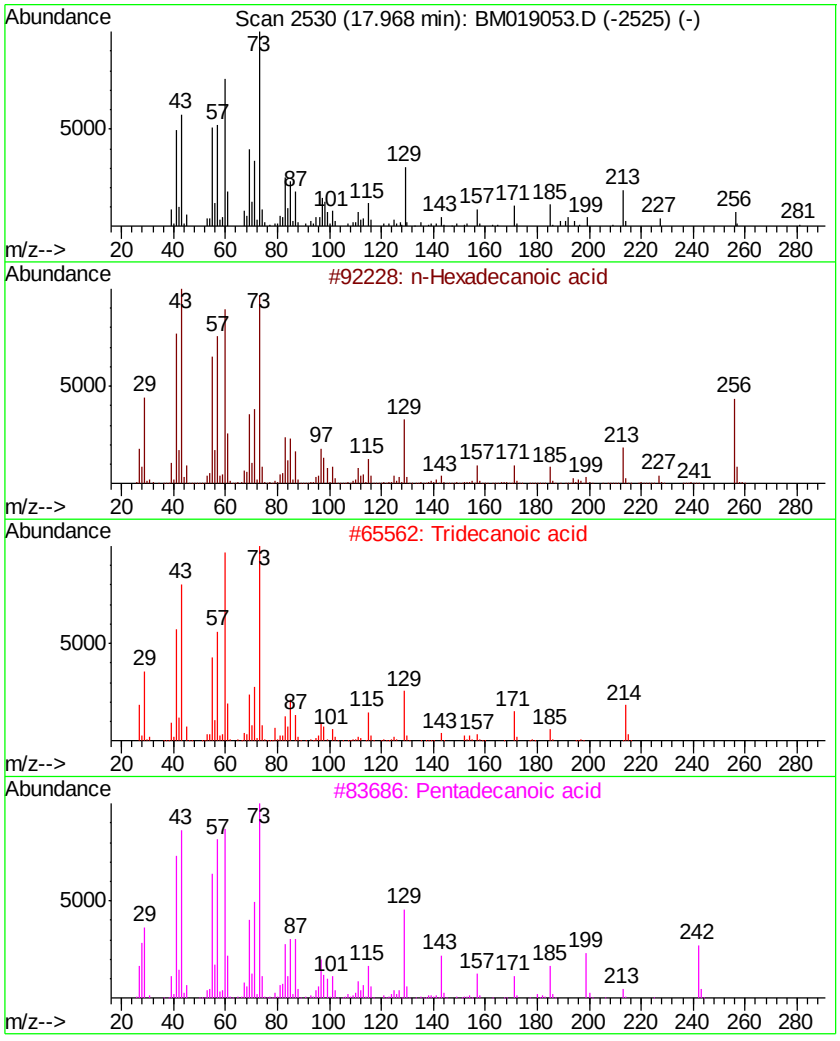
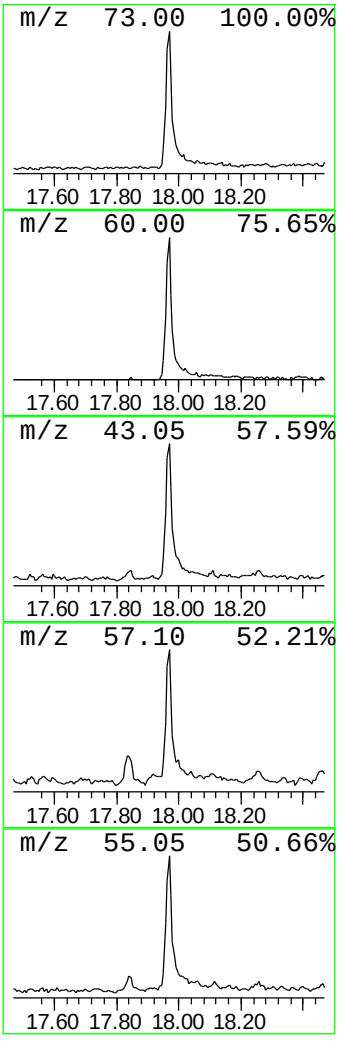
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.91 ng	451166	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Misc :
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Instrument : BNA_M
ClientSampleId : PST-028-SW067-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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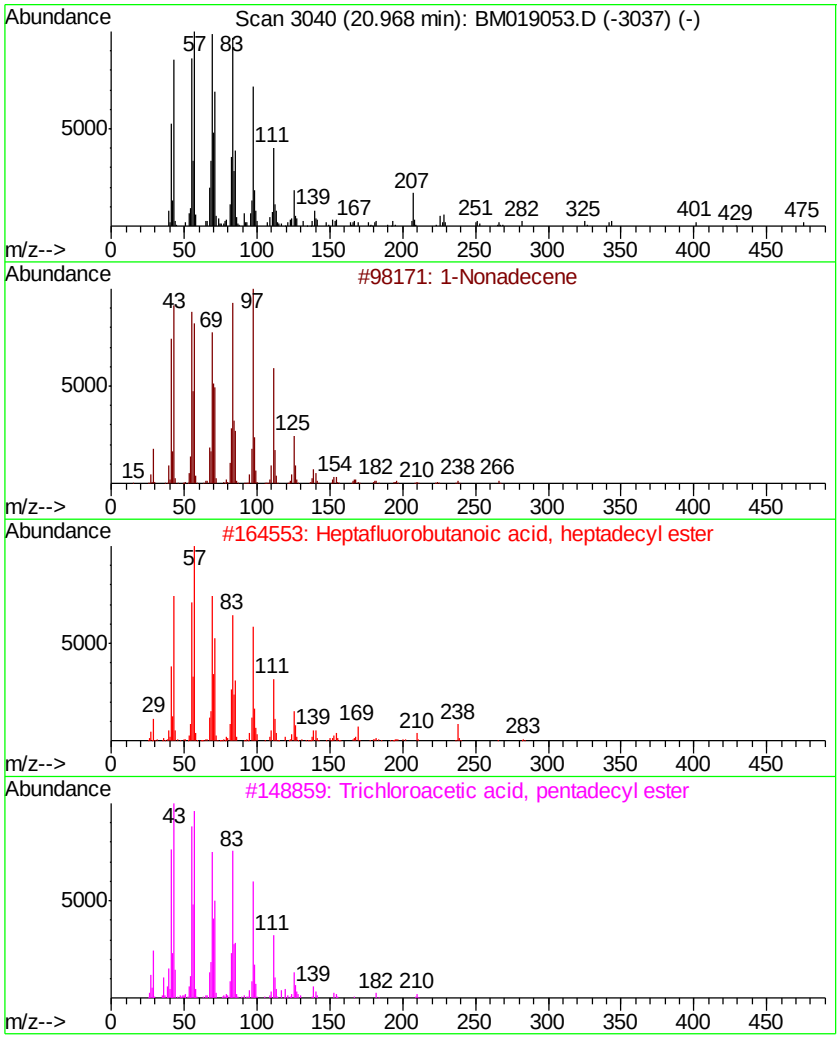
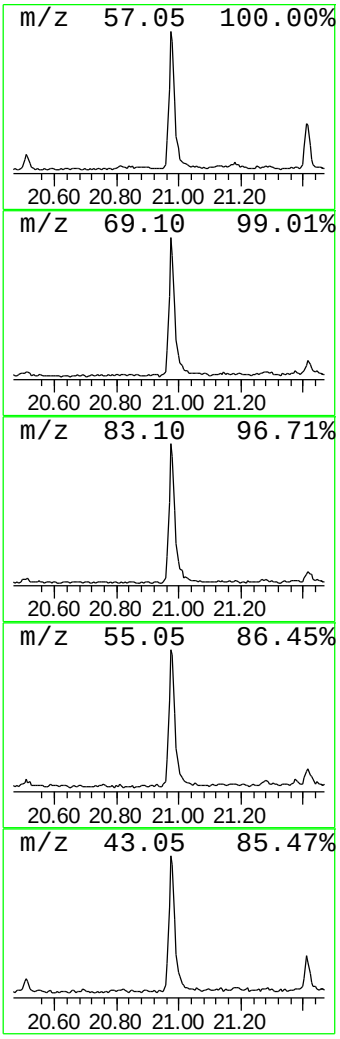
Peak Number 4 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.65 ng	546375	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	92
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	74
4	Cyclotetracosane	336	C24H48	000297-03-0	68
5	1-Tricosene	322	C23H46	018835-32-0	68





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.21	7.21	97.4	ng	7342130	1	7.67	1508120	20.0
n-Hexadecanoic acid	17.97	2.9	ng	451166	4	17.08	3103060	20.0
1-Nonadecene	20.97	2.6	ng	546375	5	21.28	4131220	20.0