LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035892.D
Acq On : 26 Jul 2018 2:57
Operator : JU/SJ
Sample : J4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-F-8(90-92)

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-BG071218.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	5.139	310	315	321	rBV	53158	83691	3.92%	0.785%
2	5.609	389	395	410	rBV	366484	638482	29.87%	5.992%
3	7.190	657	664	684	rBV	386591	737318	34.49%	6.920%
4	7.560	720	727	738	rBV	402115	686971	32.14%	6.447%
5	8.030	800	807	815	rBV	108290	190019	8.89%	1.783%
6	8.347	854	861	870	rBV	289460	512174	23.96%	4.807%
7	9.187	996	1004	1019	rBV	212579	430041	20.12%	4.036%
8	10.832	1275	1284	1295	rBV	124605	250805	11.73%	2.354%
9	13.270	1692	1699	1715	rBV	674836	1144918	53.56%	10.745%
10	14.104	1836	1841	1854	rBV	32398	64538	3.02%	0.606%
11	14.650	1926	1934	1949	rBV2	242863	428179	20.03%	4.018%
12	16.136	2180	2187	2205	rBV	636737	1062555	49.71%	9.972%
13	17.393	2394	2401	2410	rBV2	396540	636121	29.76%	5.970%
14	20.002	2839	2845	2857	rBV	1576018	2137669	100.00%	20.062%
15	21.294	3060	3065	3070	rBV2	64436	103869	4.86%	0.975%
16	21.658	3119	3127	3136	rBV	435322	742647	34.74%	6.970%
17	22.440	3256	3260	3266	rBV7	14645	26353	1.23%	0.247%
18	23.121	3373	3376	3381	rVB6	14046	23704	1.11%	0.222%
19	23.920	3506	3512	3521	rBV9	18665	45378	2.12%	0.426%
20	24.854	3661	3671	3681	rBV3	249262	710015	33.21%	6.663%

Sum of corrected areas: 10655447

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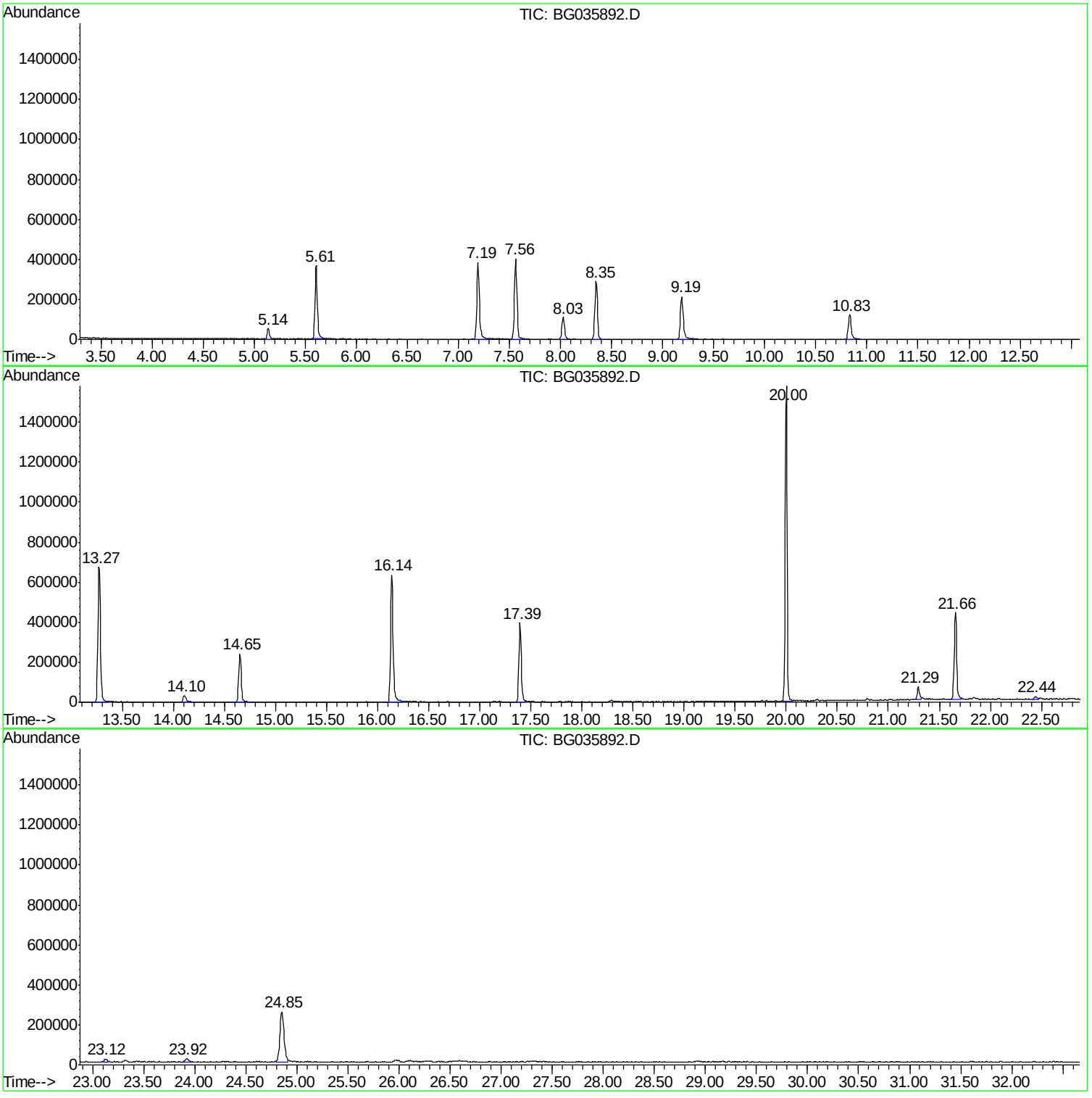
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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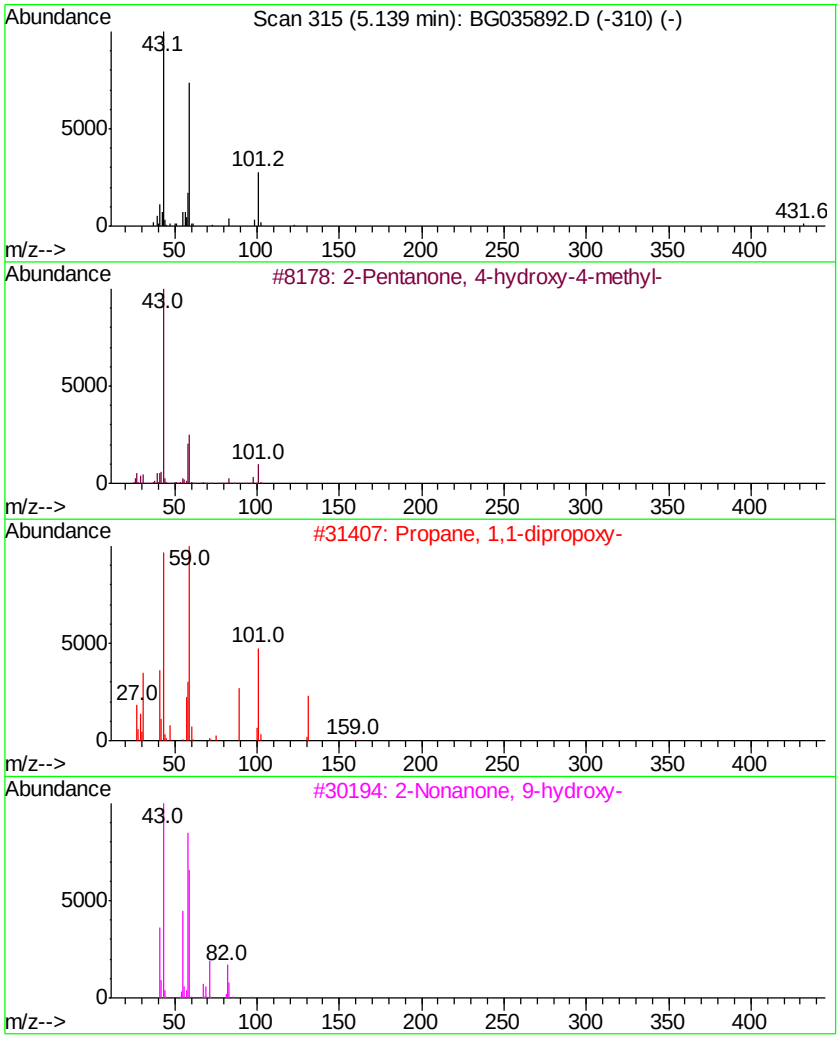
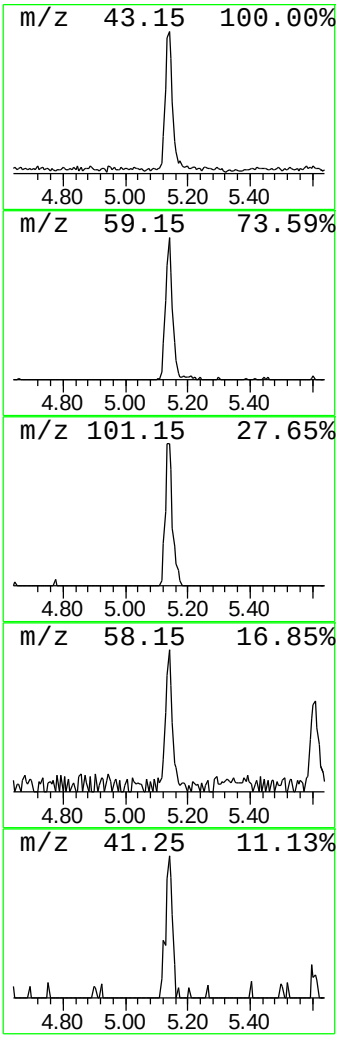
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	8.81 ng	83691	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	16
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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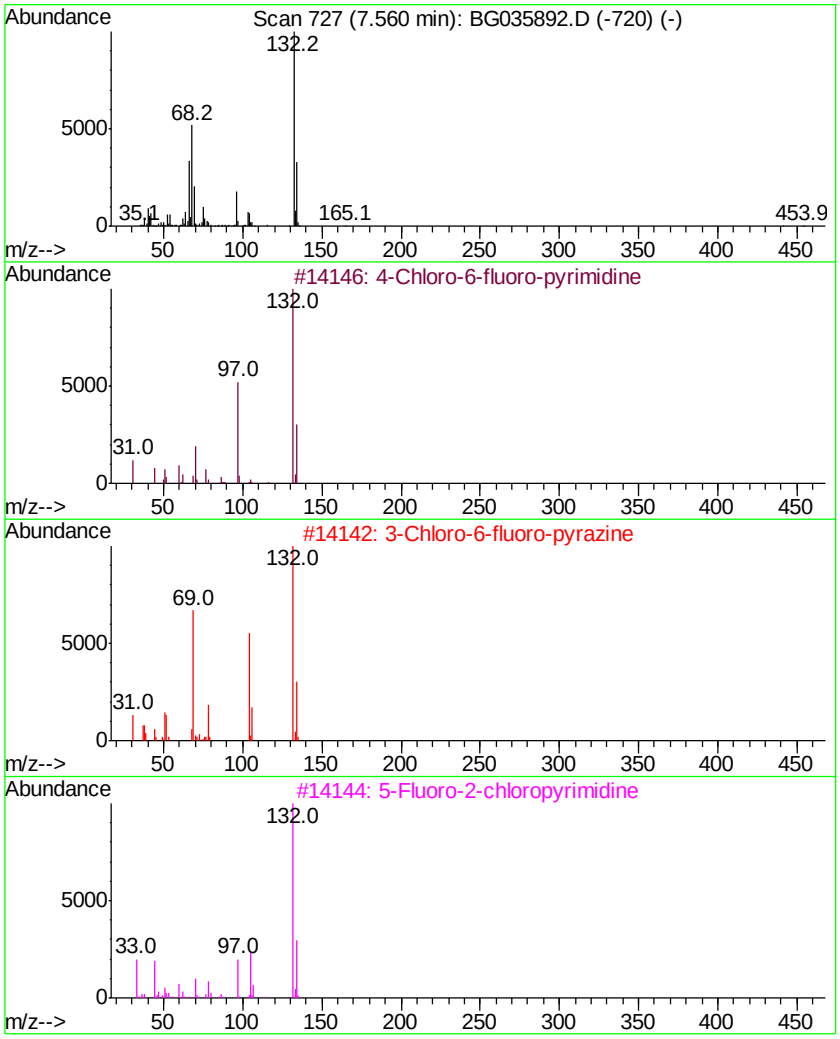
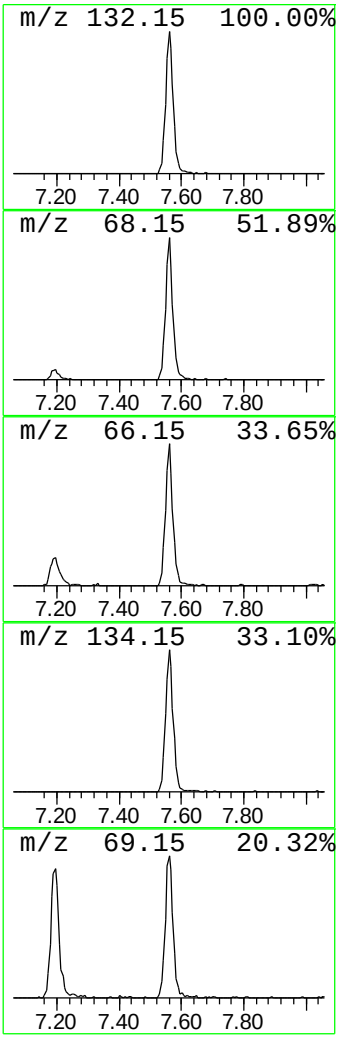
Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	72.31 ng	686971	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : EPE-F-8(90-92)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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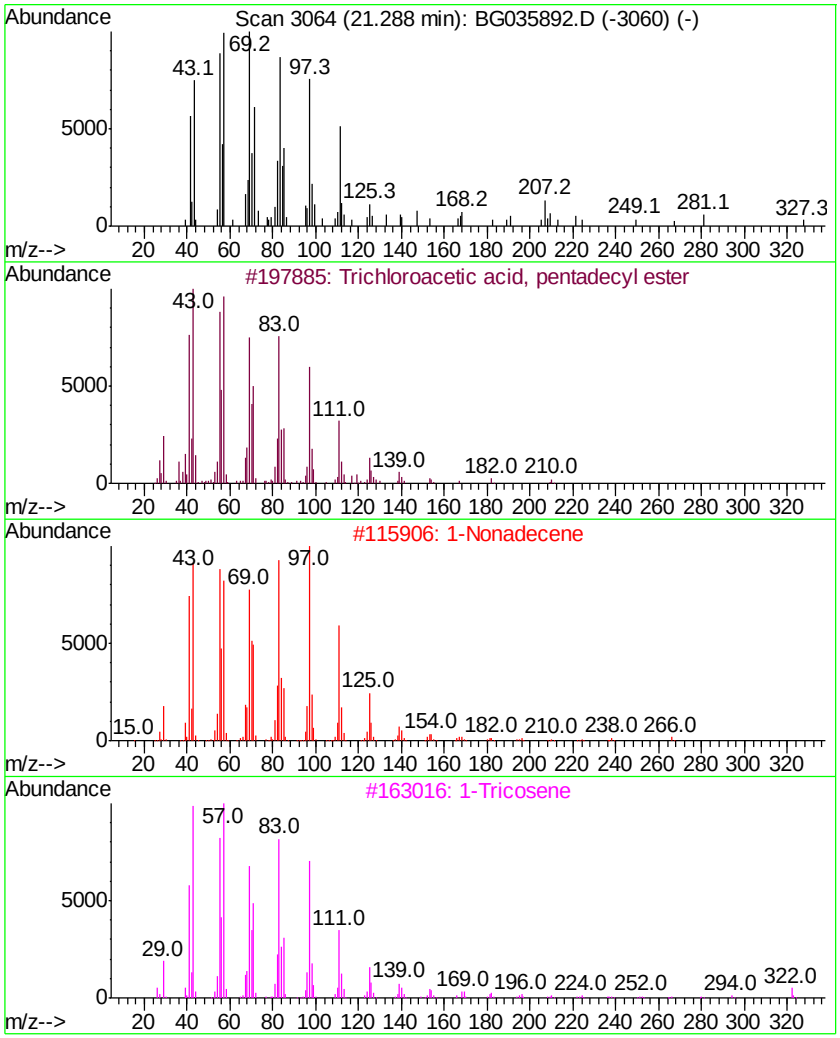
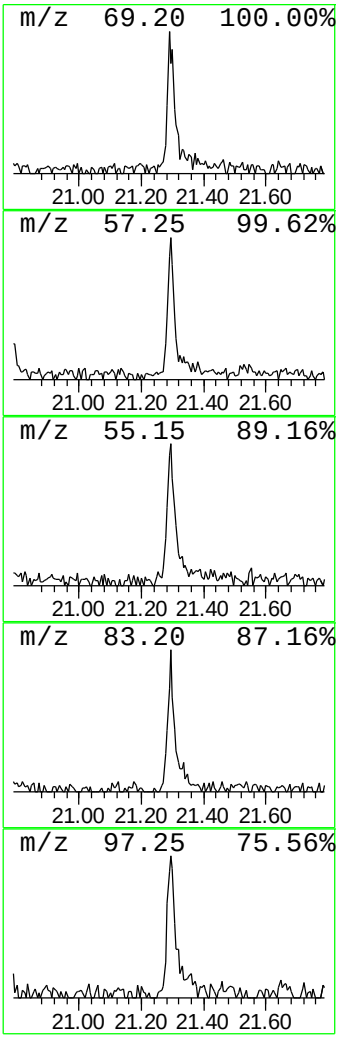
Peak Number 4 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	2.80 ng	103869	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	8.8	ng	83691	1	8.02	190019	20.0
unknown7.56	7.56	72.3	ng	686971	1	8.02	190019	20.0
Trichloroacetic a...	21.29	2.8	ng	103869	5	21.66	742647	20.0