LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108494.D
Acq On : 25 Aug 2018 6:17
Operator : JU/SJ
Sample : J4582-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082018-SIPI-E-D-S

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_F\METHODS\8270-BF080818.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	2.372	3	6	17	rVB	2640801	3436651	70.51%	11.613%
2	5.237	490	493	503	rVB	68043	74665	1.53%	0.252%
3	5.625	555	559	573	rBV	1507894	1366823	28.04%	4.619%
4	6.613	723	727	738	rBV	1049329	962765	19.75%	3.253%
5	6.766	749	753	757	rBV	2542004	2424007	49.74%	8.191%
6	6.995	789	792	796	rBV	938547	841054	17.26%	2.842%
7	7.154	815	819	823	rBV	3294399	3299594	67.70%	11.150%
8	7.566	883	889	892	rBV	2718785	2806926	57.59%	9.485%
9	8.284	1006	1011	1014	rBV	1098320	998698	20.49%	3.375%
10	9.360	1188	1194	1197	rBV	5142441	4873710	100.00%	16.469%
11	9.742	1256	1259	1265	rBV	120283	112900	2.32%	0.382%
12	10.013	1302	1305	1307	rBV	74972	59137	1.21%	0.200%
13	10.042	1307	1310	1317	rVB2	1224512	1077535	22.11%	3.641%
14	10.701	1418	1422	1425	rBV	192457	151478	3.11%	0.512%
15	10.836	1441	1445	1457	rBV	1533477	1488334	30.54%	5.029%
16	11.536	1560	1564	1571	rBV	1030640	925792	19.00%	3.128%
17	13.124	1829	1834	1837	rBV	3566560	3124665	64.11%	10.559%
18	14.189	2011	2015	2021	rBV	821265	744136	15.27%	2.515%
19	15.742	2271	2279	2289	rBV	511335	762045	15.64%	2.575%
20	16.189	2350	2355	2365	rVB2	38998	62043	1.27%	0.210%

Sum of corrected areas: 29592958

LSC Report - Integrated Chromatogram

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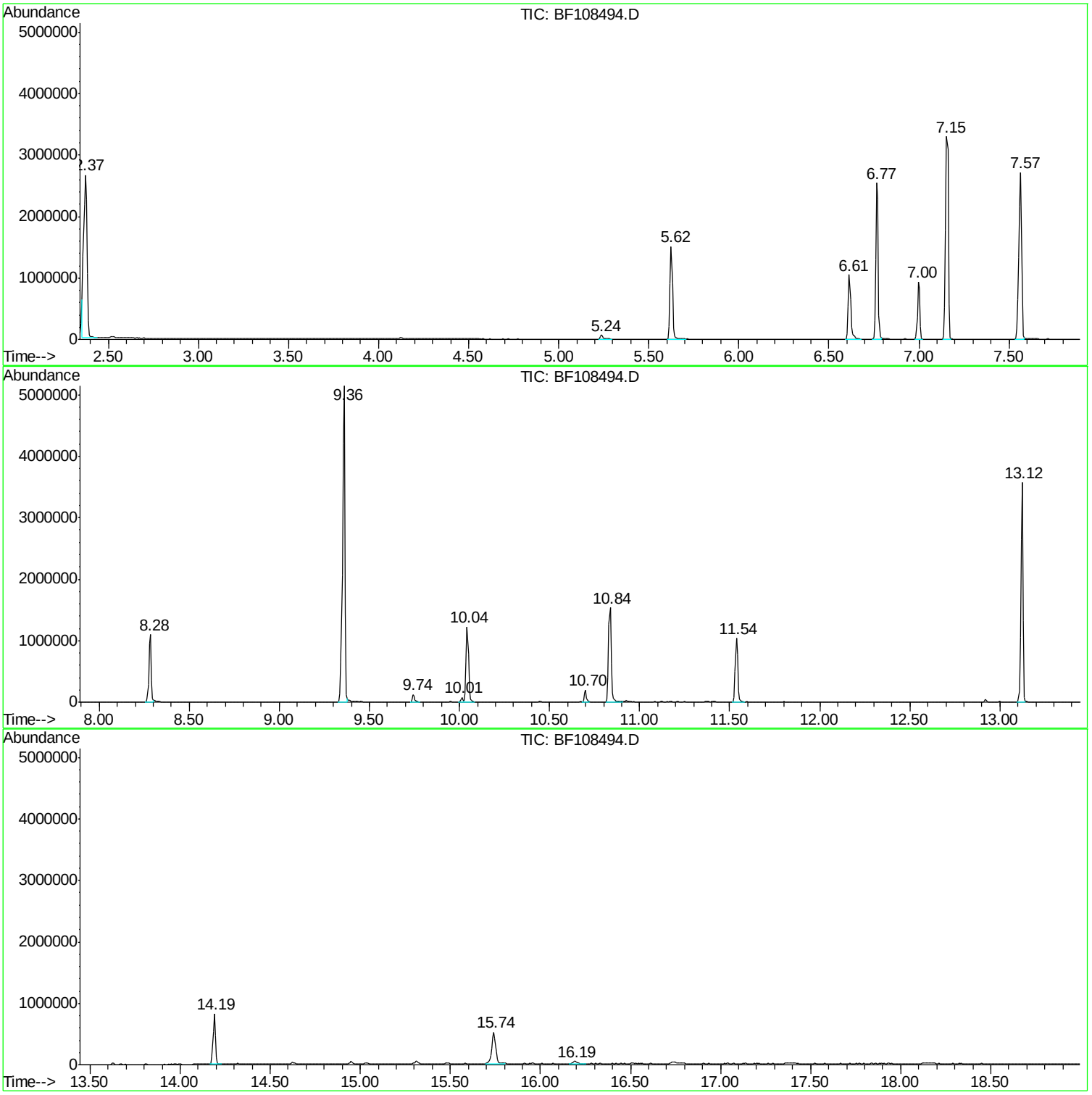
ClientSampleId : 082018-SIPI-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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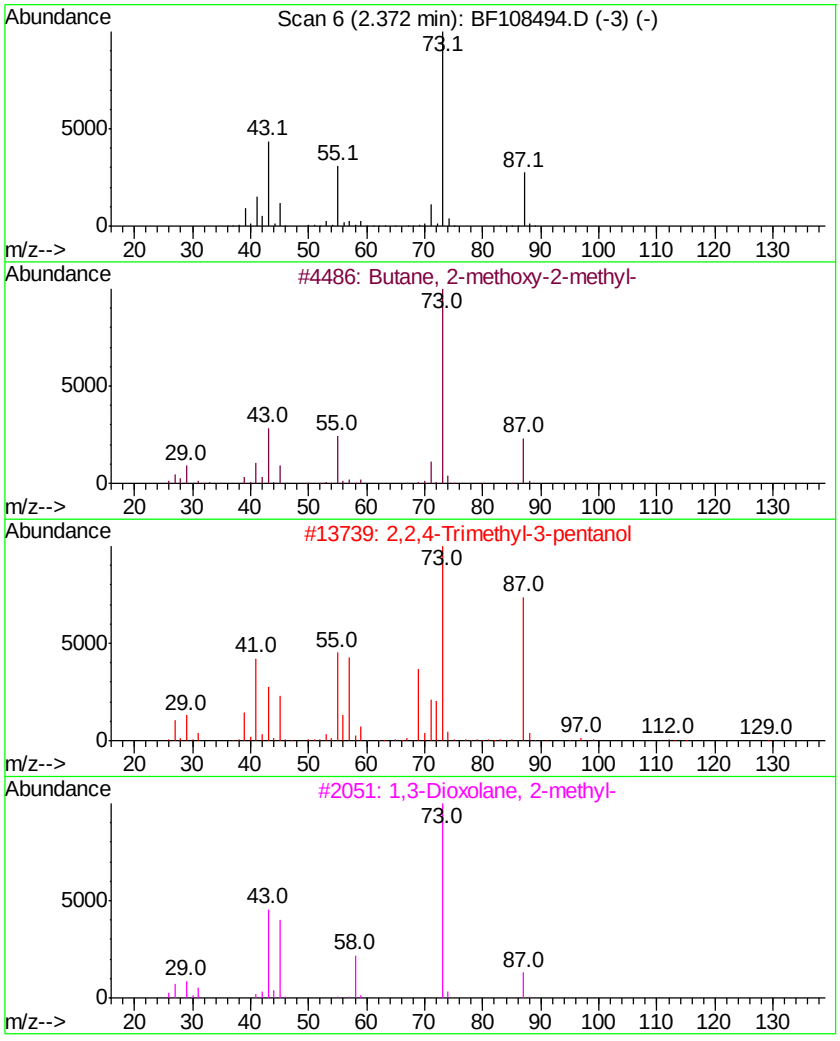
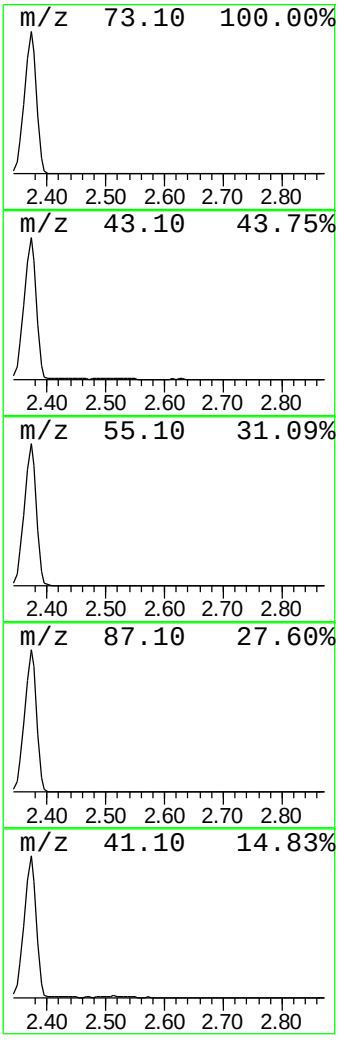
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	81.72 ng	3436650	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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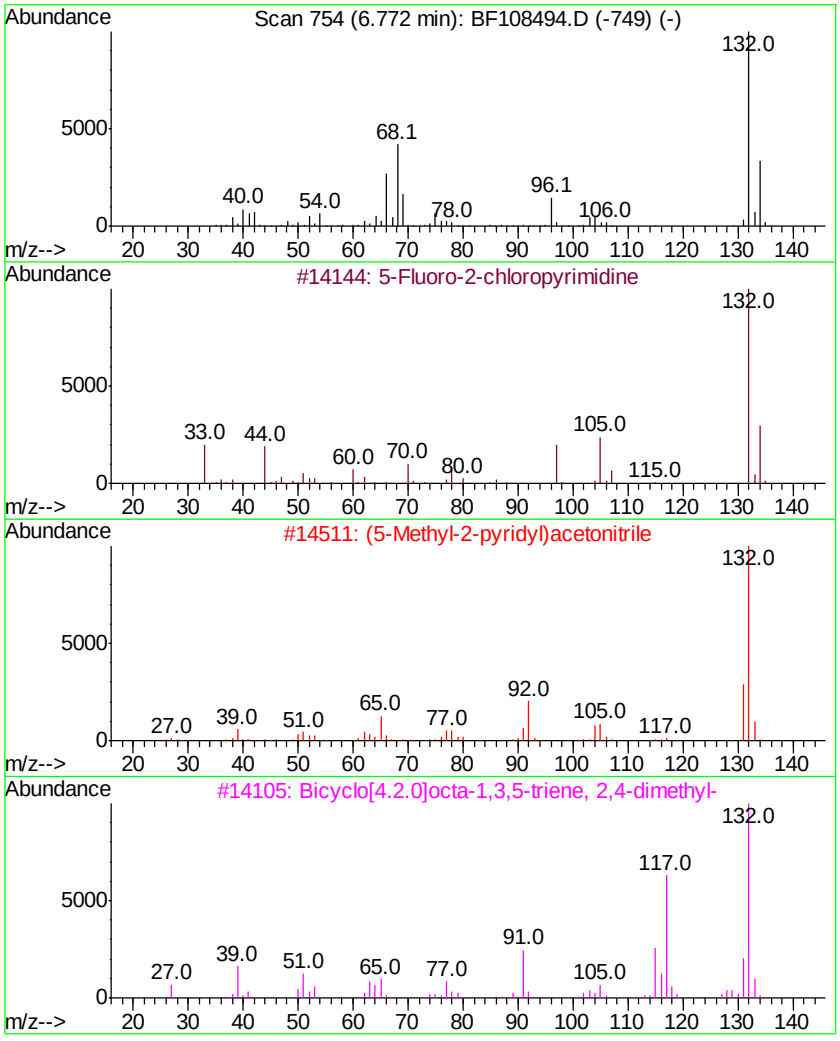
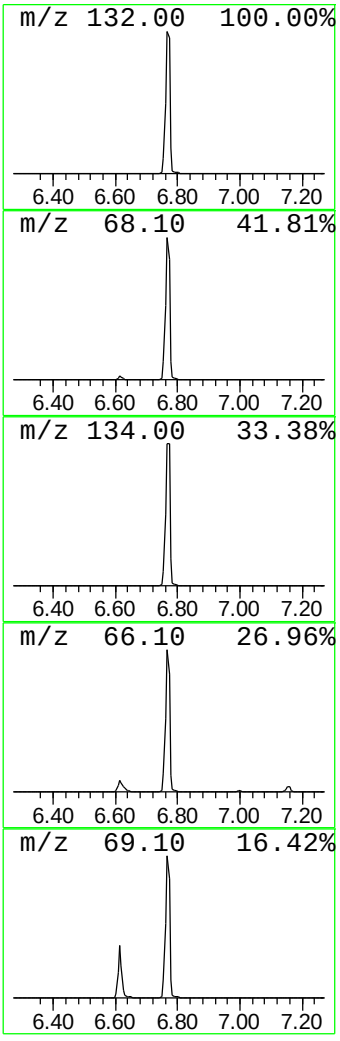
****

Peak Number 2 unknown6.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	57.64 ng	2424010	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : 082018-SIPI-E-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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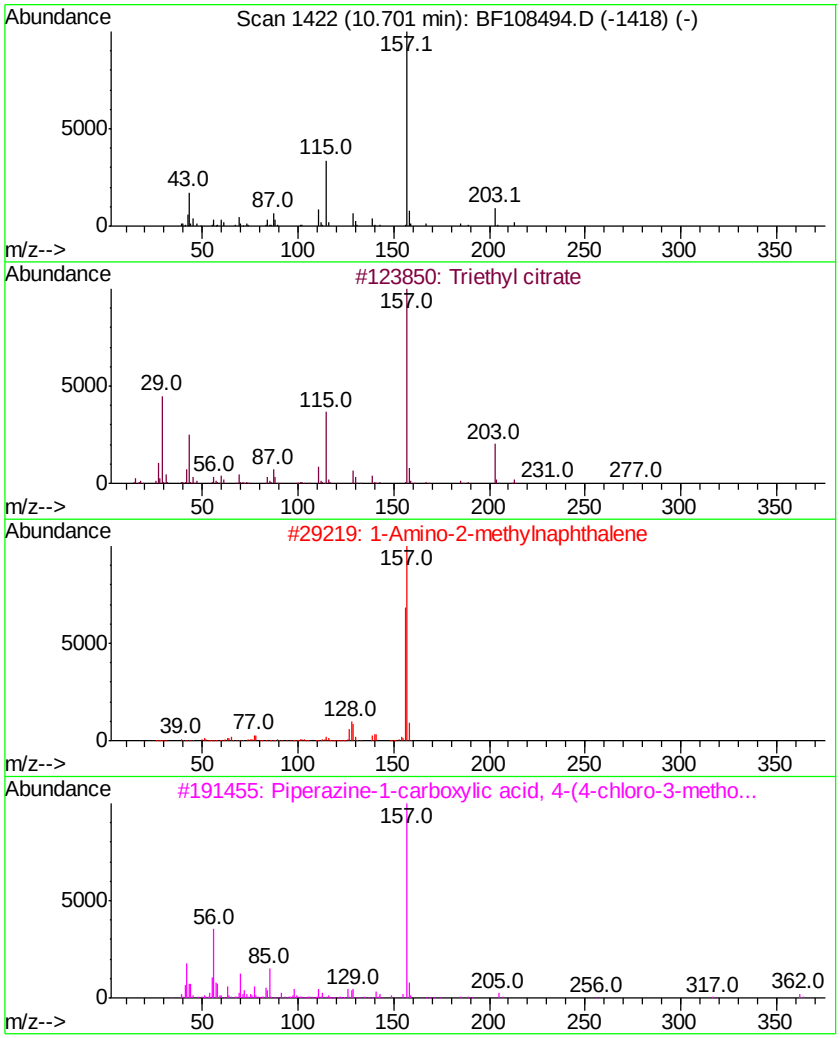
TIC Integration Parameters: LSCINT.P

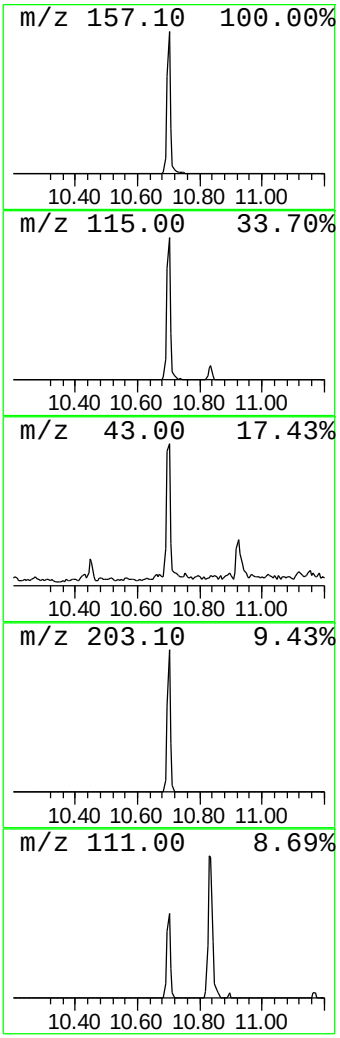
****

Peak Number 4 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.81 ng	151478	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	87
2	1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	50
3	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-79-9	40
4	Hexanedioic acid, 3-ethyl-, bis(...	286	C16H30O4	057983-54-7	39
5	Piperazine-1-carboxylic acid, 4-...	396	C14H18Cl2N2O5S	1000303-80-3	33





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.37	81.7	ng	3436650	1	7.00	841054	20.0
unknown6.77	6.77	57.6	ng	2424010	1	7.00	841054	20.0
Triethyl citrate	10.70	2.8	ng	151478	3	10.04	1077540	20.0