LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089150.D
Acq On : 21 Jul 2016 00:23
Operator : UM/SJ
Sample : H4112-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-03-6.0-8.0

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_F\METHODS\8270-BF072016.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	1.724	10	12	59	rVB	1113406	1792732	100.00%	13.377%
2	4.741	274	276	287	rBV	27151	52618	2.94%	0.393%
3	5.187	313	315	339	rBV	637000	1111853	62.02%	8.296%
4	6.261	406	409	416	rBV	959349	1251530	69.81%	9.339%
5	6.364	416	418	436	rVB	819328	1237865	69.05%	9.237%
6	6.604	436	439	449	rVB	193594	304088	16.96%	2.269%
7	6.753	449	452	462	rBV	919181	887110	49.48%	6.619%
8	7.164	486	488	502	rBV	546197	708945	39.55%	5.290%
9	7.884	548	551	561	rBV	396500	432506	24.13%	3.227%
10	8.959	642	645	648	rBV	1238930	1263197	70.46%	9.426%
11	9.359	678	680	689	rBV	294470	268621	14.98%	2.004%
12	9.622	701	703	706	rBV	379278	485550	27.08%	3.623%
13	10.410	770	772	775	rBV	742868	863967	48.19%	6.447%
14	10.548	782	784	790	rBB	22899	27847	1.55%	0.208%
15	11.096	830	832	835	rBV	467408	505277	28.18%	3.770%
16	12.685	968	971	973	rBV	1363377	1336095	74.53%	9.970%
17	13.634	1050	1054	1059	rBV	22773	67321	3.76%	0.502%
18	13.714	1059	1061	1064	rVB	424423	448836	25.04%	3.349%
19	15.062	1177	1179	1182	rBV	335750	355629	19.84%	2.654%

Sum of corrected areas: 13401587

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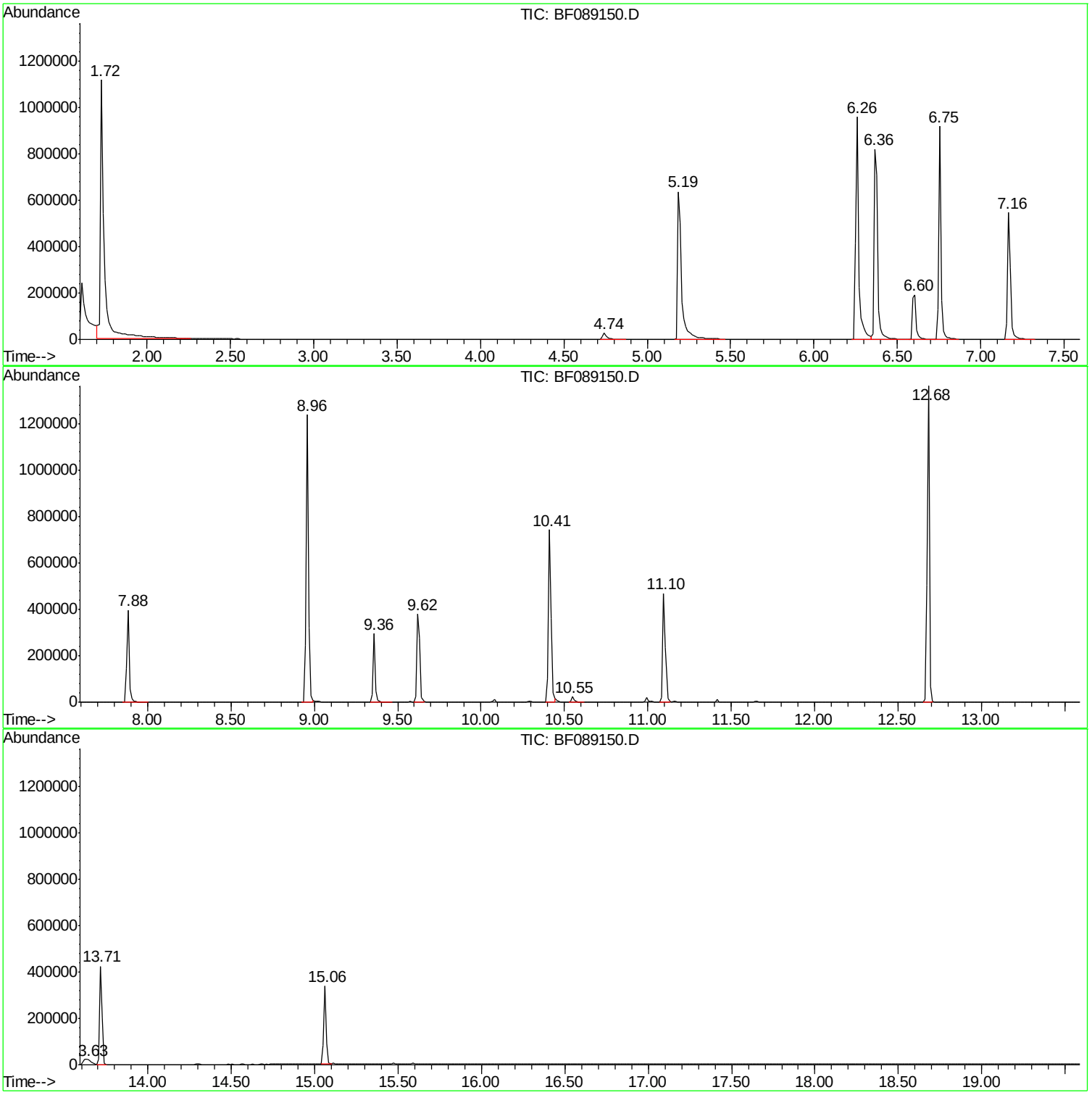
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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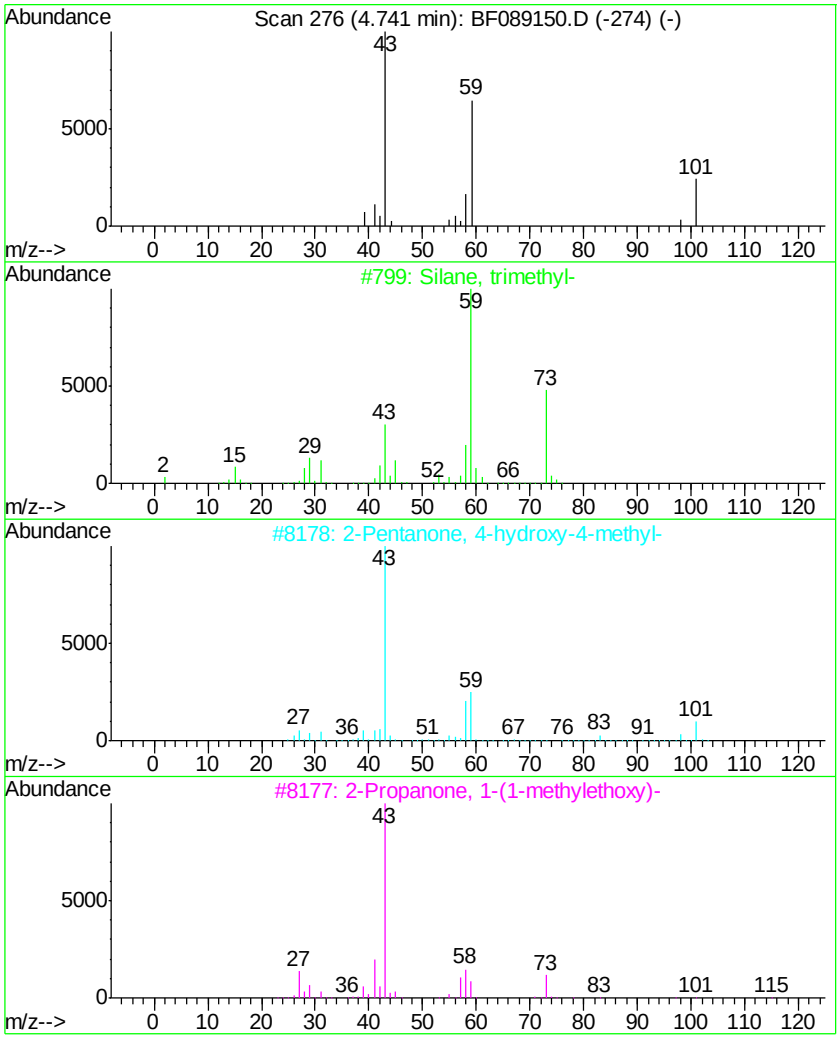
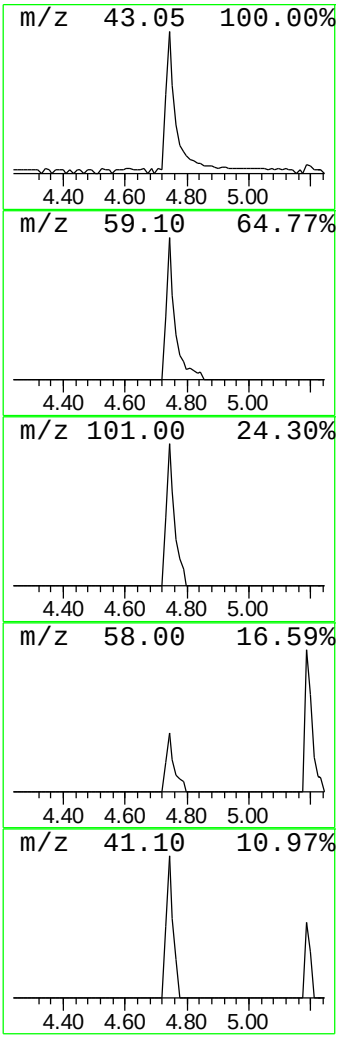
Peak Number 2 unknown4.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	3.46 ng	52618	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	7





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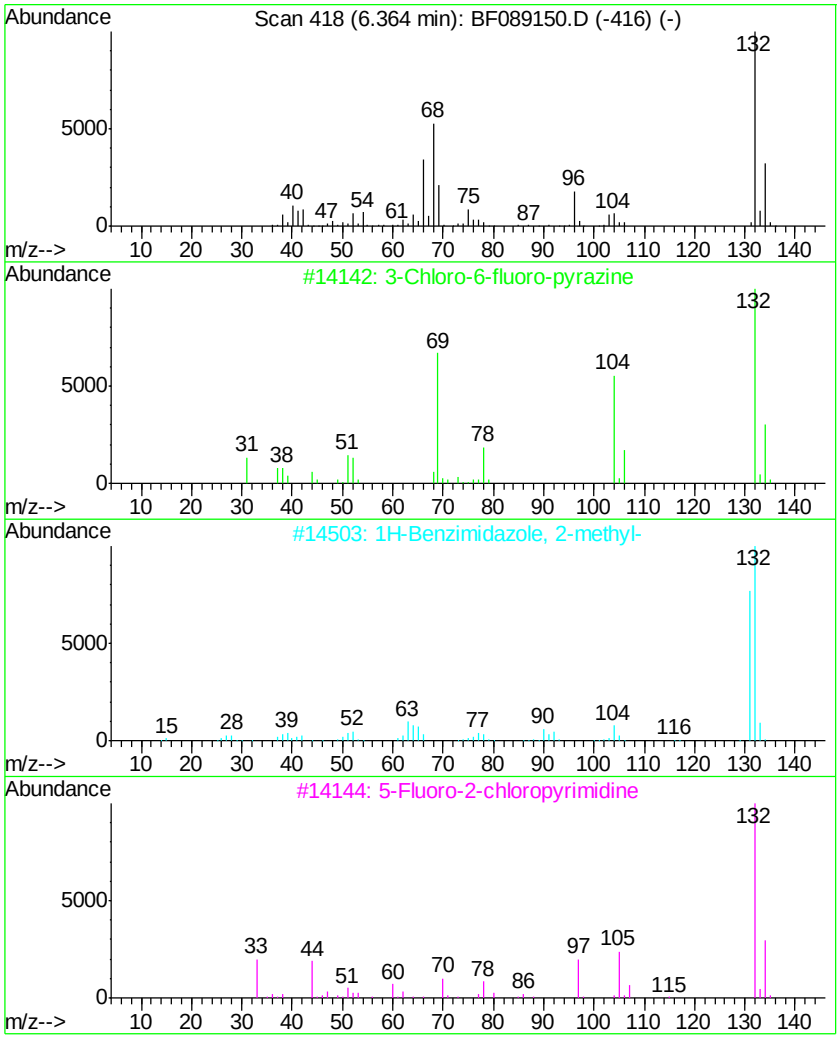
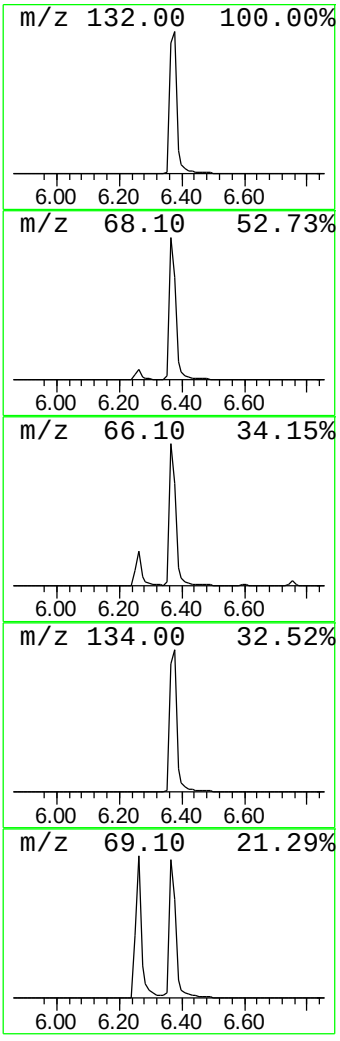
Peak Number 3 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	81.41 ng	1237870	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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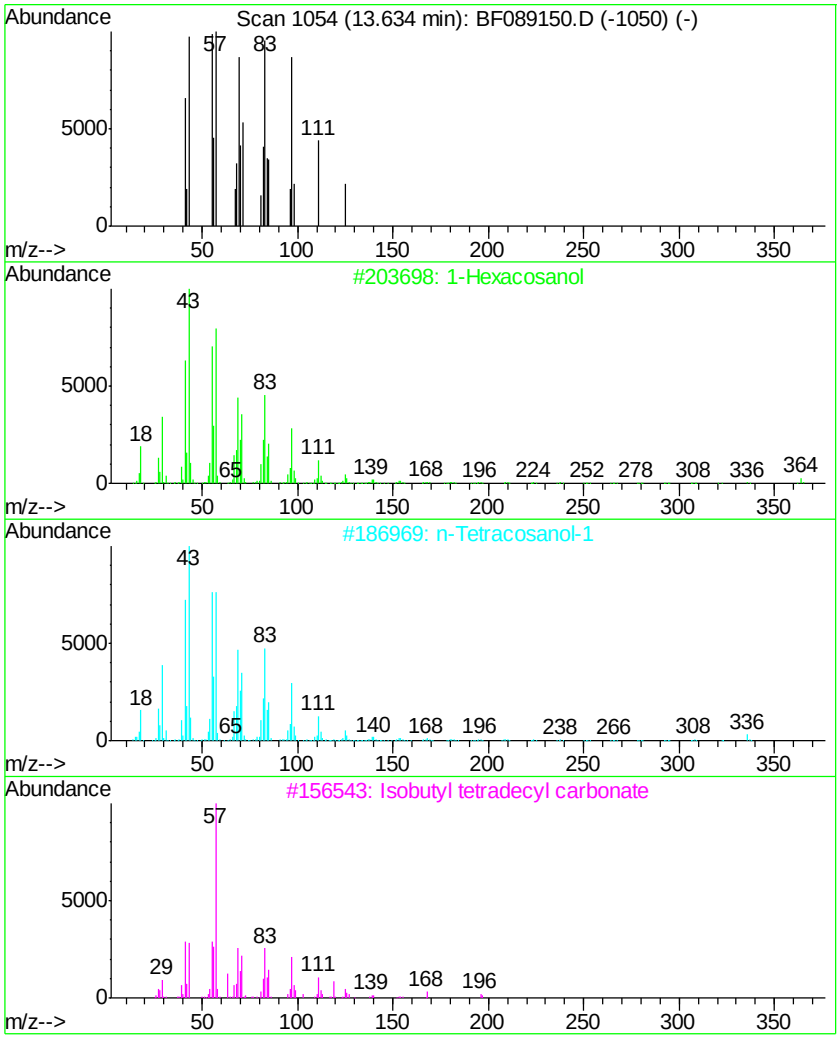
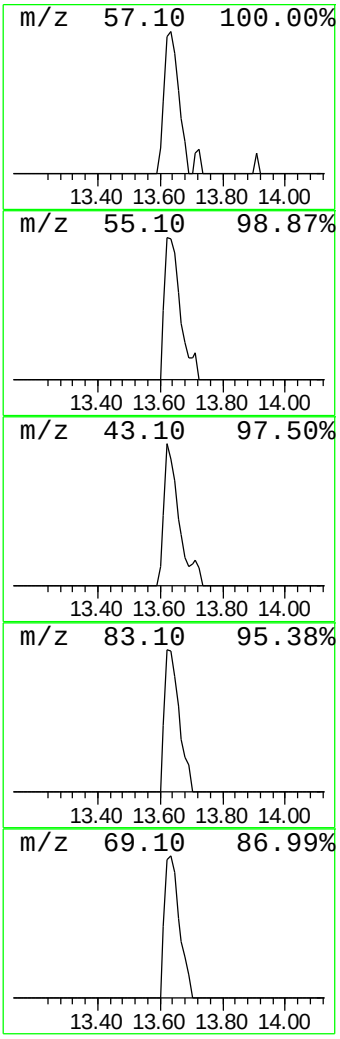
Peak Number 5 1-Hexacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.00 ng	67321	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	72
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	72
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	59
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	59
5	Cyclotetradecane	196	C14H28	000295-17-0	47





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.74	4.74	3.5	ng	52618	1	6.60	304088	20.0
unknown6.36	6.36	81.4	ng	1237870	1	6.60	304088	20.0
1-Hexacosanol	13.63	3.0	ng	67321	5	13.71	448836	20.0