

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141543.D
 Acq On : 10 Feb 2025 19:01
 Operator : RC/JU
 Sample : Q1344-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

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-BF020625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	488	492	503	rVB	17508	29982	1.57%	0.223%
2	5.404	558	563	584	rBV	1166511	1587409	83.26%	11.784%
3	6.422	731	736	767	rBV	1223372	1646124	86.34%	12.219%
4	6.787	793	798	805	rBV	382324	477615	25.05%	3.545%
5	7.345	888	893	905	rBV	792088	1059930	55.59%	7.868%
6	7.610	934	938	958	rBV	25645	50268	2.64%	0.373%
7	8.069	1010	1016	1031	rBV	480370	639621	33.55%	4.748%
8	9.145	1193	1199	1210	rBV	1404088	1848739	96.96%	13.723%
9	9.822	1308	1314	1332	rBV	561118	724392	37.99%	5.377%
10	10.533	1430	1435	1443	rBV	186003	235285	12.34%	1.747%
11	10.610	1443	1448	1466	rVV	911805	1201284	63.01%	8.917%
12	11.304	1561	1566	1574	rBV	552404	748889	39.28%	5.559%
13	11.839	1649	1657	1668	rBV2	64864	113581	5.96%	0.843%
14	12.522	1768	1773	1777	rBV	15113	20240	1.06%	0.150%
15	12.751	1806	1812	1816	rVB	15373	20393	1.07%	0.151%
16	12.892	1830	1836	1841	rBV	1503166	1906608	100.00%	14.153%
17	13.816	1985	1993	2009	rBV4	33099	134609	7.06%	0.999%
18	13.951	2010	2016	2025	rVB	418198	593366	31.12%	4.405%
19	15.410	2258	2264	2276	rBV	270581	433109	22.72%	3.215%

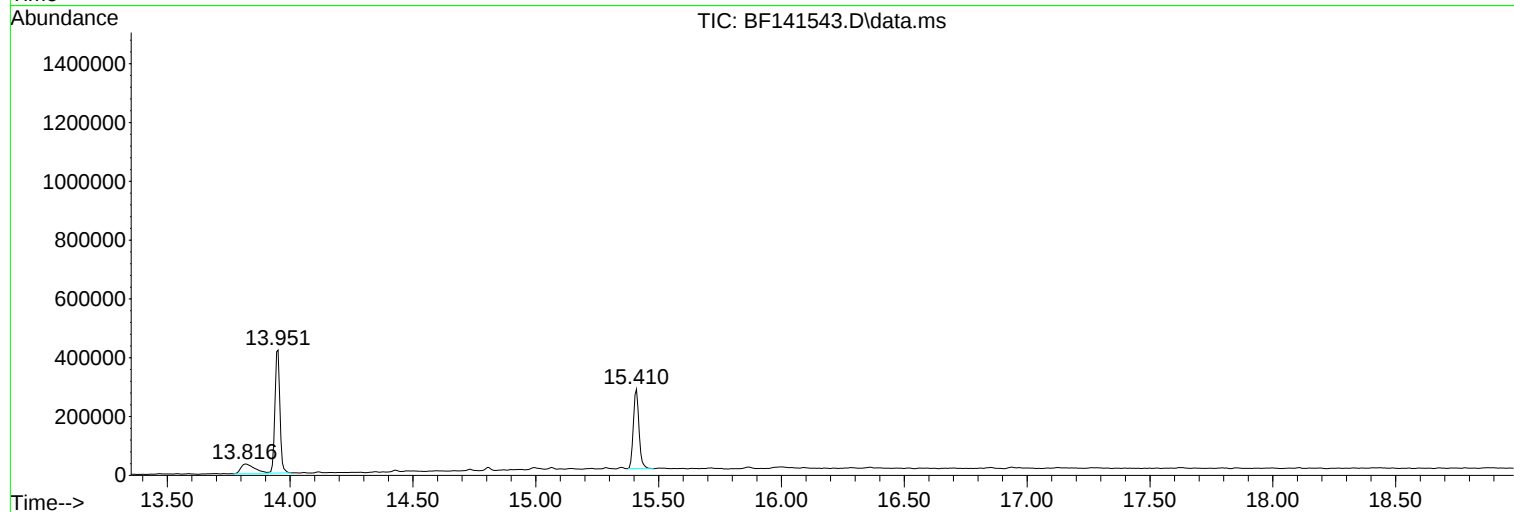
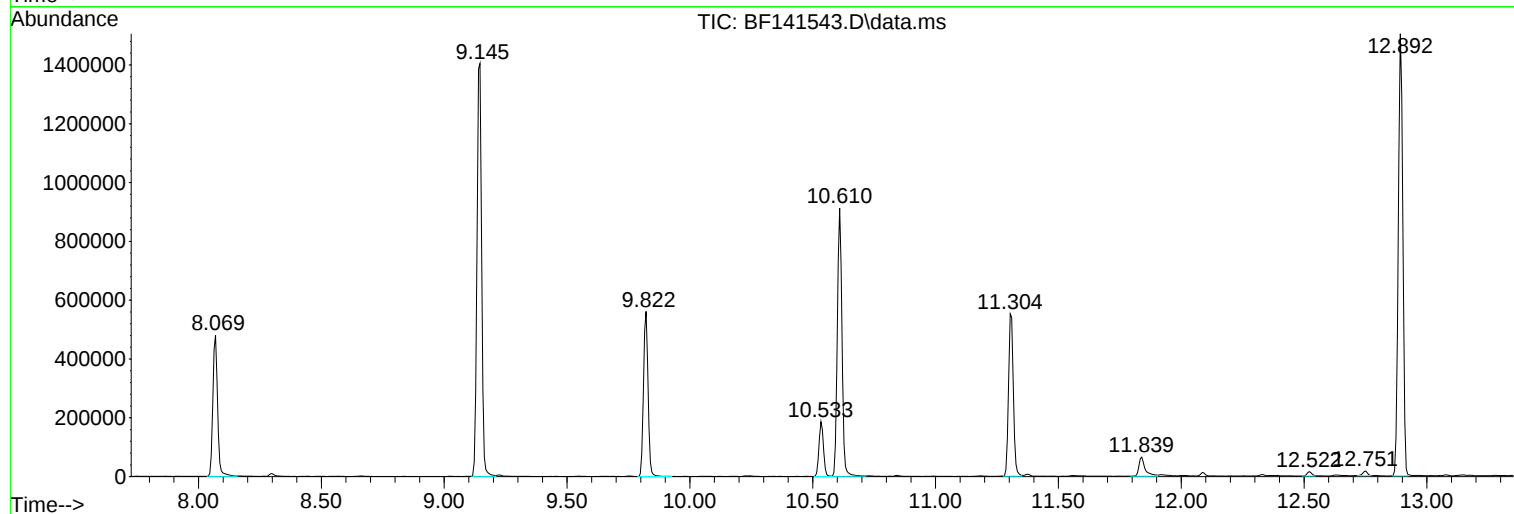
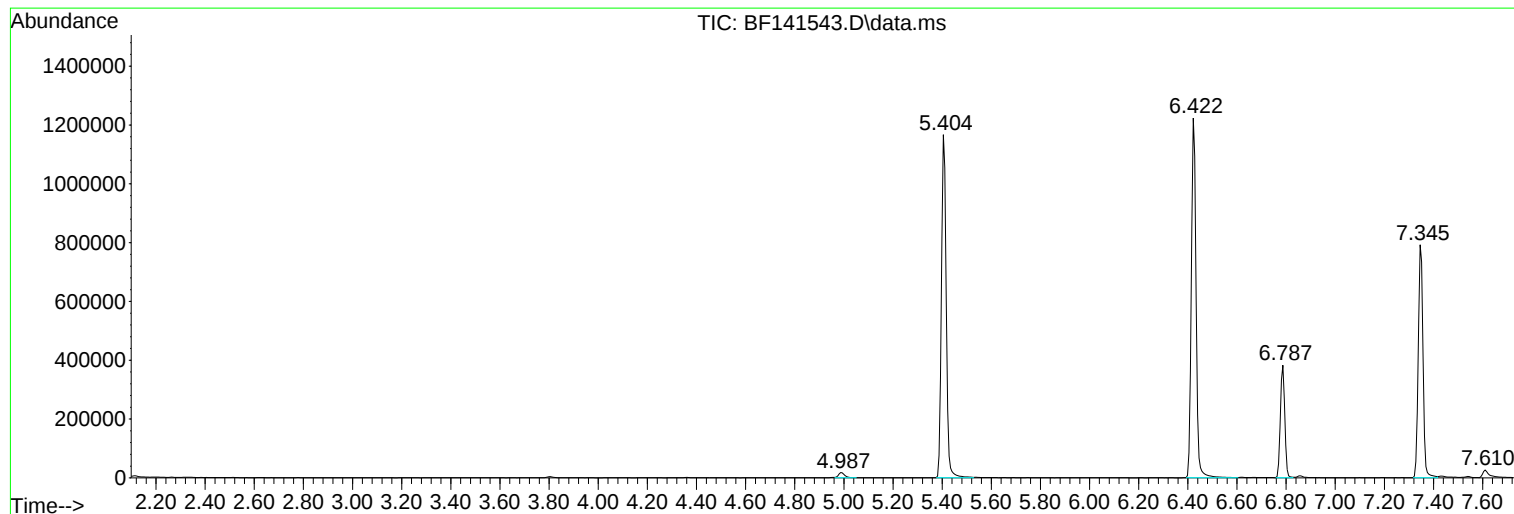
Sum of corrected areas: 13471444

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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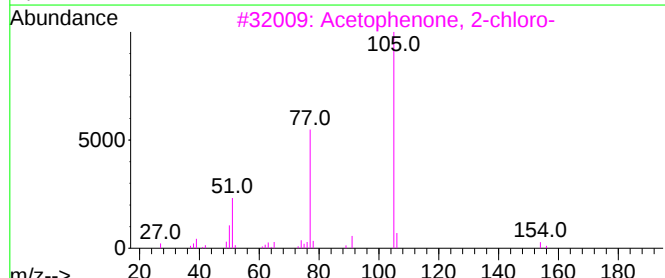
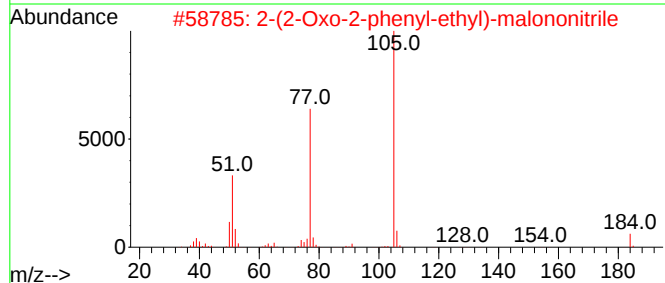
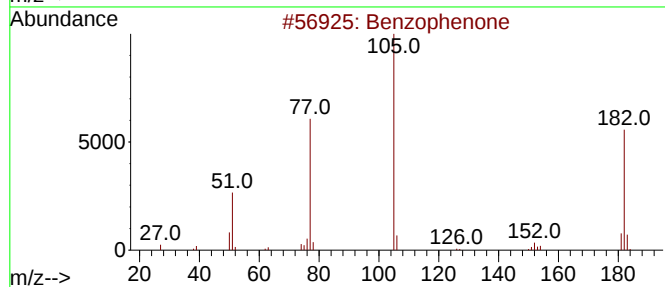
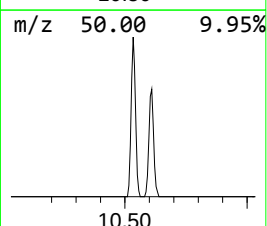
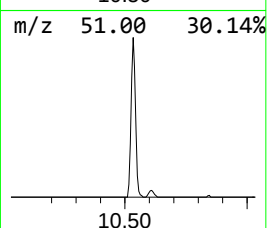
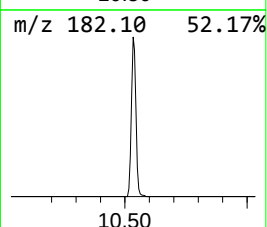
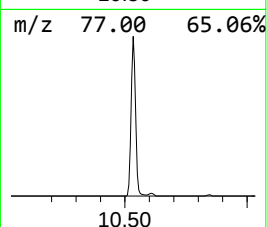
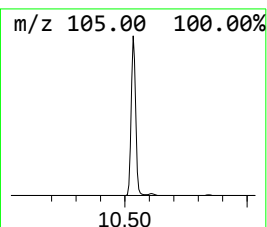
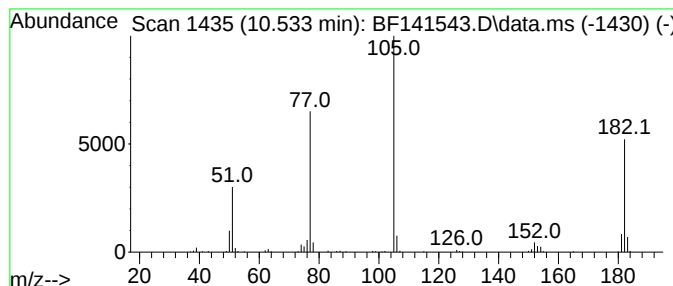
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	6.50 ng	235285	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	50
5			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	50



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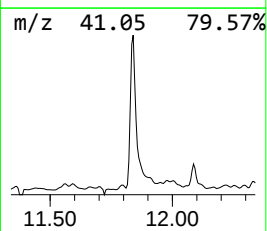
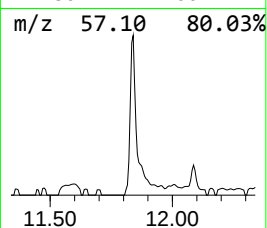
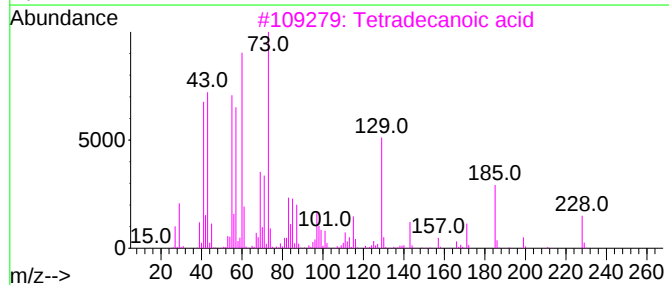
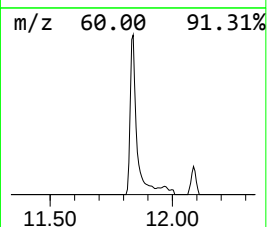
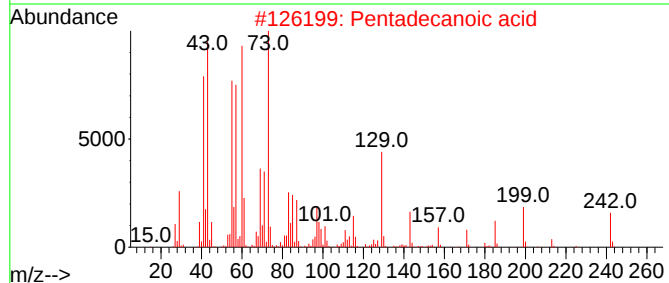
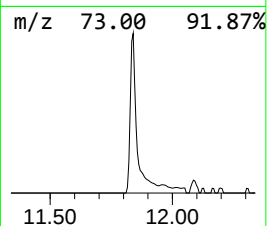
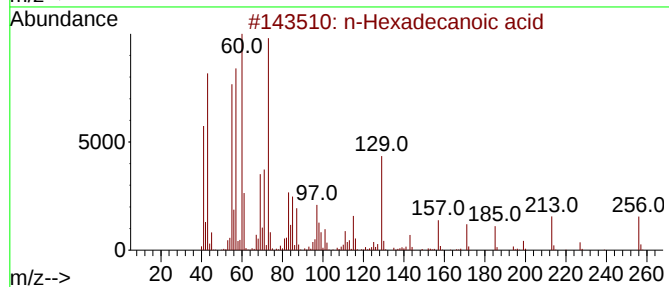
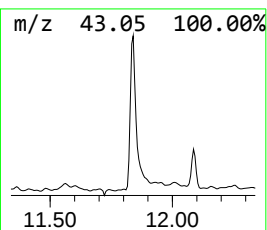
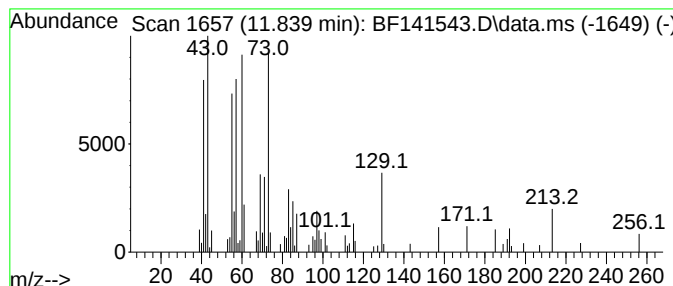
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	3.03 ng	113581	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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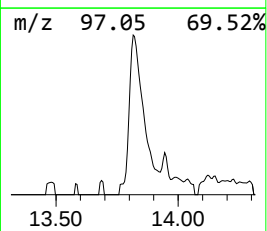
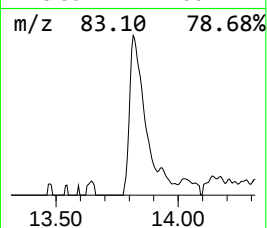
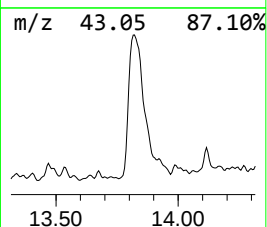
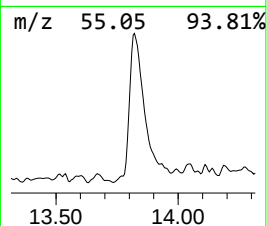
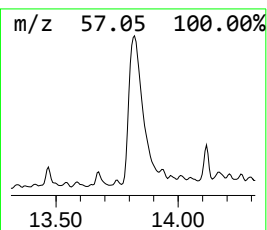
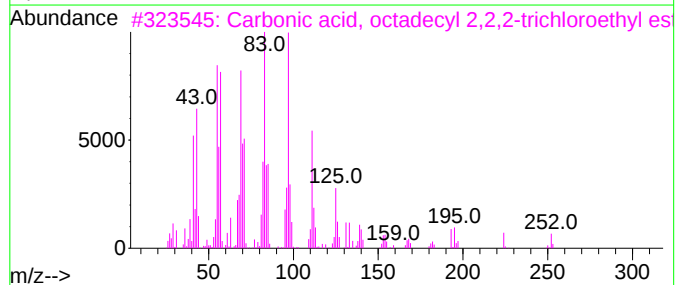
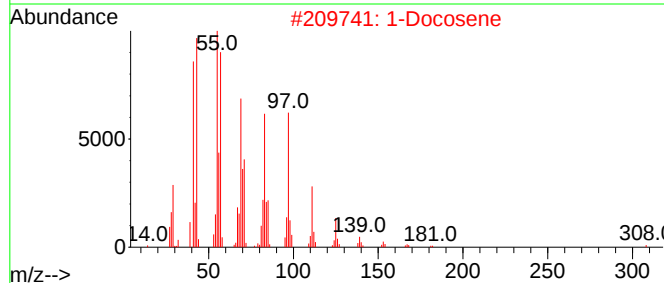
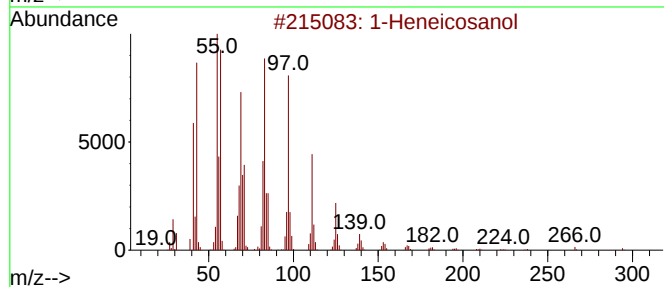
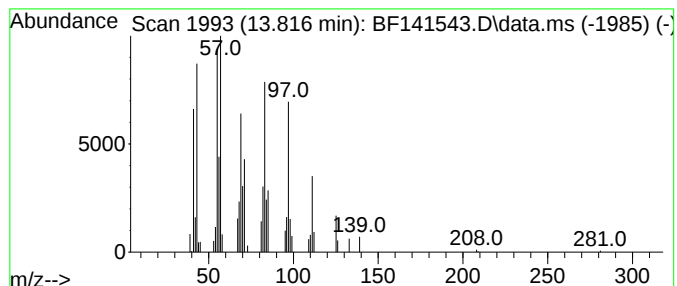
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	4.54 ng	134609	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			1-Docosene	308	C22H44	001599-67-3	94
3			Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94
4			1-Heptacosanol	396	C27H56O	002004-39-9	93
5			Behenic alcohol	326	C22H46O	000661-19-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.533	6.5	ng	235285	3	9.822	724392	20.0
n-Hexadecanoic ...	11.839	3.0	ng	113581	4	11.304	748889	20.0
1-Heneicosanol	13.816	4.5	ng	134609	5	13.951	593366	20.0