

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057415.D
 Acq On : 12 May 2023 18:57
 Operator : CG/JU
 Sample : 02747-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510

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-BG042723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057415.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.878	392	398	408	rBV	217160	358391	28.85%	7.184%
2	7.505	668	675	686	rBV	247782	426629	34.34%	8.552%
3	8.362	815	821	829	rBB	49684	82325	6.63%	1.650%
4	9.543	1014	1022	1033	rBB	143216	257816	20.75%	5.168%
5	11.200	1296	1304	1311	rBV	69094	121313	9.77%	2.432%
6	13.602	1706	1713	1722	rBV	477894	709223	57.09%	14.217%
7	14.977	1941	1947	1955	rBV	130081	201280	16.20%	4.035%
8	16.316	2169	2175	2180	rBV2	18675	26292	2.12%	0.527%
9	16.457	2193	2199	2213	rBV	380694	611340	49.21%	12.255%
10	17.720	2405	2414	2421	rBV	183364	282461	22.74%	5.662%
11	18.560	2552	2557	2567	rBV4	15927	35853	2.89%	0.719%
12	20.287	2845	2851	2857	rBV	971316	1242261	100.00%	24.902%
13	21.586	3068	3072	3079	rBV5	15096	32610	2.63%	0.654%
14	22.026	3141	3147	3156	rVB	179124	292789	23.57%	5.869%
15	24.417	3550	3554	3561	rVB7	8423	16990	1.37%	0.341%
16	25.533	3734	3744	3756	rVB2	97713	290933	23.42%	5.832%

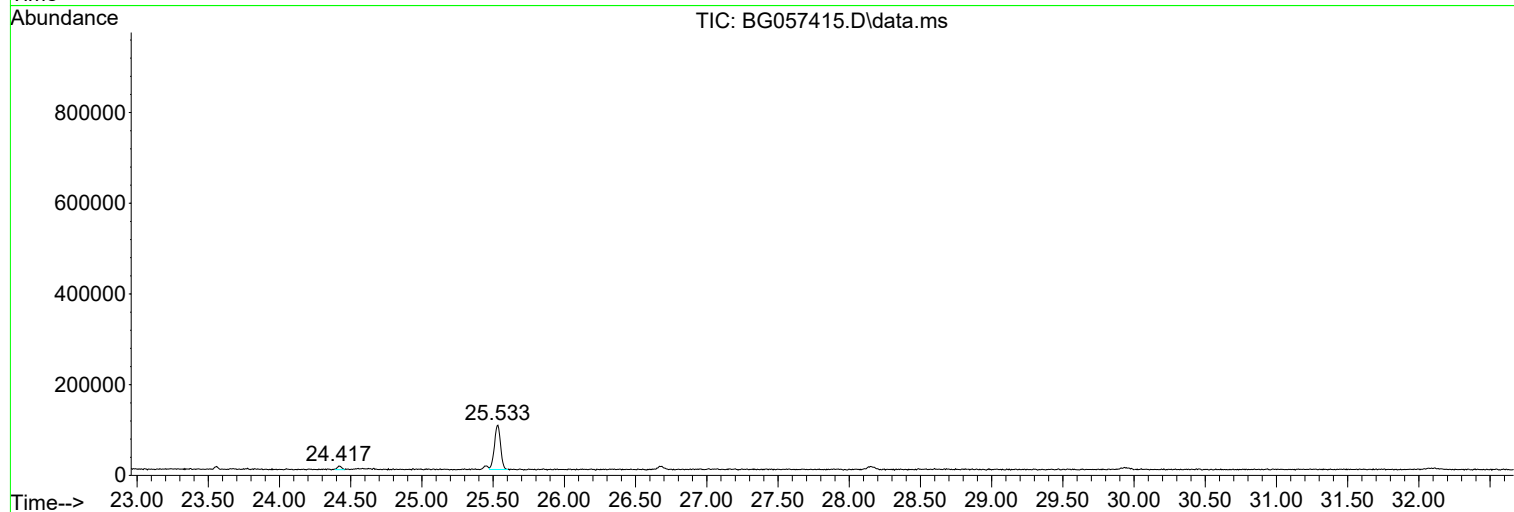
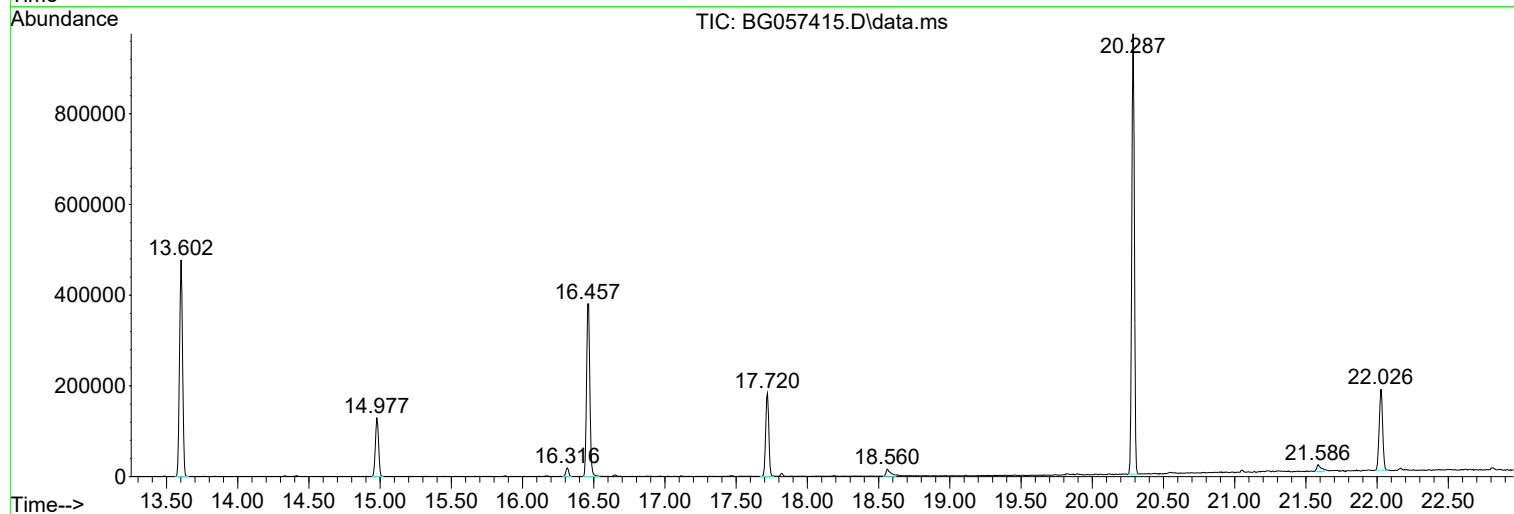
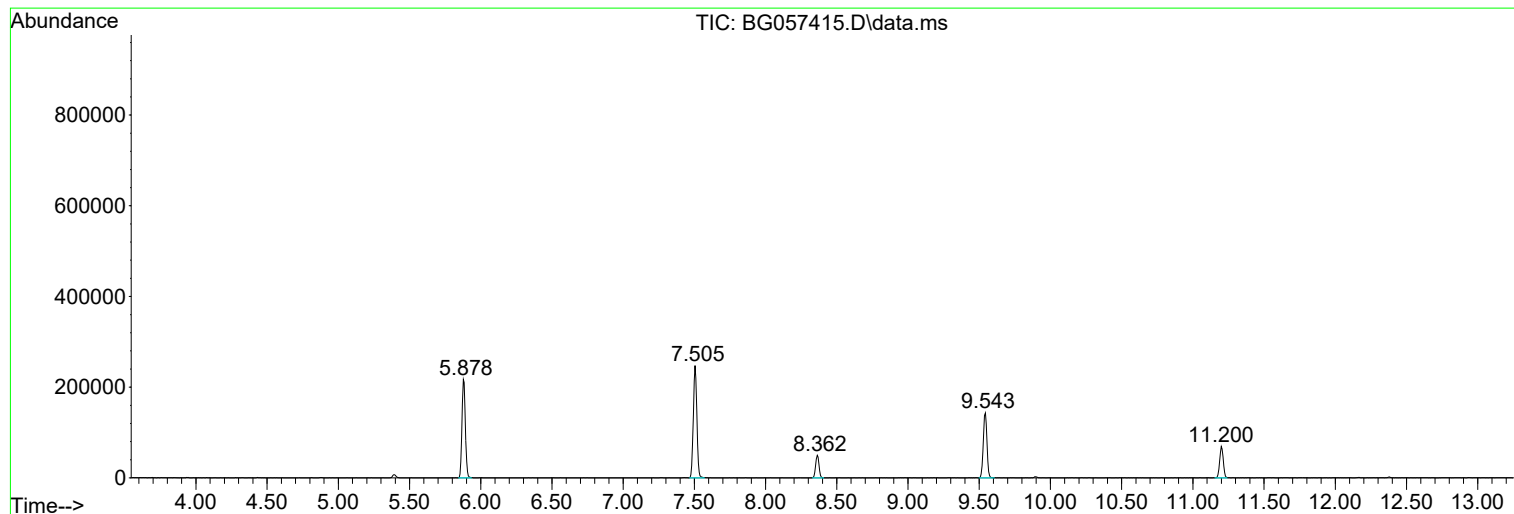
Sum of corrected areas: 4988506

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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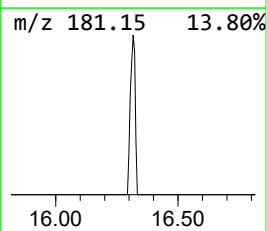
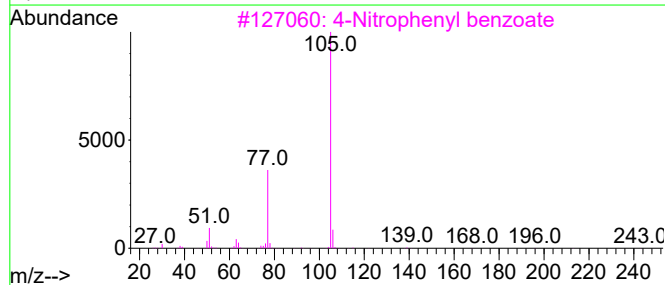
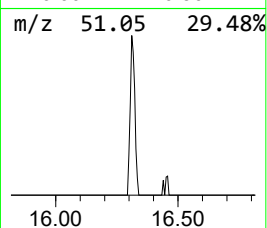
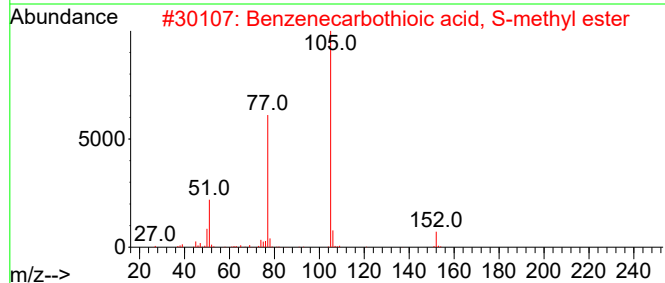
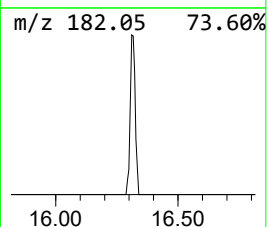
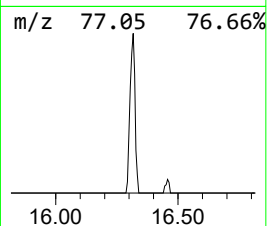
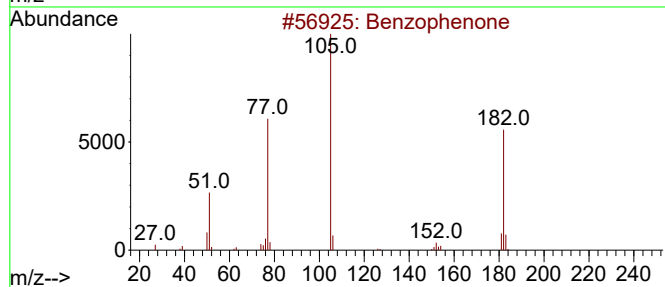
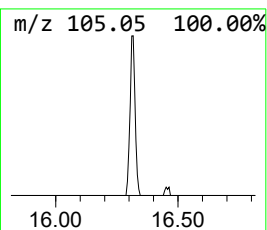
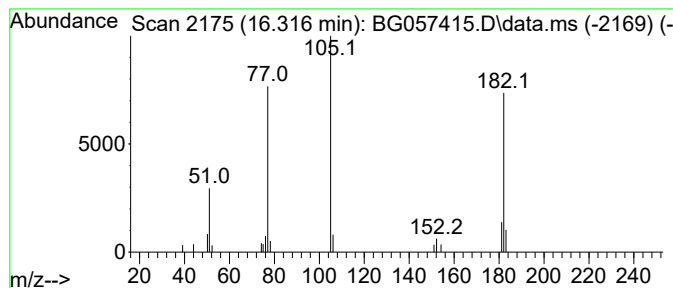
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
16.316	2.61 ng	26292	Acenaphthene-d10	14.977

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3			4-Nitrophenyl benzoate	243	C13H9NO4	000959-22-8	38
4			Thiophene-2-carboxaldehyde, 3-be...	248	C12H8O2S2	016237-89-1	38
5			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	38



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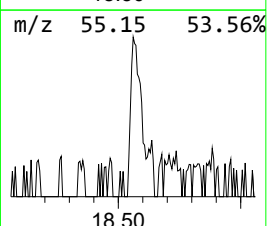
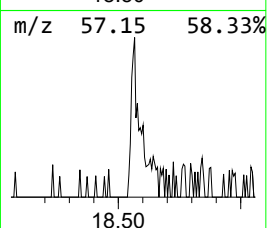
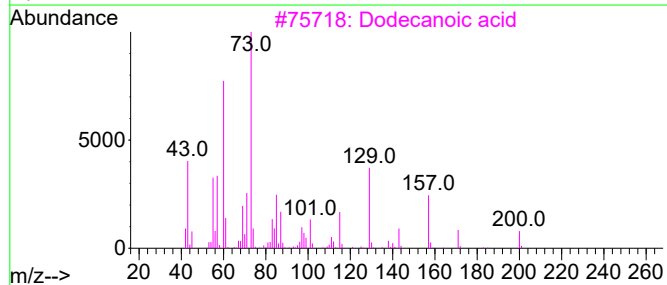
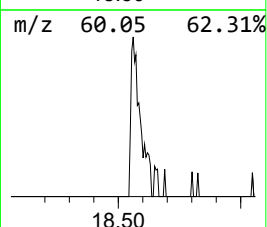
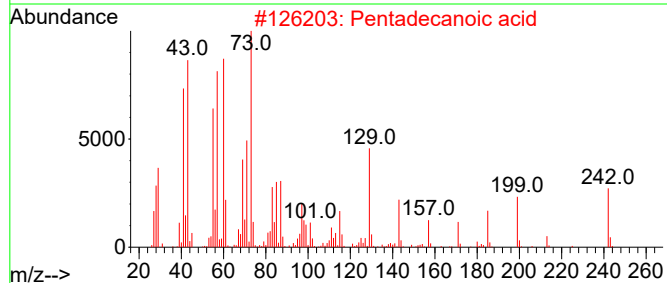
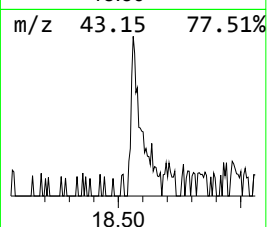
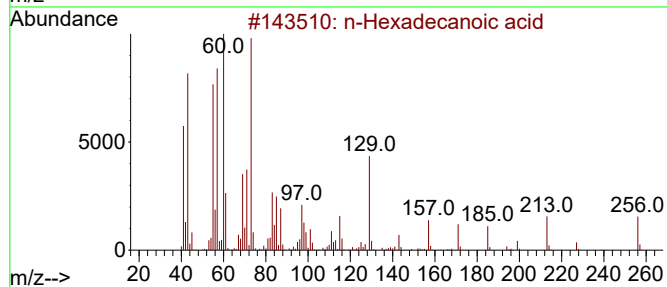
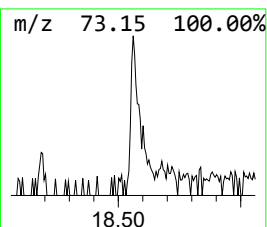
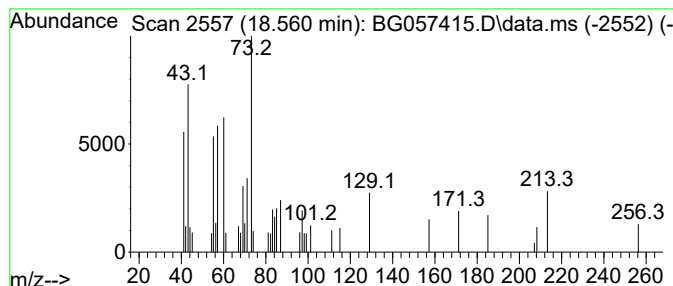
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TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	2.54 ng	35853	Phenanthrene-d10	17.720

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	50
3		Dodecanoic acid	200	C12H24O2	000143-07-7	43
4		n-Decanoic acid	172	C10H20O2	000334-48-5	43
5		8-Methylnonanoic acid	172	C10H20O2	005963-14-4	35



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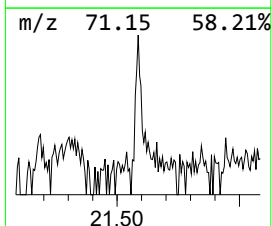
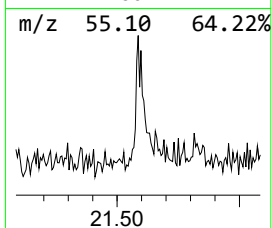
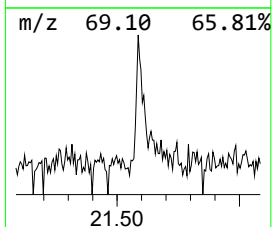
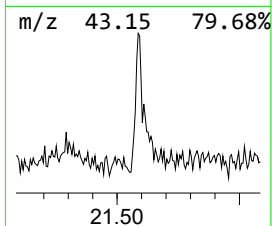
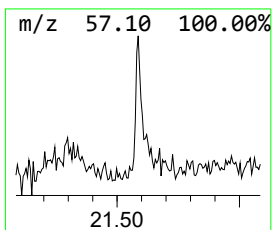
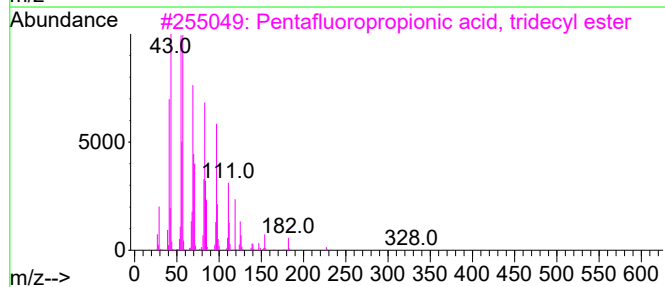
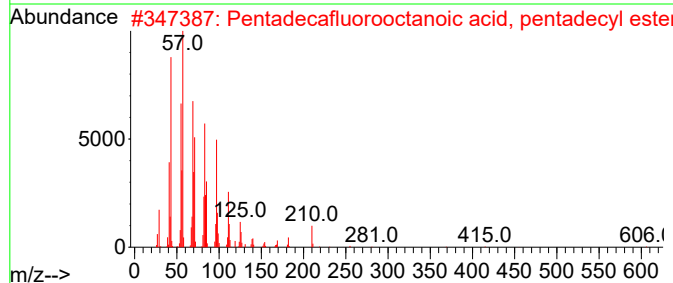
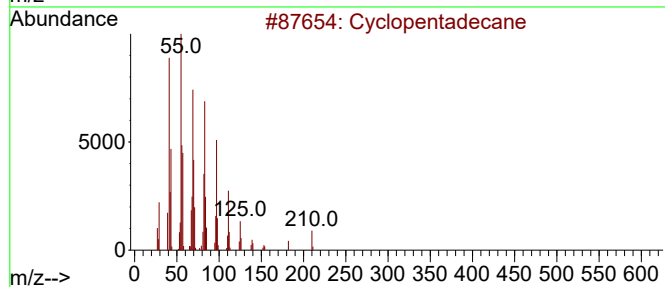
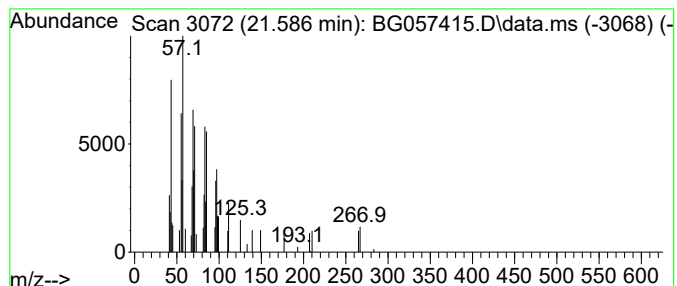
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Peak Number 3 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.586	2.23 ng	32610	Chrysene-d12	22.026

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	95
2			Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	76
3			Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	60
4			1-Pentadecene	210	C15H30	013360-61-7	60
5			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	16.316	2.6	ng	26292	3	14.977	201280	20.0
n-Hexadecanoic ...	18.560	2.5	ng	35853	4	17.720	282461	20.0
Cyclopentadecane	21.586	2.2	ng	32610	5	22.026	292789	20.0