

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136921.D
 Acq On : 03 Jan 2024 22:25
 Operator : CG\JU
 Sample : 05897-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-24

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136921.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	493	498	505	rVB	18067	22939	1.95%	0.274%
2	5.381	556	560	564	rBV	20604	21204	1.80%	0.253%
3	5.422	564	567	588	rVB	1152138	1065067	90.47%	12.733%
4	5.634	600	603	608	rBV	24918	22907	1.95%	0.274%
5	6.428	734	738	750	rBV	1222136	1039481	88.29%	12.427%
6	6.604	765	768	775	rBV2	23680	22420	1.90%	0.268%
7	6.781	794	798	802	rBV	484407	371176	31.53%	4.437%
8	7.339	889	893	897	rBV	750260	669601	56.88%	8.005%
9	8.057	1009	1015	1018	rBV	600563	482030	40.94%	5.763%
10	8.769	1133	1136	1140	rVB	43003	30897	2.62%	0.369%
11	8.869	1150	1153	1156	rBV	30923	22823	1.94%	0.273%
12	9.133	1194	1198	1201	rBV	1508532	1177317	100.00%	14.075%
13	9.469	1251	1255	1258	rBV2	14084	15089	1.28%	0.180%
14	9.810	1310	1313	1317	rBV	526895	444340	37.74%	5.312%
15	10.604	1445	1448	1454	rBV	634794	531425	45.14%	6.353%
16	10.733	1465	1470	1473	rVB	29570	36421	3.09%	0.435%
17	11.045	1519	1523	1527	rVB5	12084	15143	1.29%	0.181%
18	11.304	1564	1567	1571	rBV	477282	379887	32.27%	4.542%
19	11.839	1655	1658	1670	rVB	153245	148883	12.65%	1.780%
20	12.627	1789	1792	1800	rBV3	37994	57423	4.88%	0.686%
21	12.898	1834	1838	1842	rBV	1047533	925811	78.64%	11.068%
22	13.851	1996	2000	2006	rBV3	41037	78777	6.69%	0.942%
23	13.963	2015	2019	2024	rBV	400652	364555	30.96%	4.358%
24	14.433	2097	2099	2102	rBV3	27023	20350	1.73%	0.243%
25	15.445	2267	2271	2278	rVB	315252	398735	33.87%	4.767%

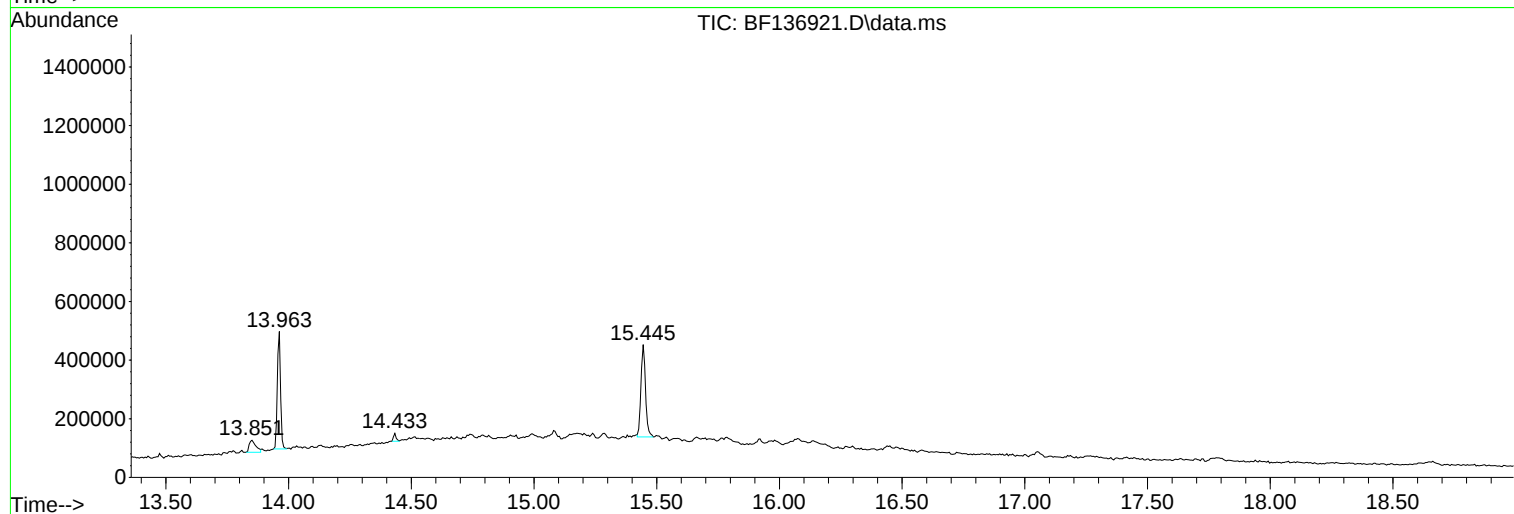
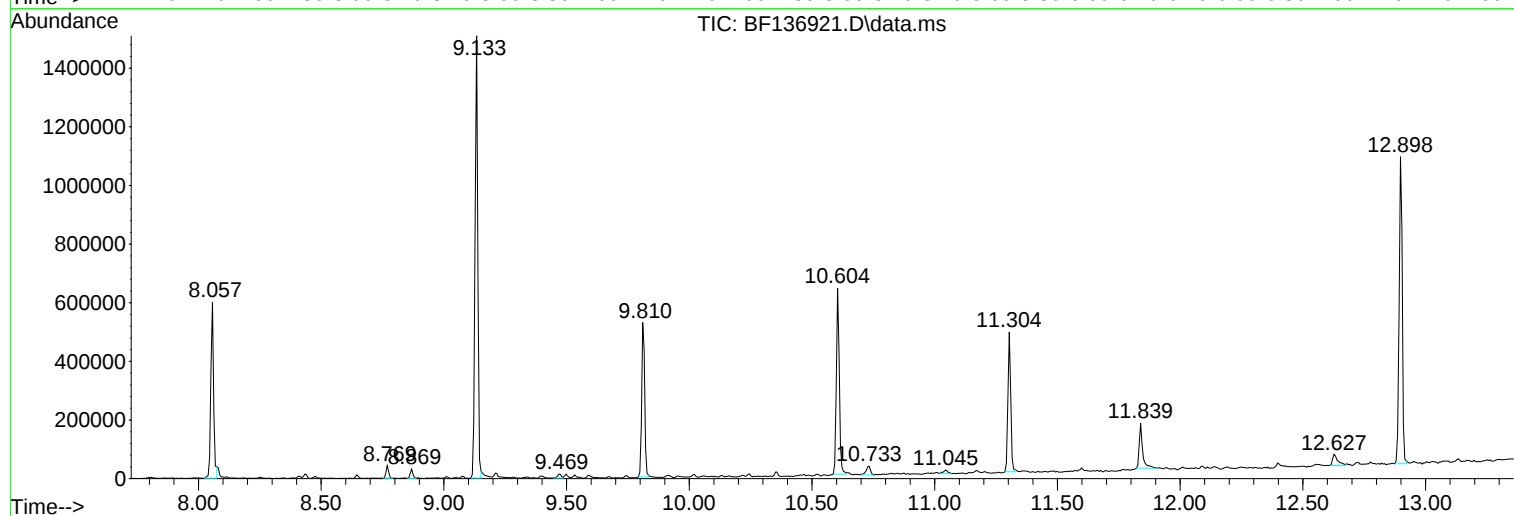
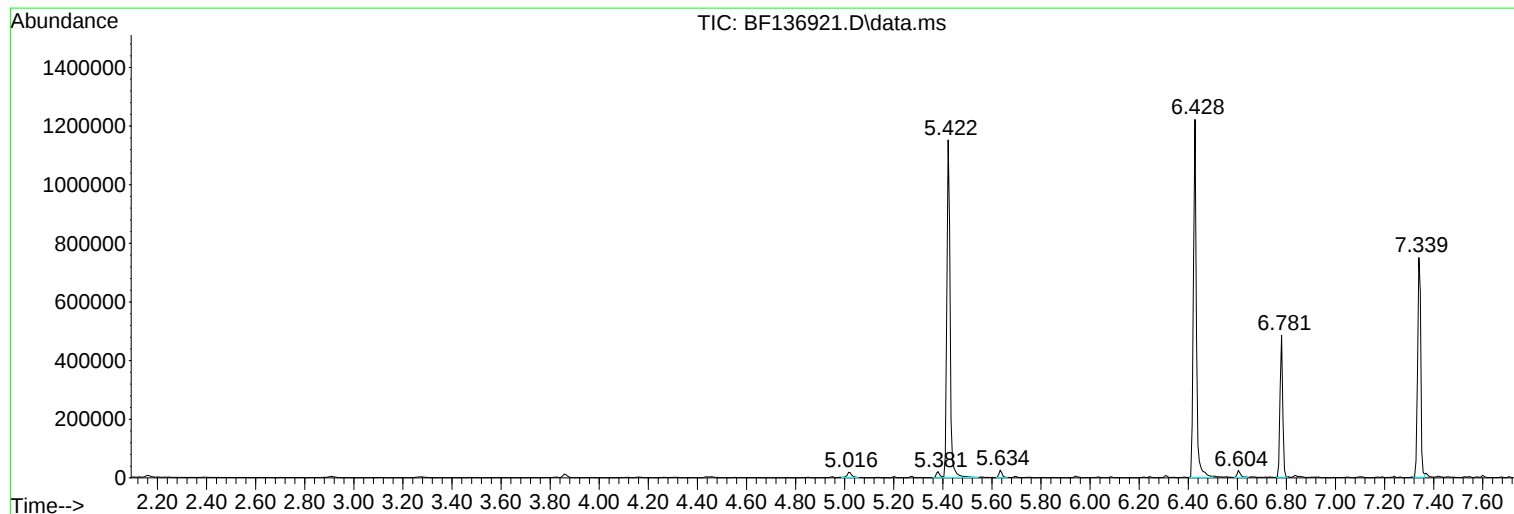
Sum of corrected areas: 8364701

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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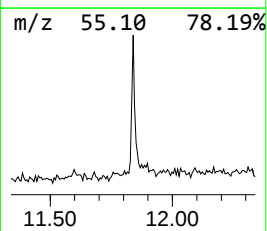
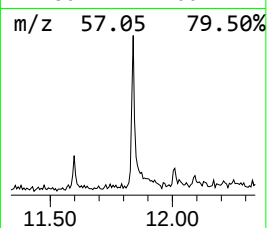
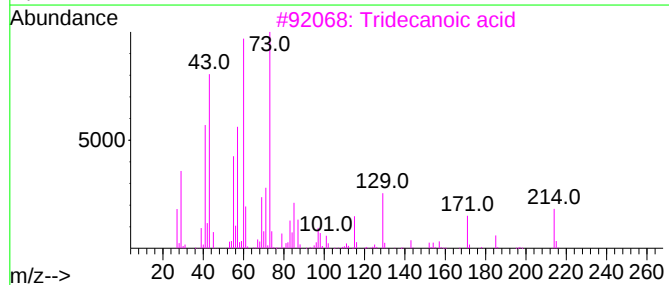
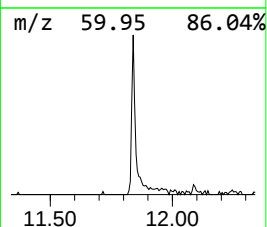
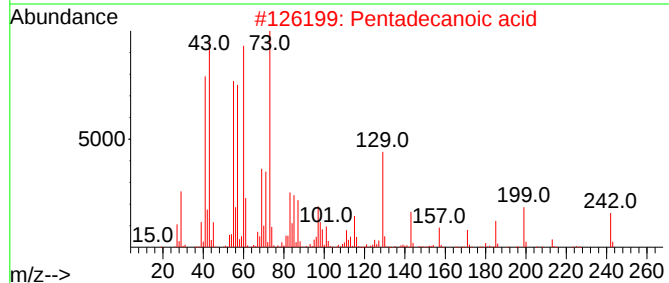
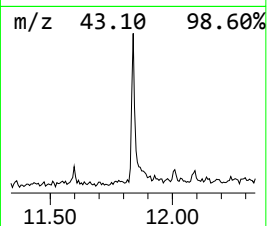
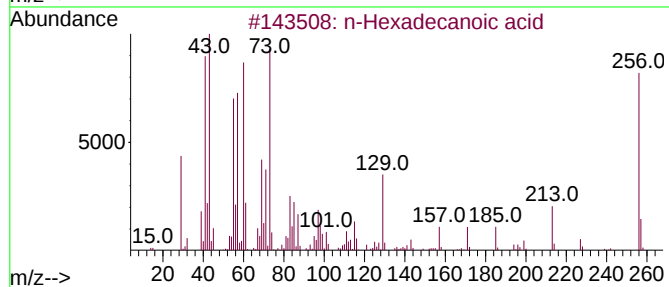
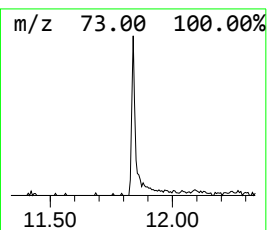
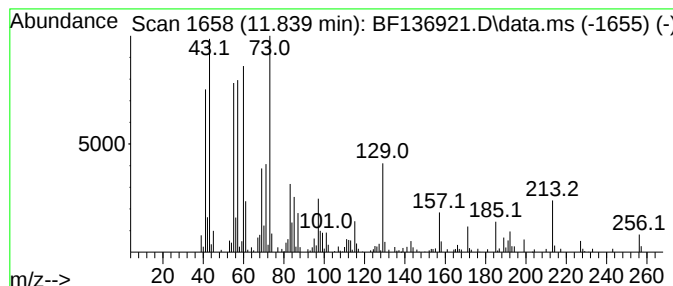
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	7.84 ng	148883	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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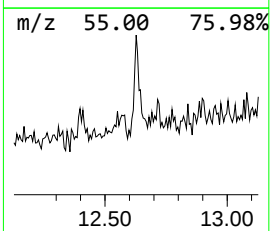
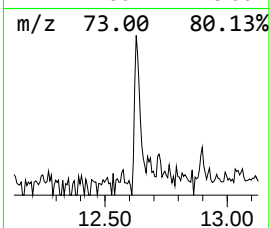
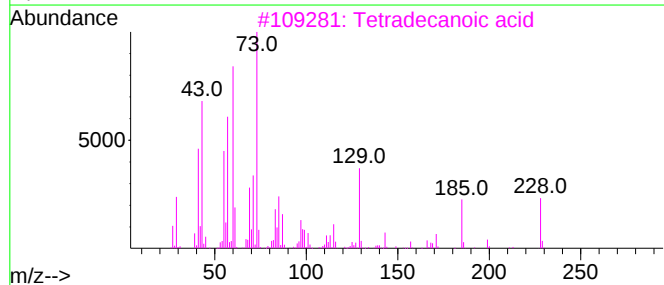
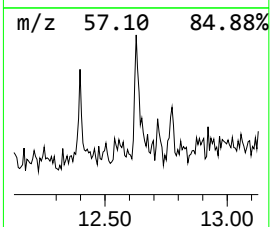
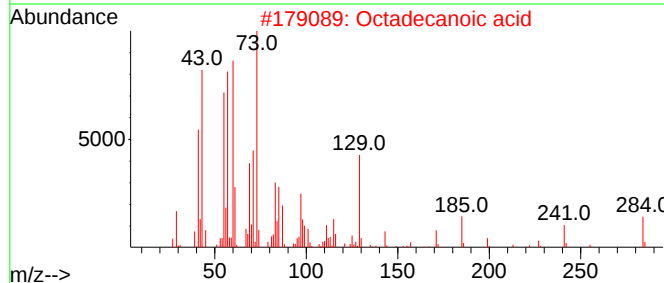
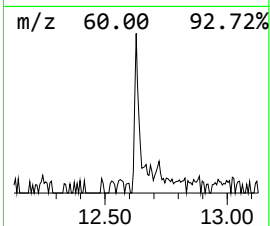
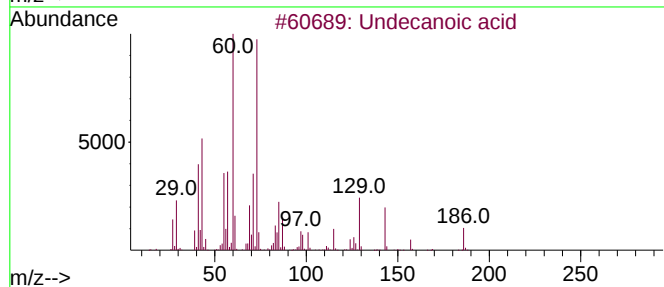
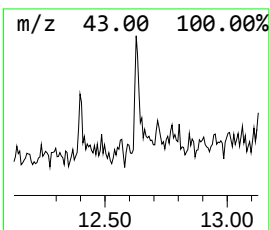
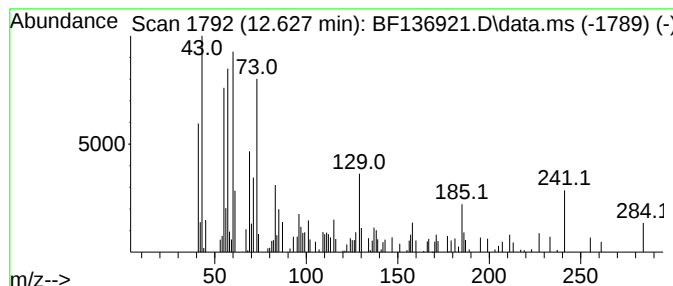
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Peak Number 2 Undecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	3.02 ng	57423	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



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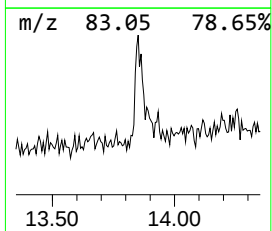
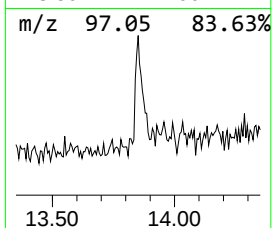
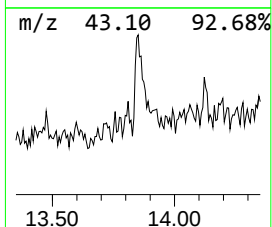
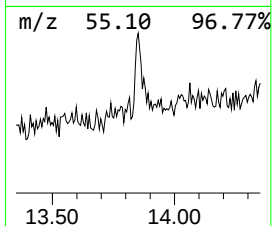
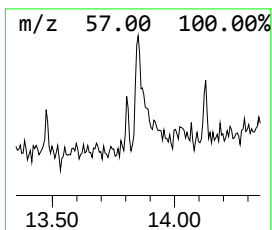
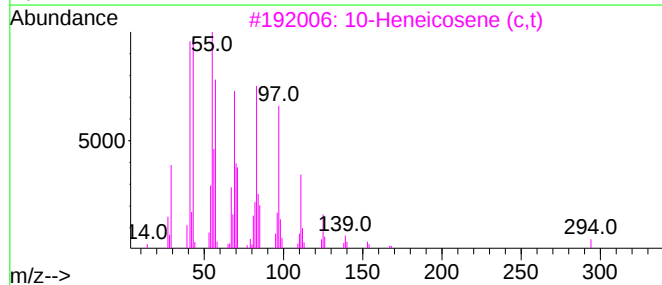
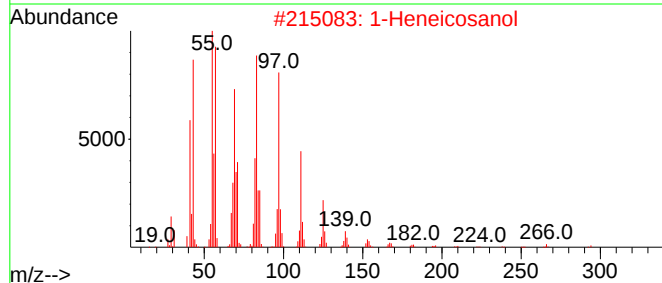
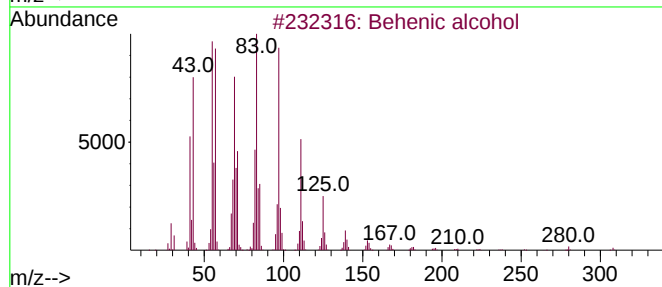
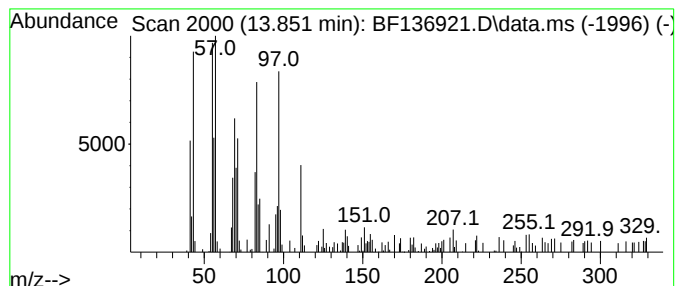
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Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.851	4.32 ng	78777	Chrysene-d12	13.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
4	1-Tricosanol	340	C23H48O	003133-01-5	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.839	7.8	ng	148883	4	11.304	379887	20.0
Undecanoic acid	12.627	3.0	ng	57423	4	11.304	379887	20.0
Behenic alcohol	13.851	4.3	ng	78777	5	13.963	364555	20.0