

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033313.D
 Acq On : 06 Dec 2021 15:35
 Operator : CG/JU
 Sample : M4917-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-36

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_M\Methods\8270-BM112421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.513	363	370	378	rBV	1232743	1884789	26.56%	5.886%
2	7.101	633	640	655	rBV	809486	1425619	20.09%	4.452%
3	7.925	771	780	786	rBV	491701	789749	11.13%	2.466%
4	9.090	970	978	993	rBV	1638165	2890676	40.74%	9.028%
5	10.501	1209	1218	1227	rBV2	34643	72935	1.03%	0.228%
6	10.719	1248	1255	1262	rBV	619122	1065370	15.02%	3.327%
7	13.172	1663	1672	1682	rBV	3624880	5489284	77.37%	17.143%
8	14.189	1841	1845	1852	rVB6	46661	72329	1.02%	0.226%
9	14.354	1868	1873	1882	rBV	78197	158204	2.23%	0.494%
10	14.548	1899	1906	1913	rBV	849744	1319509	18.60%	4.121%
11	16.036	2152	2159	2176	rBV	2445391	3804430	53.62%	11.881%
12	17.283	2366	2371	2377	rBV	1059480	1550561	21.85%	4.842%
13	18.165	2517	2521	2531	rBV2	130728	230304	3.25%	0.719%
14	19.895	2809	2815	2825	rBV	5573324	7095253	100.00%	22.159%
15	21.142	3024	3027	3037	rBV	345513	476631	6.72%	1.489%
16	21.448	3074	3079	3084	rBV	1389858	1838321	25.91%	5.741%
17	23.777	3470	3475	3484	rVB2	920974	1856130	26.16%	5.797%

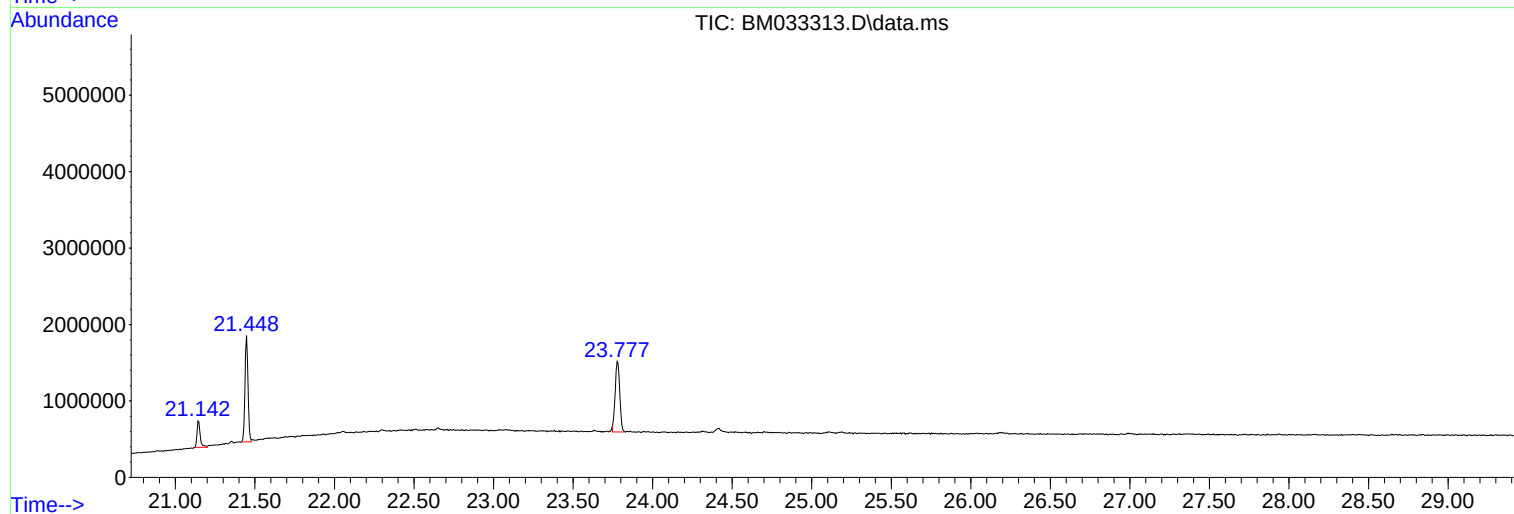
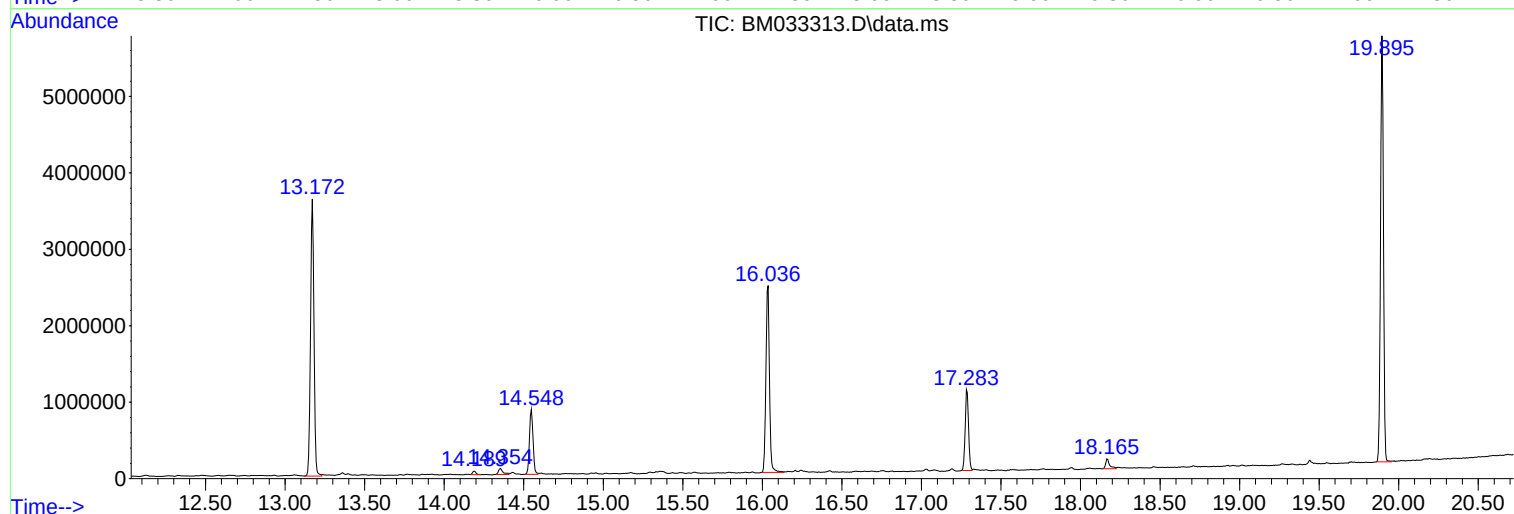
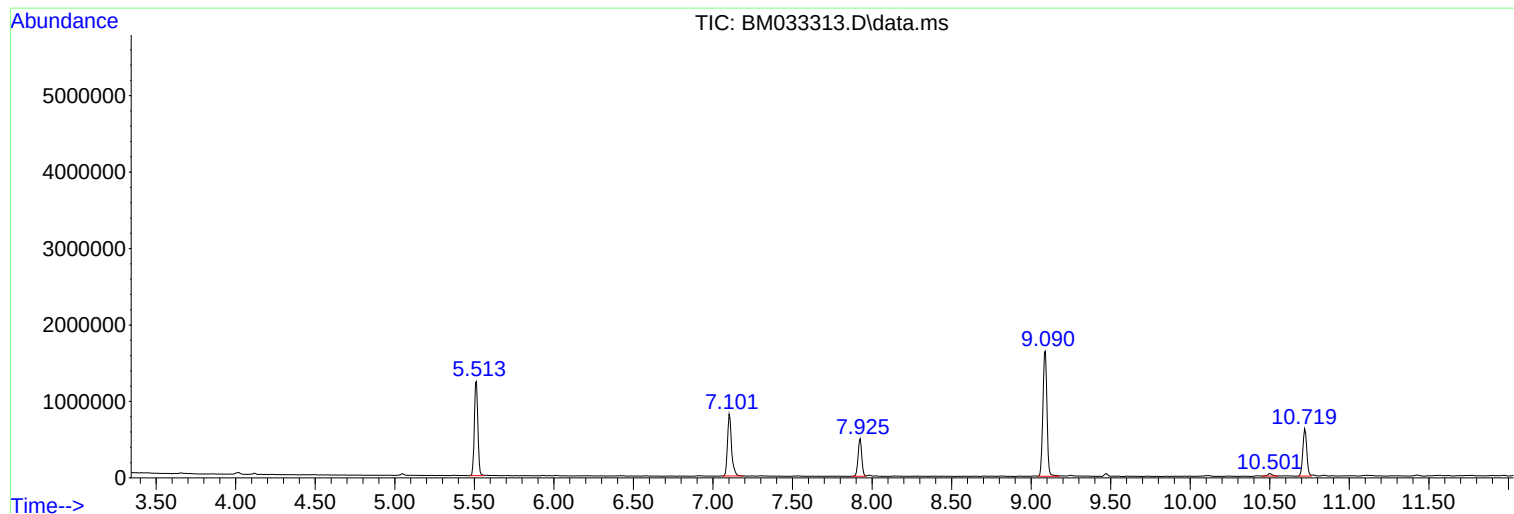
Sum of corrected areas: 32020094

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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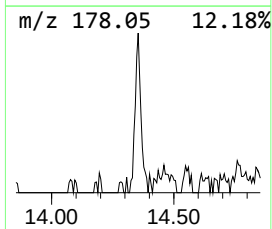
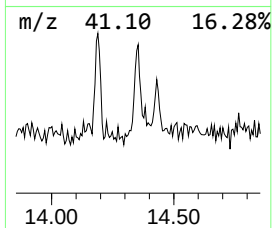
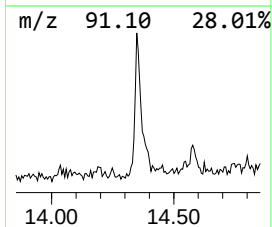
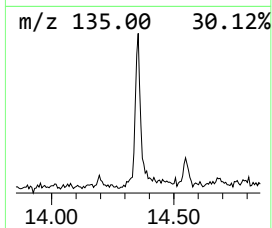
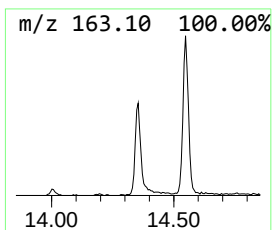
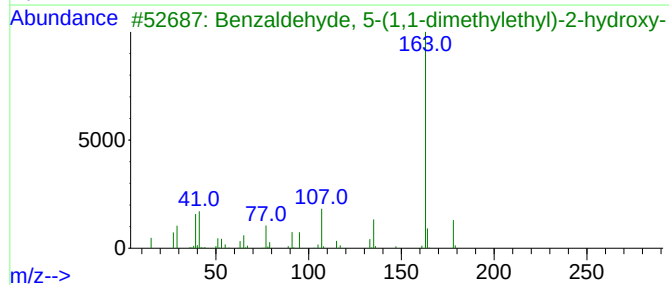
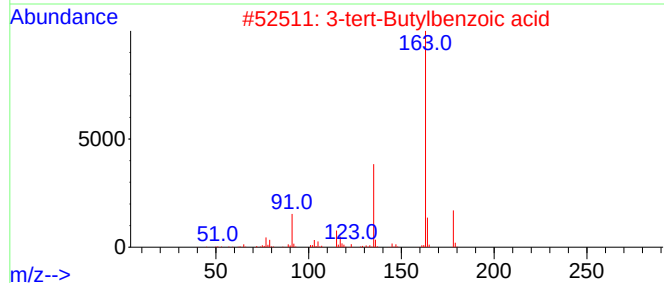
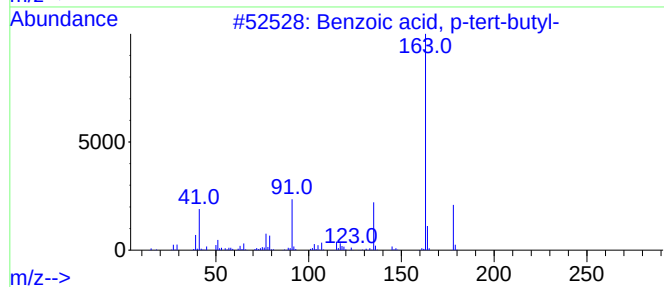
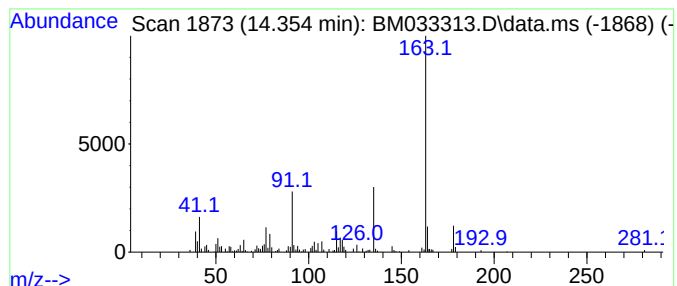
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzoic acid, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.354	2.40 ng	158204	Acenaphthene-d10	14.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	90
2			3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	86
3			Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64
4			6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	64
5			Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	59



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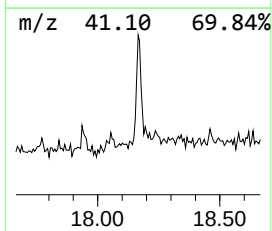
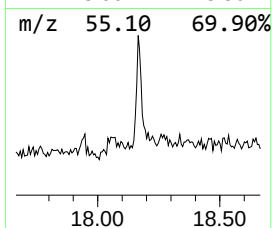
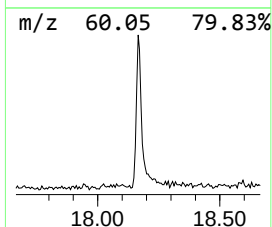
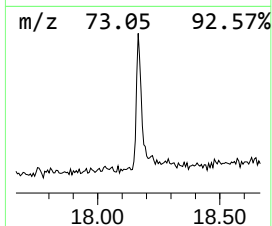
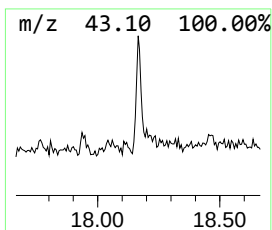
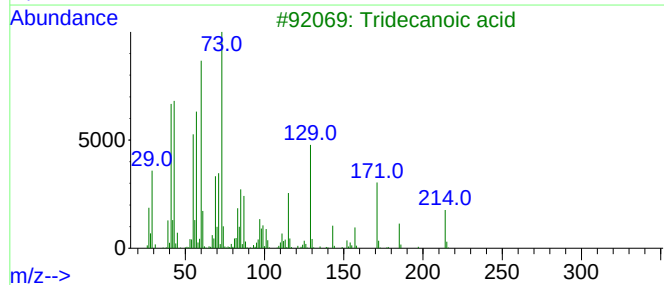
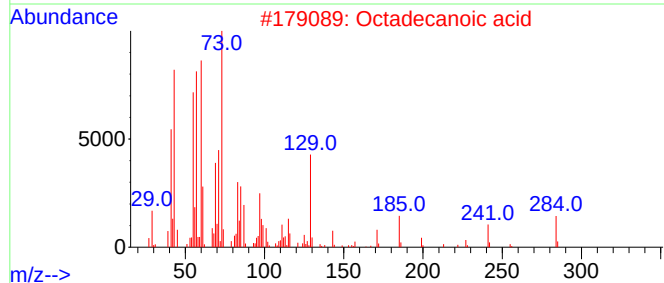
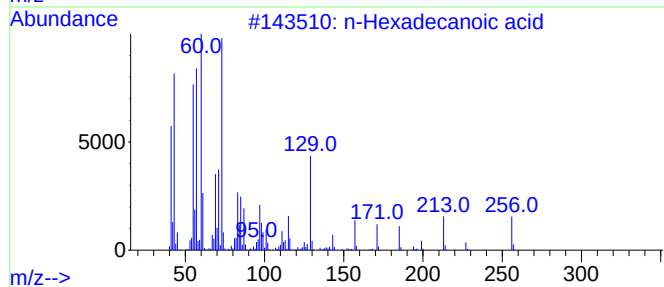
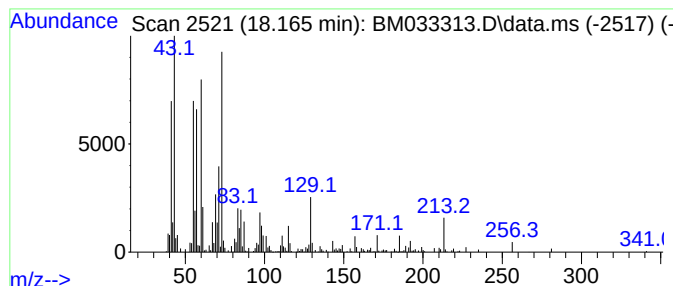
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	2.97 ng	230304	Phenanthrene-d10	17.283

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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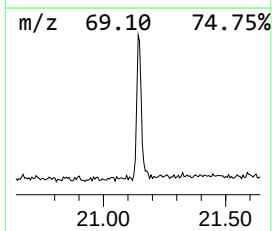
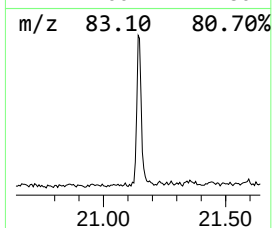
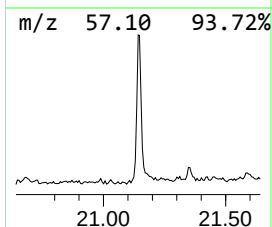
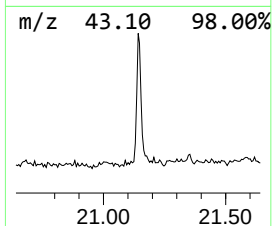
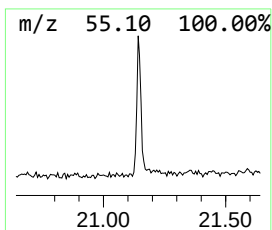
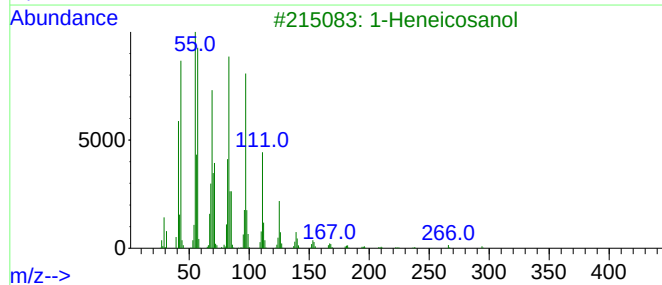
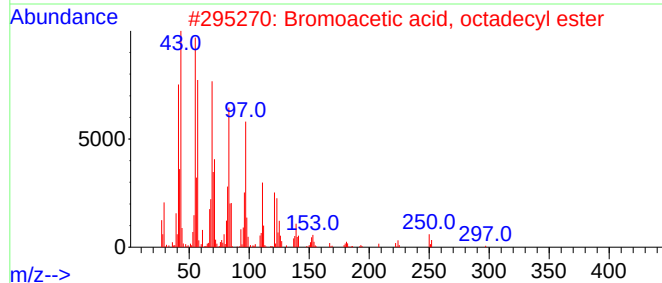
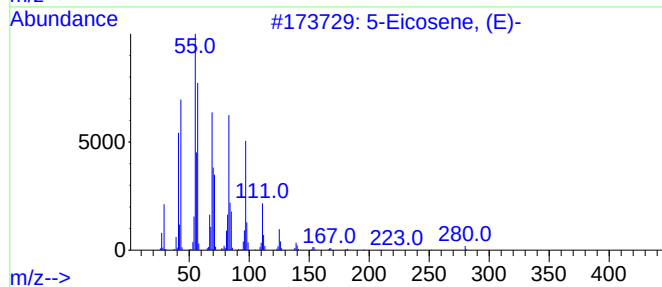
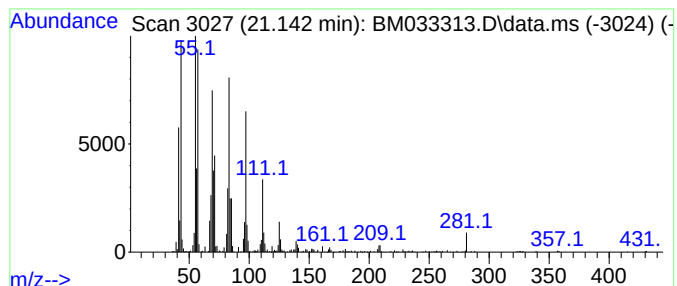
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.142	5.19 ng	476631	Chrysene-d12	21.448

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzoic acid, p...	14.354	2.4	ng	158204	3	14.548	1319510	20.0
n-Hexadecanoic ...	18.165	3.0	ng	230304	4	17.283	1550560	20.0
5-Eicosene, (E)-	21.142	5.2	ng	476631	5	21.448	1838320	20.0