

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
 Data File : BM035298.D
 Acq On : 27 May 2022 20:40
 Operator : CG/JU
 Sample : N2921-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P013-SS004-0006-01

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-BM052722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035298.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	396	403	415	rBV	2116633	3057271	50.88%	9.645%
2	7.051	665	674	690	rBV	1944837	3128102	52.06%	9.869%
3	7.875	805	814	823	rBV	529367	839702	13.98%	2.649%
4	9.033	1003	1011	1022	rBV	1218481	2007784	33.42%	6.334%
5	10.675	1282	1290	1301	rBV	647912	1089887	18.14%	3.438%
6	13.139	1702	1709	1720	rBV	3048642	4385004	72.98%	13.834%
7	14.510	1935	1942	1958	rVB	930589	1364399	22.71%	4.304%
8	15.998	2189	2195	2203	rBV	2197740	3160625	52.60%	9.971%
9	17.256	2402	2409	2415	rBV	1077518	1519637	25.29%	4.794%
10	18.156	2557	2562	2572	rBV	342707	528316	8.79%	1.667%
11	19.433	2775	2779	2791	rBV	218260	325502	5.42%	1.027%
12	19.880	2849	2855	2860	rBV	4878850	6008527	100.00%	18.956%
13	21.150	3065	3071	3081	rBV2	383770	772302	12.85%	2.436%
14	21.433	3114	3119	3130	rBV	1382433	1780035	29.63%	5.616%
15	23.797	3515	3521	3531	rVB2	858499	1730647	28.80%	5.460%

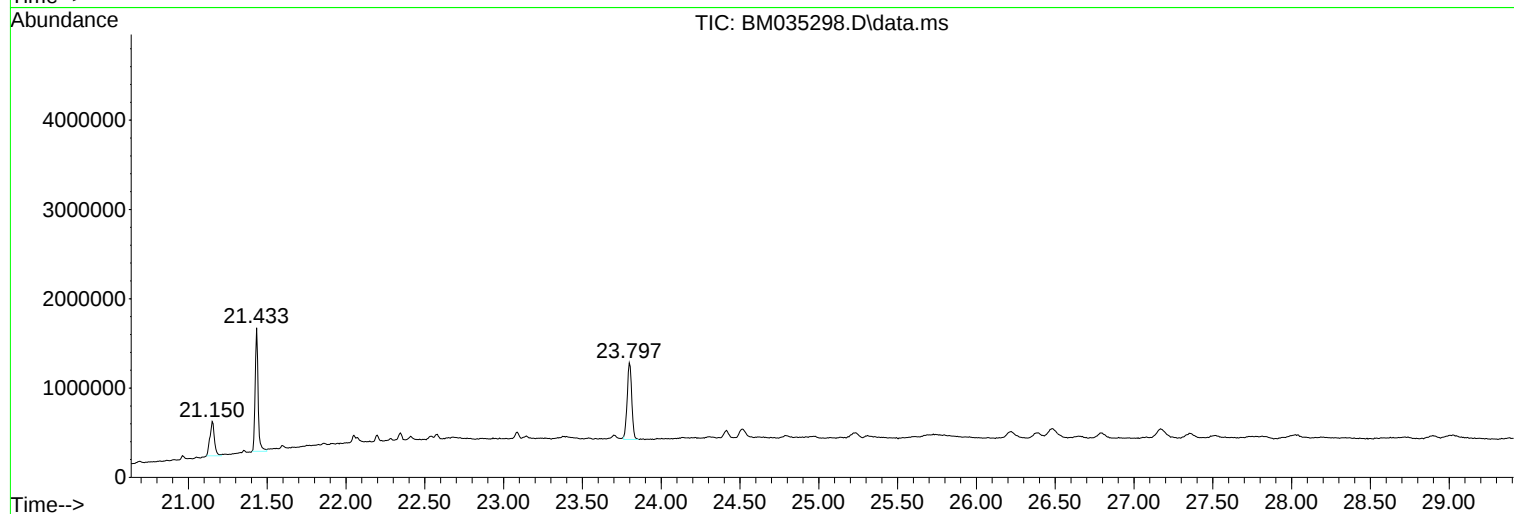
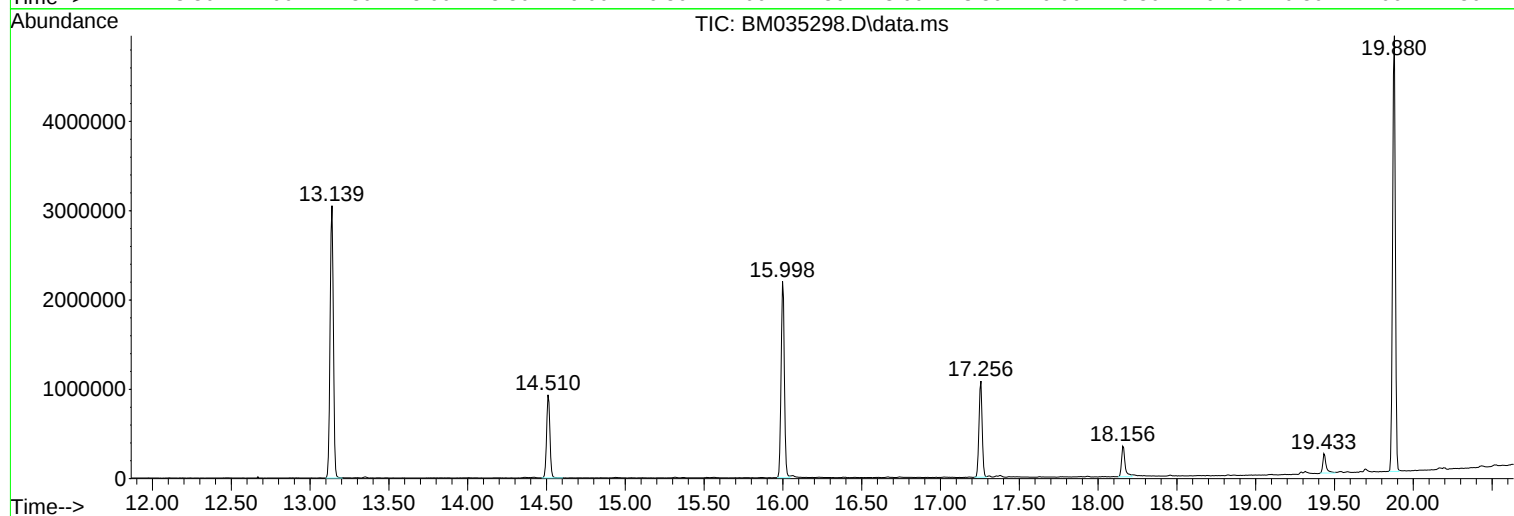
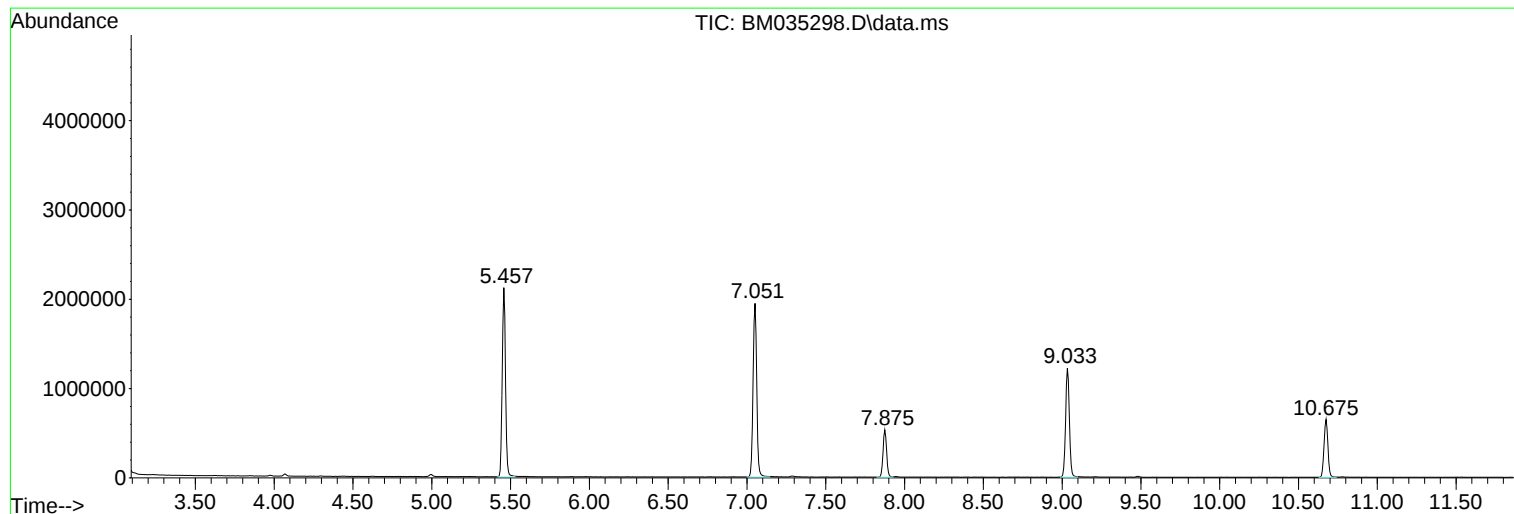
Sum of corrected areas: 31697740

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.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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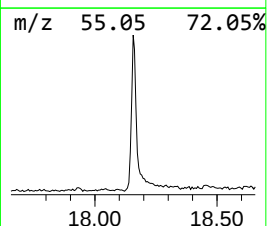
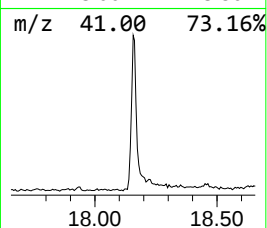
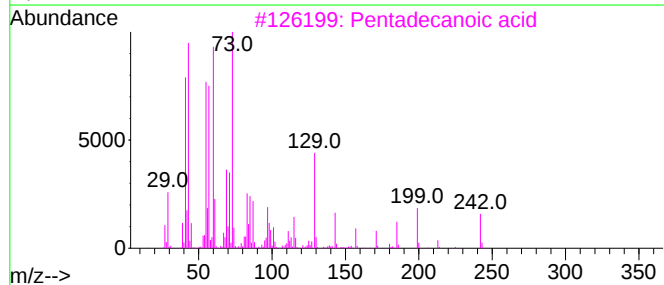
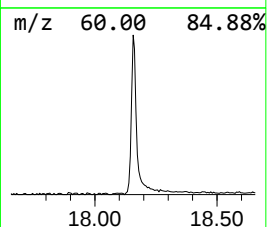
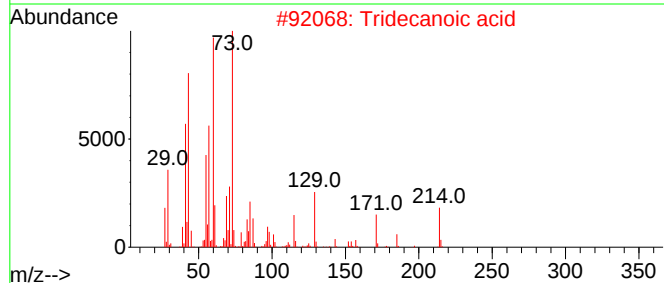
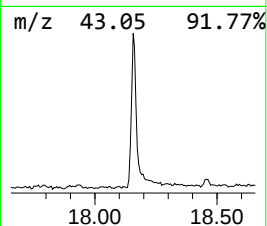
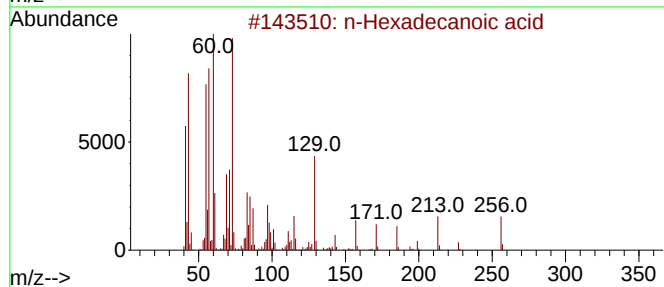
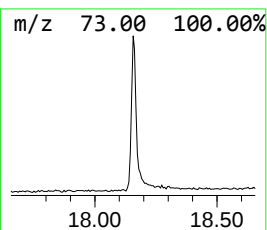
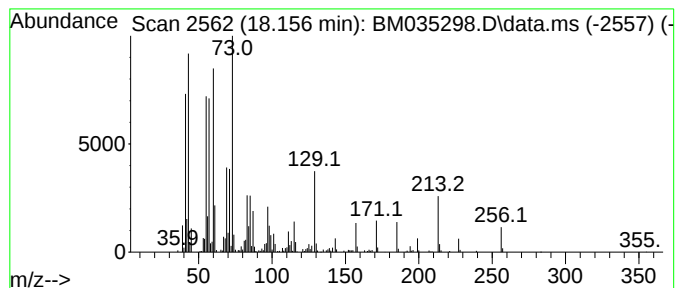
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.156	6.95 ng	528316	Phenanthrene-d10	17.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			Nonanoic acid	158	C9H18O2	000112-05-0	45



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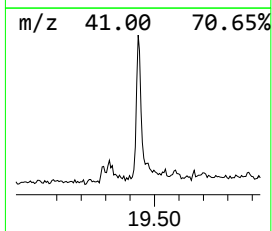
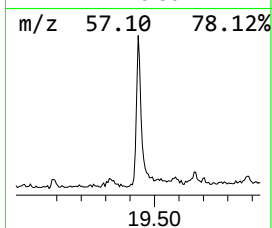
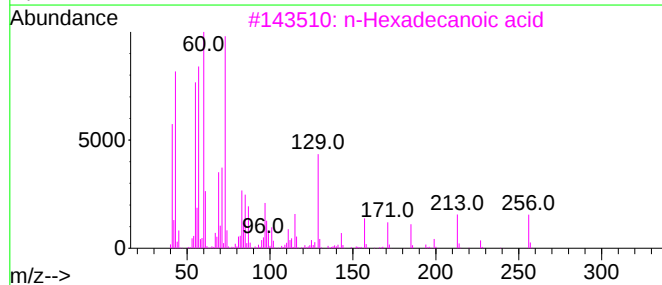
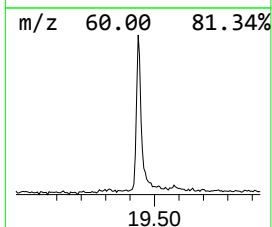
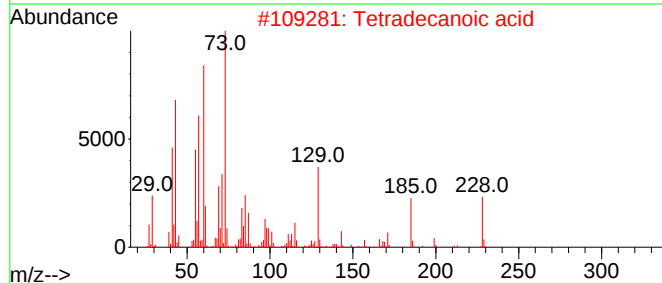
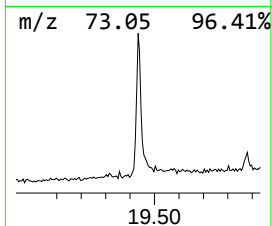
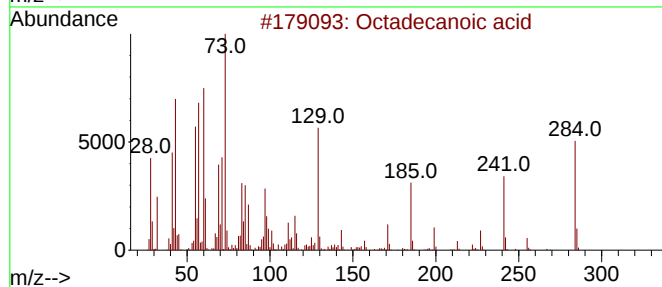
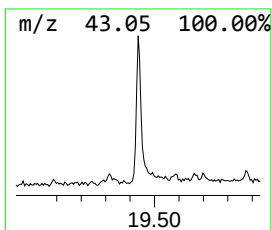
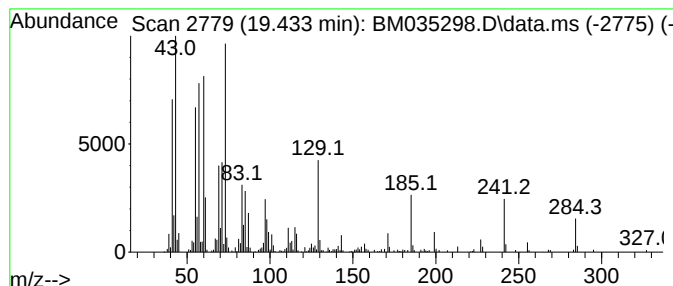
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	3.66 ng	325502	Chrysene-d12	21.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			n-Decanoic acid	172	C10H20O2	000334-48-5	78
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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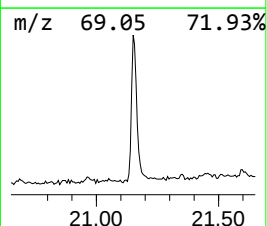
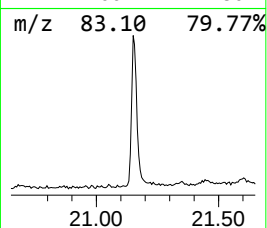
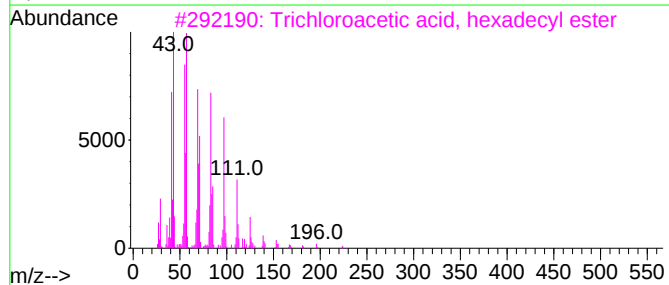
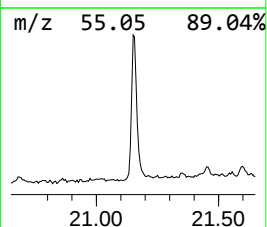
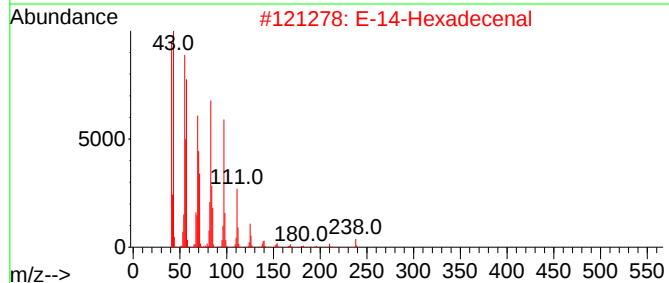
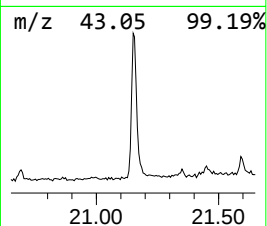
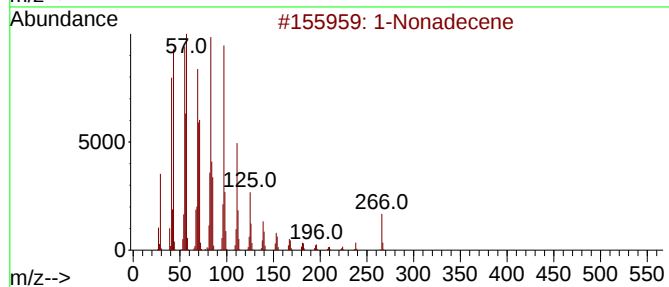
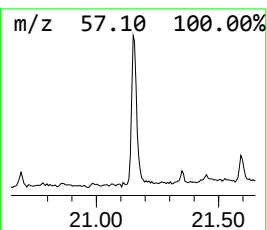
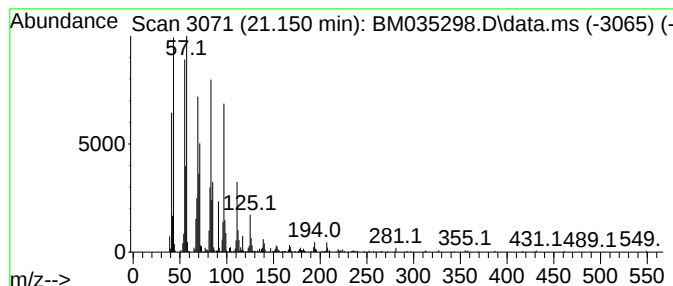
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Peak Number 3 1-Nonadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.150	8.68 ng	772302	Chrysene-d12	21.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	98
2	E-14-Hexadecenal			238	C16H30O	330207-53-9	95
3	Trichloroacetic acid, hexadecyl ...			386	C18H33Cl3O2	074339-54-1	94
4	1-Hexacosene			364	C26H52	018835-33-1	94
5	Heptadecyl heptafluorobutyrate			452	C21H35F7O2	959085-66-6	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.156	7.0	ng	528316	4	17.256	1519640	20.0
Octadecanoic acid	19.433	3.7	ng	325502	5	21.433	1780040	20.0
1-Nonadecene	21.150	8.7	ng	772302	5	21.433	1780040	20.0