

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
 Data File : BG048142.D
 Acq On : 11 Feb 2021 19:14
 Operator : CG/JU
 Sample : M1388-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BP25

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-BG021021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048142.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.655	388	394	404	rBV	475739	779884	15.53%	4.488%
2	7.247	657	665	678	rBV	288748	521365	10.38%	3.000%
3	8.105	804	811	817	rBV	164672	277118	5.52%	1.595%
4	9.262	999	1008	1019	rBV	631901	1113135	22.16%	6.405%
5	10.914	1282	1289	1299	rVB	219898	377267	7.51%	2.171%
6	13.352	1697	1704	1711	rBV	1774163	2664041	53.04%	15.329%
7	14.169	1838	1843	1848	rBV2	36782	52953	1.05%	0.305%
8	14.727	1931	1938	1945	rBV	375750	590948	11.77%	3.400%
9	16.207	2183	2190	2202	rBV	1626640	2456714	48.91%	14.136%
10	17.465	2398	2404	2412	rBV	557177	822817	16.38%	4.735%
11	18.346	2550	2554	2571	rBV	132319	322275	6.42%	1.854%
12	19.615	2766	2770	2782	rBV3	68674	170450	3.39%	0.981%
13	20.067	2841	2847	2854	rBV	3729885	5022908	100.00%	28.902%
14	21.366	3064	3068	3077	rBV4	147107	249311	4.96%	1.435%
15	21.736	3125	3131	3141	rVB2	583266	970877	19.33%	5.587%
16	24.997	3676	3686	3699	rVB2	323743	986820	19.65%	5.678%

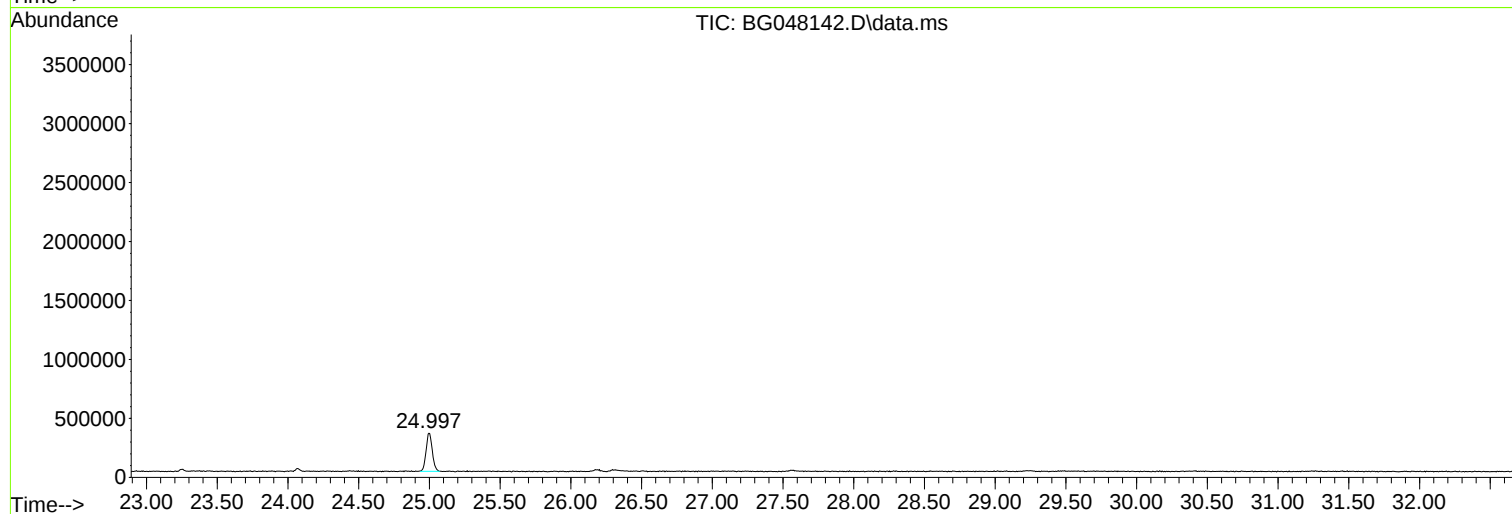
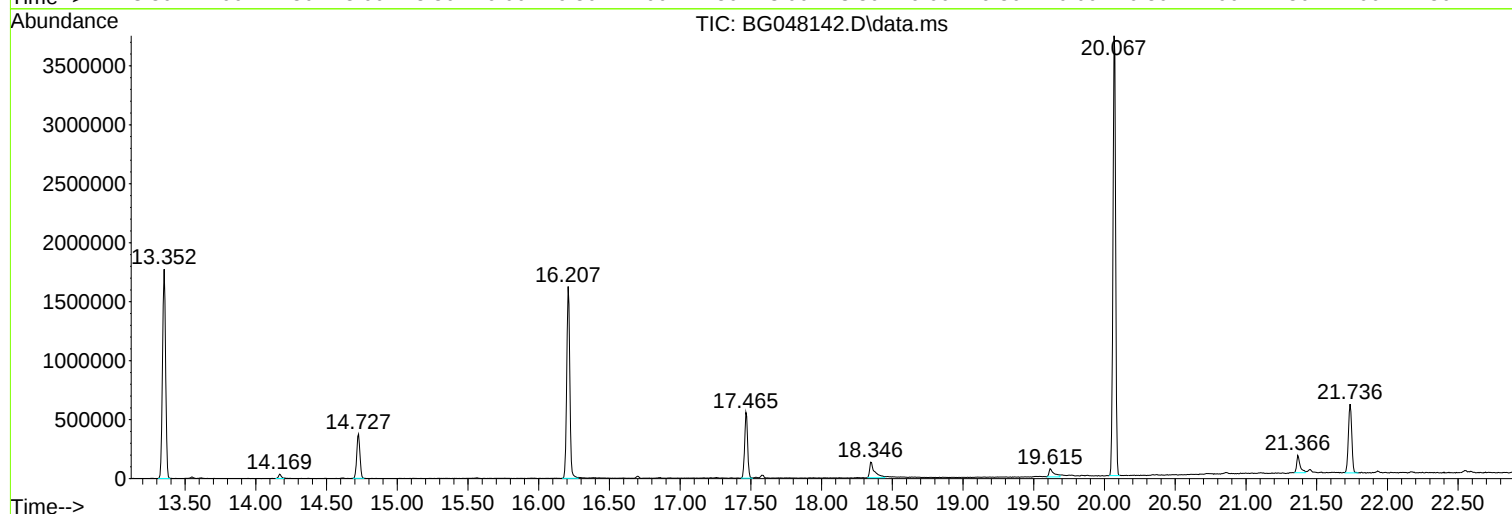
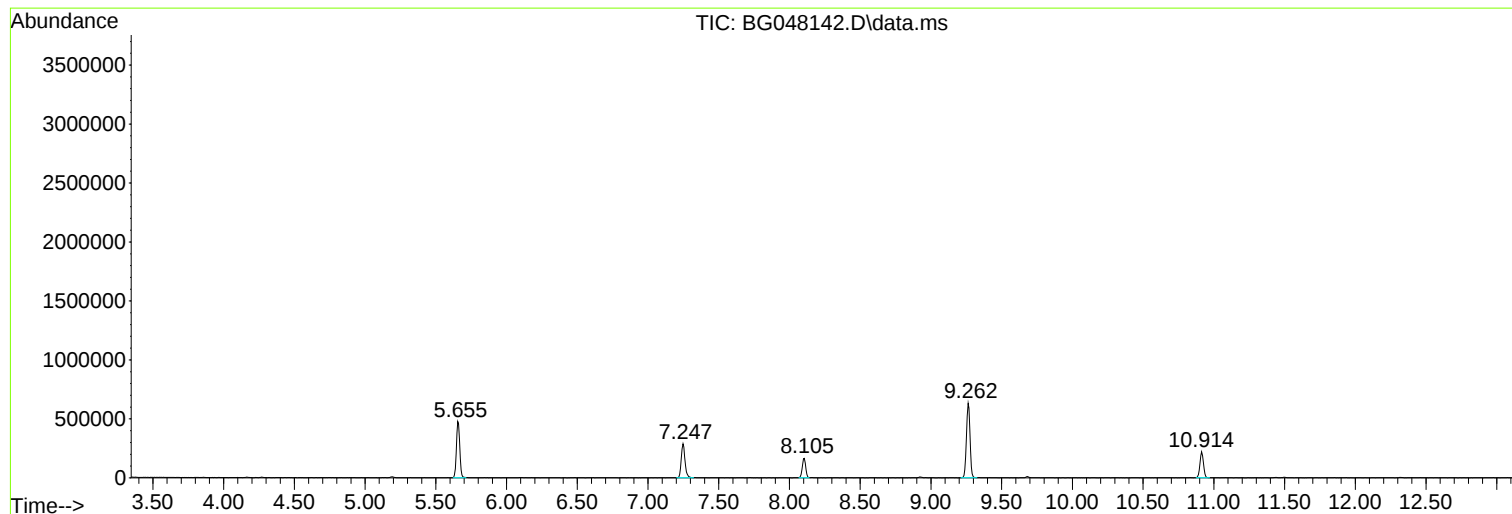
Sum of corrected areas: 17378883

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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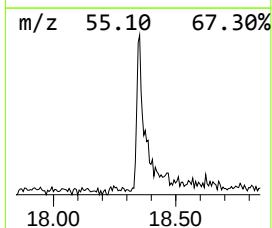
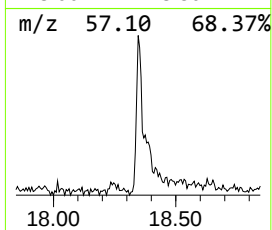
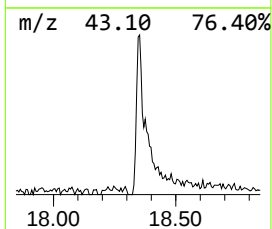
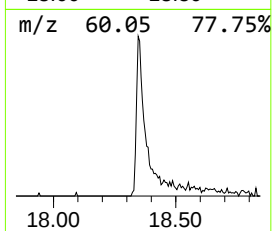
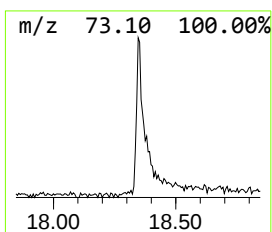
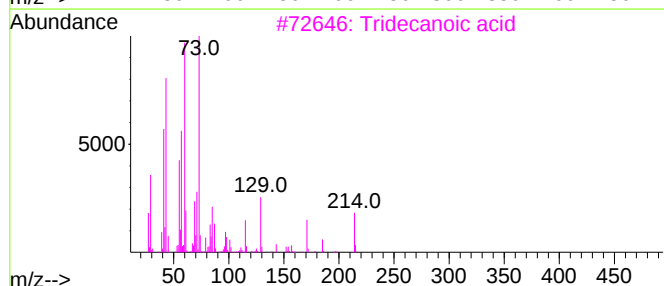
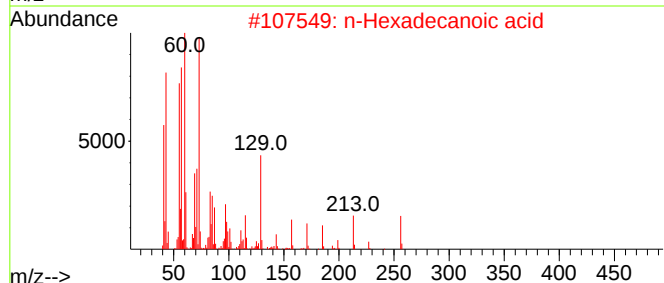
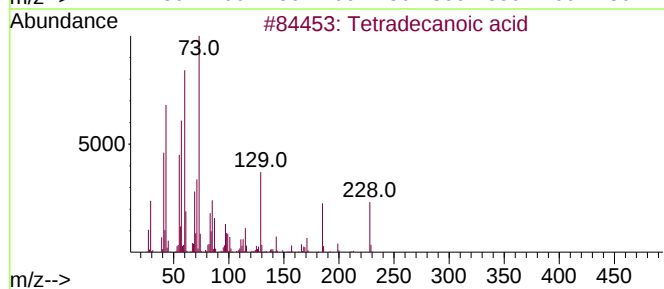
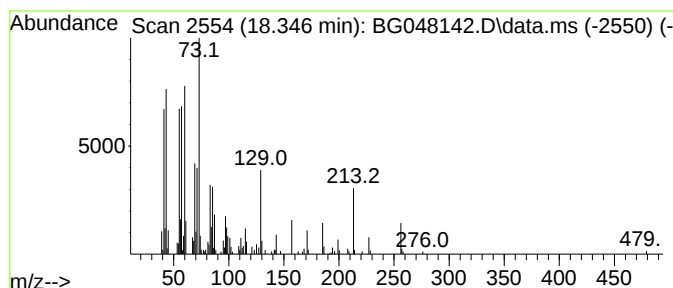
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.346	7.83 ng	322275	Phenanthrene-d10	17.465

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Dodecanoic acid	200	C12H24O2	000143-07-7	81
5			Undecanoic acid	186	C11H22O2	000112-37-8	74



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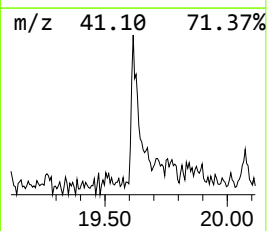
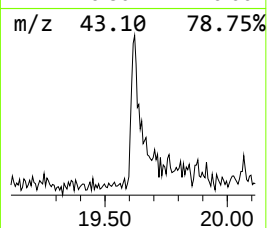
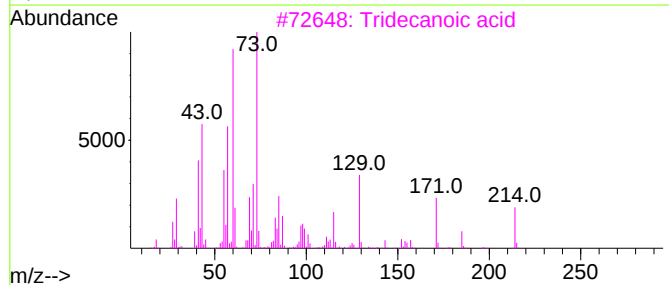
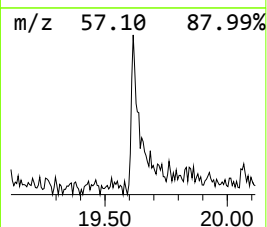
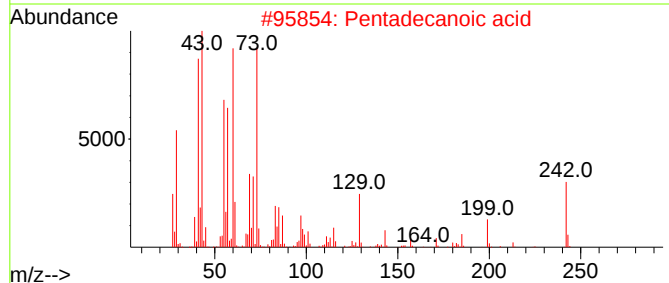
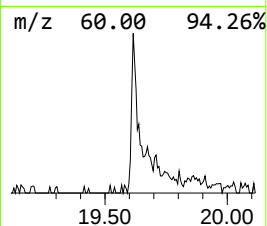
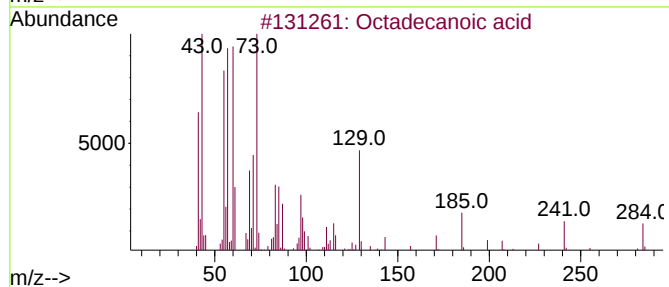
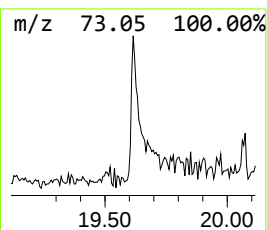
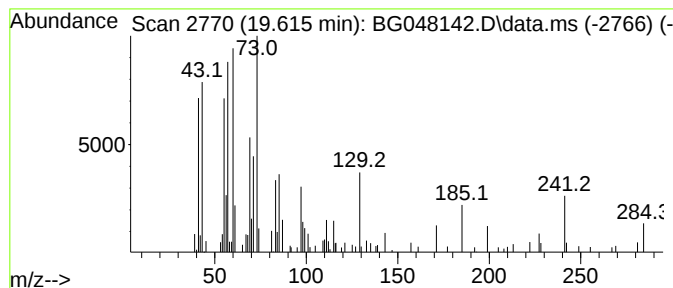
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.615	3.51 ng	170450	Chrysene-d12	21.736

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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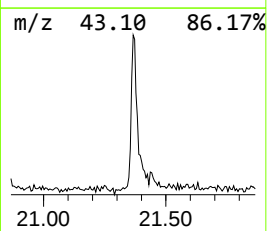
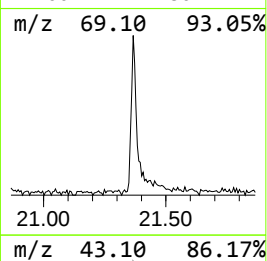
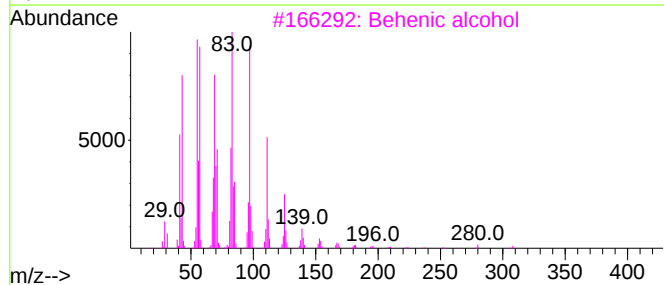
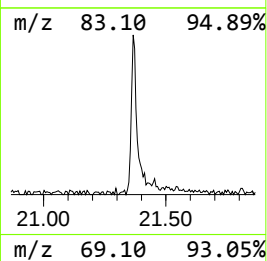
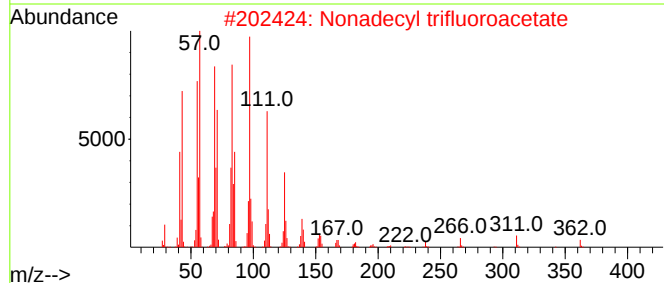
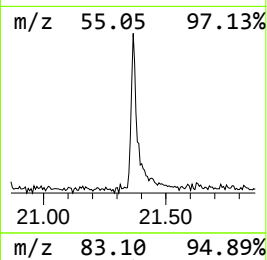
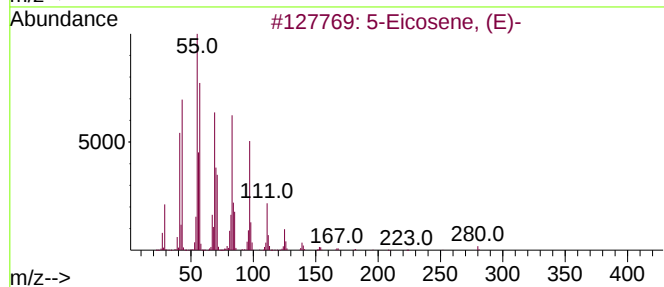
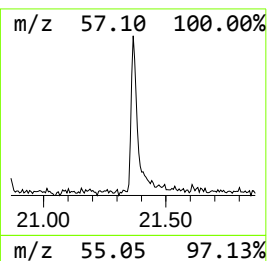
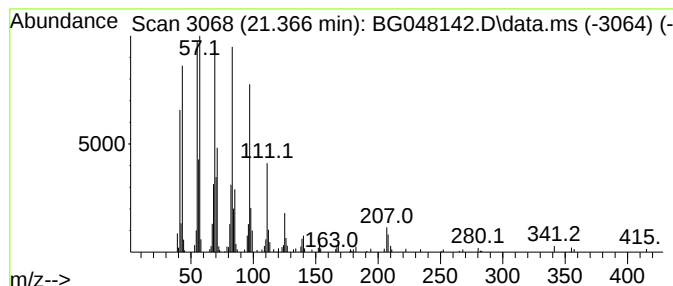
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.366	5.14 ng	249311	Chrysene-d12		21.736	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	89
2	Nonadecyl trifluoroacetate		380	C21H39F3O2	1000351-76-3	81
3	Behenic alcohol		326	C22H46O	000661-19-8	81
4	1-Heneicosanol		312	C21H44O	015594-90-8	76
5	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.346	7.8	ng	322275	4	17.465	822817	20.0
Octadecanoic acid	19.615	3.5	ng	170450	5	21.736	970877	20.0
5-Eicosene, (E)-	21.366	5.1	ng	249311	5	21.736	970877	20.0