

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060842.D
 Acq On : 9 Apr 2024 12:58
 Operator : MA/JU
 Sample : P2019-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB205-WATER

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-BG032924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.180	26	32	48	rVB	193859	412390	8.05%	2.085%
2	5.536	426	433	442	rBV	514347	834231	16.29%	4.217%
3	7.110	694	701	709	rVB	346972	590335	11.53%	2.984%
4	7.950	836	844	851	rBV	251884	430500	8.41%	2.176%
5	9.102	1030	1040	1048	rBV	731354	1298063	25.35%	6.562%
6	10.741	1310	1319	1327	rBV2	329944	587262	11.47%	2.969%
7	13.203	1730	1738	1745	rBV	1941979	3012678	58.83%	15.231%
8	14.578	1964	1972	1978	rBV	521542	835112	16.31%	4.222%
9	16.064	2213	2225	2235	rBV	1770937	2708865	52.90%	13.695%
10	17.322	2432	2439	2447	rBV	691414	1030641	20.13%	5.210%
11	18.232	2588	2594	2605	rBV	139374	227702	4.45%	1.151%
12	19.507	2807	2811	2822	rBV	59803	86646	1.69%	0.438%
13	19.948	2880	2886	2892	rBV	3919376	5120668	100.00%	25.887%
14	21.264	3106	3110	3116	rBV2	97532	168540	3.29%	0.852%
15	21.581	3158	3164	3171	rBV2	724324	1142089	22.30%	5.774%
16	23.291	3451	3455	3462	rVB3	30179	52438	1.02%	0.265%
17	24.713	3686	3697	3713	rVB	441393	1242316	24.26%	6.281%

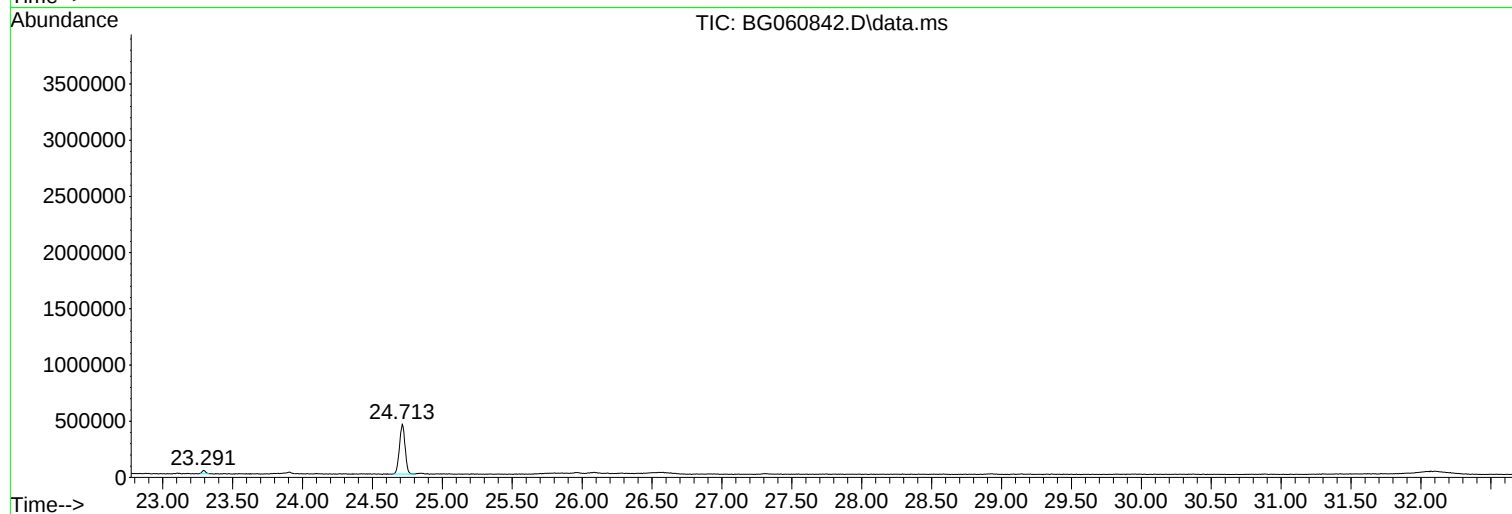
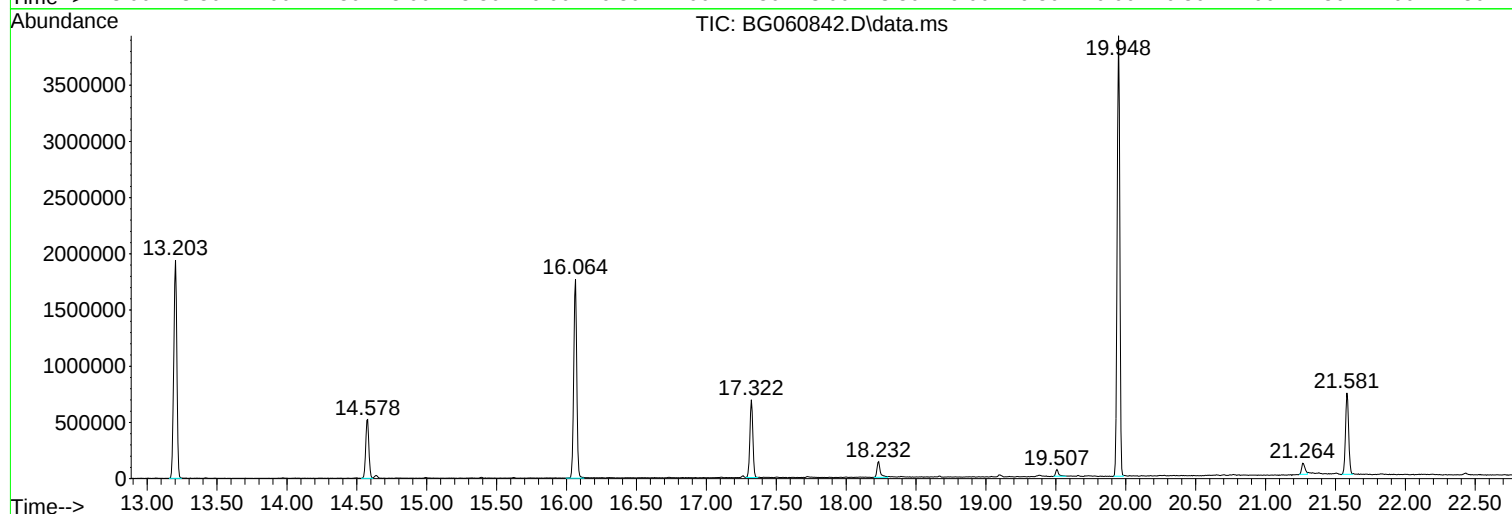
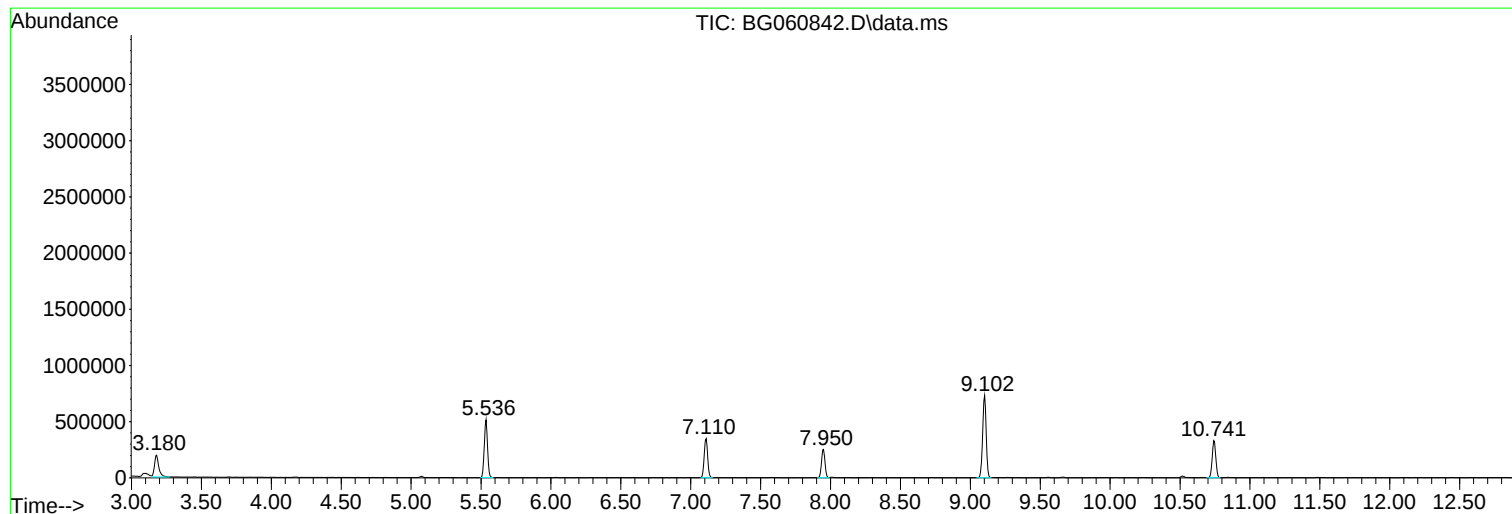
Sum of corrected areas: 19780476

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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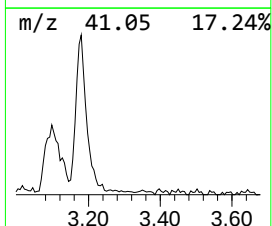
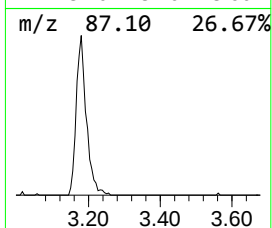
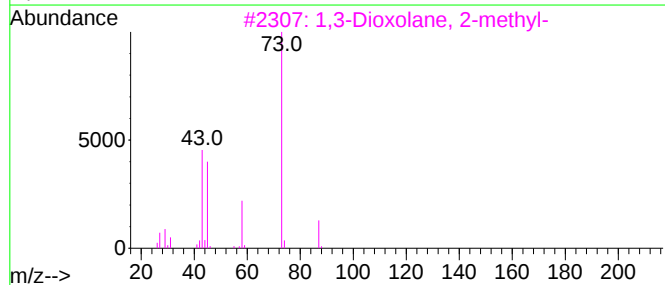
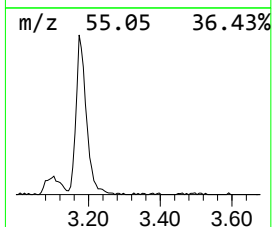
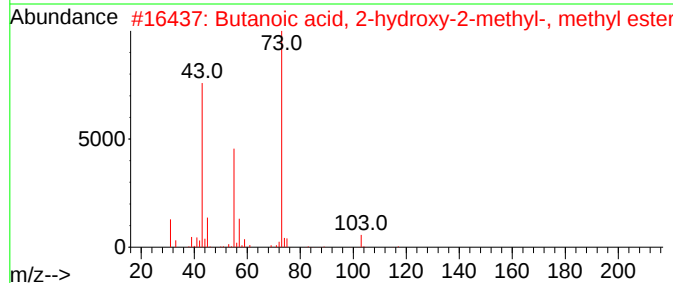
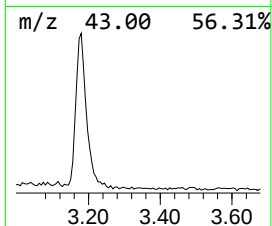
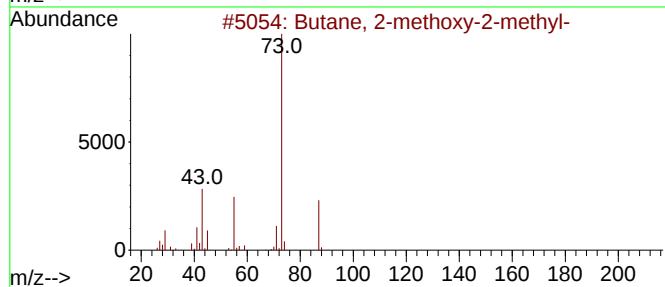
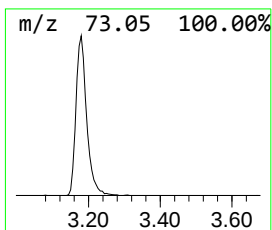
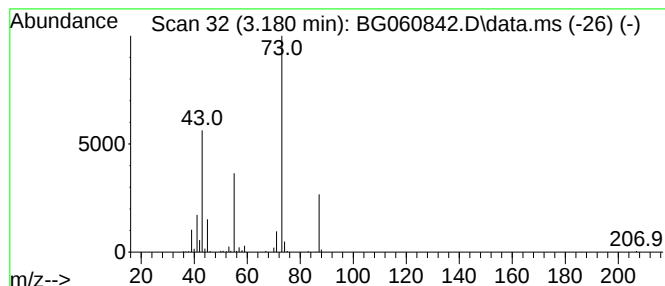
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.180	19.16 ng	412390	1,4-Dichlorobenzene-d4	7.950

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butanoic acid, 2-hydroxy-2-methyl...	132	C6H12O3	032793-34-3	28
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25



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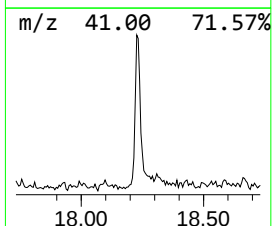
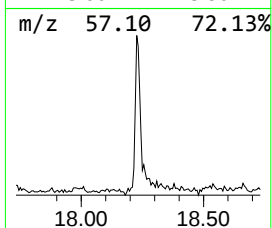
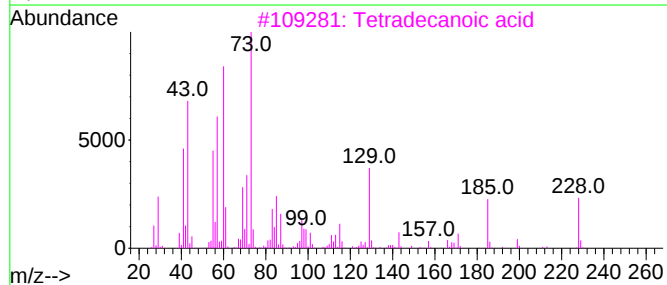
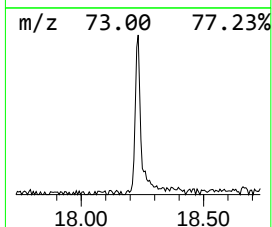
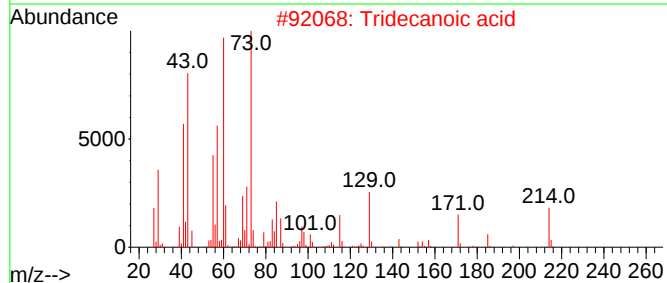
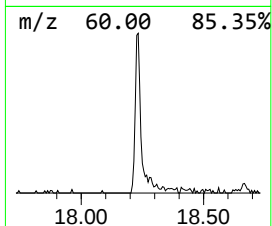
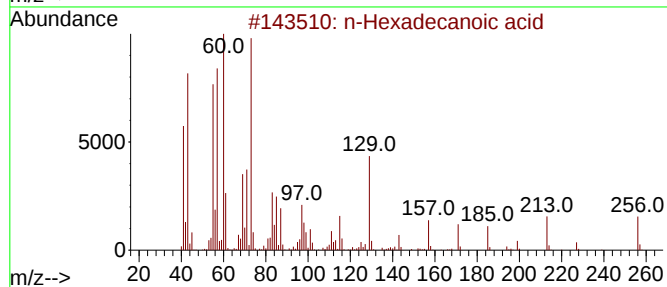
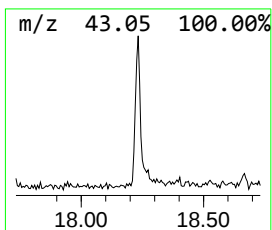
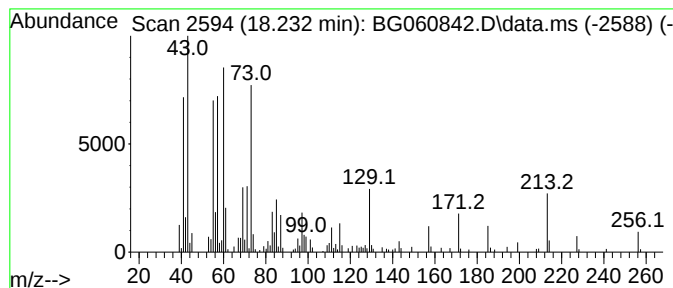
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	4.42 ng	227702	Phenanthrene-d10	17.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	72
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	60
5			Octanoic acid	144	C8H16O2	000124-07-2	53



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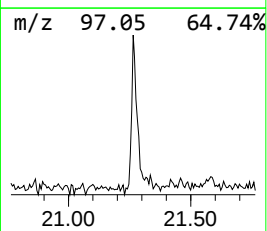
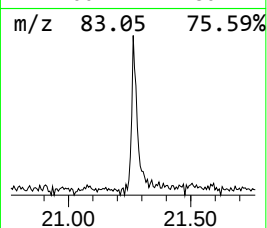
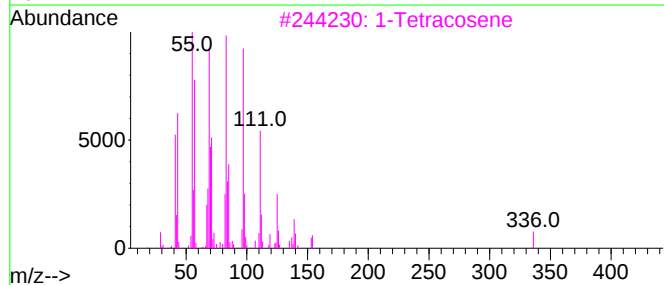
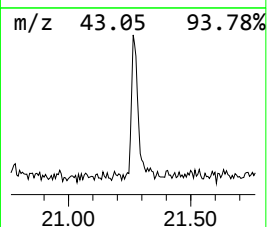
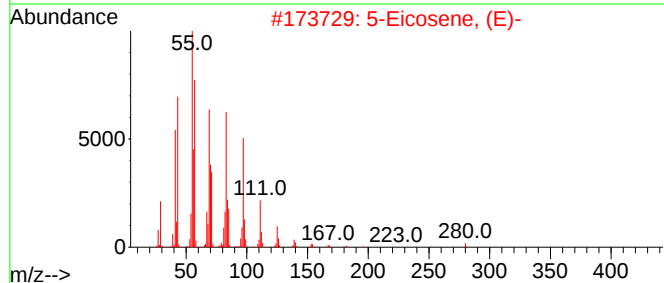
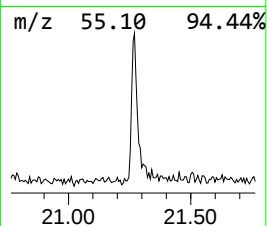
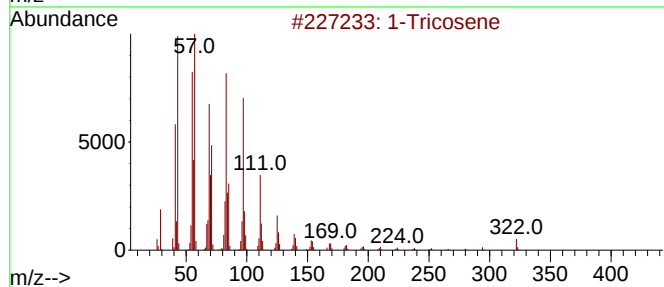
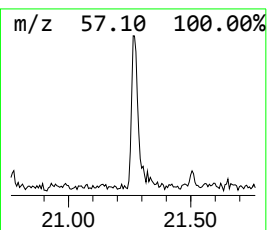
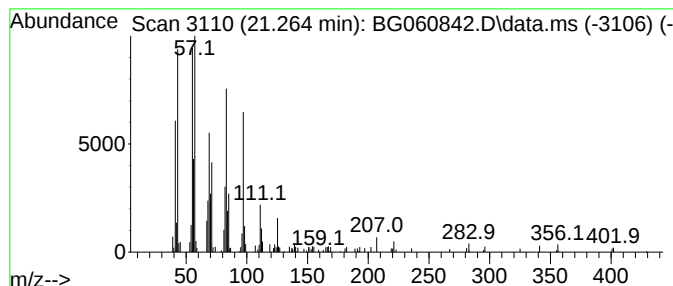
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Peak Number 3 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.264	2.95 ng	168540	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene			322	C23H46	018835-32-0	91
2	5-Eicosene, (E)-			280	C20H40	074685-30-6	87
3	1-Tetracosene			336	C24H48	010192-32-2	83
4	Octacosanol			410	C28H58O	000557-61-9	83
5	1-Octadecanol			270	C18H38O	000112-92-5	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.180	19.2	ng	412390	1	7.950	430500	20.0
n-Hexadecanoic ...	18.233	4.4	ng	227702	4	17.322	1030640	20.0
1-Tricosene	21.264	3.0	ng	168540	5	21.581	1142090	20.0