

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134976.D
 Acq On : 28 Aug 2023 19:14
 Operator : CG\JU
 Sample : 04161-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25659

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134976.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	562	567	570	rBV	2303104	2078508	83.61%	12.546%
2	6.428	733	738	741	rBV	2208643	2159563	86.87%	13.035%
3	6.792	796	800	803	rBV	654588	566252	22.78%	3.418%
4	7.351	890	895	898	rBV	1602789	1326028	53.34%	8.004%
5	8.069	1013	1017	1020	rBV	954903	726974	29.24%	4.388%
6	9.145	1196	1200	1204	rBV	2786325	2485976	100.00%	15.006%
7	9.263	1217	1220	1224	rBV	43945	37988	1.53%	0.229%
8	9.828	1312	1316	1319	rVB	885482	717421	28.86%	4.330%
9	10.233	1382	1385	1387	rBV2	55614	46020	1.85%	0.278%
10	10.616	1447	1450	1454	rBV	1306232	1252711	50.39%	7.562%
11	10.751	1469	1473	1479	rBV	91772	142108	5.72%	0.858%
12	11.322	1566	1570	1573	rBV	663732	603608	24.28%	3.643%
13	11.857	1658	1661	1664	rBV	231315	235306	9.47%	1.420%
14	12.033	1689	1691	1694	rBV2	136020	159282	6.41%	0.961%
15	12.921	1838	1842	1845	rBV	2243754	2226635	89.57%	13.440%
16	13.968	2017	2020	2027	rVB2	775251	1238031	49.80%	7.473%
17	15.457	2269	2273	2283	rVB	384449	564454	22.71%	3.407%

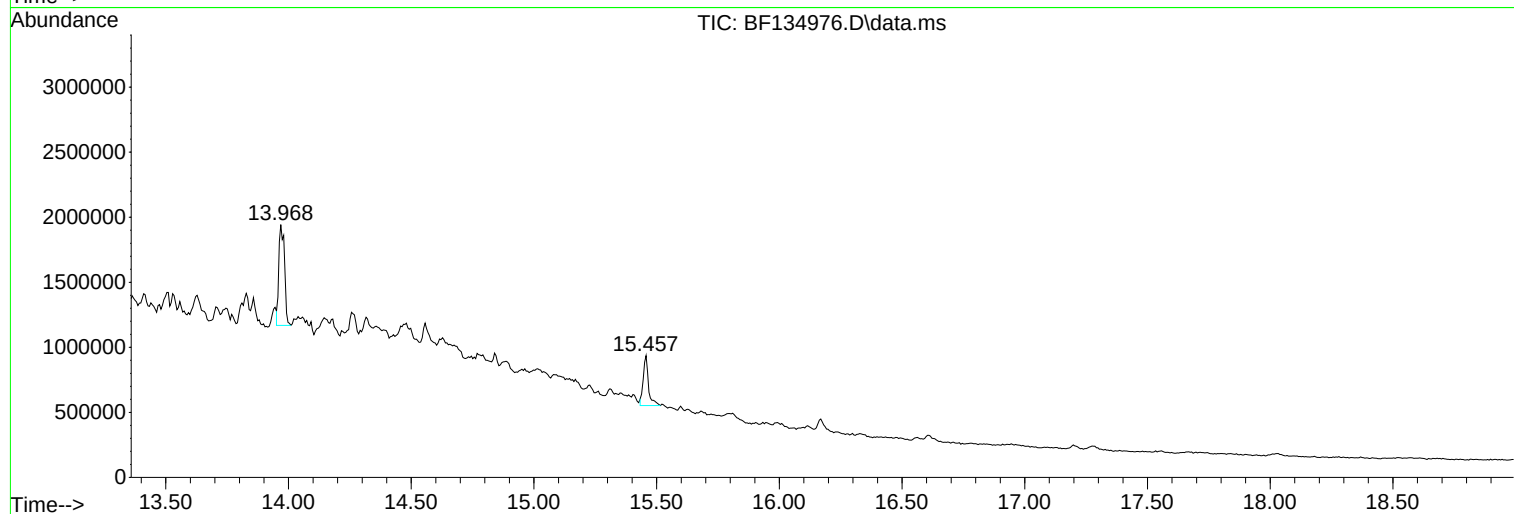
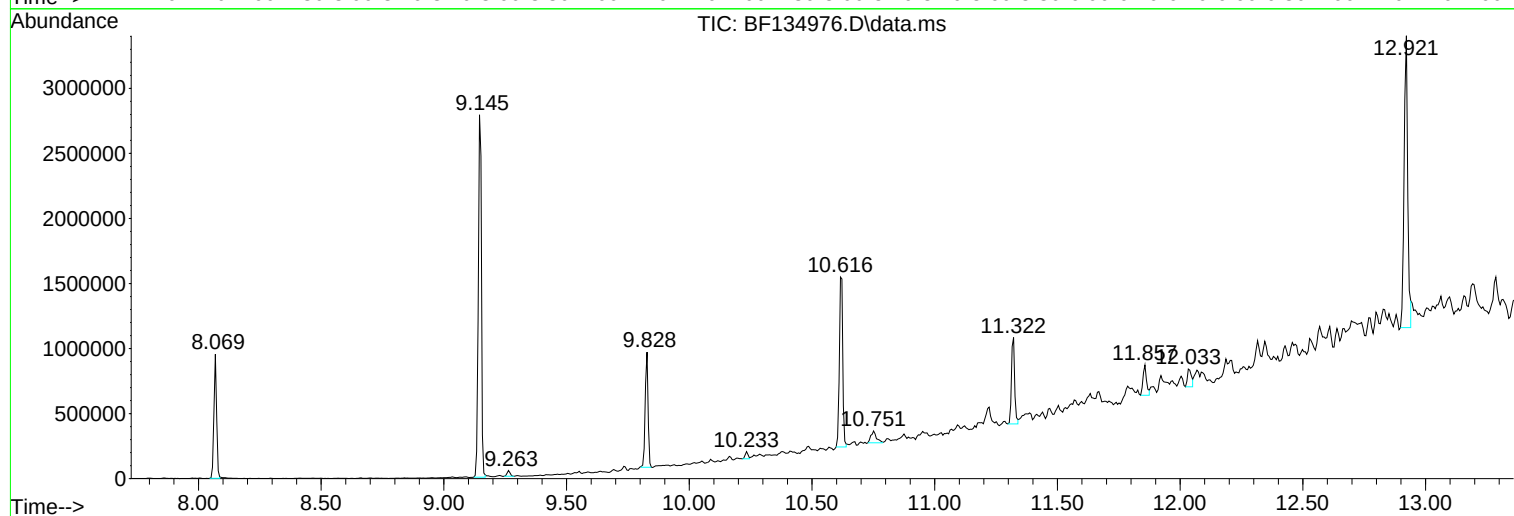
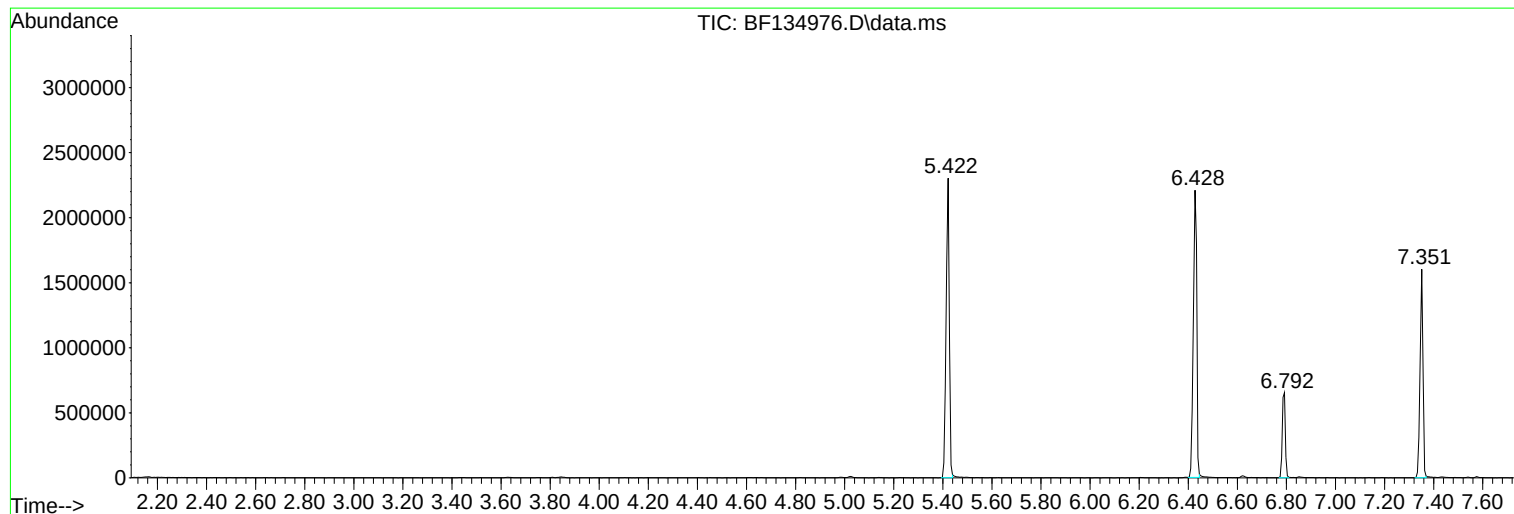
Sum of corrected areas: 16566865

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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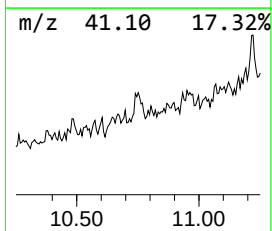
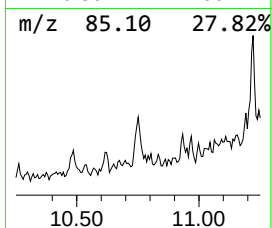
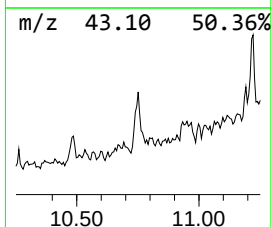
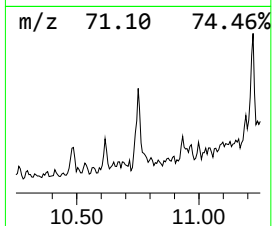
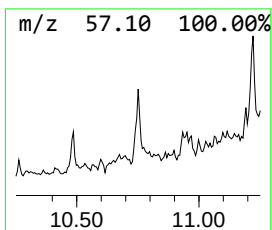
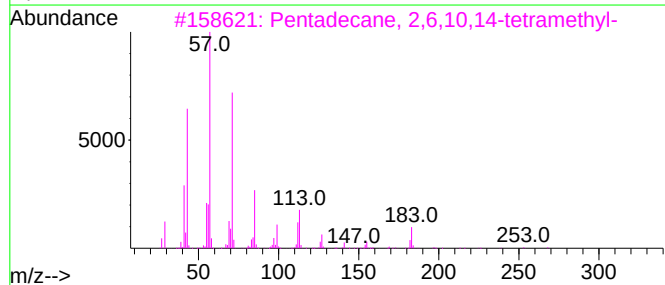
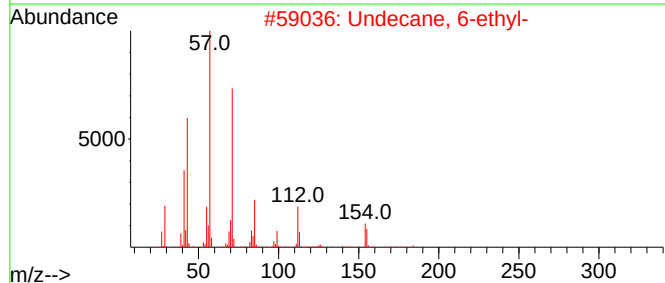
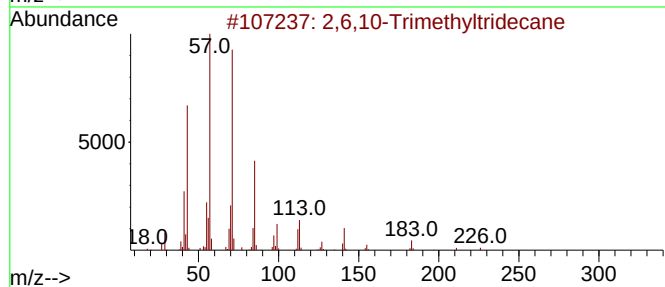
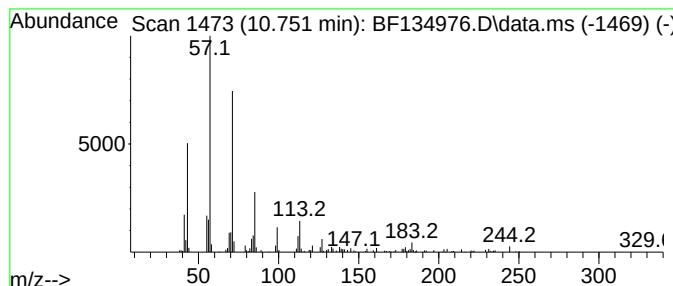
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,6,10-Trimethyltridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	4.71 ng	142108	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90		
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87		
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86		
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80		
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72		



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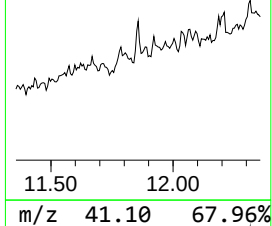
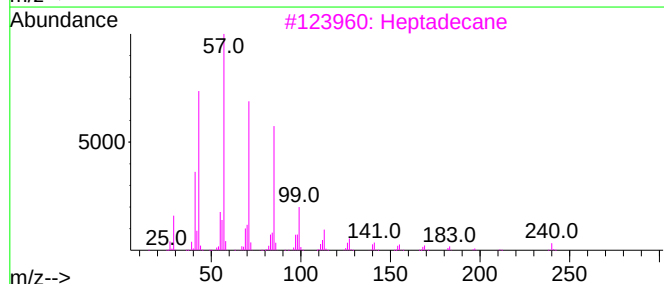
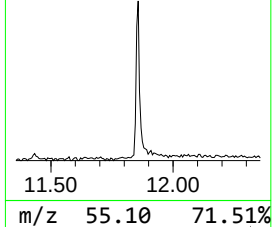
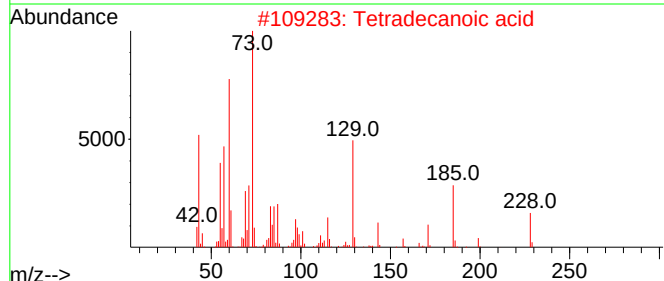
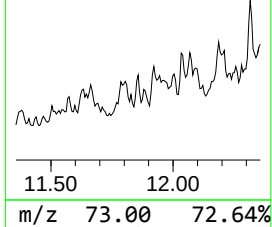
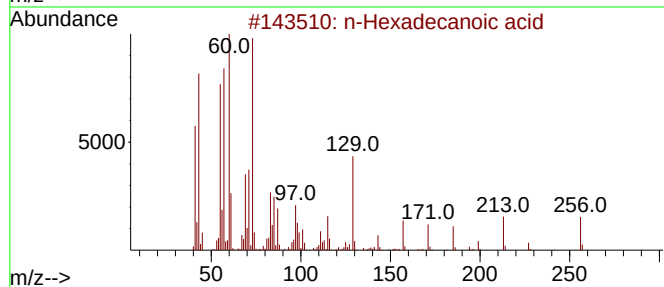
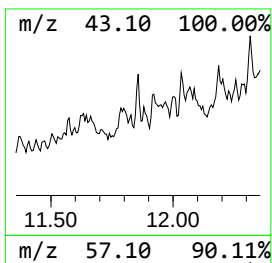
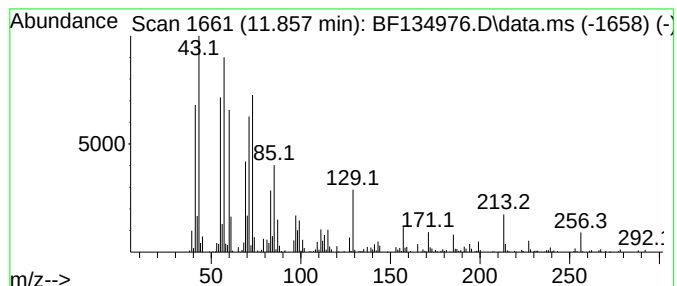
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.857	7.80 ng	235306	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
3	Heptadecane	240	C17H36	000629-78-7	42
4	Octadecanoic acid	284	C18H36O2	000057-11-4	41
5	Dodecanoic acid	200	C12H24O2	000143-07-7	41



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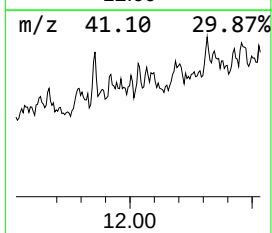
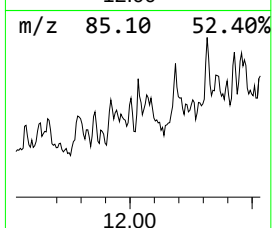
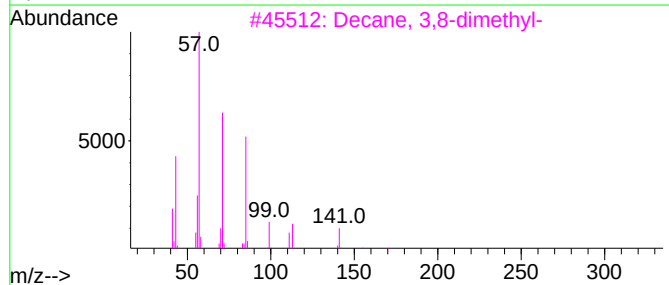
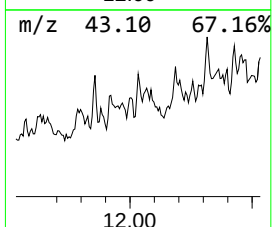
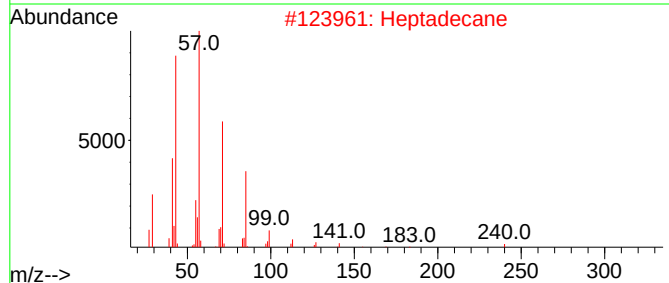
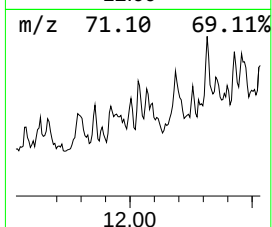
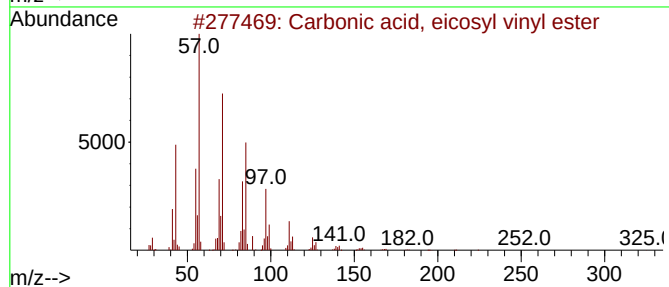
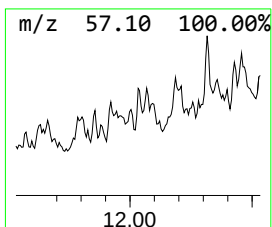
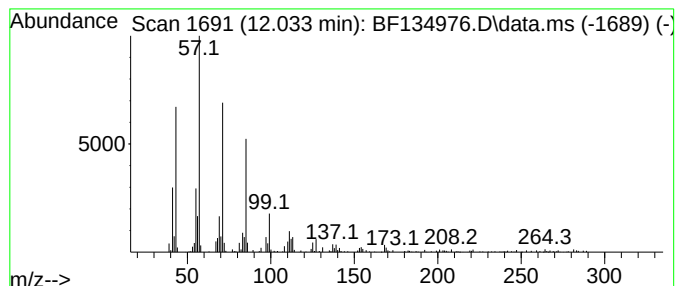
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Peak Number 3 Carbonic acid, eicosyl vinyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	5.28 ng	159282	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2			Heptadecane	240	C17H36	000629-78-7	81
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,6,10-Trimethy...	10.751	4.7	ng	142108	4	11.322	603608	20.0
n-Hexadecanoic ...	11.857	7.8	ng	235306	4	11.322	603608	20.0
Carbonic acid, ...	12.033	5.3	ng	159282	4	11.322	603608	20.0