LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022114.D
Acq On : 14 Oct 2022 08:00
Operator : CG/JU
Sample : N5049-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0BP8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	54	rVB	32644	48872	1.25%	0.083%
2	3.558	95	97	102	rBV	8038	10557	0.27%	0.018%
3	3.728	124	126	134	rBV3	6281	12340	0.31%	0.021%
4	3.816	136	141	145	rBV	11392	16210	0.41%	0.027%
5	3.934	155	161	171	rVB	36107	64507	1.64%	0.109%
6	4.028	174	177	184	rVB	11903	18042	0.46%	0.031%
7	4.422	240	244	251	rBV2	13452	22050	0.56%	0.037%
8	4.987	336	340	349	rVB	28710	46318	1.18%	0.078%
9	6.916	663	668	676	rBV4	12045	26375	0.67%	0.045%
10	7.110	691	701	714	rBV	657722	1138054	29.00%	1.926%
11	7.281	722	730	739	rBV	542610	849876	21.66%	1.439%
12	7.475	756	763	772	rBV	636951	1021979	26.04%	1.730%
13	7.569	773	779	789	rVB6	7507	17216	0.44%	0.029%
14	7.763	807	812	820	rVB	5650	10211	0.26%	0.017%
15	7.951	837	844	852	rBV	731585	1157664	29.50%	1.960%
16	8.669	959	966	977	rBV	791287	1307385	33.31%	2.213%
17	8.793	982	987	995	rVB2	23877	39521	1.01%	0.067%
18	9.134	1037	1045	1052	rBV	634478	1045441	26.64%	1.770%
19	9.293	1068	1072	1080	rVB2	8636	15791	0.40%	0.027%
20	9.528	1105	1112	1121	rBV3	11612	20722	0.53%	0.035%
21	9.857	1161	1168	1182	rBV	516040	879293	22.40%	1.488%
22	10.081	1203	1206	1217	rVB6	4779	10574	0.27%	0.018%
23	10.192	1219	1225	1234	rVB	66461	111716	2.85%	0.189%
24	10.398	1253	1260	1272	rBV	813039	1341577	34.18%	2.271%
25	10.557	1281	1287	1298	rBV	135216	241320	6.15%	0.408%
26	10.787	1316	1326	1333	rBV	1106103	1917000	48.85%	3.245%
27	10.851	1333	1337	1342	rVV6	9848	18620	0.47%	0.032%
28	10.928	1342	1350	1368	rVB	649485	1157163	29.49%	1.959%
29	11.322	1412	1417	1423	rBV8	5987	11061	0.28%	0.019%
30	11.581	1454	1461	1476	rBV9	5792	14846	0.38%	0.025%
31	11.957	1521	1525	1533	rVV4	12272	19987	0.51%	0.034%
32	12.198	1562	1566	1569	rVV2	12852	20166	0.51%	0.034%
33	12.251	1569	1575	1587	rVB	2146907	3226363	82.21%	5.461%
34	12.375	1592	1596	1604	rVB	17444	26844	0.68%	0.045%
35	12.498	1612	1617	1625	rVB3	15476	25906	0.66%	0.044%
36	13.439	1771	1777	1780	rVV2	13639	19856	0.51%	0.034%

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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

37	13.481	1780	1784	1787	rVV	18941	28718	0.73%	0.049%
38	13.516	1787	1790	1795	rVB	17450	27122	0.69%	0.046%
39	13.686	1811	1819	1823	rVB6	6076	10803	0.28%	0.018%
40	13.951	1858	1864	1869	rBV6	10658	15988	0.41%	0.027%
41	14.039	1872	1879	1887	rVV	1497272	2048908	52.21%	3.468%
42	14.104	1887	1890	1894	rVV5	6781	11853	0.30%	0.020%
43	14.269	1913	1918	1920	rBV4	6921	9279	0.24%	0.016%
44	14.322	1920	1927	1936	rVB	1664434	2454653	62.55%	4.155%
45	14.516	1953	1960	1968	rVB2	12251	21109	0.54%	0.036%
46	14.628	1972	1979	1987	rBV	1841588	2669806	68.03%	4.519%
47	14.710	1991	1993	2002	rVB8	5973	10337	0.26%	0.017%
48	14.828	2002	2013	2030	rBV	762478	1169273	29.79%	1.979%
49	14.992	2036	2041	2045	rBV3	17657	28835	0.73%	0.049%
50	15.051	2045	2051	2060	rVB2	64963	113511	2.89%	0.192%
51	15.416	2108	2113	2116	rBV2	8366	12472	0.32%	0.021%
52	15.463	2116	2121	2128	rVB2	15475	25462	0.65%	0.043%
53	15.622	2141	2148	2161	rVB	2128817	3087861	78.68%	5.227%
54	15.739	2162	2168	2180	rVV	683779	930127	23.70%	1.574%
55	15.863	2184	2189	2194	rVB3	12560	20511	0.52%	0.035%
56	15.957	2200	2205	2208	rBV4	9101	16943	0.43%	0.029%
57	16.075	2221	2225	2229	rBV5	7401	9637	0.25%	0.016%
58	16.333	2265	2269	2271	rBV3	11843	14729	0.38%	0.025%
59	16.404	2277	2281	2286	rVB4	8521	11925	0.30%	0.020%
60	16.516	2294	2300	2308	rVB8	7683	15785	0.40%	0.027%
61	16.769	2339	2343	2351	rVB7	9659	16631	0.42%	0.028%
62	17.127	2397	2404	2407	rBV4	11902	20321	0.52%	0.034%
63	17.269	2422	2428	2435	rBV2	36756	64788	1.65%	0.110%
64	17.333	2435	2439	2441	rVV2	27796	35727	0.91%	0.060%
65	17.380	2441	2447	2454	rVV	2216096	3196101	81.44%	5.410%
66	17.480	2458	2464	2472	rVV2	2305633	3297815	84.03%	5.582%
67	17.574	2476	2480	2488	rVB4	27912	46678	1.19%	0.079%
68	17.763	2509	2512	2522	rVB8	6423	13805	0.35%	0.023%
69	17.874	2527	2531	2534	rVV3	8378	11538	0.29%	0.020%
70	18.010	2550	2554	2557	rBV6	11086	15913	0.41%	0.027%
71	18.051	2557	2561	2566	rVB2	34134	44863	1.14%	0.076%
72	18.157	2575	2579	2584	rVB4	16224	20763	0.53%	0.035%
73	18.216	2584	2589	2594	rBV	162737	229235	5.84%	0.388%
74	18.274	2594	2599	2609	rBV	775649	1120717	28.56%	1.897%
75	18.569	2645	2649	2654	rBV	35326	51052	1.30%	0.086%
76	18.704	2669	2672	2676	rVB4	15702	18085	0.46%	0.031%

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Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	18.769	2680	2683	2687	rVV5	11638	13623	0.35%	0.023%
78	19.204	2751	2757	2763	rVB2	33803	58913	1.50%	0.100%
79	19.345	2777	2781	2787	rVB4	39930	64641	1.65%	0.109%
80	19.410	2788	2792	2793	rBV	124750	130806	3.33%	0.221%
81	19.439	2793	2797	2809	rVV2	440015	869691	22.16%	1.472%
82	19.557	2813	2817	2831	rVB	222313	364230	9.28%	0.617%
83	19.704	2839	2842	2847	rVB5	27755	41359	1.05%	0.070%
84	19.780	2849	2855	2861	rBV	2823307	3924577	100.00%	6.643%
85	20.315	2943	2946	2952	rVB	119078	134718	3.43%	0.228%
86	20.815	3027	3031	3034	rBV2	115424	131728	3.36%	0.223%
87	20.980	3057	3059	3063	rVB	26999	28948	0.74%	0.049%
88	21.280	3106	3110	3120	rVB	574270	833832	21.25%	1.411%
89	21.580	3156	3161	3167	rBV	2621158	3413235	86.97%	5.778%
90	21.727	3183	3186	3189	rVB	141117	144269	3.68%	0.244%
91	22.080	3243	3246	3250	rBV4	70226	93110	2.37%	0.158%
92	22.198	3263	3266	3269	rBV	175724	232746	5.93%	0.394%
93	22.709	3349	3353	3365	rVB	199801	318949	8.13%	0.540%
94	23.280	3445	3450	3455	rBV	409090	670819	17.09%	1.136%
95	23.339	3456	3460	3475	rVB4	208830	480672	12.25%	0.814%
96	23.886	3546	3553	3559	rBV2	1796448	3714779	94.65%	6.288%
97	24.051	3573	3581	3594	rVB	1555876	3305491	84.23%	5.595%
98	24.686	3682	3689	3698	rVB	507586	1144326	29.16%	1.937%
99	24.786	3702	3706	3719	rVB5	129103	378593	9.65%	0.641%
100	27.603	4176	4185	4203	rVB5	425589	1679825	42.80%	2.844%

Sum of corrected areas: 59074982

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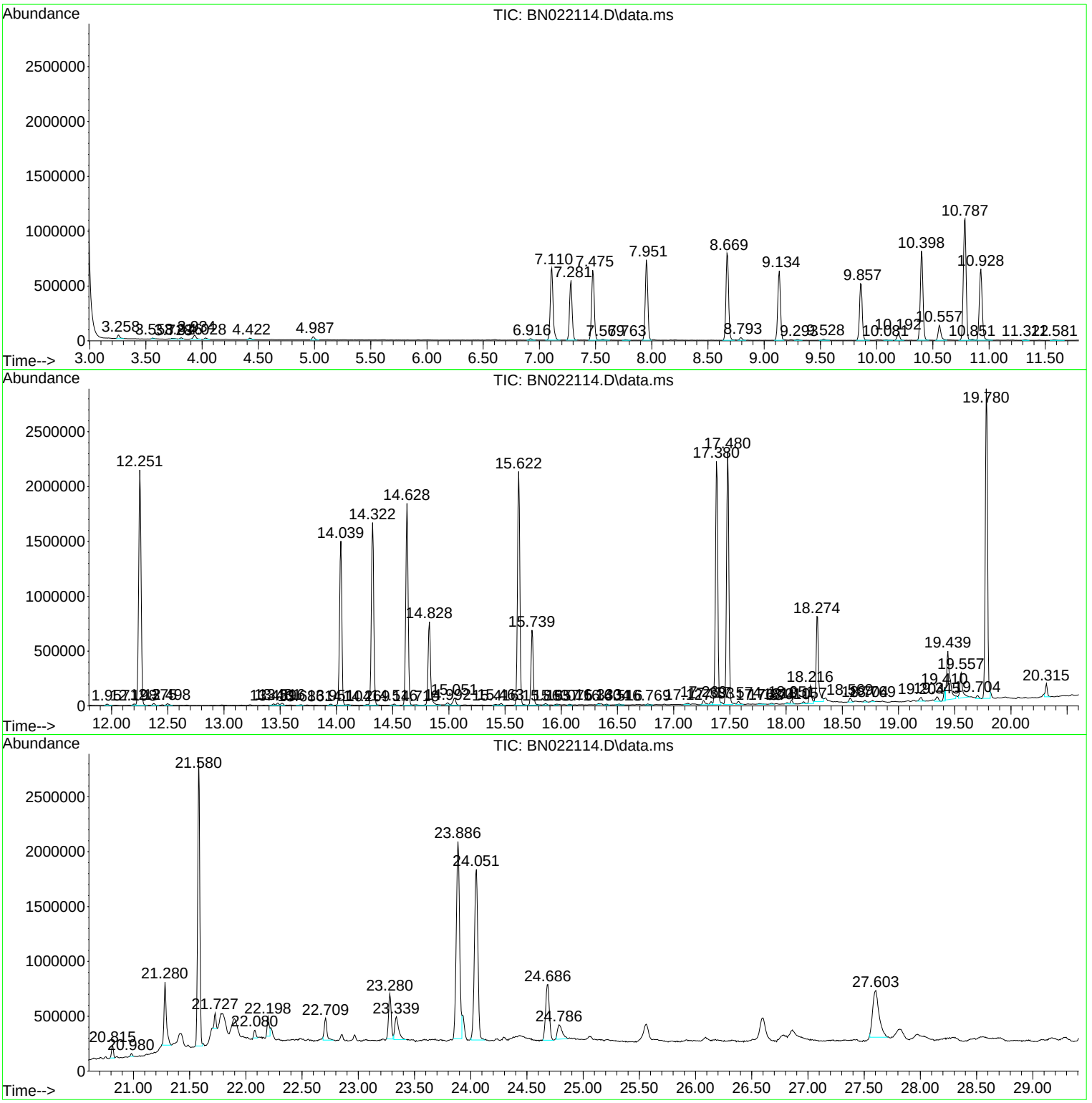
ClientSampleId :
C0BP8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



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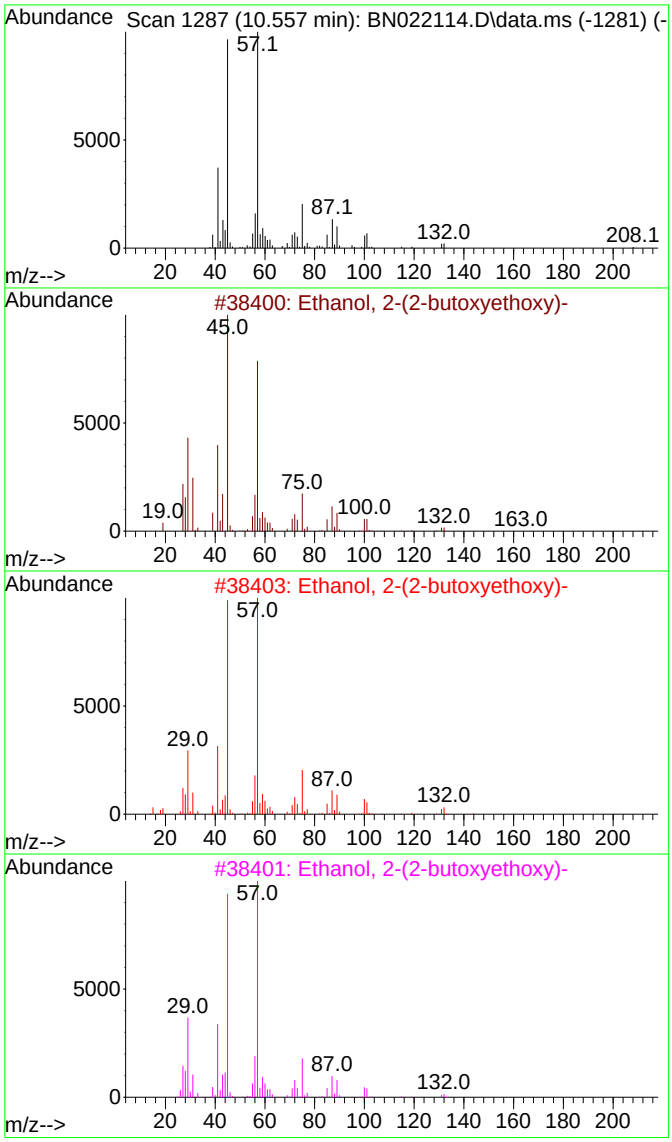
Quant Title : SVOA CALIBRATION

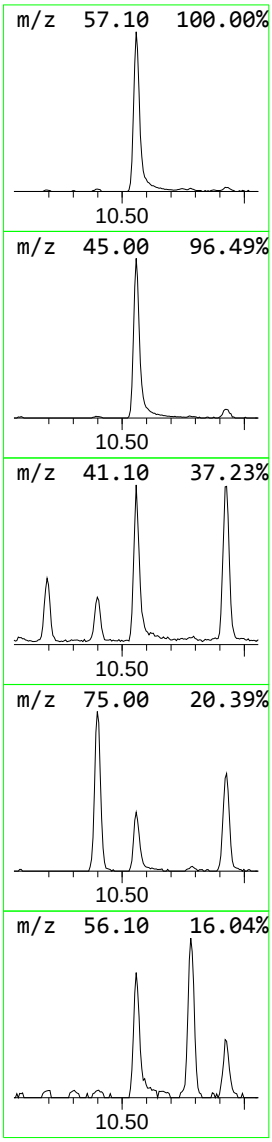
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	2.52 ng/ul	241320	Naphthalene-d8	10.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

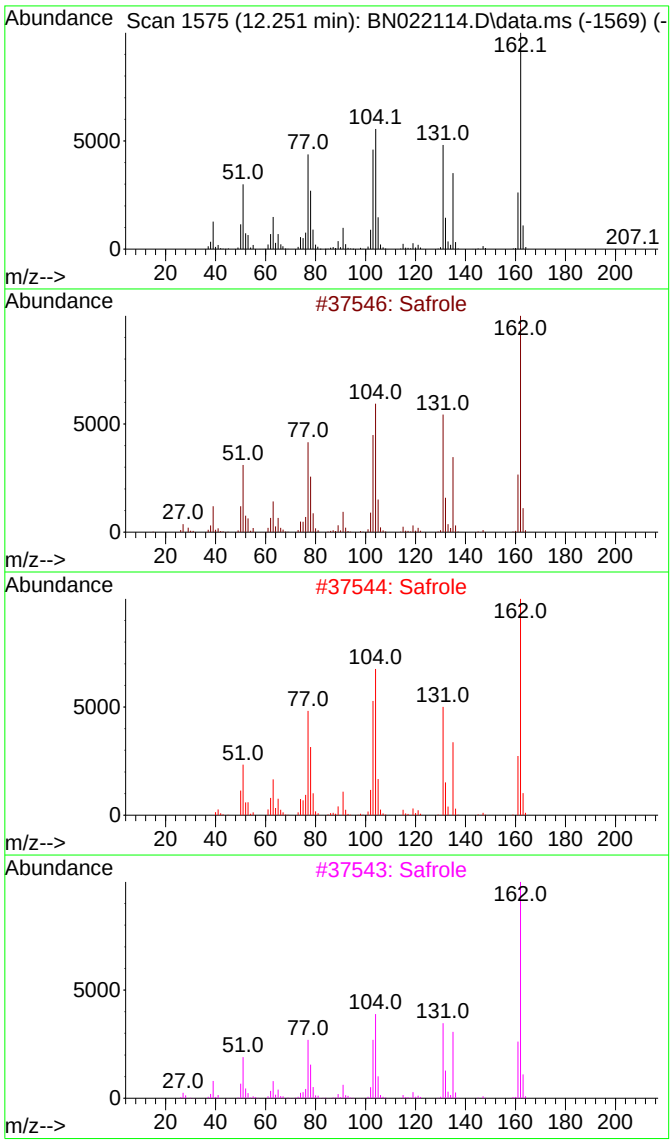
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

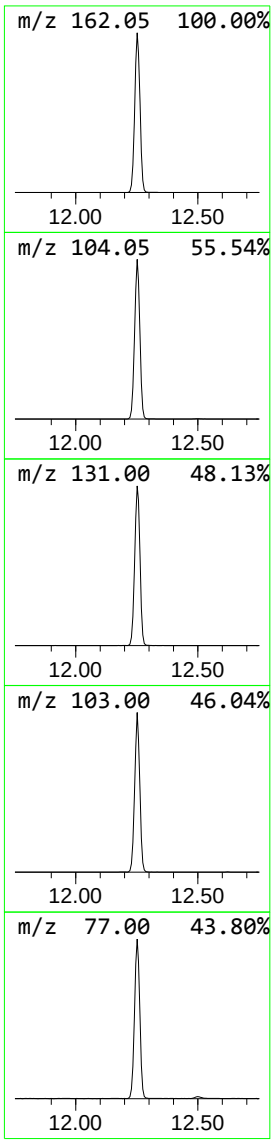
****

Peak Number 2 Safrole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	33.66 ng/ul	3226360	Naphthalene-d8	10.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Safrole	162	C10H10O2	000094-59-7	98
2	Safrole	162	C10H10O2	000094-59-7	98
3	Safrole	162	C10H10O2	000094-59-7	97
4	Safrole	162	C10H10O2	000094-59-7	97
5	1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

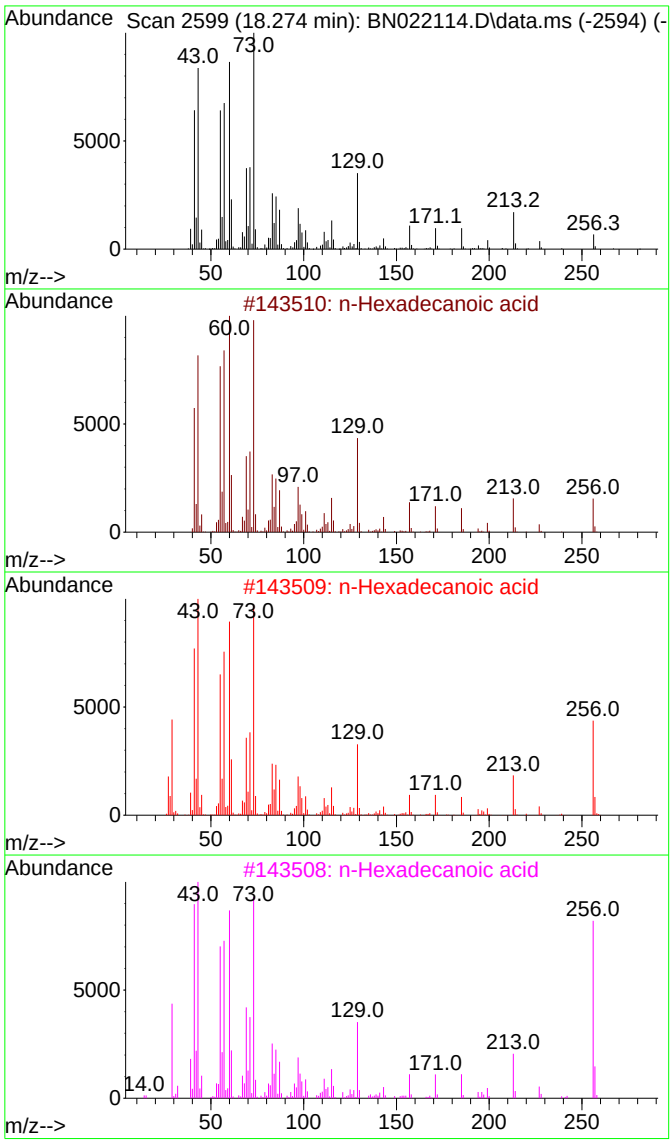
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

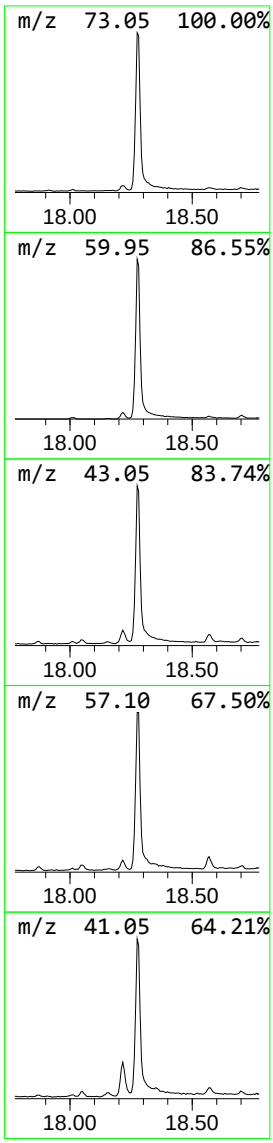
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	7.01 ng/ul	1120720	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98





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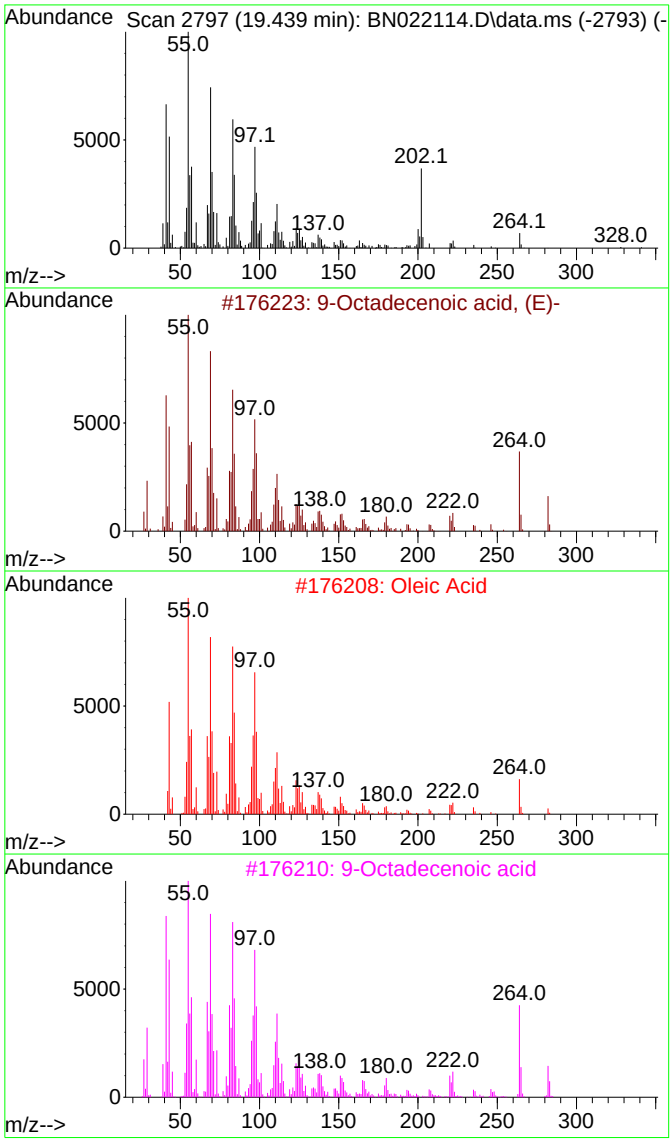
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

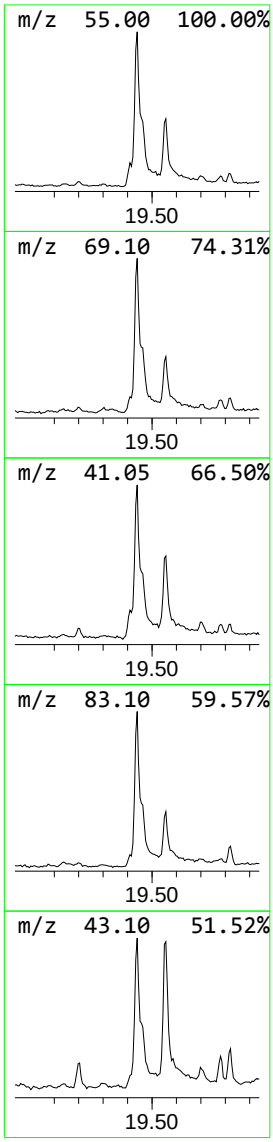
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	5.44 ng/ul	869691	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
2	Oleic Acid	282	C18H34O2	000112-80-1	90
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	87
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	64
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	58





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

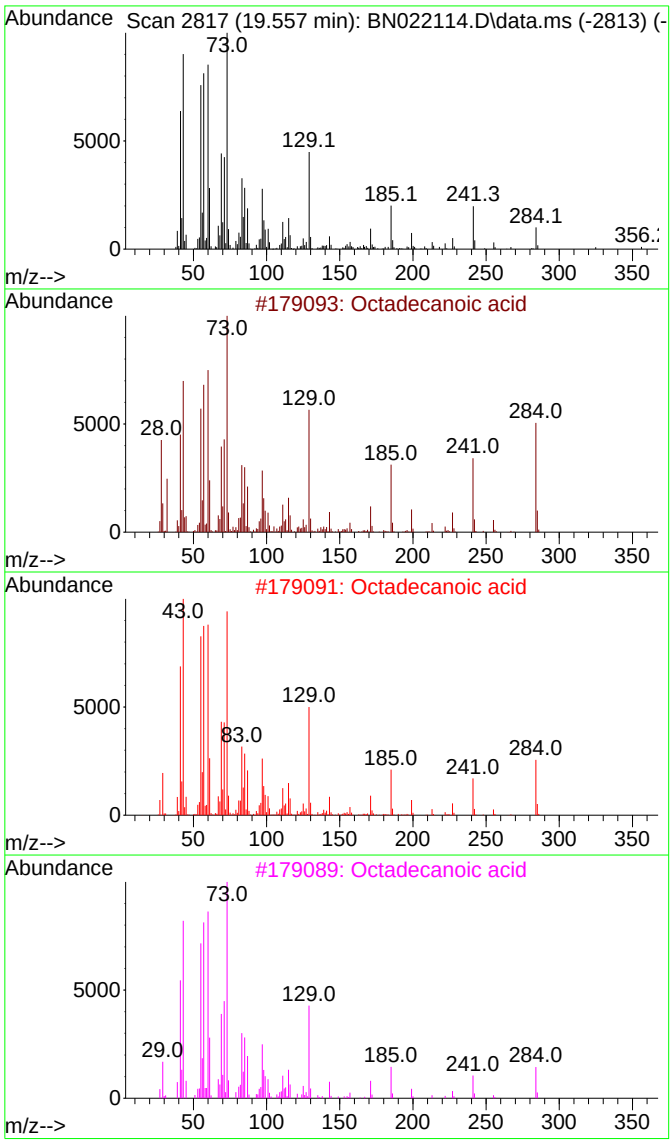
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

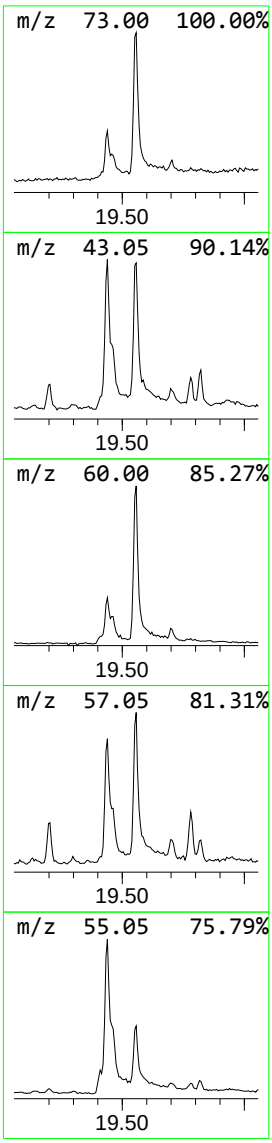
****

Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.557	2.13 ng/ul	364230	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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Acq On : 14 Oct 2022 08:00
Operator : CG/JU
Sample : N5049-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP8

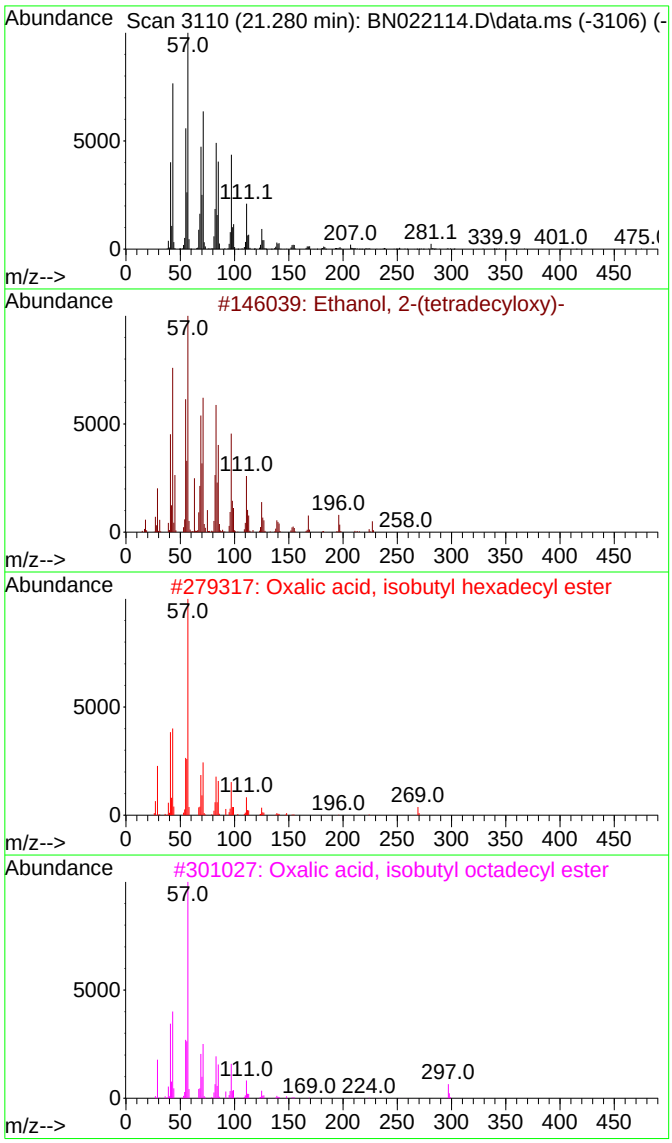
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

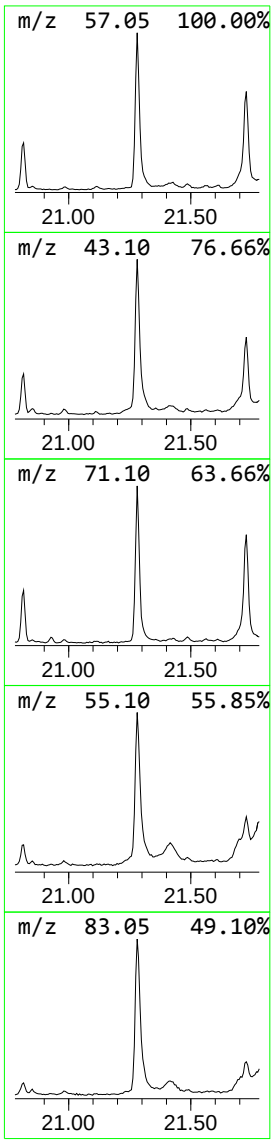
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	4.89 ng/ul	833832	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90





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Misc :
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Instrument :
BNA_N
ClientSampleId :
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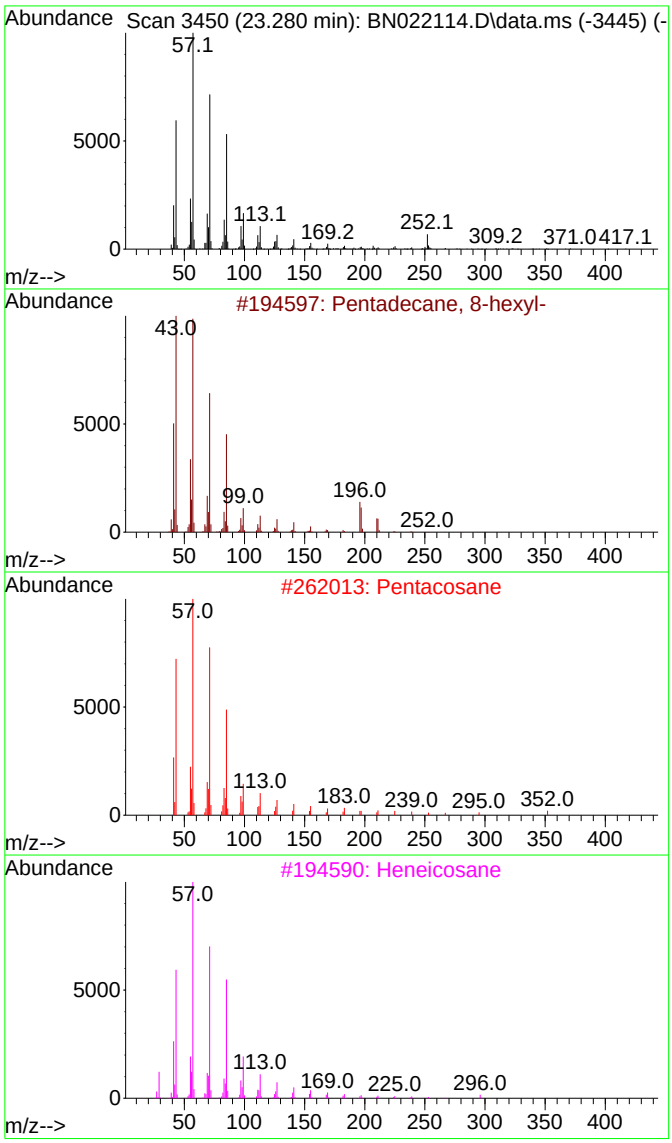
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

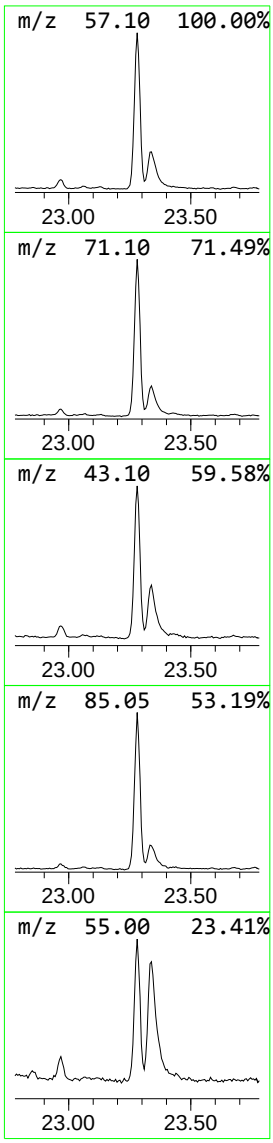
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.280	4.06 ng/ul	670819	Perylene-d12	24.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Pentacosane	352	C25H52	000629-99-2	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





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Operator : CG/JU
Sample : N5049-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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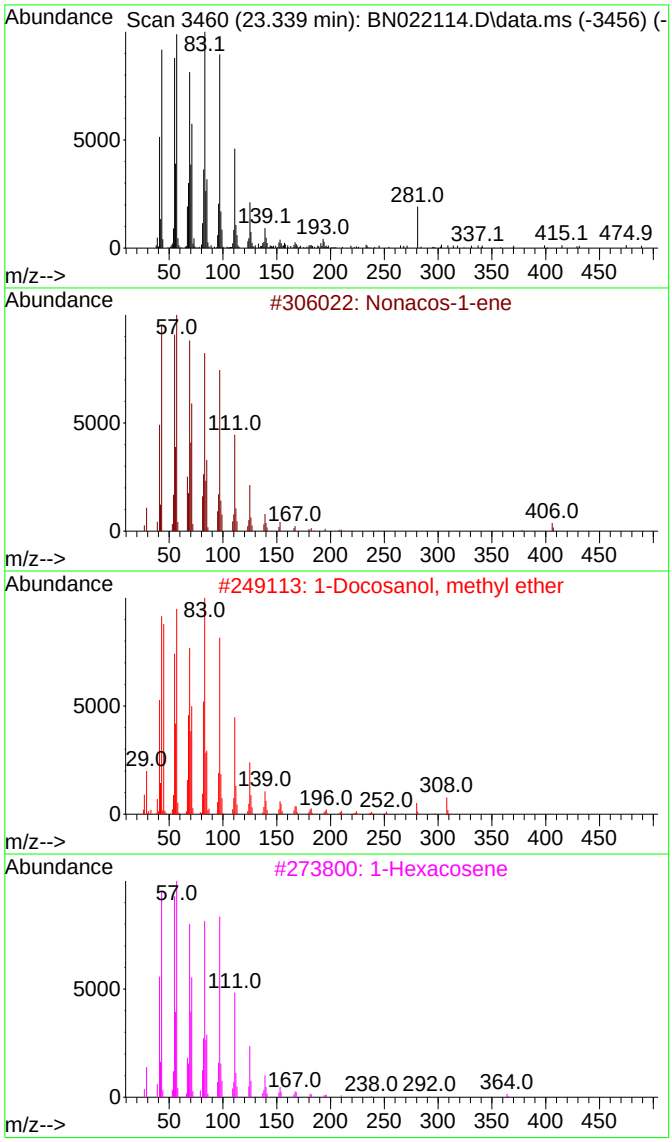
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

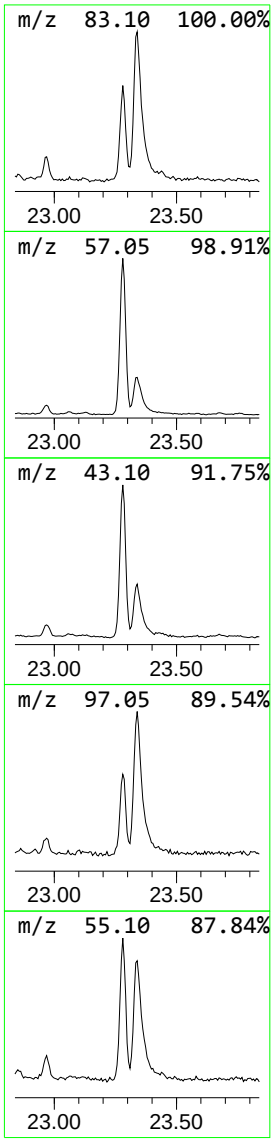
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.339	2.91 ng/ul	480672	Perylene-d12	24.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	94
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	94
3	1-Hexacosene	364	C26H52	018835-33-1	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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Operator : CG/JU
Sample : N5049-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BP8

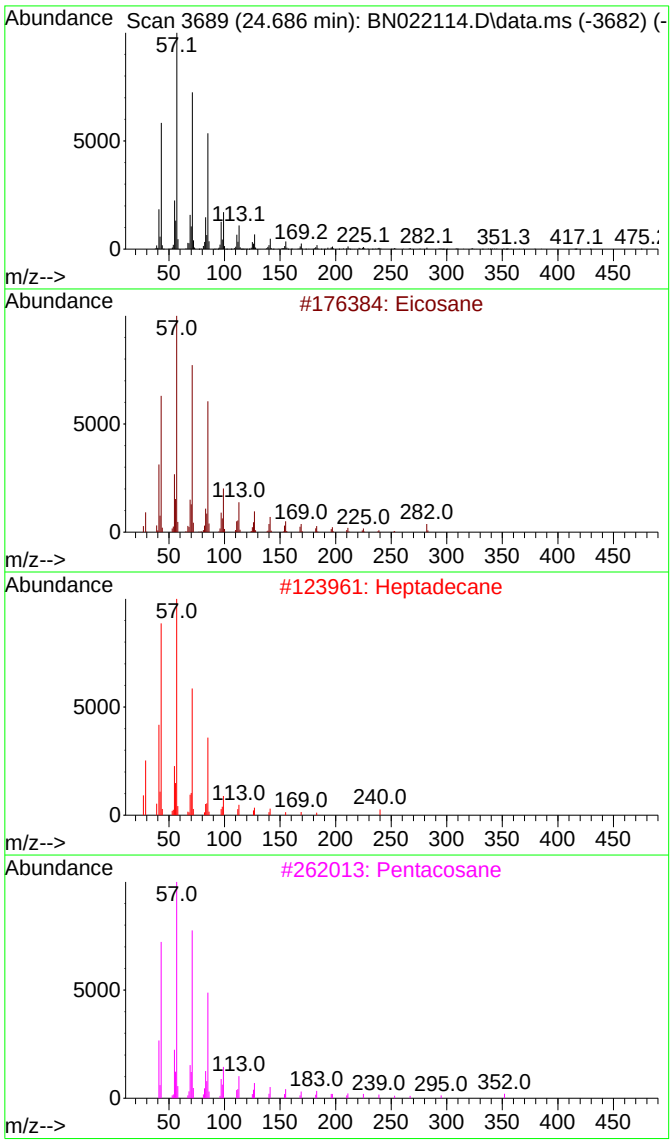
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

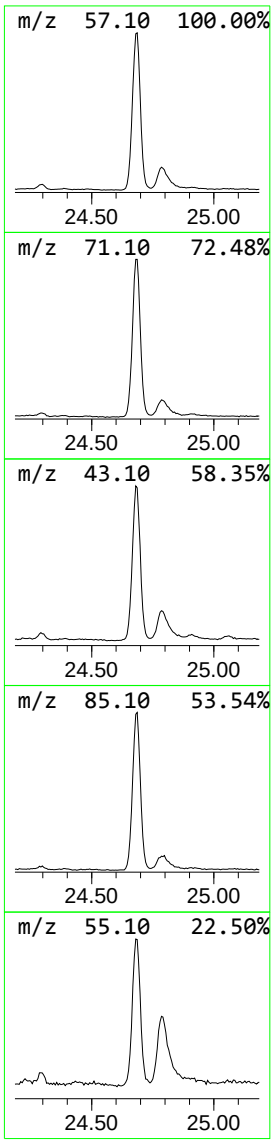
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.686	6.92 ng/ul	1144330	Perylene-d12	24.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane	240	C17H36	000629-78-7	94
3	Pentacosane	352	C25H52	000629-99-2	94
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Operator : CG/JU
Sample : N5049-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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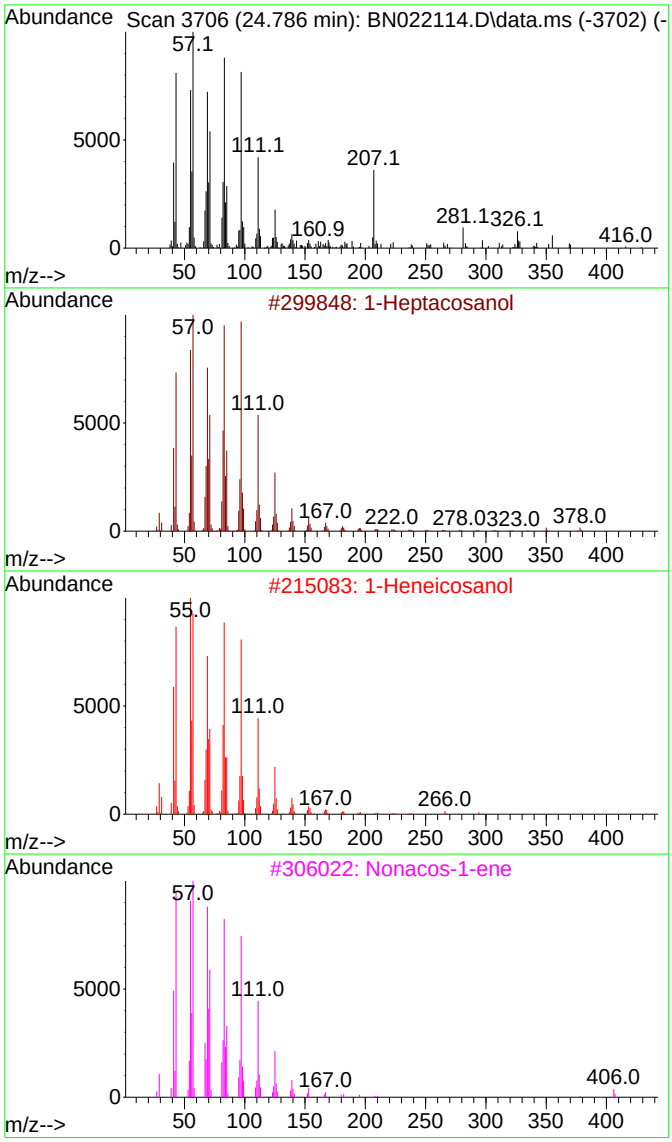
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

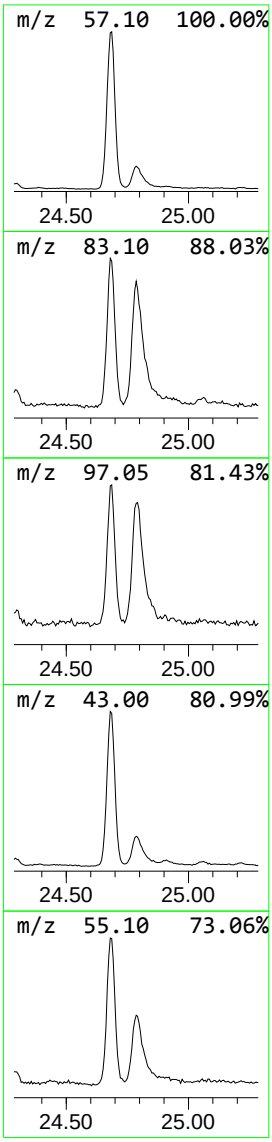
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Heptacosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.786	2.29 ng/ul	378593	Perylene-d12	24.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Nonacos-1-ene	406	C29H58	018835-35-3	87
4	Octacosanol	410	C28H58O	000557-61-9	87
5	1-Hexacosanol	382	C26H54O	000506-52-5	87





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
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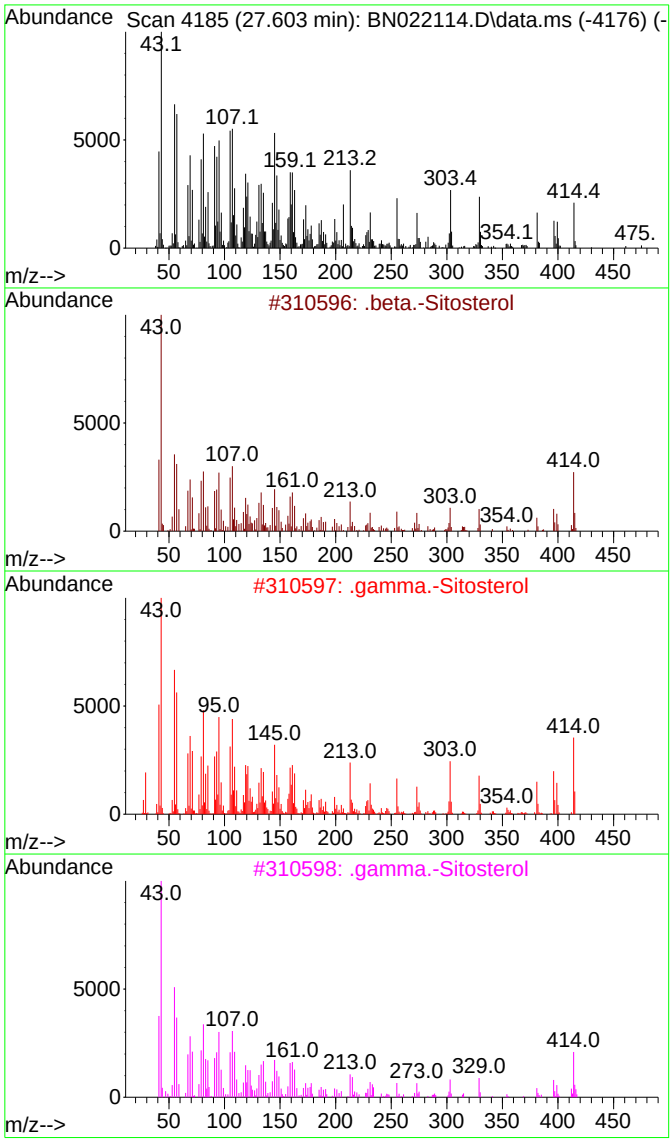
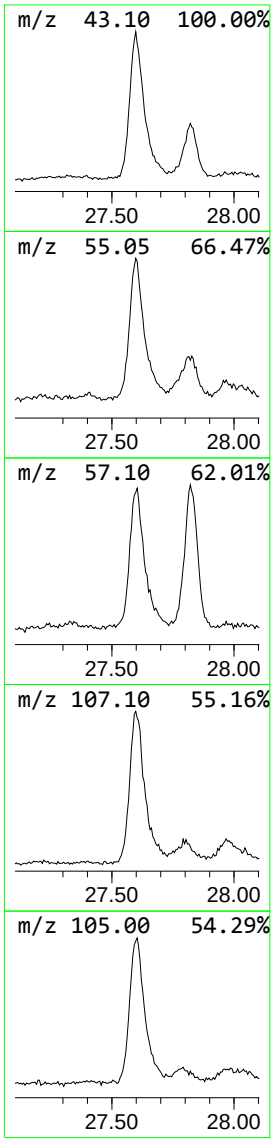
****
Peak Number 11 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.603	10.16 ng/ul	1679830	Perylene-d12	24.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	94
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	86
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	81
5	Campesterol	400	C28H48O	000474-62-4	53





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.557	2.5	ng/ul	241320	2	10.787	1917000	20.0
Safrole	12.251	33.7	ng/ul	3226360	2	10.787	1917000	20.0
n-Hexadecanoic ...	18.274	7.0	ng/ul	1120720	4	17.380	3196100	20.0
9-Octadecenoic ...	19.439	5.4	ng/ul	869691	4	17.380	3196100	20.0
Octadecanoic acid	19.557	2.1	ng/ul	364230	5	21.580	3413240	20.0
Ethanol, 2-(tet...	21.280	4.9	ng/ul	833832	5	21.580	3413240	20.0
(DEL) Alkane: S...	23.280	4.1	ng/ul	670819	6	24.051	3305490	20.0
(DEL) Alkane: S...	23.339	2.9	ng/ul	480672	6	24.051	3305490	20.0
(DEL) Alkane: S...	24.686	6.9	ng/ul	1144330	6	24.051	3305490	20.0
1-Heptacosanol	24.786	2.3	ng/ul	378593	6	24.051	3305490	20.0
.beta.-Sitosterol	27.603	10.2	ng/ul	1679830	6	24.051	3305490	20.0