

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009826.D
 Acq On : 22 Feb 2020 02:16
 Operator : CG/JU
 Sample : PB126823BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK23

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	5	8	14	rVB	38098	48571	1.39%	0.115%
2	3.523	87	91	95	rBV3	3138	5030	0.14%	0.012%
3	3.634	106	110	115	rVB4	11336	18835	0.54%	0.045%
4	3.723	118	125	131	rVB5	8813	17225	0.49%	0.041%
5	3.934	159	161	166	rBV4	4066	6119	0.17%	0.015%
6	4.081	183	186	189	rBV4	2469	4088	0.12%	0.010%
7	4.199	203	206	208	rBV3	4728	4228	0.12%	0.010%
8	4.246	211	214	220	rVB4	5074	9074	0.26%	0.022%
9	4.593	269	273	282	rBV	30669	45378	1.30%	0.108%
10	5.440	414	417	426	rVB6	5043	10521	0.30%	0.025%
11	6.593	605	613	627	rBV	672464	1107954	31.68%	2.634%
12	6.752	633	640	652	rBV	485150	781919	22.36%	1.859%
13	6.934	664	671	683	rBV	682640	1101248	31.49%	2.618%
14	7.028	686	687	693	rVB5	5416	6302	0.18%	0.015%
15	7.393	743	749	764	rVB	584513	935275	26.75%	2.223%
16	8.105	864	870	886	rBV	800781	1267551	36.25%	3.013%
17	8.534	937	943	952	rBV	689179	1117765	31.96%	2.657%
18	9.246	1057	1064	1075	rBV	560511	926133	26.48%	2.201%
19	9.775	1148	1154	1171	rBV	725531	1283716	36.71%	3.051%
20	10.140	1206	1216	1228	rVB	819253	1367320	39.10%	3.250%
21	10.293	1235	1242	1260	rBV	681553	1356674	38.80%	3.225%
22	11.757	1487	1491	1502	rVB4	6742	14096	0.40%	0.034%
23	12.563	1624	1628	1633	rBV4	5223	9215	0.26%	0.022%
24	13.457	1774	1780	1789	rBV	1371334	1912978	54.70%	4.547%
25	13.716	1817	1824	1836	rBV	1522189	2199313	62.89%	5.228%
26	14.028	1870	1877	1888	rBV	1200828	1788917	51.16%	4.252%
27	14.269	1913	1918	1940	rBV	481529	954777	27.30%	2.270%
28	14.487	1950	1955	1961	rBV7	19648	35807	1.02%	0.085%
29	15.034	2042	2048	2056	rBV	1928989	2699921	77.21%	6.418%
30	15.193	2069	2075	2086	rBV	660728	1024230	29.29%	2.435%
31	15.275	2086	2089	2097	rVB3	27221	43193	1.24%	0.103%
32	15.822	2179	2182	2186	rBV3	6733	8656	0.25%	0.021%
33	16.351	2270	2272	2277	rVB4	4389	6044	0.17%	0.014%
34	16.575	2307	2310	2316	rBV2	3779	5885	0.17%	0.014%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1
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Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Title : SVOA CALIBRATION

35	16.787	2340	2346	2354	rBV	1500811	2039816	58.33%	4.849%
36	16.887	2357	2363	2378	rVV	2178746	2956484	84.55%	7.028%
37	17.022	2384	2386	2389	rBV3	4621	3980	0.11%	0.009%
38	17.722	2500	2505	2508	rBV4	7888	13053	0.37%	0.031%
39	17.769	2508	2513	2519	rVB2	23228	38898	1.11%	0.092%
40	18.263	2592	2597	2601	rBV5	3191	6693	0.19%	0.016%
41	18.404	2617	2621	2623	rBV2	2653	3728	0.11%	0.009%
42	18.616	2653	2657	2658	rBV3	5187	5396	0.15%	0.013%
43	18.834	2689	2694	2698	rVV	18481	27307	0.78%	0.065%
44	19.016	2723	2725	2727	rBV3	4552	4039	0.12%	0.010%
45	19.081	2732	2736	2741	rVV	16977	21926	0.63%	0.052%
46	19.192	2746	2755	2761	rBV	2540653	3496912	100.00%	8.312%
47	19.245	2761	2764	2770	rVB	351202	376998	10.78%	0.896%
48	19.581	2819	2821	2824	rBV4	3983	5514	0.16%	0.013%
49	19.922	2877	2879	2882	rBV3	4832	5481	0.16%	0.013%
50	20.228	2927	2931	2937	rBV8	12611	22933	0.66%	0.055%
51	20.622	2995	2998	3004	rBV3	69292	77759	2.22%	0.185%
52	20.698	3006	3011	3016	rBV	97939	163395	4.67%	0.388%
53	20.751	3016	3020	3025	rVV	147230	205864	5.89%	0.489%
54	20.804	3025	3029	3036	rVV	311295	413984	11.84%	0.984%
55	20.875	3039	3041	3044	rVB	24793	21866	0.63%	0.052%
56	20.951	3050	3054	3057	rBV	68173	73646	2.11%	0.175%
57	21.004	3058	3063	3072	rBV	1839312	2179584	62.33%	5.181%
58	21.192	3092	3095	3100	rBV3	41586	43182	1.23%	0.103%
59	21.610	3163	3166	3171	rVB2	92265	103777	2.97%	0.247%
60	22.039	3236	3239	3245	rVB	165138	208730	5.97%	0.496%
61	22.510	3315	3319	3325	rVB	225324	294069	8.41%	0.699%
62	22.974	3391	3398	3403	rBV	2063618	3424813	97.94%	8.141%
63	23.027	3403	3407	3411	rVV	284417	431405	12.34%	1.025%
64	23.104	3414	3420	3430	rVB	1265140	2206703	63.10%	5.245%
65	23.610	3501	3506	3512	rVB	227707	397024	11.35%	0.944%
66	24.274	3614	3619	3628	rVB2	199425	393603	11.26%	0.936%
67	25.051	3747	3751	3760	rVB2	129130	276198	7.90%	0.657%

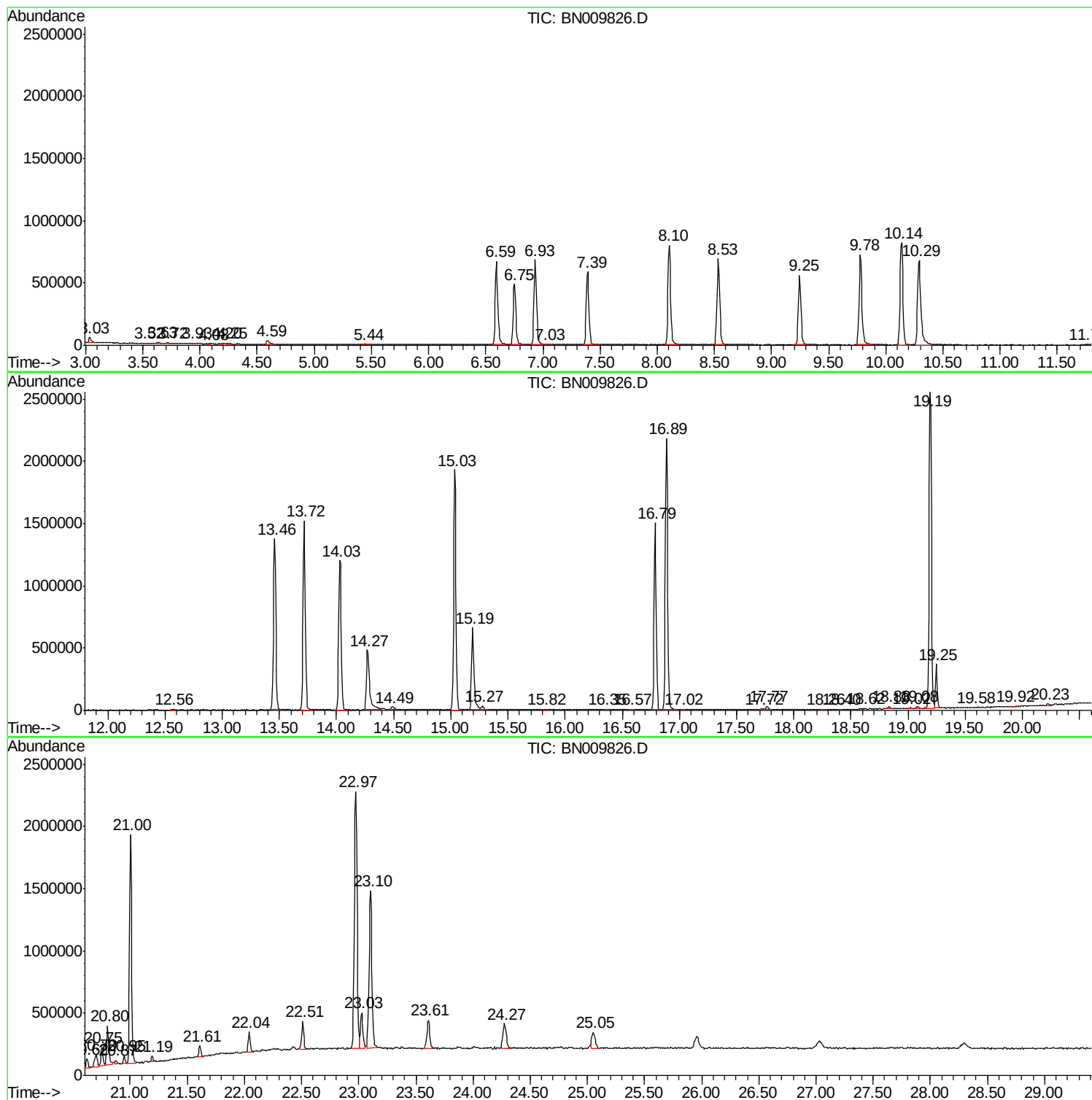
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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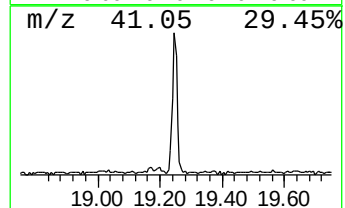
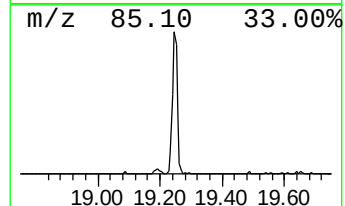
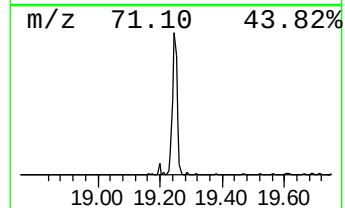
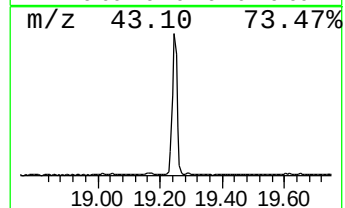
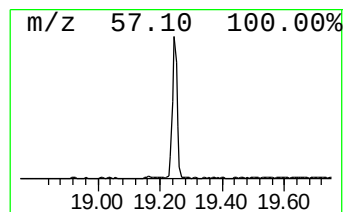
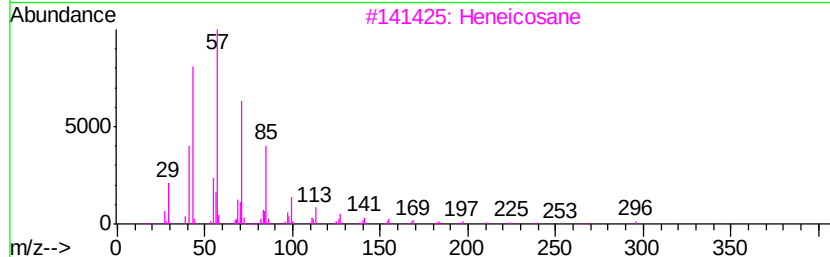
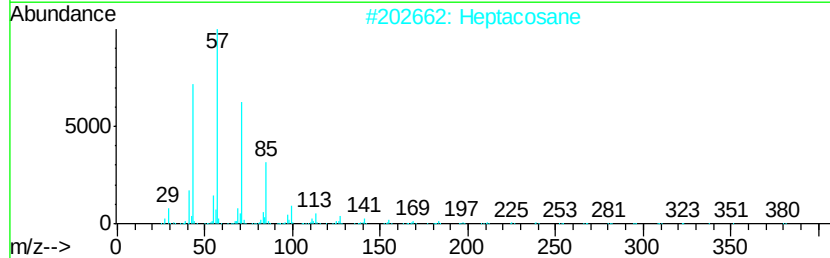
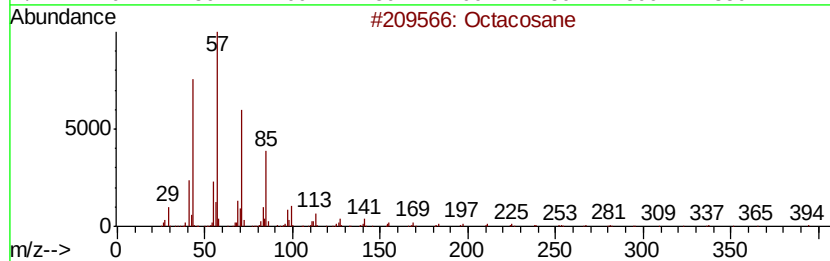
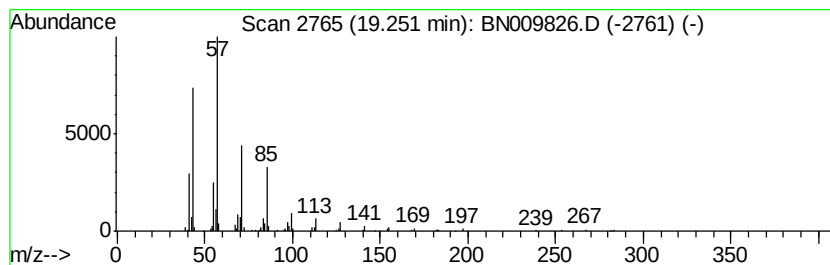
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.46 ng/ul	376998	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Octadecane	254	C18H38	000593-45-3	87



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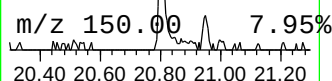
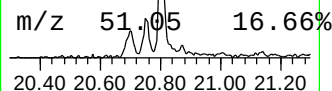
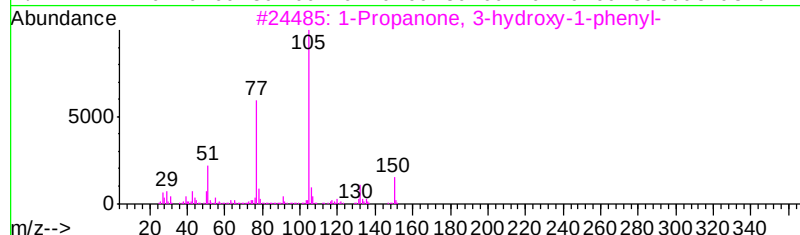
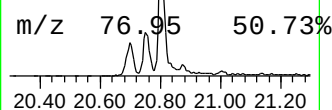
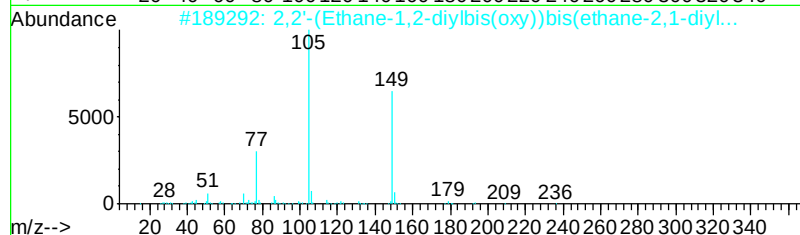
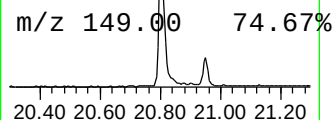
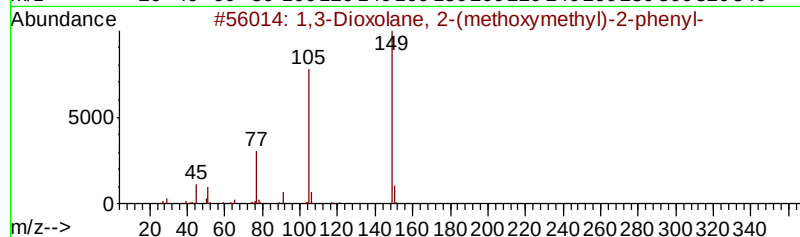
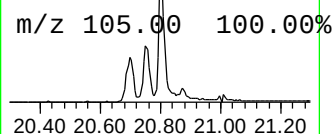
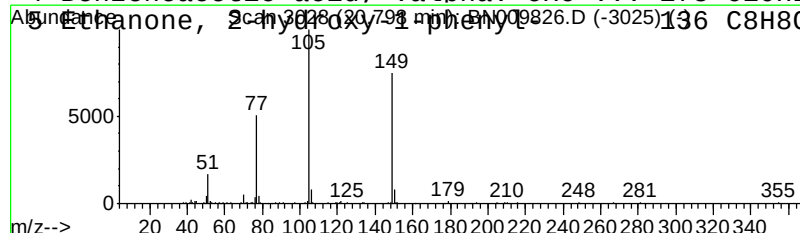
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.80	3.80 ng/ul	413984	Chrysene-d12	21.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	78
2	2,2'-(Ethane-1,2-diylbis(oxv))bi...	358	C20H22O6	1000366-99-4	53
3	1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	47
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	43



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Misc :
ALS Vial : 16 Sample Multiplier: 1

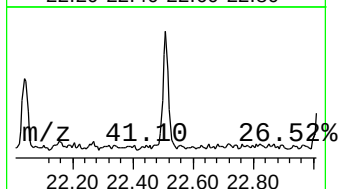
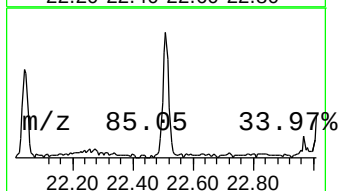
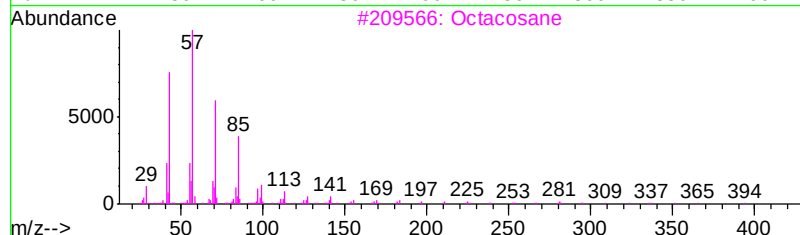
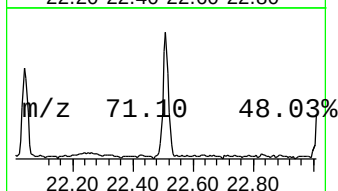
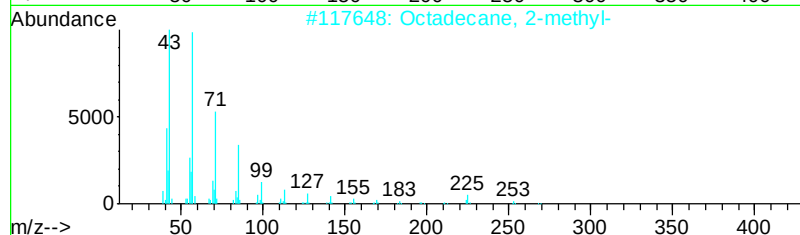
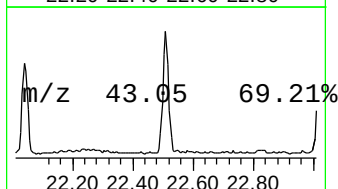
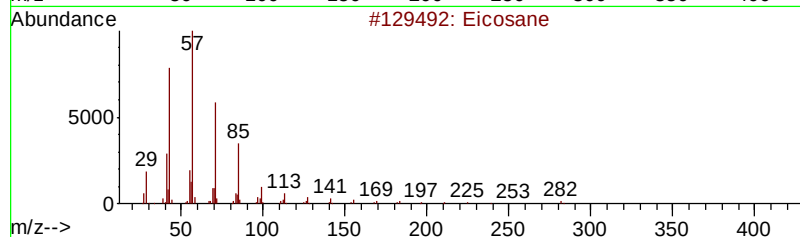
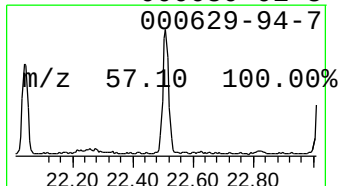
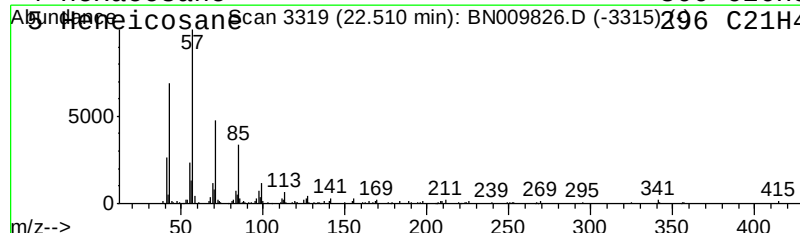
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.51	2.67 ng/ul	294069	Perylene-d12	23.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Pentacosane	350	C25H50	000629-94-7	87



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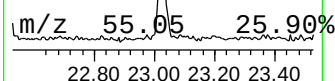
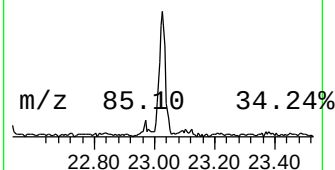
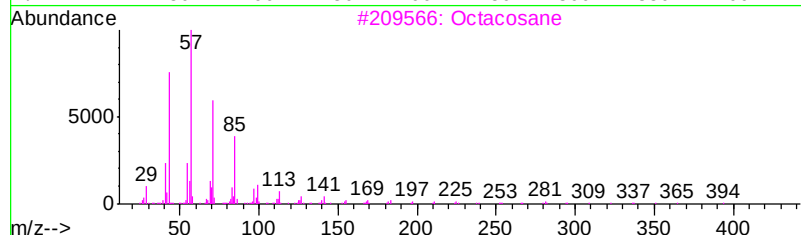
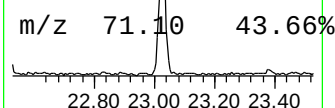
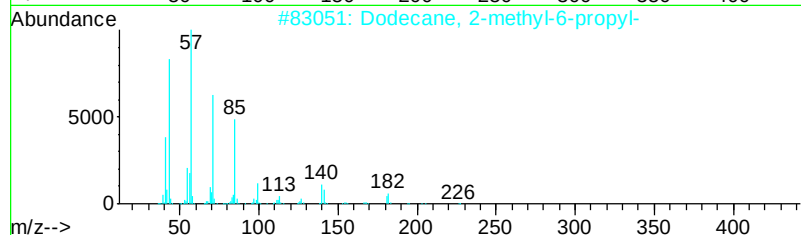
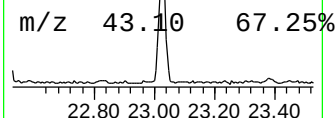
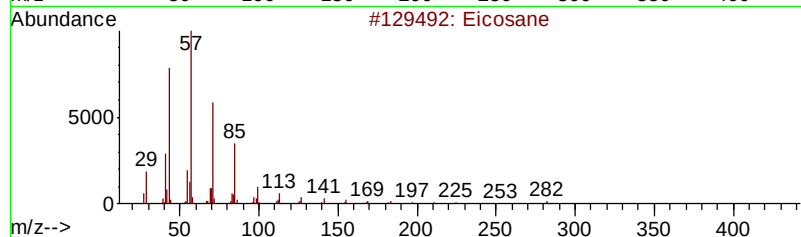
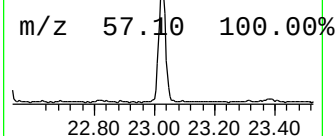
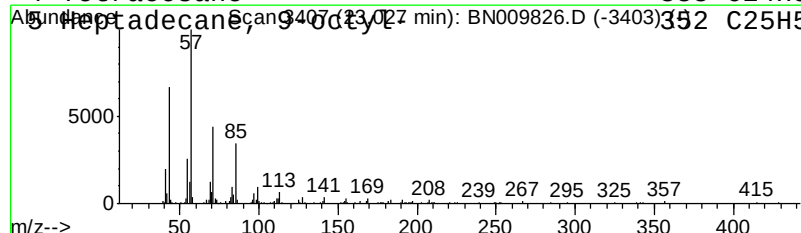
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.03	3.91 ng/ul	431405	Perylene-d12	23.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Octacosane	394	C28H58	000630-02-4	81
4	Tetracosane	338	C24H50	000646-31-1	80
5	Heptacosane	352	C25H52	007225-64-1	74



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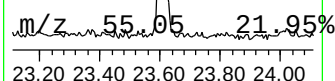
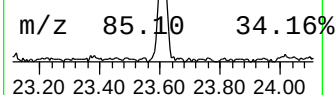
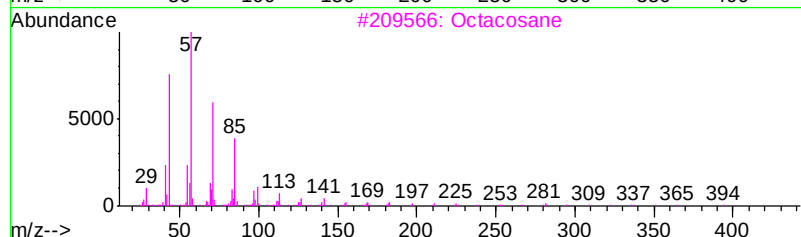
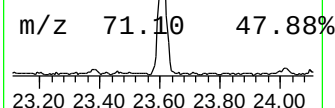
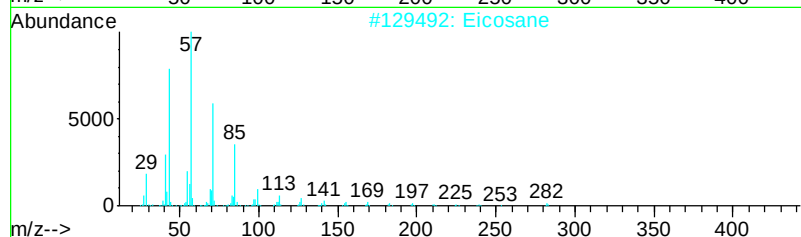
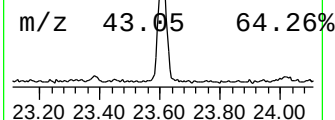
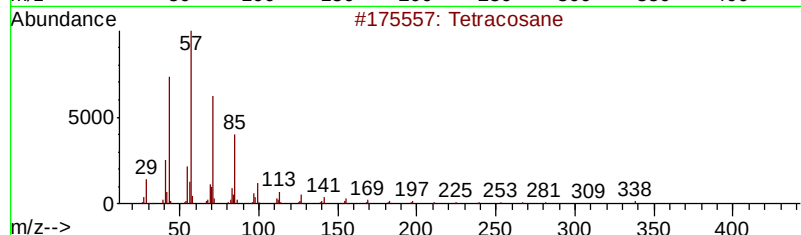
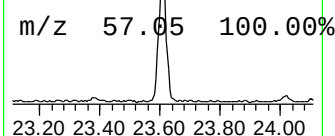
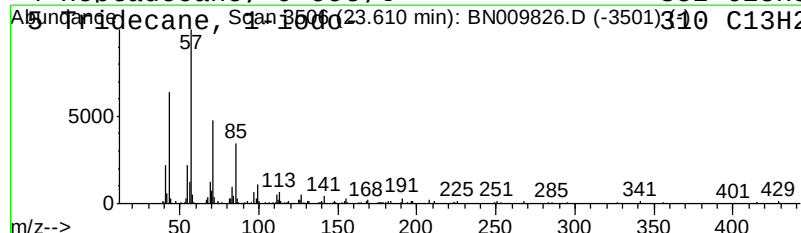
Instrument :
BNA_N
ClientSampleId :
SBLK23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.61	3.60 ng/ul	397024	Perylene-d12	23.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Undecane, 9-octyl-	310	C13H27I	035599-77-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009826.D
Acq On : 22 Feb 2020 02:16
Operator : CG/JU
Sample : PB126823BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

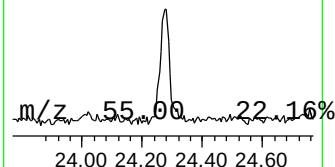
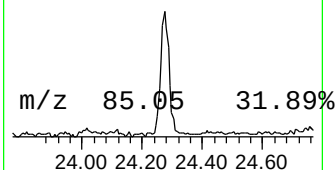
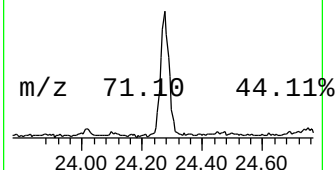
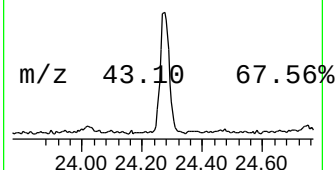
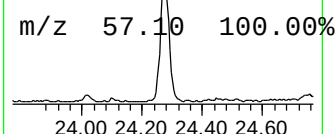
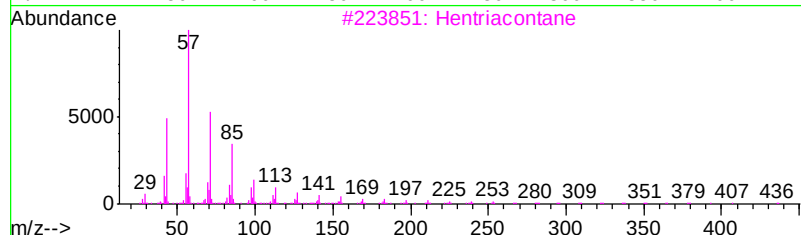
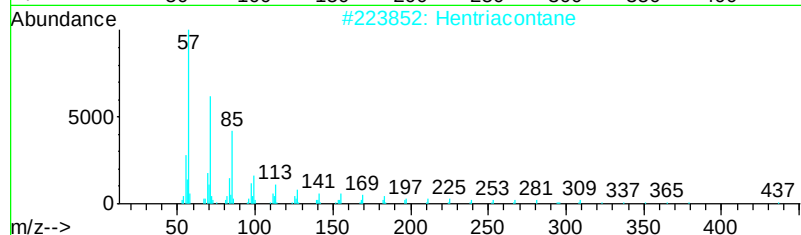
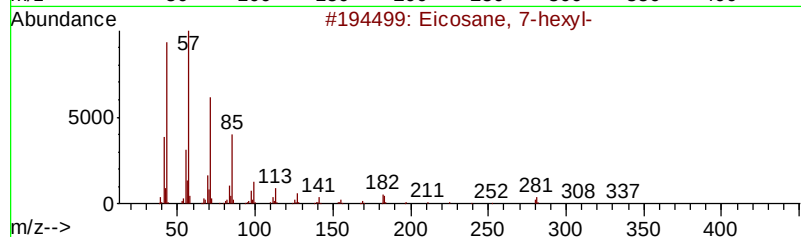
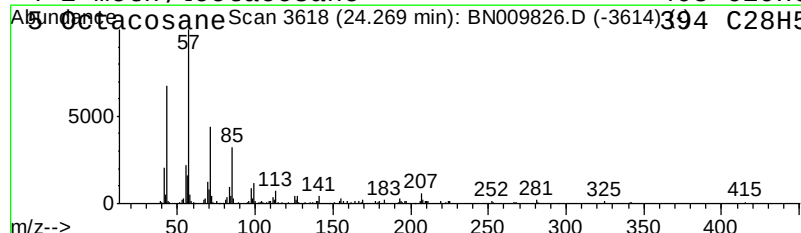
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.27	3.57 ng/ul	393603	Perylene-d12	23.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	81
5	Octacosane	394	C28H58	000630-02-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
 Data File : BN009826.D
 Acq On : 22 Feb 2020 02:16
 Operator : CG/JU
 Sample : PB126823BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

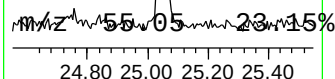
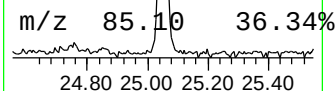
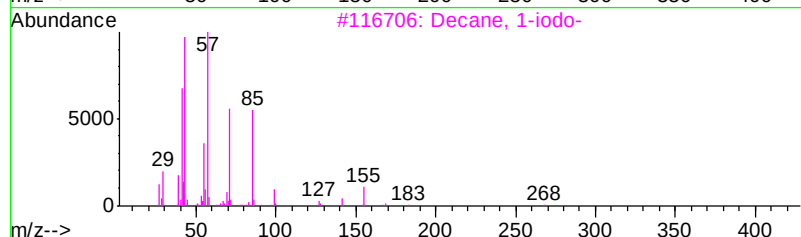
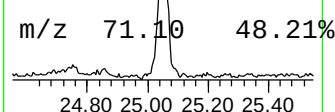
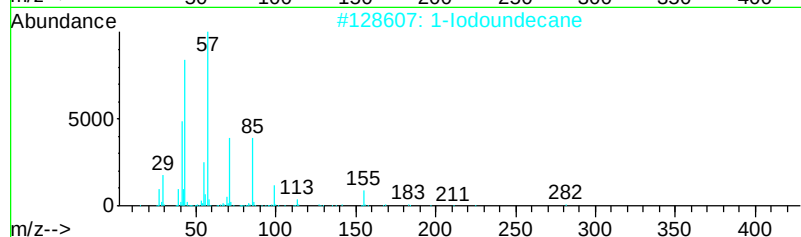
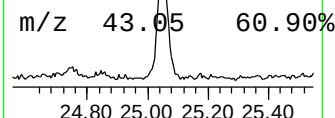
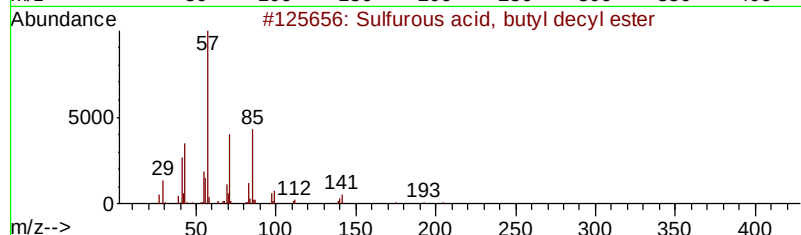
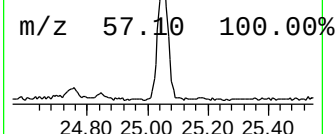
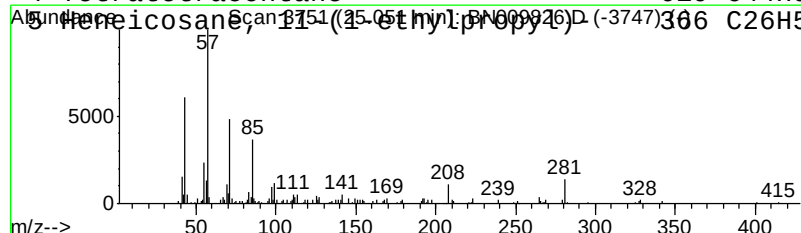
Instrument :
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 ClientSampleID :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION

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

 Peak Number 7 Sulfurous acid, butyl decyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.05	2.50 ng/ul	276198	Perylene-d12	23.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
2	1-Iodoundecane	282	C11H23I	004282-44-4	62
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	60
4	Tetratetracontane	619	C44H90	007098-22-8	53
5	Hexacosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009826.D
Acq On : 22 Feb 2020 02:16
Operator : CG/JU
Sample : PB126823BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	19.25	3.5	ng/ul	376998	5	21.00	2179580	20.0
1,3-Dioxolane, 2-...	20.80	3.8	ng/ul	413984	5	21.00	2179580	20.0
(DEL) Alkane: Str...	22.51	2.7	ng/ul	294069	6	23.10	2206700	20.0
(DEL) Alkane: Str...	23.03	3.9	ng/ul	431405	6	23.10	2206700	20.0
(DEL) Alkane: Str...	23.61	3.6	ng/ul	397024	6	23.10	2206700	20.0
(DEL) Alkane: Str...	24.27	3.6	ng/ul	393603	6	23.10	2206700	20.0
Sulfurous acid, b...	25.05	2.5	ng/ul	276198	6	23.10	2206700	20.0