

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042012.D
 Acq On : 7 Aug 2019 00:51
 Operator : HP/JU
 Sample : K4029-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENX8

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_G\METHODS\SOM-EPA-BG080319MA.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	3.146	5	10	29	rVB	1268807	2033559	100.00%	9.971%
2	3.405	51	54	61	rBV2	9271	14803	0.73%	0.073%
3	4.075	163	168	176	rVB	8830	15598	0.77%	0.076%
4	4.169	182	184	192	rVB4	3123	4358	0.21%	0.021%
5	5.097	338	342	348	rVB3	2619	4262	0.21%	0.021%
6	5.708	442	446	449	rBV3	1230	2167	0.11%	0.011%
7	7.177	689	696	709	rBV	130323	269798	13.27%	1.323%
8	7.342	718	724	735	rBV	113942	202586	9.96%	0.993%
9	7.553	753	760	770	rBV	154314	284187	13.97%	1.393%
10	8.029	834	841	849	rBV	174713	306131	15.05%	1.501%
11	8.099	849	853	856	rVB2	1766	2569	0.13%	0.013%
12	8.734	953	961	971	rBV	158975	306558	15.07%	1.503%
13	8.805	971	973	980	rVB4	1395	2474	0.12%	0.012%
14	9.192	1032	1039	1047	rBV	150826	276532	13.60%	1.356%
15	9.639	1112	1115	1120	rVB4	3662	5019	0.25%	0.025%
16	9.921	1154	1163	1175	rBV	129747	241459	11.87%	1.184%
17	10.103	1188	1194	1198	rBV2	1705	2514	0.12%	0.012%
18	10.467	1248	1256	1274	rBV	203972	389718	19.16%	1.911%
19	10.849	1313	1321	1334	rBV	255808	497947	24.49%	2.442%
20	10.978	1336	1343	1357	rVV	164346	336996	16.57%	1.652%
21	12.447	1588	1593	1594	rBV2	2658	3293	0.16%	0.016%
22	13.293	1733	1737	1740	rBV3	1879	2462	0.12%	0.012%
23	14.087	1865	1872	1876	rVV	498488	755897	37.17%	3.706%
24	14.134	1876	1880	1890	rVV	236635	356263	17.52%	1.747%
25	14.380	1914	1922	1936	rBV	558772	927427	45.61%	4.548%
26	14.686	1967	1974	1984	rBV2	507920	810455	39.85%	3.974%
27	14.868	1999	2005	2022	rBV	88287	193820	9.53%	0.950%
28	15.097	2039	2044	2051	rVB2	20849	32226	1.58%	0.158%
29	15.485	2104	2110	2112	rBV	2500	3947	0.19%	0.019%
30	15.532	2117	2118	2127	rVB5	2369	3835	0.19%	0.019%
31	15.679	2135	2143	2156	rBV	796285	1229064	60.44%	6.027%
32	15.790	2156	2162	2177	rVV	143587	255300	12.55%	1.252%
33	15.920	2180	2184	2192	rVB4	9481	18132	0.89%	0.089%
34	16.166	2221	2226	2233	rBV7	2409	4583	0.23%	0.022%

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35	16.402	2263	2266	2269	rVB3	1685	2348	0.12%	0.012%
36	16.460	2274	2276	2282	rVB4	3297	4886	0.24%	0.024%
37	16.872	2342	2346	2350	rVB4	1525	2776	0.14%	0.014%
38	16.977	2360	2364	2367	rBV4	1756	2719	0.13%	0.013%
39	17.195	2397	2401	2404	rBV4	2521	4130	0.20%	0.020%
40	17.353	2425	2428	2429	rBV2	2345	2299	0.11%	0.011%
41	17.436	2434	2442	2453	rBV2	731849	1153385	56.72%	5.656%
42	17.535	2453	2459	2471	rVB	911230	1388404	68.27%	6.808%
43	17.724	2487	2491	2493	rBV	2894	3278	0.16%	0.016%
44	17.853	2511	2513	2517	rVB3	1874	2195	0.11%	0.011%
45	17.941	2526	2528	2533	rBV3	2153	2512	0.12%	0.012%
46	18.335	2588	2595	2605	rBV8	35585	97168	4.78%	0.476%
47	18.405	2605	2607	2612	rVB	9194	9426	0.46%	0.046%
48	18.446	2612	2614	2616	rBV3	2240	2474	0.12%	0.012%
49	18.517	2621	2626	2634	rVV7	5173	11187	0.55%	0.055%
50	18.634	2642	2646	2648	rBV4	2650	2159	0.11%	0.011%
51	18.816	2673	2677	2679	rBV5	2940	4843	0.24%	0.024%
52	18.852	2682	2683	2687	rVB4	2885	2679	0.13%	0.013%
53	19.087	2722	2723	2726	rBV3	2572	2333	0.11%	0.011%
54	19.116	2726	2728	2730	rBV4	2293	2216	0.11%	0.011%
55	19.233	2743	2748	2750	rBV4	4306	6606	0.32%	0.032%
56	19.251	2750	2751	2756	rVB5	3679	4173	0.21%	0.020%
57	19.363	2767	2770	2771	rBV2	4380	4465	0.22%	0.022%
58	19.492	2788	2792	2798	rVB	46918	70661	3.47%	0.346%
59	19.586	2806	2808	2810	rBV3	3359	3451	0.17%	0.017%
60	19.610	2810	2812	2813	rBV2	3494	2267	0.11%	0.011%
61	19.709	2826	2829	2833	rBV	9350	10543	0.52%	0.052%
62	19.821	2841	2848	2861	rBV	1222179	1815963	89.30%	8.904%
63	20.044	2882	2886	2891	rBV	26163	38681	1.90%	0.190%
64	20.297	2927	2929	2930	rBV2	3393	2262	0.11%	0.011%
65	20.344	2934	2937	2938	rBV3	8195	9106	0.45%	0.045%
66	20.485	2959	2961	2962	rBV2	3756	2465	0.12%	0.012%
67	20.685	2993	2995	2997	rBV3	4592	3505	0.17%	0.017%
68	20.738	3003	3004	3007	rVB3	9269	5898	0.29%	0.029%
69	20.861	3022	3025	3028	rVB4	13204	15362	0.76%	0.075%
70	21.372	3106	3112	3120	rBV3	88280	195725	9.62%	0.960%
71	21.607	3150	3152	3158	rVB5	9970	13136	0.65%	0.064%

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72	21.719	3163	3171	3177	rBV	838814	1409126	69.29%	6.910%
73	21.924	3203	3206	3213	rVB3	30352	42105	2.07%	0.206%
74	22.377	3281	3283	3285	rBV3	5125	4829	0.24%	0.024%
75	22.547	3307	3312	3319	rBV	45615	84869	4.17%	0.416%
76	23.258	3427	3433	3440	rVB2	59046	119196	5.86%	0.584%
77	23.452	3459	3466	3475	rVB2	93230	187638	9.23%	0.920%
78	23.940	3544	3549	3550	rBV5	16112	23122	1.14%	0.113%
79	24.087	3566	3574	3582	rVB3	70410	158110	7.78%	0.775%
80	24.668	3667	3673	3675	rBV7	11221	21647	1.06%	0.106%
81	24.756	3677	3688	3707	rVB	634263	1796384	88.34%	8.808%
82	24.986	3715	3727	3735	rBV2	508238	1454607	71.53%	7.133%
83	26.219	3929	3937	3946	rVB3	66359	198098	9.74%	0.971%
84	27.547	4161	4163	4164	rBV2	7001	5081	0.25%	0.025%
85	27.612	4166	4174	4187	rVB4	44083	164005	8.06%	0.804%
86	29.275	4453	4457	4458	rBV3	15319	17744	0.87%	0.087%
87	32.277	4966	4968	4971	rBV4	4476	3705	0.18%	0.018%

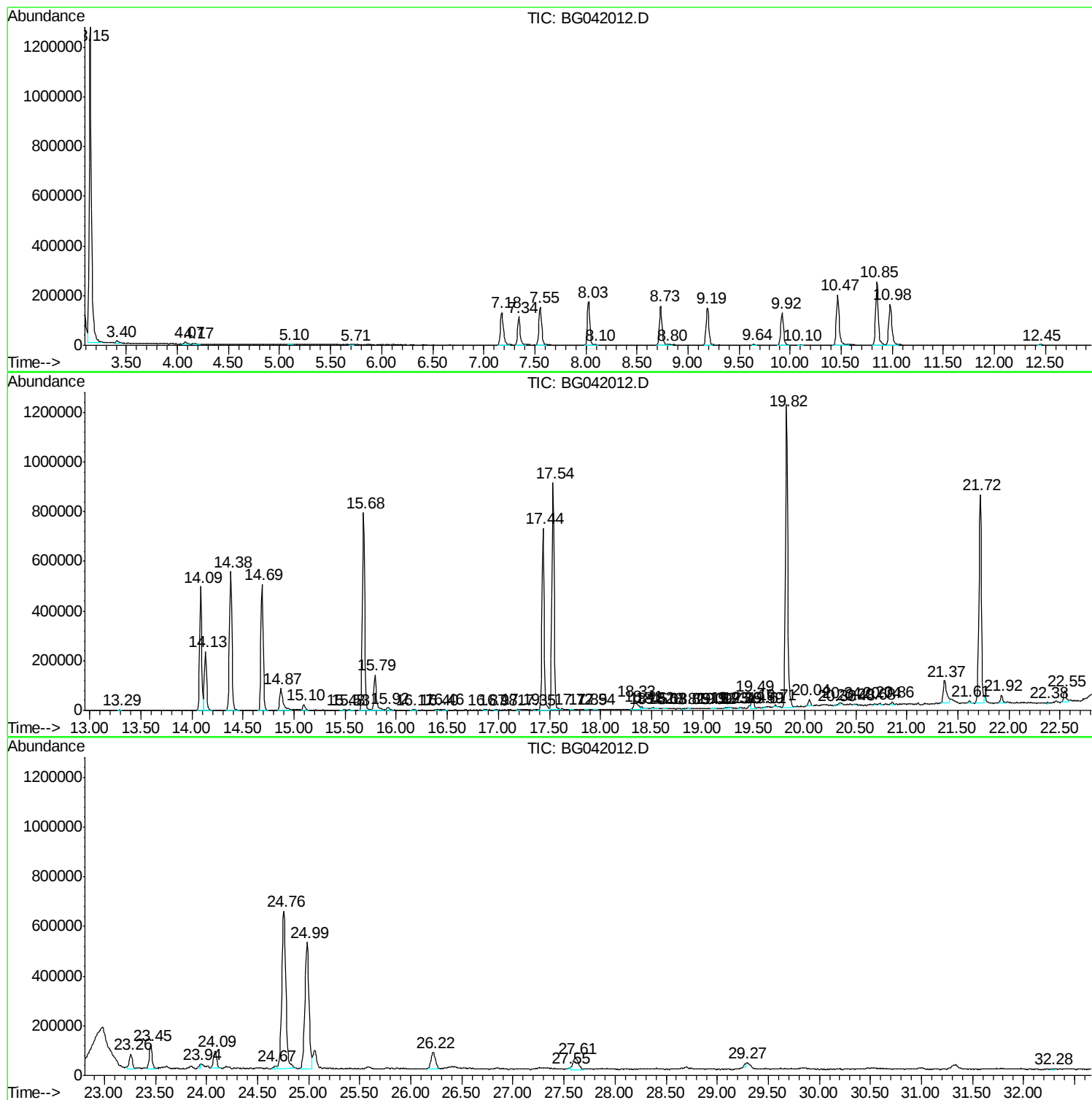
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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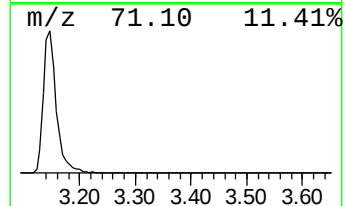
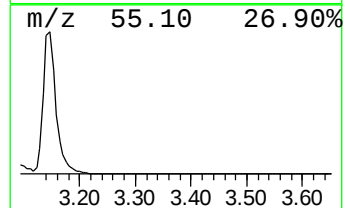
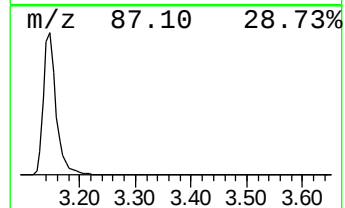
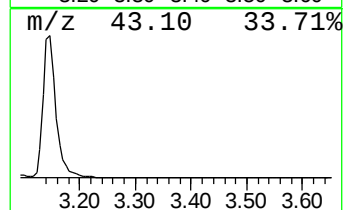
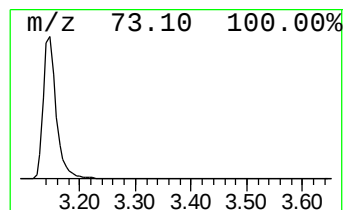
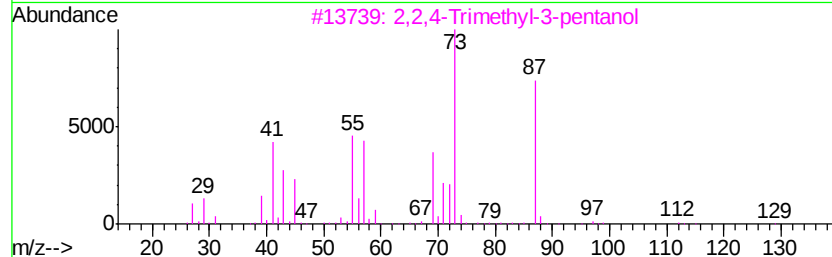
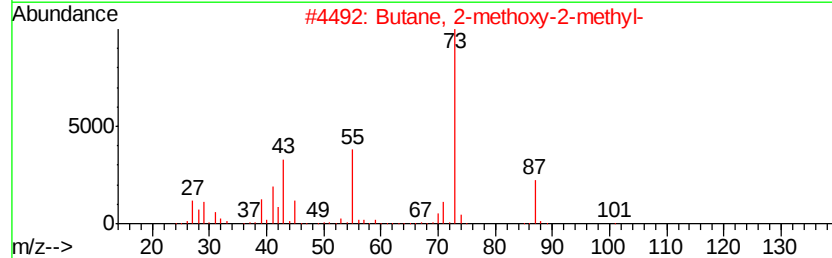
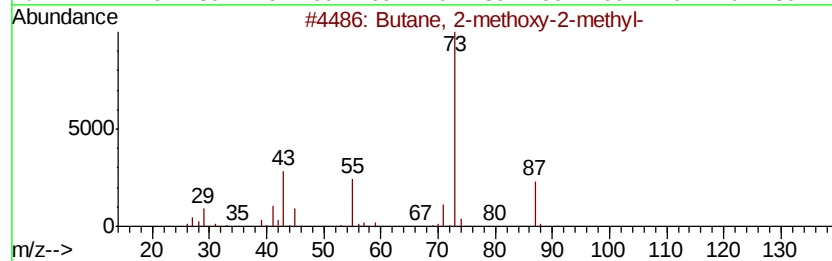
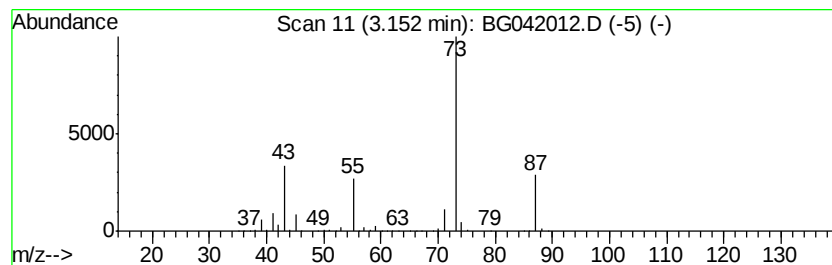
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
3.15	132.86 ng/ul	2033560	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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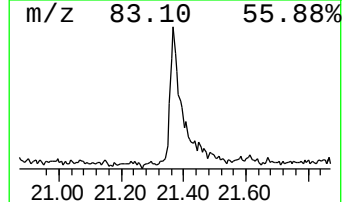
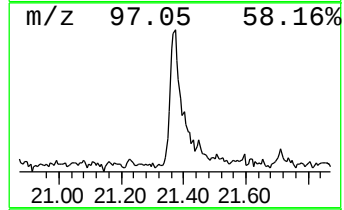
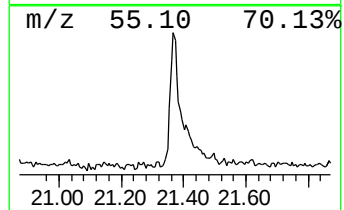
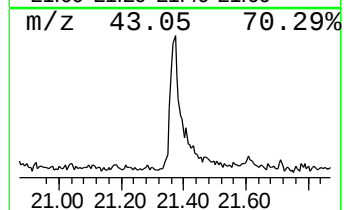
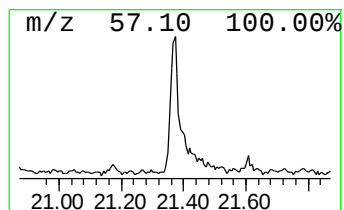
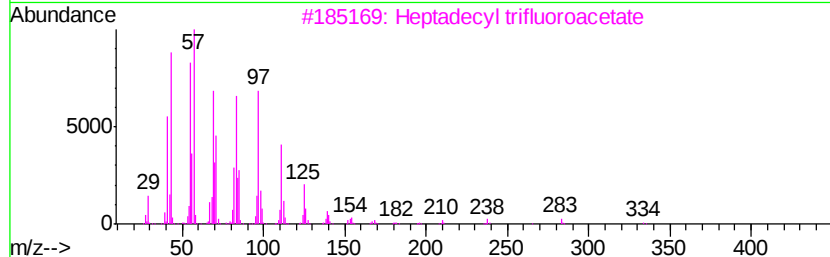
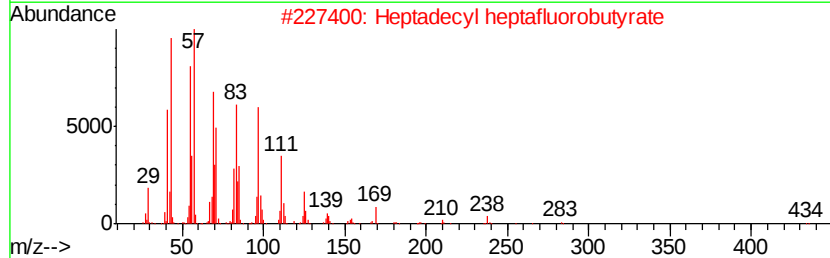
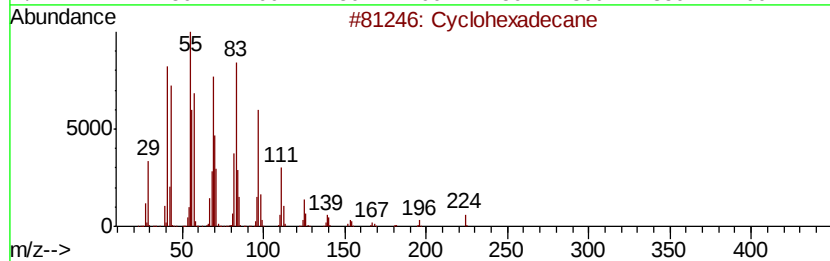
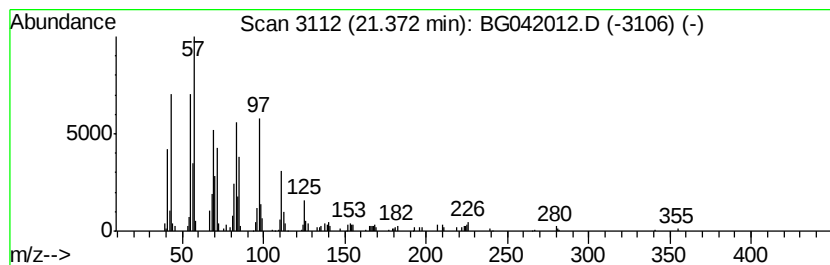
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.78 ng/ul	195725	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	95
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	92



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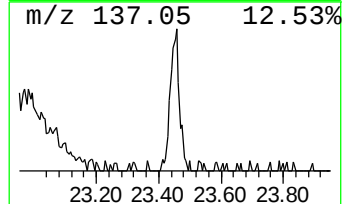
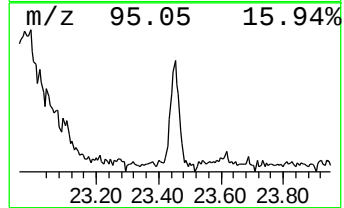
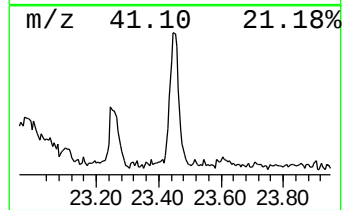
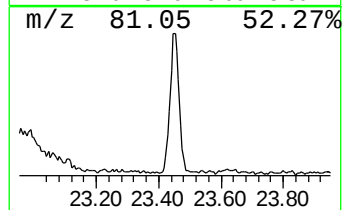
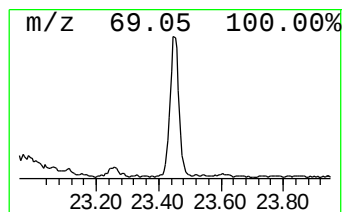
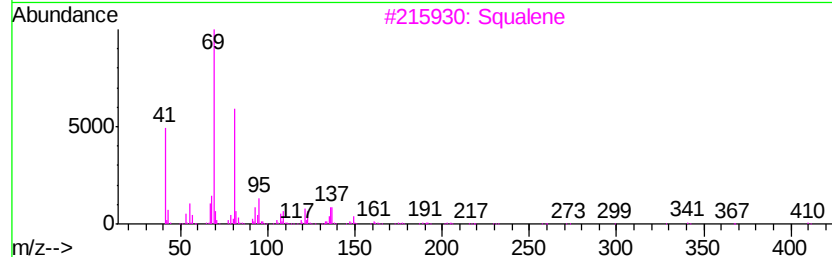
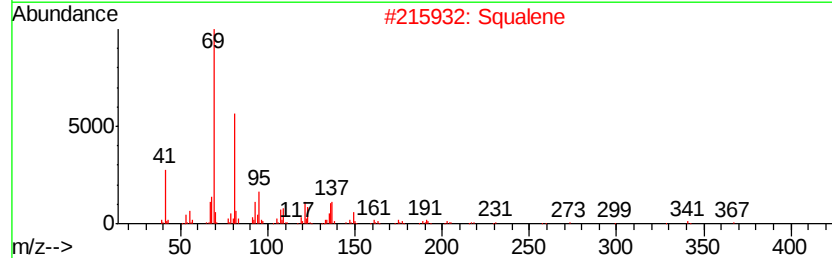
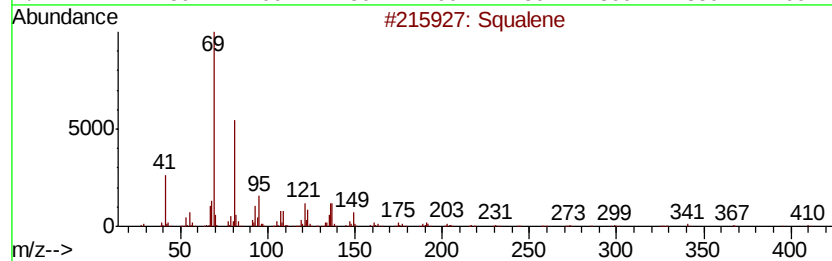
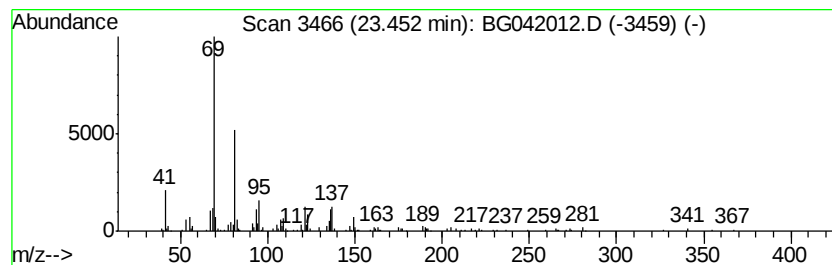
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.45	2.58 ng/ul	187638	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	90
2		Squalene	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	000111-02-4	90
4		Supraene	410	C30H50	007683-64-9	87
5		Squalene	410	C30H50	000111-02-4	86



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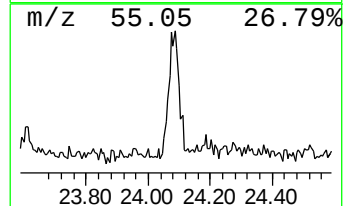
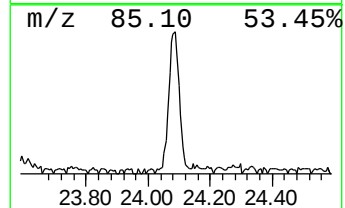
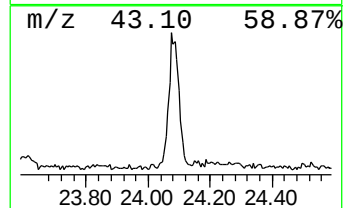
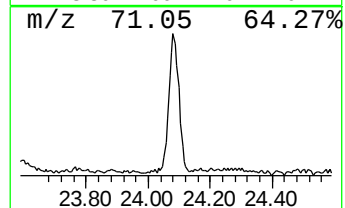
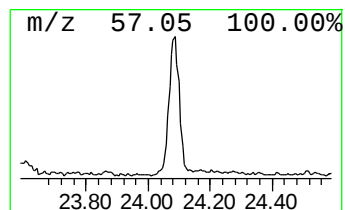
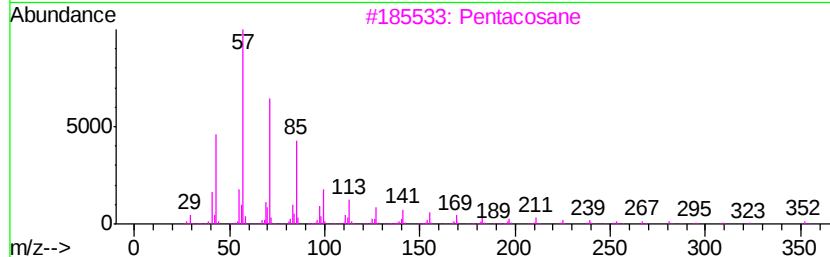
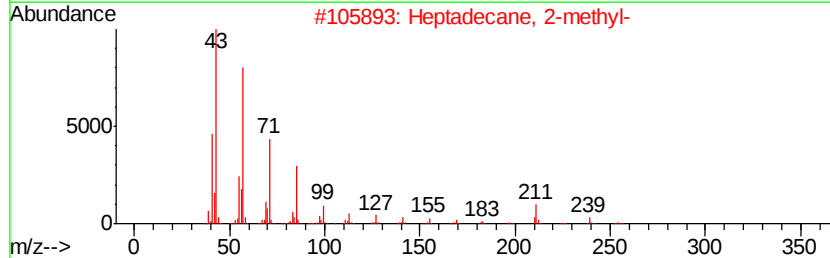
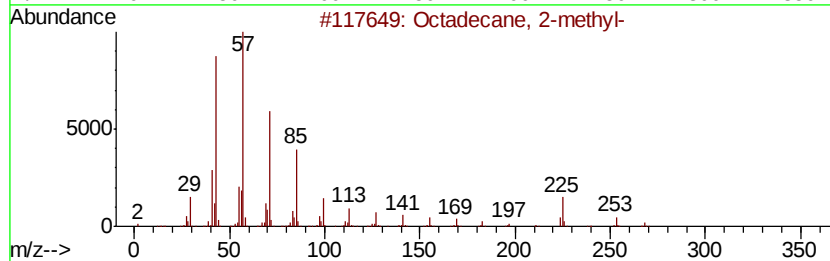
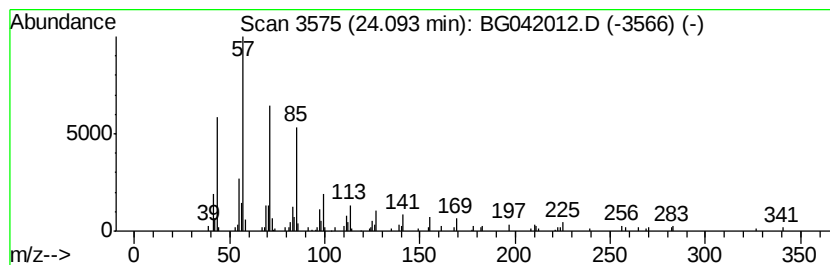
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.17 ng/ul	158110	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
3		Pentacosane	352	C25H52	000629-99-2	90
4		triacontane	422	C30H62	000638-68-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042012.D
Acq On : 7 Aug 2019 00:51
Operator : HP/JU
Sample : K4029-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX8

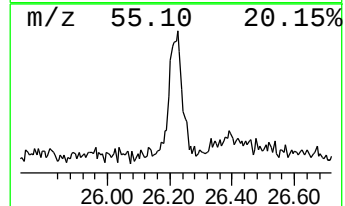
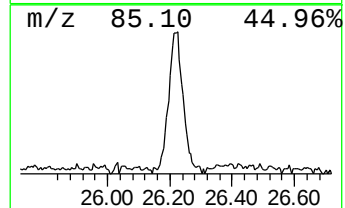
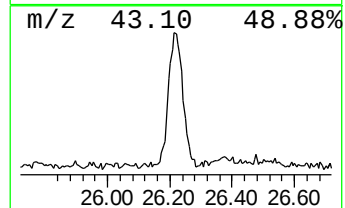
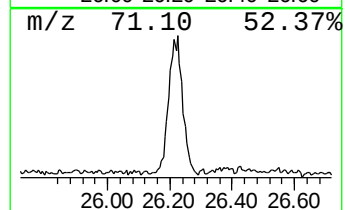
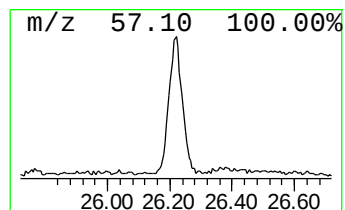
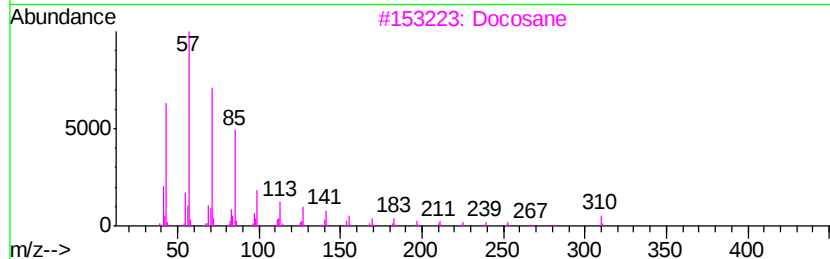
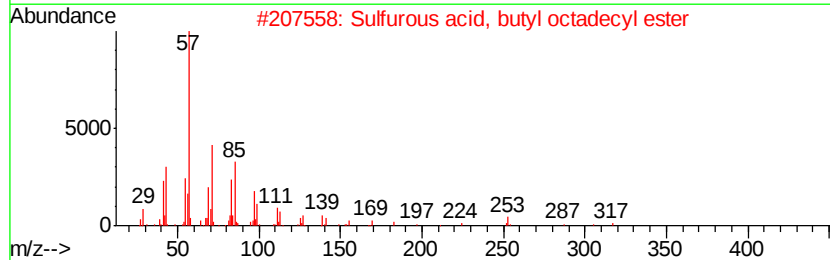
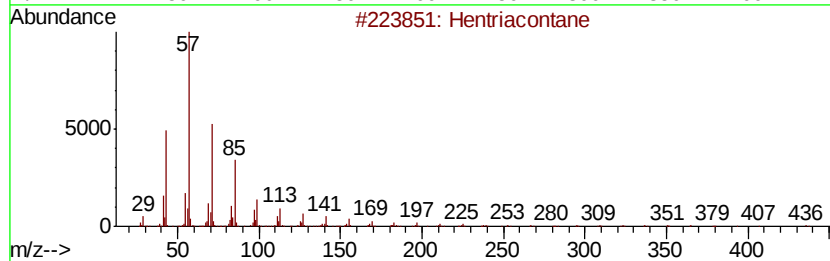
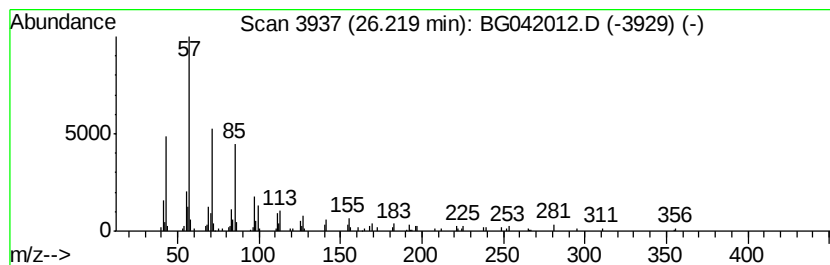
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Quant Title : SVOA CALIBRATION

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.
26.22	2.72 ng/ul	198098	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	87
3		Docosane	310	C22H46	000629-97-0	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042012.D
Acq On : 7 Aug 2019 00:51
Operator : HP/JU
Sample : K4029-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX8

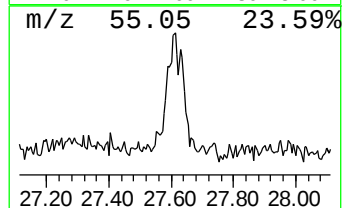
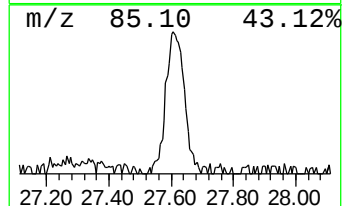
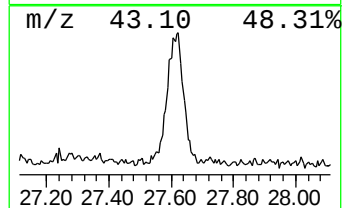
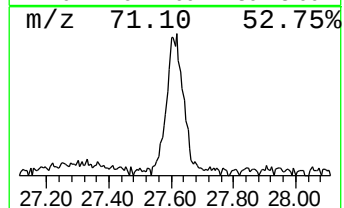
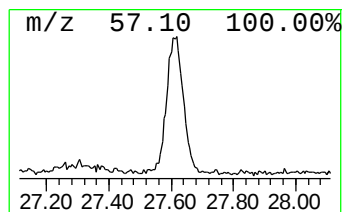
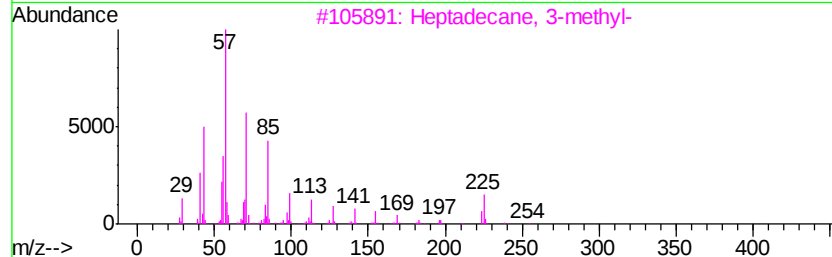
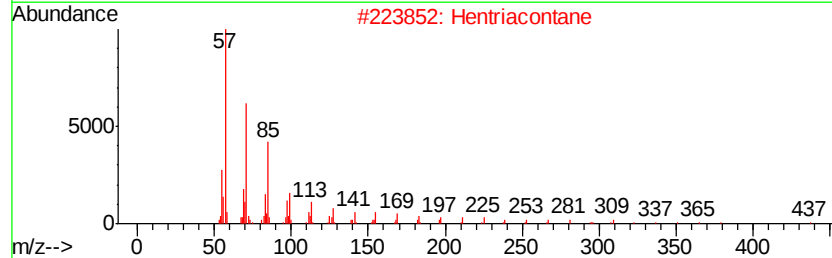
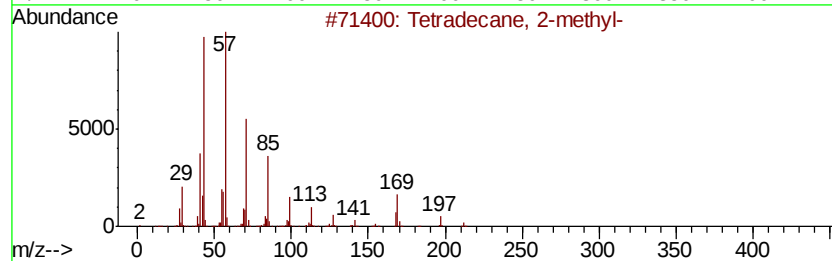
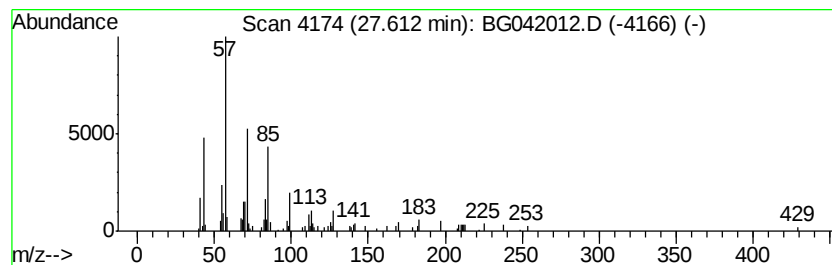
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.61	2.25 ng/ul	164005	Perylene-d12	24.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	90
2		Hentriacontane	437	C31H64	000630-04-6	86
3		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	86
4		Pentadecane	212	C15H32	000629-62-9	74
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\
Data File : BG042012.D
Acq On : 7 Aug 2019 00:51
Operator : HP/JU
Sample : K4029-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.15	132.9	ng/ul	2033560	1	8.03	306131	20.0
(DEL) Alkane: Cyc...	21.37	2.8	ng/ul	195725	5	21.72	1409130	20.0
Squalene	23.45	2.6	ng/ul	187638	6	24.99	1454610	20.0
(DEL) Alkane: Str...	24.09	2.2	ng/ul	158110	6	24.99	1454610	20.0
(DEL) Alkane: Str...	26.22	2.7	ng/ul	198098	6	24.99	1454610	20.0
(DEL) Alkane: Str...	27.61	2.3	ng/ul	164005	6	24.99	1454610	20.0