

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
 Data File : BM017445.D
 Acq On : 01 Nov 2018 00:30
 Operator : MJ/SJ
 Sample : J5701-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A40G4

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_M\METHODS\SOM-EPA-BM102418MA.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	3.222	36	40	45	rBV	34411	52400	0.79%	0.067%
2	3.716	120	124	126	rBV4	5905	7281	0.11%	0.009%
3	3.822	139	142	150	rVB	23983	40943	0.62%	0.053%
4	3.922	155	159	165	rBV3	16584	27766	0.42%	0.036%
5	4.075	184	185	191	rVB5	4891	6948	0.10%	0.009%
6	4.140	191	196	201	rVB7	5999	11859	0.18%	0.015%
7	4.822	305	312	321	rBV2	47027	84141	1.27%	0.108%
8	5.893	486	494	498	rBV6	4893	11216	0.17%	0.014%
9	6.822	646	652	668	rBV2	758064	1576244	23.70%	2.021%
10	6.987	674	680	694	rVB	614878	989524	14.88%	1.269%
11	7.181	706	713	724	rBV	810914	1300820	19.56%	1.668%
12	7.263	724	727	732	rVB3	5528	8232	0.12%	0.011%
13	7.645	785	792	800	rBV	908325	1462032	21.98%	1.875%
14	7.716	800	804	809	rVB4	12078	20559	0.31%	0.026%
15	8.351	905	912	922	rBV	979662	1661144	24.98%	2.130%
16	8.463	930	931	938	rVB5	7307	9256	0.14%	0.012%
17	8.798	980	988	1000	rBV	780455	1337414	20.11%	1.715%
18	9.198	1051	1056	1060	rBV	17281	25684	0.39%	0.033%
19	9.510	1102	1109	1120	rBV	668380	1160766	17.45%	1.488%
20	10.045	1193	1200	1215	rBV	902699	1760348	26.47%	2.257%
21	10.198	1224	1226	1230	rVB5	6963	7700	0.12%	0.010%
22	10.416	1256	1263	1276	rBV	1466945	2385564	35.87%	3.059%
23	10.563	1281	1288	1306	rBV	914614	1875519	28.20%	2.405%
24	12.016	1529	1535	1542	rBV	21603	35225	0.53%	0.045%
25	12.892	1680	1684	1689	rBV4	5040	8255	0.12%	0.011%
26	13.110	1718	1721	1726	rBV4	5024	8107	0.12%	0.010%
27	13.251	1741	1745	1751	rVB3	5637	8717	0.13%	0.011%
28	13.704	1816	1822	1827	rBV	1940431	2945159	44.28%	3.777%
29	13.751	1827	1830	1841	rVB	373684	573986	8.63%	0.736%
30	13.974	1858	1868	1885	rBV	2353282	3660650	55.04%	4.694%
31	14.192	1903	1905	1909	rVB4	6447	7849	0.12%	0.010%
32	14.286	1914	1921	1937	rVV2	2198572	3522323	52.96%	4.517%
33	14.516	1953	1960	1989	rBV	470408	1407760	21.17%	1.805%
34	14.727	1993	1996	2006	rVV7	24415	61008	0.92%	0.078%

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35	14.816	2008	2011	2015	rVB4	6437	6716	0.10%	0.009%
36	15.133	2062	2065	2066	rVV	5436	6831	0.10%	0.009%
37	15.151	2066	2068	2071	rVB4	10348	9973	0.15%	0.013%
38	15.286	2084	2091	2105	rBV	3076420	4691791	70.54%	6.016%
39	15.416	2107	2113	2124	rVV	868967	1392076	20.93%	1.785%
40	15.527	2128	2132	2137	rVV2	42703	90016	1.35%	0.115%
41	15.580	2137	2141	2145	rVB	62192	90301	1.36%	0.116%
42	15.768	2170	2173	2179	rVB6	6978	8265	0.12%	0.011%
43	15.851	2181	2187	2189	rBV6	9752	14062	0.21%	0.018%
44	15.886	2189	2193	2198	rVB2	39048	53965	0.81%	0.069%
45	16.015	2212	2215	2219	rBV5	12424	18170	0.27%	0.023%
46	16.074	2222	2225	2229	rVB4	7304	9286	0.14%	0.012%
47	16.239	2249	2253	2256	rBV5	7486	12201	0.18%	0.016%
48	16.274	2256	2259	2263	rVV3	13071	16792	0.25%	0.022%
49	16.310	2263	2265	2272	rVB6	9062	17828	0.27%	0.023%
50	16.457	2285	2290	2296	rVV3	29854	41992	0.63%	0.054%
51	16.521	2298	2301	2304	rBV5	4664	7527	0.11%	0.010%
52	16.815	2346	2351	2356	rBV5	13322	30072	0.45%	0.039%
53	16.951	2371	2374	2377	rBV4	13802	17566	0.26%	0.023%
54	17.039	2382	2389	2399	rBV	3153765	4462592	67.10%	5.722%
55	17.139	2399	2406	2417	rVV	3606081	5279018	79.37%	6.769%
56	17.221	2417	2420	2425	rVB7	30953	43102	0.65%	0.055%
57	17.333	2436	2439	2445	rBV7	10112	15388	0.23%	0.020%
58	17.433	2452	2456	2459	rBV3	16112	17220	0.26%	0.022%
59	17.539	2472	2474	2479	rVB6	10068	14669	0.22%	0.019%
60	17.651	2487	2493	2498	rBV6	18685	34861	0.52%	0.045%
61	17.715	2502	2504	2511	rBV6	11271	15249	0.23%	0.020%
62	17.768	2511	2513	2517	rVB5	7549	9073	0.14%	0.012%
63	17.815	2517	2521	2529	rBV3	72905	127207	1.91%	0.163%
64	17.886	2529	2533	2537	rBV5	34057	43533	0.65%	0.056%
65	17.945	2538	2543	2552	rBV	800779	1102034	16.57%	1.413%
66	18.239	2590	2593	2598	rVB6	21495	31075	0.47%	0.040%
67	18.298	2601	2603	2604	rVV2	9512	6739	0.10%	0.009%
68	18.439	2625	2627	2632	rVB6	11324	11990	0.18%	0.015%
69	18.574	2648	2650	2654	rBV5	11932	9240	0.14%	0.012%
70	18.815	2687	2691	2695	rBV7	22075	31168	0.47%	0.040%
71	18.874	2698	2701	2704	rBV4	23651	32503	0.49%	0.042%

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72	19.080	2731	2736	2738	rBV2	76169	119869	1.80%	0.154%
73	19.109	2738	2741	2742	rVV3	75760	92358	1.39%	0.118%
74	19.133	2742	2745	2749	rVB	127473	167848	2.52%	0.215%
75	19.233	2758	2762	2771	rBV	239431	350882	5.28%	0.450%
76	19.380	2784	2787	2790	rBV5	29170	41372	0.62%	0.053%
77	19.439	2791	2797	2804	rVV	4487380	6291117	94.59%	8.067%
78	19.680	2835	2838	2844	rVB3	35742	61181	0.92%	0.078%
79	19.962	2884	2886	2889	rBV4	38014	44420	0.67%	0.057%
80	19.998	2890	2892	2895	rVB	53265	45530	0.68%	0.058%
81	20.492	2974	2976	2980	rVB2	67232	58148	0.87%	0.075%
82	20.956	3051	3055	3063	rVB2	741539	1003375	15.09%	1.287%
83	21.156	3085	3089	3094	rBV	1481999	1656401	24.90%	2.124%
84	21.233	3097	3102	3109	rBV	3930312	5290652	79.55%	6.784%
85	21.398	3127	3130	3133	rVB	188172	205567	3.09%	0.264%
86	21.827	3199	3203	3209	rBV3	290048	511215	7.69%	0.656%
87	22.280	3277	3280	3284	rVB	436736	516556	7.77%	0.662%
88	22.403	3297	3301	3308	rBV	761875	1003392	15.09%	1.287%
89	22.780	3360	3365	3369	rBV	580698	879222	13.22%	1.127%
90	23.303	3447	3454	3467	rVB	2957314	6650912	100.00%	8.528%
91	23.439	3471	3477	3488	rVV2	2295344	4523624	68.02%	5.801%
92	23.962	3561	3566	3574	rVB	669688	1241837	18.67%	1.592%
93	24.686	3684	3689	3700	rVB3	595713	1344615	20.22%	1.724%

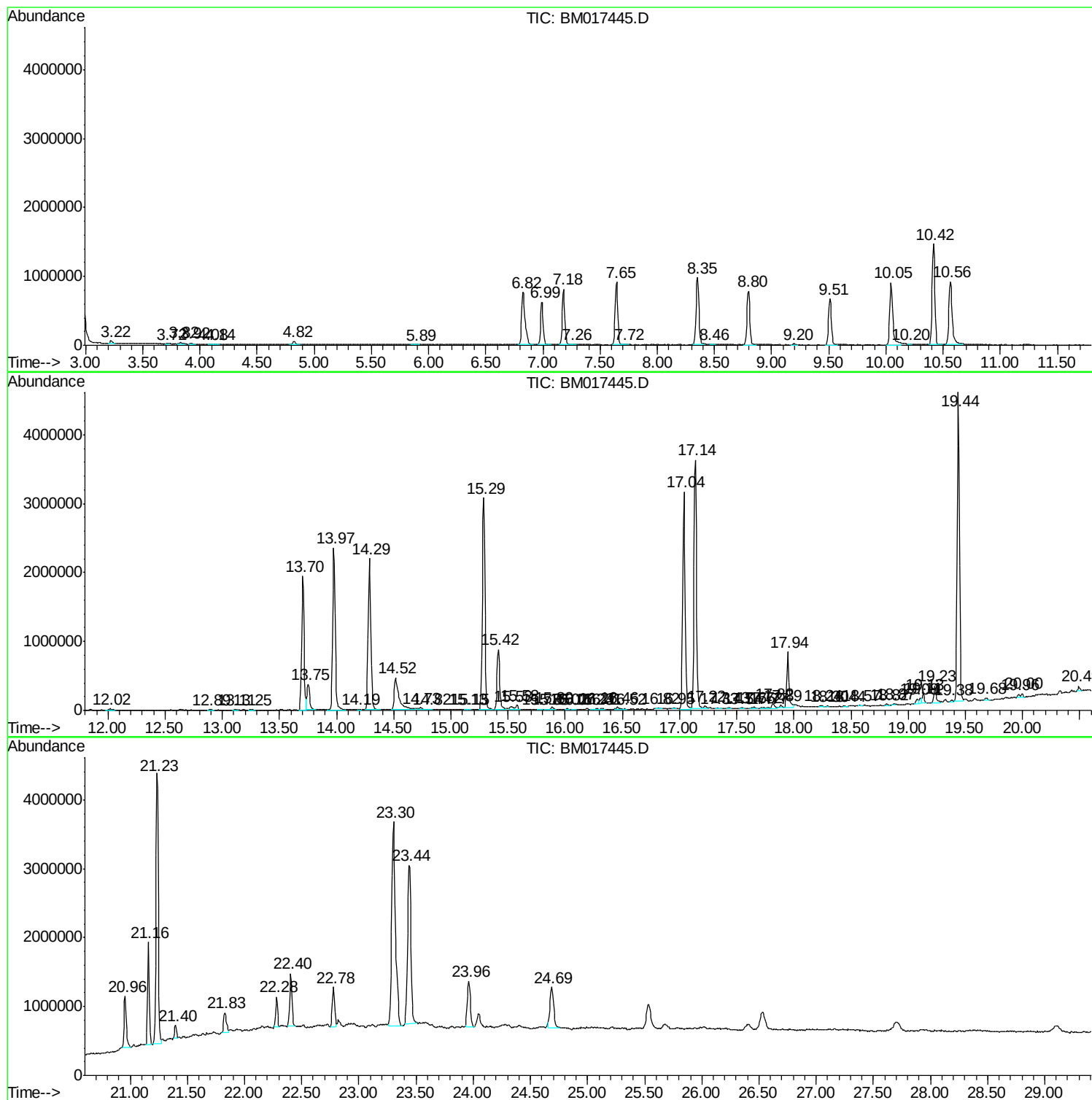
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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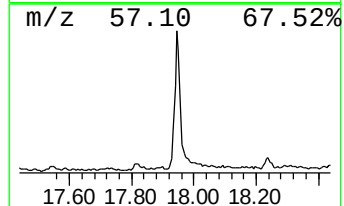
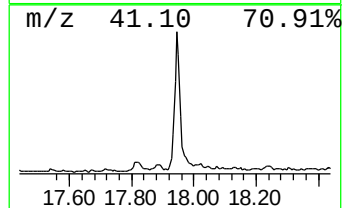
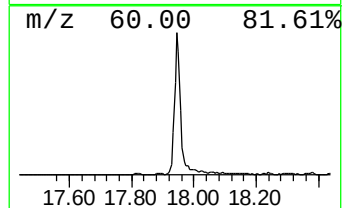
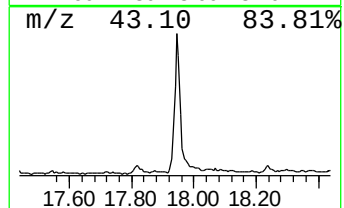
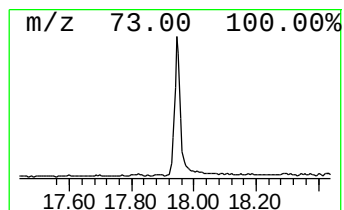
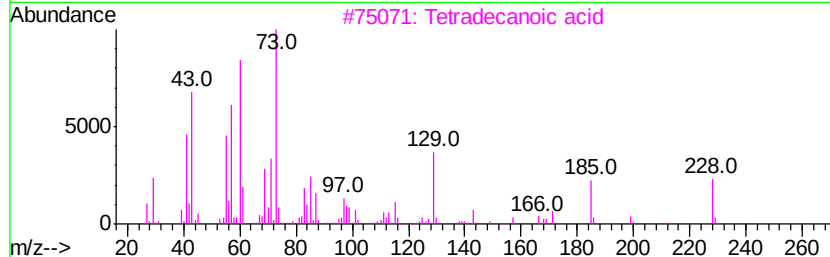
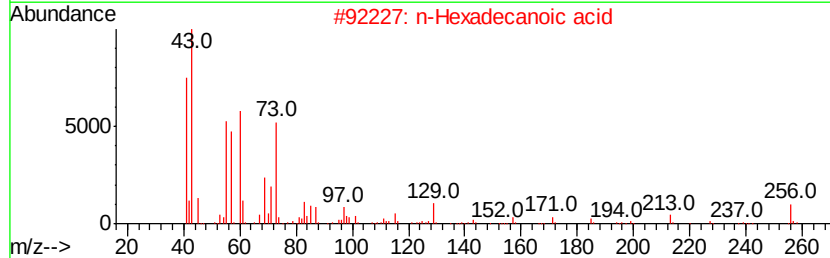
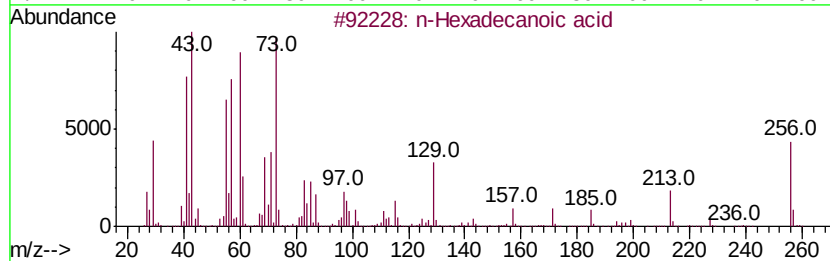
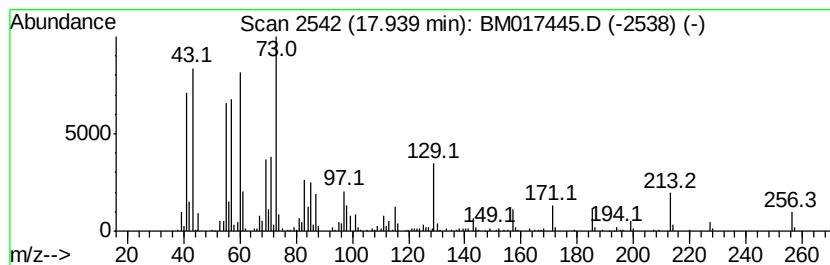
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.94	4.94 ng/ul	1102030	Phenanthrene-d10	17.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



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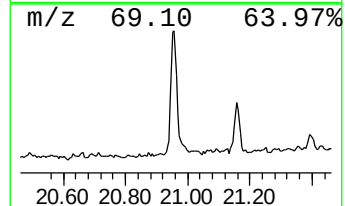
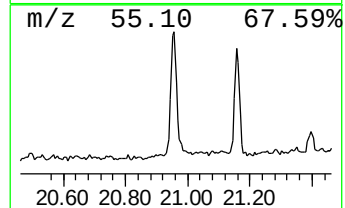
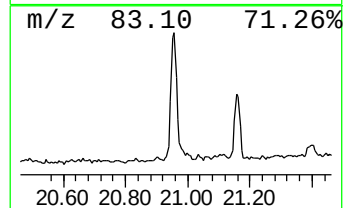
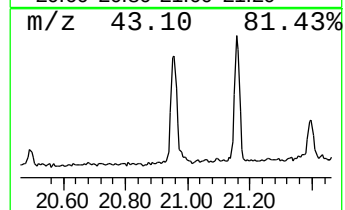
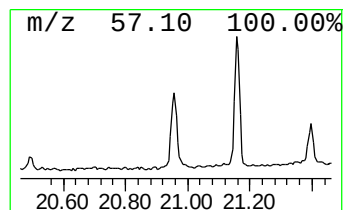
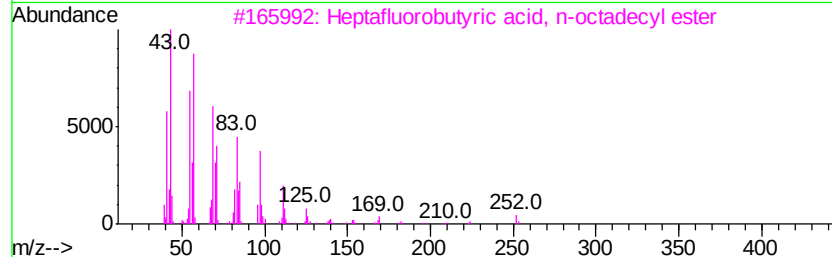
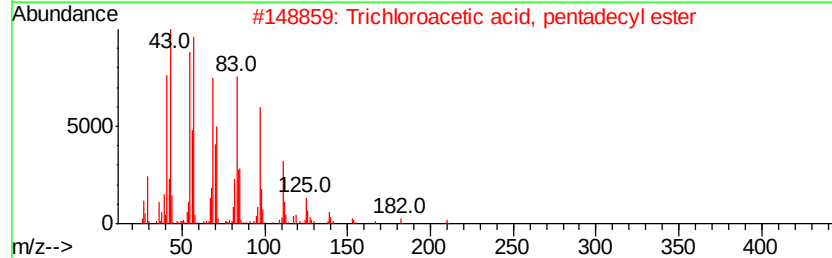
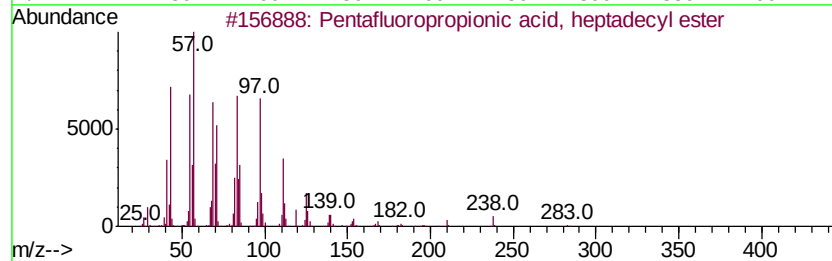
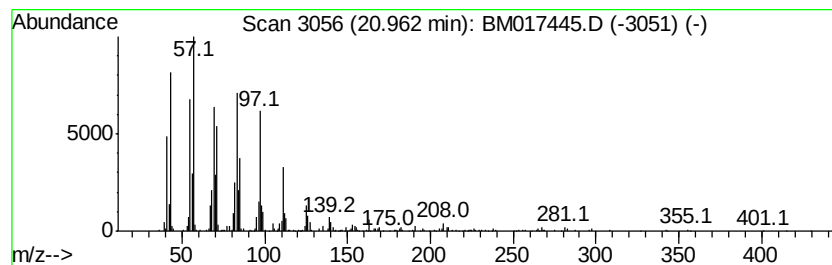
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.79 ng/ul	1003380	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		1-Tricosene	322	C23H46	018835-32-0	91



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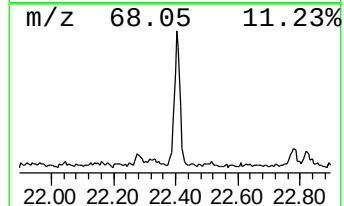
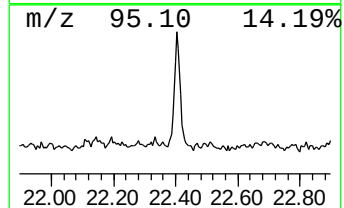
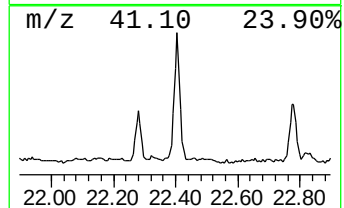
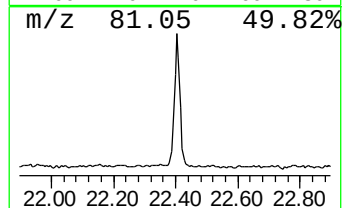
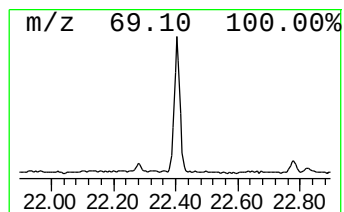
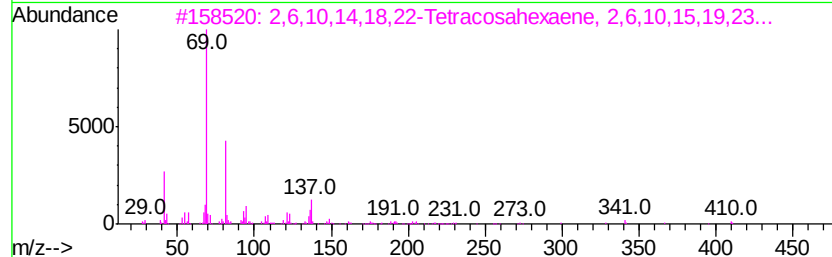
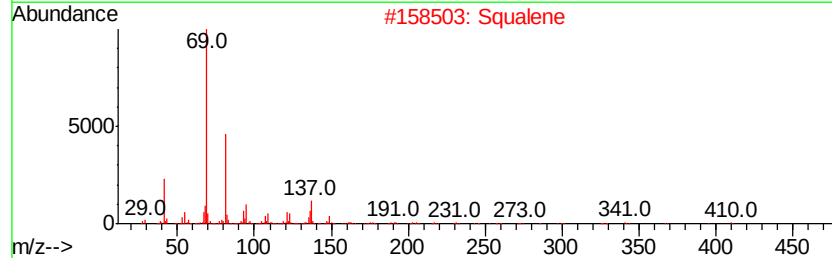
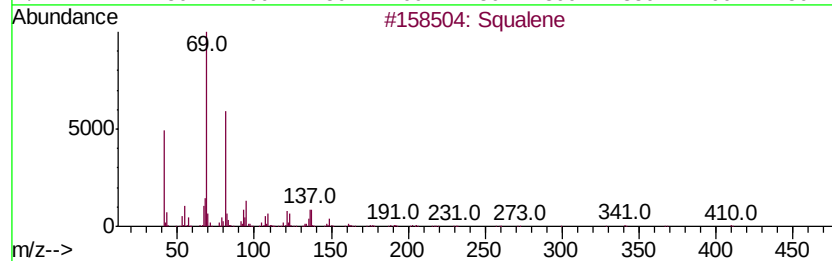
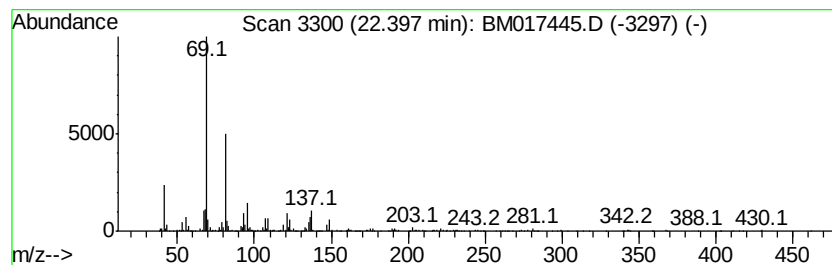
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Peak Number 3 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	4.44 ng/ul	1003390	Perylene-d12	23.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 94
2	Squalene		410 C30H50	007683-64-9 91
3	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 87
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 86
5	4,8,12-Tetradecatrienal, 5,9,13-...		248 C17H28O	066408-55-7 80



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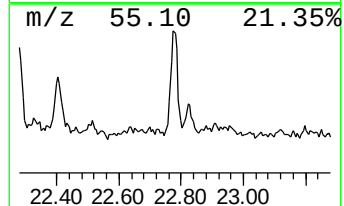
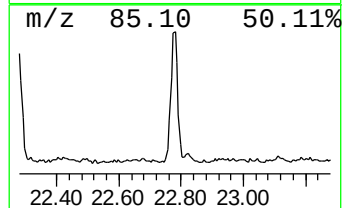
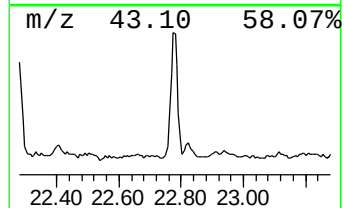
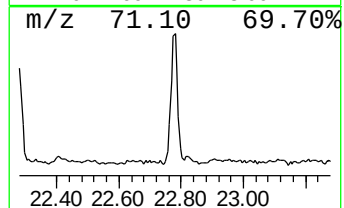
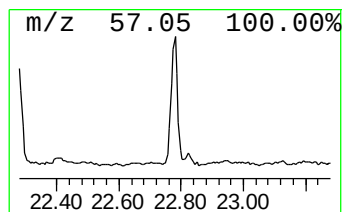
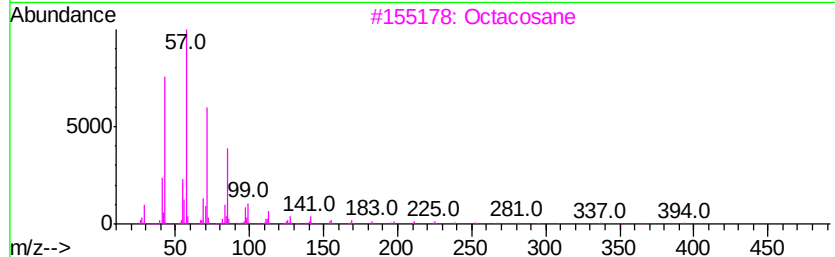
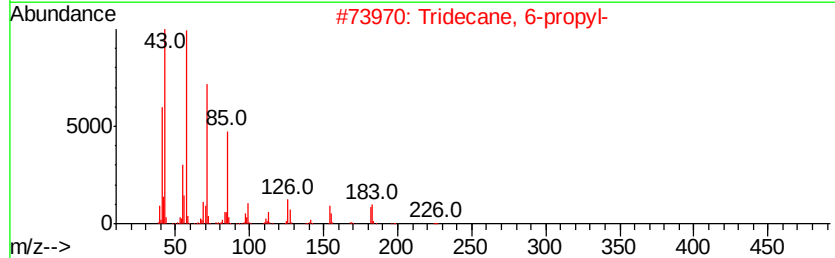
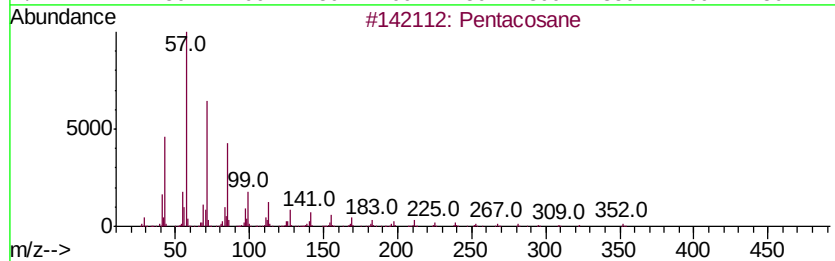
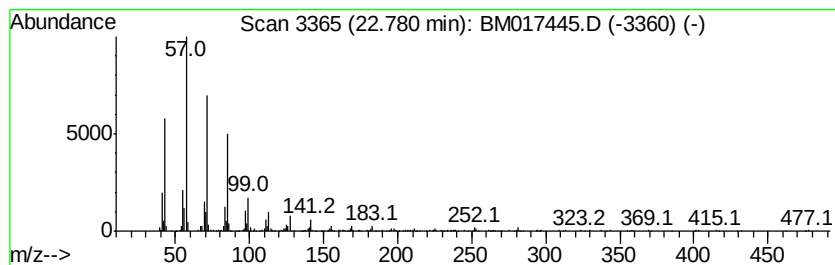
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	3.89 ng/ul	879222	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	90
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017445.D
Acq On : 01 Nov 2018 00:30
Operator : MJ/SJ
Sample : J5701-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40G4

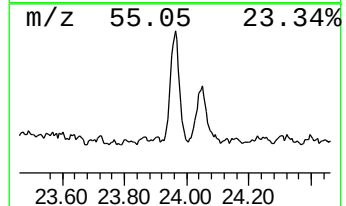
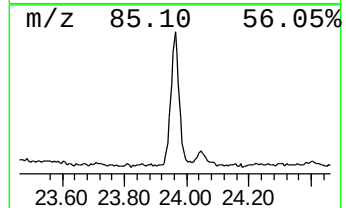
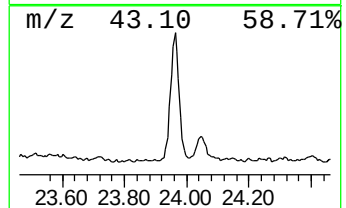
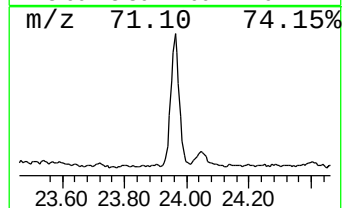
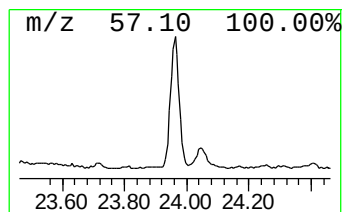
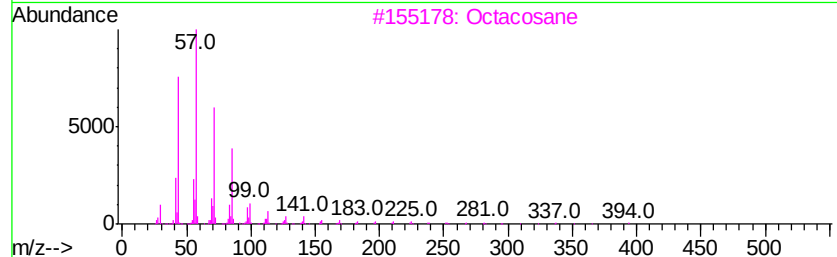
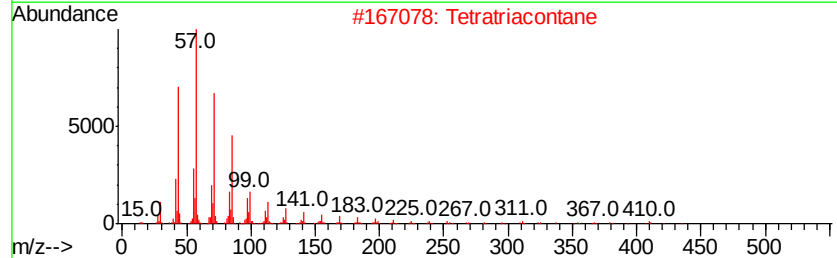
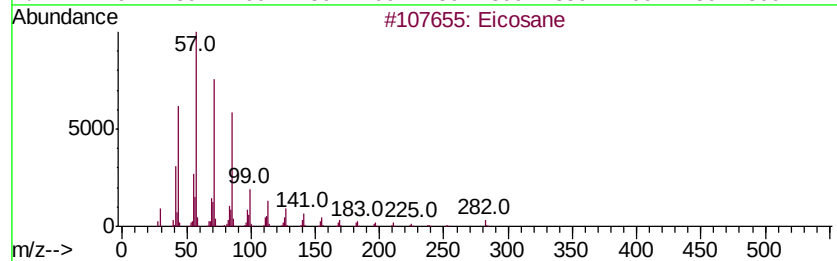
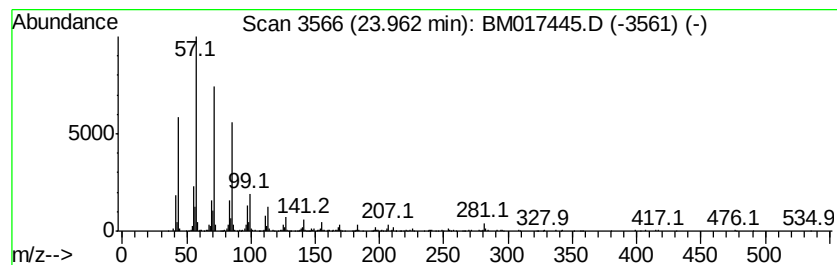
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	5.49 ng/ul	1241840	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017445.D
Acq On : 01 Nov 2018 00:30
Operator : MJ/SJ
Sample : J5701-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40G4

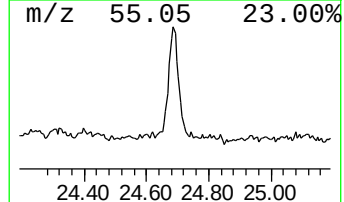
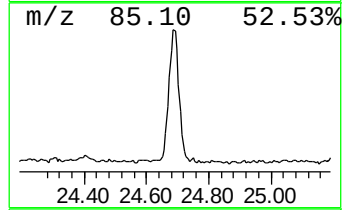
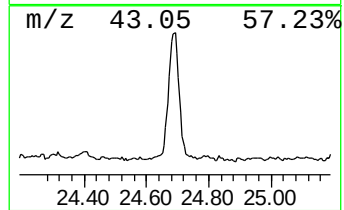
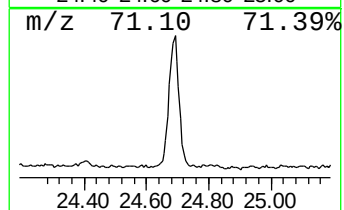
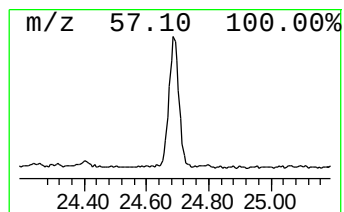
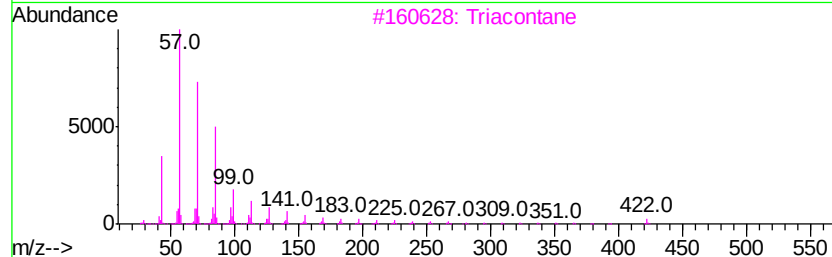
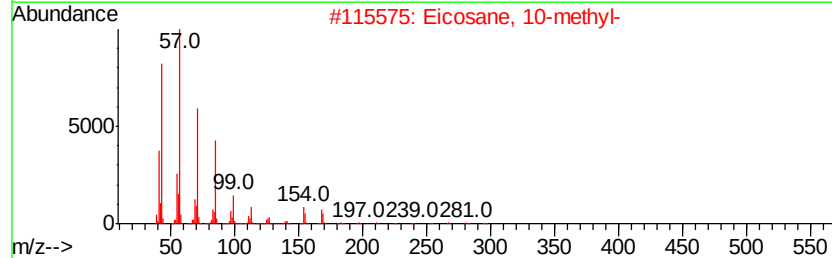
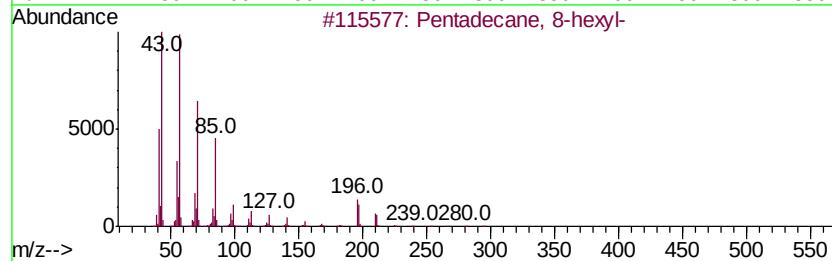
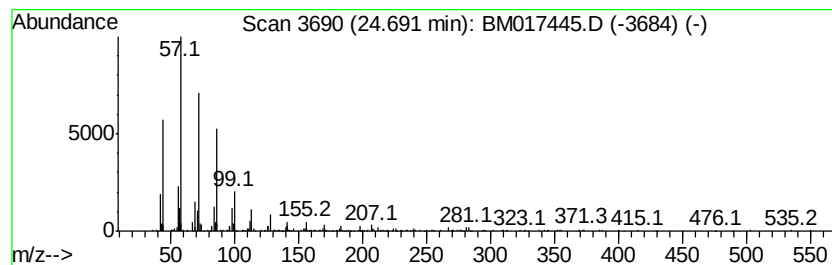
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	5.94 ng/ul	1344620	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3		Triacontane	422	C30H62	000638-68-6	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103118\
Data File : BM017445.D
Acq On : 01 Nov 2018 00:30
Operator : MJ/SJ
Sample : J5701-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40G4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.94	4.9	ng/ul	1102030	4	17.04	4462590	20.0
Pentafluoropropio...	20.96	3.8	ng/ul	1003380	5	21.23	5290650	20.0
Squalene	22.40	4.4	ng/ul	1003390	6	23.44	4523620	20.0
(DEL) Alkane: Str...	22.78	3.9	ng/ul	879222	6	23.44	4523620	20.0
(DEL) Alkane: Str...	23.96	5.5	ng/ul	1241840	6	23.44	4523620	20.0
(DEL) Alkane: Str...	24.69	5.9	ng/ul	1344620	6	23.44	4523620	20.0