

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017398.D
 Acq On : 2 Jun 2015 17:02
 Operator : TP/IZ
 Sample : G2430-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE9

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.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	3.586	151	153	158	rVB6	2681	3890	0.65%	0.047%
2	4.191	254	256	260	rBV4	1198	1594	0.27%	0.019%
3	4.785	354	357	360	rVB3	2001	2533	0.42%	0.031%
4	4.944	380	384	385	rBV3	1461	1515	0.25%	0.018%
5	5.713	511	515	519	rVB4	2769	3567	0.60%	0.043%
6	5.790	524	528	530	rBV3	1005	1541	0.26%	0.019%
7	6.154	586	590	595	rBV5	5254	8100	1.36%	0.098%
8	6.283	609	612	616	rBV3	2628	3474	0.58%	0.042%
9	6.553	655	658	664	rVB2	1190	1984	0.33%	0.024%
10	6.841	701	707	718	rVB	95534	155613	26.08%	1.888%
11	6.976	724	730	736	rBV	59588	93280	15.64%	1.132%
12	7.076	744	747	750	rBV3	977	1447	0.24%	0.018%
13	7.176	758	764	771	rVV	97955	149851	25.12%	1.818%
14	7.388	798	800	803	rVB2	1437	1576	0.26%	0.019%
15	7.593	833	835	837	rBV2	1515	1487	0.25%	0.018%
16	7.634	837	842	850	rVB	110946	174184	29.20%	2.114%
17	7.693	850	852	854	rBV2	1474	1587	0.27%	0.019%
18	7.764	861	864	865	rBV	1595	1529	0.26%	0.019%
19	7.781	865	867	870	rVV3	1460	1637	0.27%	0.020%
20	8.087	917	919	923	rVB3	1345	1486	0.25%	0.018%
21	8.369	961	967	974	rBV2	110140	181289	30.39%	2.200%
22	8.504	986	990	994	rVB3	1383	2455	0.41%	0.030%
23	8.798	1034	1040	1047	rVB	89388	144436	24.21%	1.753%
24	8.962	1063	1068	1071	rBV2	3154	5125	0.86%	0.062%
25	9.209	1108	1110	1113	rVB3	2950	2596	0.44%	0.031%
26	9.515	1156	1162	1170	rBV	88577	145690	24.42%	1.768%
27	9.638	1181	1183	1186	rBV2	1566	1517	0.25%	0.018%
28	9.949	1233	1236	1239	rBV4	1440	1694	0.28%	0.021%
29	10.073	1250	1257	1267	rBV	120928	204242	34.23%	2.478%
30	10.220	1276	1282	1286	rBV6	4008	7014	1.18%	0.085%
31	10.425	1312	1317	1325	rVB	153012	250832	42.04%	3.044%
32	10.508	1329	1331	1334	rBV3	1037	1507	0.25%	0.018%
33	10.572	1336	1342	1351	rBV	77379	134031	22.47%	1.626%
34	10.696	1361	1363	1366	rVB2	1354	1599	0.27%	0.019%

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35	11.518	1499	1503	1505	rBV2	1402	1933	0.32%	0.023%
36	11.965	1576	1579	1582	rBV4	1518	2134	0.36%	0.026%
37	12.288	1630	1634	1637	rVV3	1028	1490	0.25%	0.018%
38	12.588	1682	1685	1689	rBV3	967	1559	0.26%	0.019%
39	12.640	1689	1694	1700	rVB3	11857	18362	3.08%	0.223%
40	12.899	1733	1738	1747	rVV	21283	29298	4.91%	0.355%
41	13.152	1779	1781	1785	rVB	1259	1422	0.24%	0.017%
42	13.522	1839	1844	1846	rVB4	1246	1619	0.27%	0.020%
43	13.710	1871	1876	1881	rBV	210150	278976	46.76%	3.385%
44	13.757	1881	1884	1894	rVB	87937	118312	19.83%	1.436%
45	13.833	1894	1897	1899	rBV2	3283	2565	0.43%	0.031%
46	13.951	1914	1917	1918	rBV3	1518	1612	0.27%	0.020%
47	13.986	1918	1923	1930	rVB	205524	307166	51.49%	3.727%
48	14.197	1953	1959	1964	rBV5	3248	5154	0.86%	0.063%
49	14.297	1969	1976	1985	rBV2	221578	335259	56.20%	4.068%
50	14.427	1994	1998	1999	rBV3	1796	2115	0.35%	0.026%
51	14.503	2008	2011	2012	rBV2	1631	1896	0.32%	0.023%
52	14.556	2015	2020	2028	rBV2	72365	125668	21.06%	1.525%
53	14.673	2038	2040	2042	rVB3	1658	1473	0.25%	0.018%
54	14.826	2064	2066	2069	rVB2	1761	1468	0.25%	0.018%
55	14.897	2076	2078	2082	rBV	1255	1643	0.28%	0.020%
56	14.944	2085	2086	2090	rVB3	2111	1706	0.29%	0.021%
57	14.979	2090	2092	2096	rVB3	1545	2085	0.35%	0.025%
58	15.014	2096	2098	2101	rBV3	1314	1600	0.27%	0.019%
59	15.096	2109	2112	2116	rBV4	2807	4539	0.76%	0.055%
60	15.155	2118	2122	2127	rVB4	5555	6853	1.15%	0.083%
61	15.296	2140	2146	2152	rBV	313153	426410	71.47%	5.174%
62	15.425	2163	2168	2174	rVB	94155	125751	21.08%	1.526%
63	16.019	2266	2269	2272	rBV2	10116	12011	2.01%	0.146%
64	16.101	2282	2283	2286	rBV2	1816	2148	0.36%	0.026%
65	16.195	2297	2299	2302	rVB3	3085	3380	0.57%	0.041%
66	16.354	2323	2326	2328	rVV4	2287	3364	0.56%	0.041%
67	16.395	2330	2333	2335	rBV3	2376	2894	0.49%	0.035%
68	16.424	2335	2338	2340	rVB4	1641	1905	0.32%	0.023%
69	16.459	2340	2344	2349	rBV6	6137	9341	1.57%	0.113%
70	16.589	2364	2366	2369	rBV3	2789	3284	0.55%	0.040%
71	16.712	2382	2387	2390	rBV6	3917	7018	1.18%	0.085%

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72	16.753	2392	2394	2396	rVB3	2591	1516	0.25%	0.018%
73	16.777	2396	2398	2400	rBV3	1425	1507	0.25%	0.018%
74	16.812	2400	2404	2408	rVV2	10308	14940	2.50%	0.181%
75	16.871	2411	2414	2416	rVB4	2743	3065	0.51%	0.037%
76	17.047	2437	2444	2449	rBV	291025	394419	66.11%	4.786%
77	17.088	2449	2451	2455	rVV	14728	17899	3.00%	0.217%
78	17.147	2455	2461	2467	rVV2	324916	462558	77.53%	5.613%
79	17.235	2471	2476	2479	rBV5	5162	7929	1.33%	0.096%
80	17.323	2490	2491	2493	rBV2	2397	1984	0.33%	0.024%
81	17.441	2509	2511	2512	rBV2	2892	1897	0.32%	0.023%
82	17.499	2519	2521	2522	rBV	2715	1853	0.31%	0.022%
83	17.546	2527	2529	2533	rVB3	7609	9407	1.58%	0.114%
84	17.729	2556	2560	2562	rVB5	3712	4857	0.81%	0.059%
85	17.893	2584	2588	2593	rBV	54441	77331	12.96%	0.938%
86	17.958	2594	2599	2608	rVB	103163	151023	25.31%	1.832%
87	18.246	2645	2648	2652	rBV5	7409	8656	1.45%	0.105%
88	18.334	2661	2663	2664	rVB2	3982	1881	0.32%	0.023%
89	19.450	2848	2853	2864	rVB	403879	596594	100.00%	7.239%
90	19.973	2938	2942	2944	rBV5	18209	23732	3.98%	0.288%
91	20.954	3105	3109	3116	rVB	257546	296465	49.69%	3.597%
92	21.242	3153	3158	3162	rBV	356484	457830	76.74%	5.555%
93	21.841	3256	3260	3269	rVB	198922	285165	47.80%	3.460%
94	22.411	3353	3357	3363	rVB	153995	200254	33.57%	2.430%
95	22.517	3371	3375	3380	rVB	122952	159265	26.70%	1.932%
96	22.793	3418	3422	3426	rBV4	83992	140980	23.63%	1.711%
97	22.840	3426	3430	3436	rVB	136945	234487	39.30%	2.845%
98	23.340	3510	3515	3527	rVB2	274106	528883	88.65%	6.417%
99	23.481	3534	3539	3549	rVB2	220859	410837	68.86%	4.985%
100	24.009	3625	3629	3638	rVB	98269	192896	32.33%	2.341%

Sum of corrected areas: 8241425

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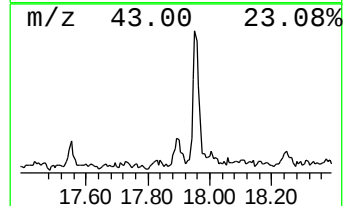
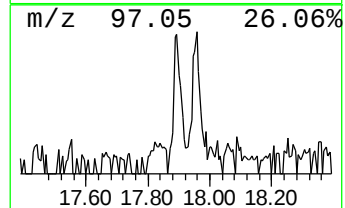
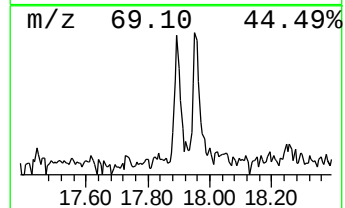
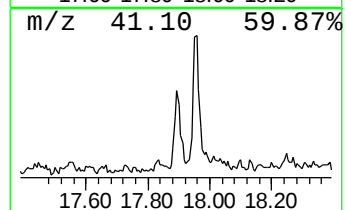
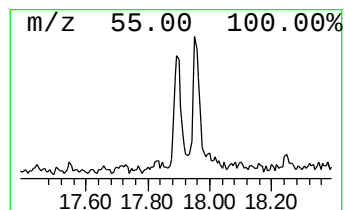
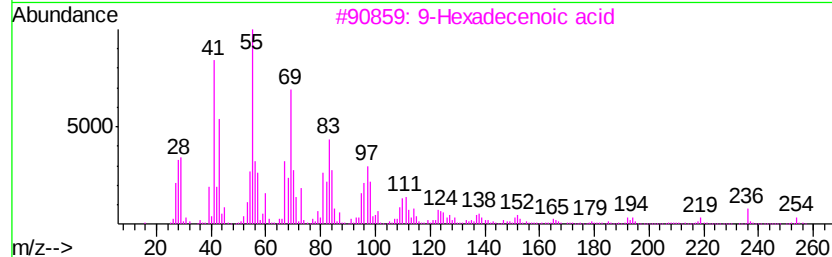
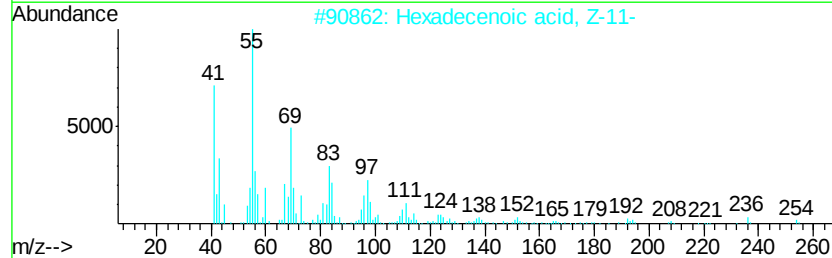
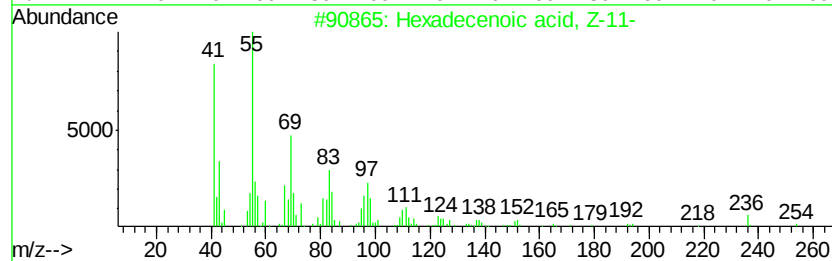
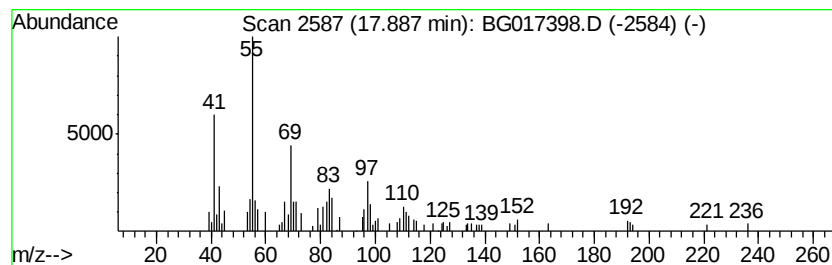
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecenoic acid, Z-11- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	3.92 ng/ul	77331	Phenanthrene-d10	17.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	99
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
3	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
4	Oxacyclohexadecan-2-one, 16-methyl-	254	C16H30O2	004459-57-8	60
5	Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	58



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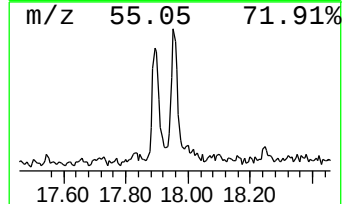
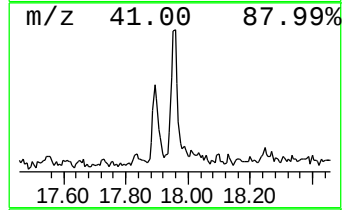
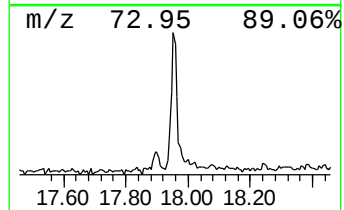
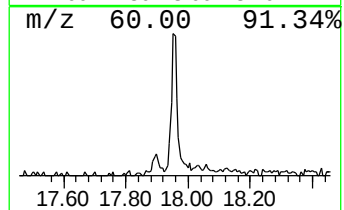
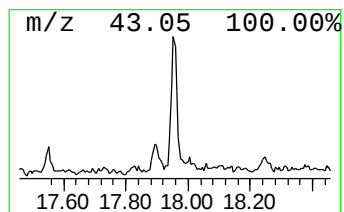
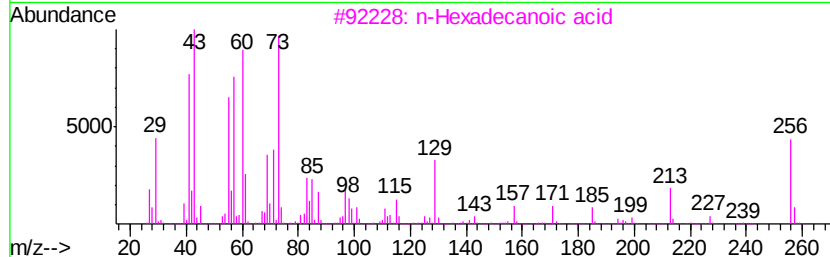
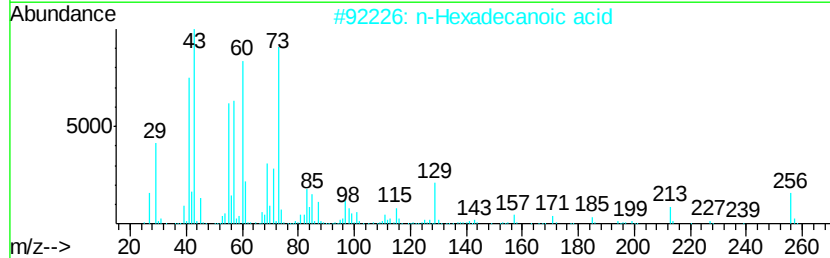
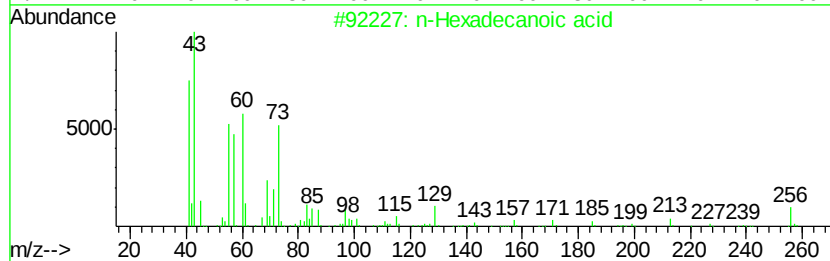
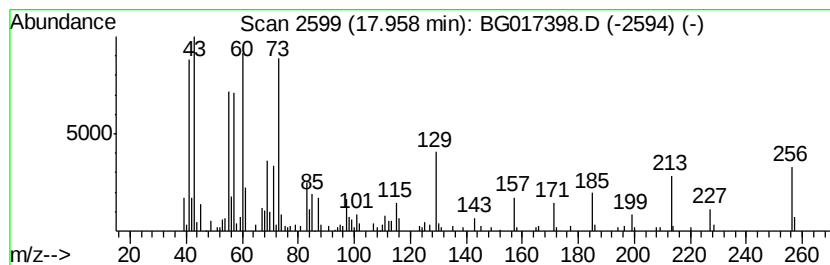
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	7.66 ng/ul	151023	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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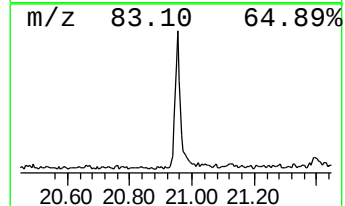
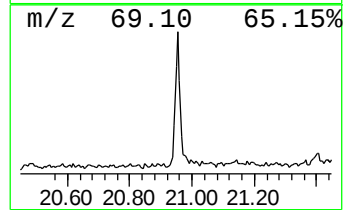
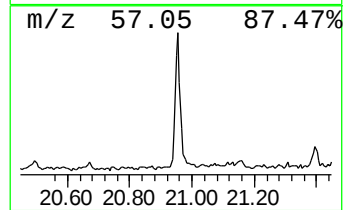
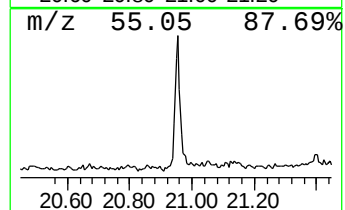
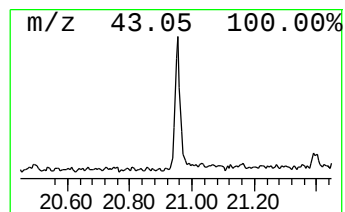
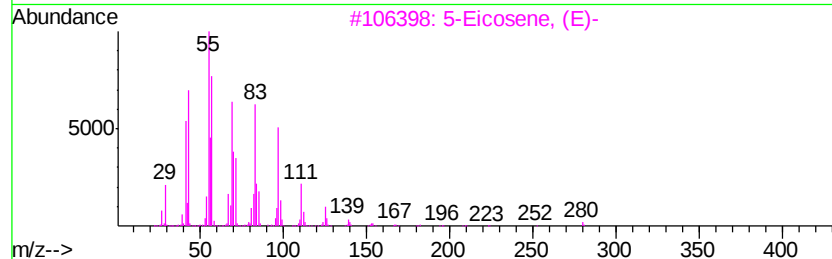
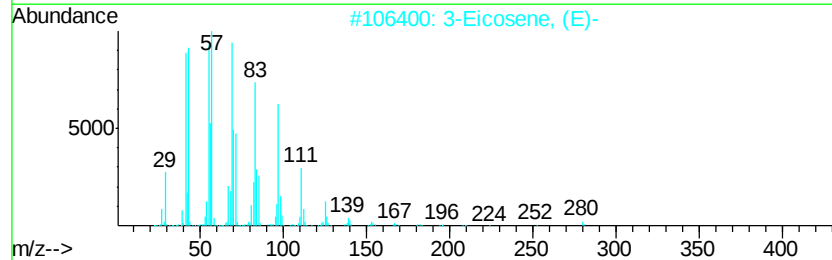
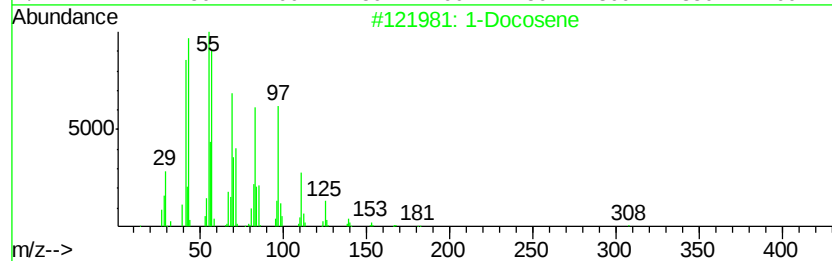
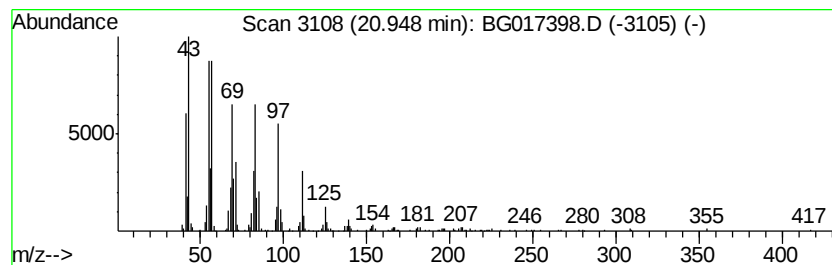
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	12.95 ng/ul	296465	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	99
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5		1-Heptadecanol	256	C17H36O	001454-85-9	90



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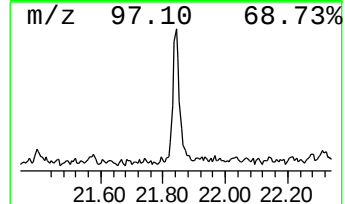
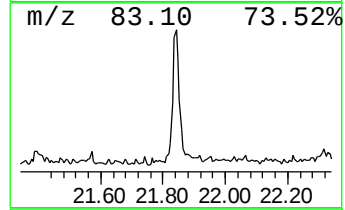
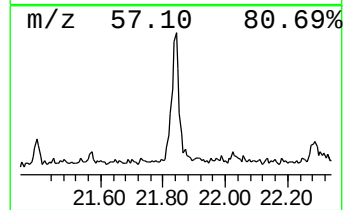
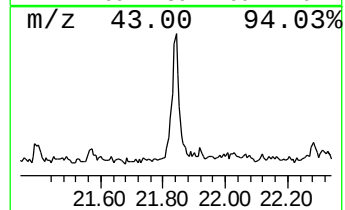
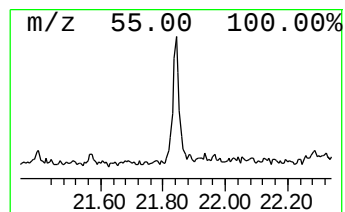
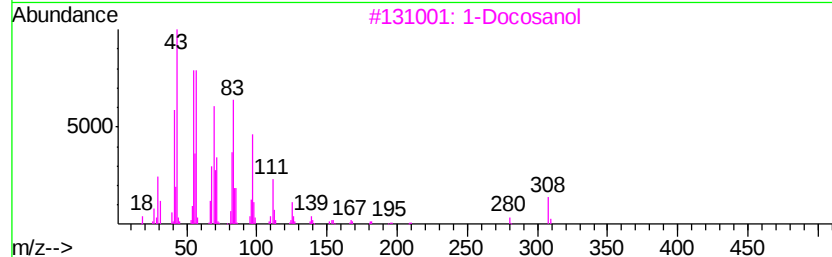
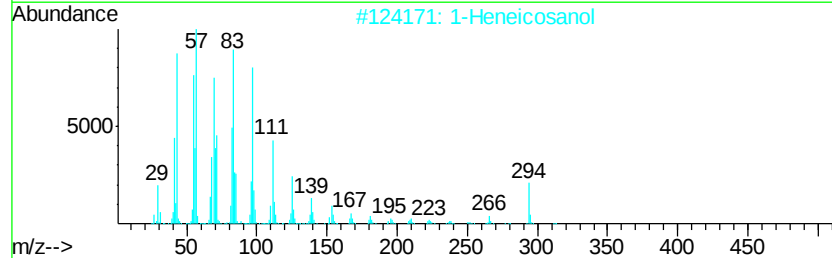
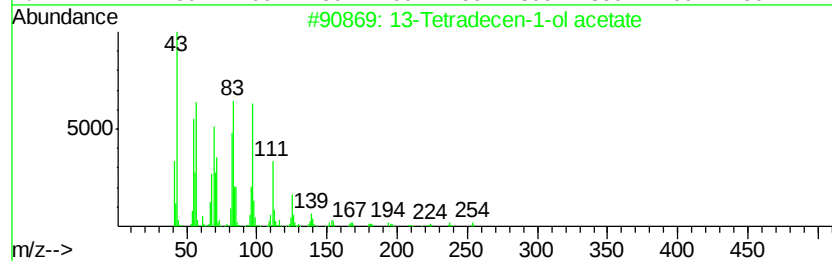
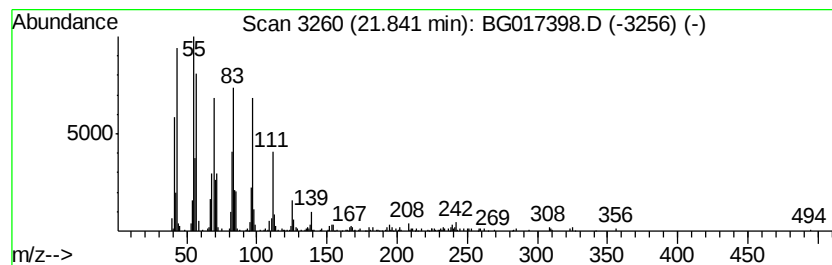
Instrument :
BNA_G
ClientSampleId :
BCRE9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 13-Tetradecen-1-ol acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.84	12.46 ng/ul	285165	Chrysene-d12		21.24		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
2			1-Heneicosanol	312	C21H44O	015594-90-8	91
3			1-Docosanol	326	C22H46O	000661-19-8	87
4			1-Tetracosanol	354	C24H50O	000506-51-4	87
5			1-Octadecanol	270	C18H38O	000112-92-5	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017398.D
Acq On : 2 Jun 2015 17:02
Operator : TP/IZ
Sample : G2430-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

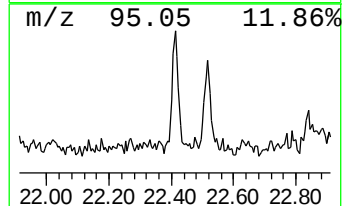
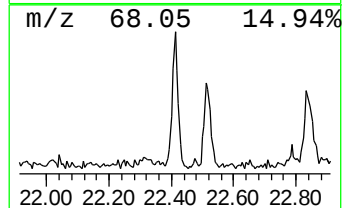
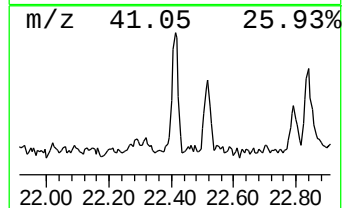
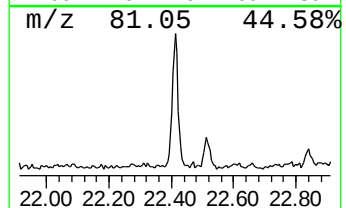
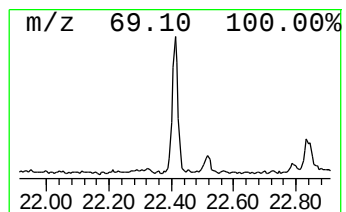
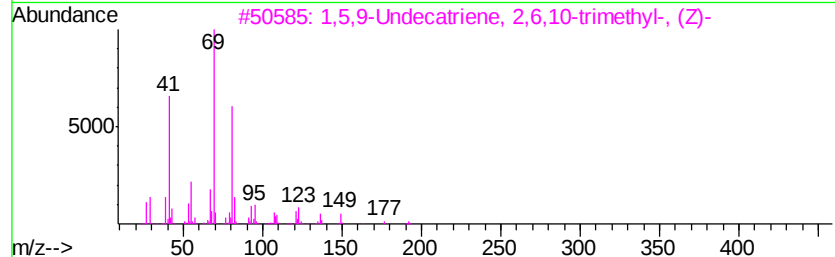
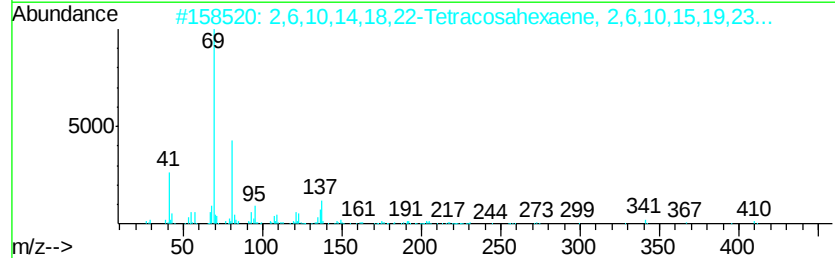
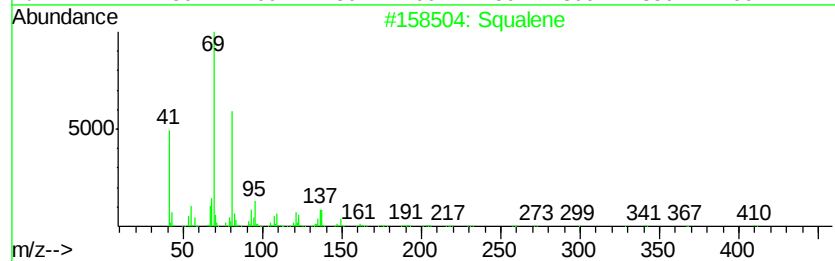
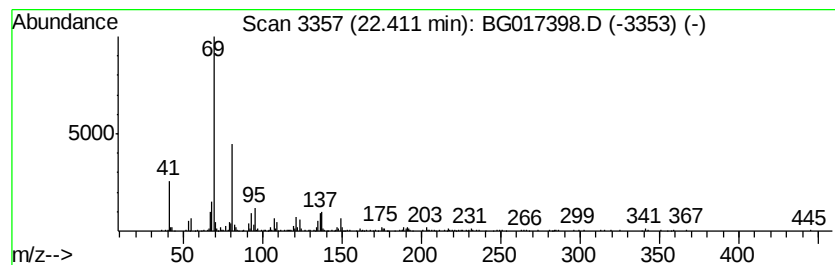
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	9.75 ng/ul	200254	Perylene-d12	23.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 87
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 87
3	1,5,9-Undecatriene, 2,6,10-trime...		192 C14H24	062951-96-6 81
4	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 81
5	Squalene		410 C30H50	007683-64-9 74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017398.D
Acq On : 2 Jun 2015 17:02
Operator : TP/IZ
Sample : G2430-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRE9

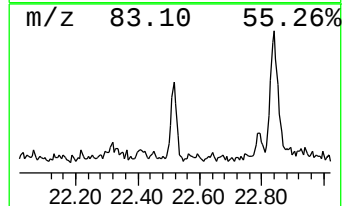
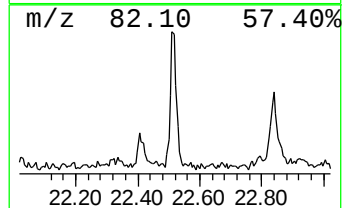
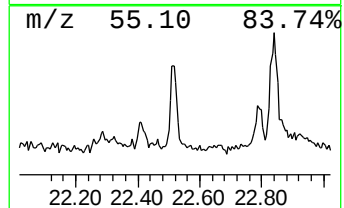
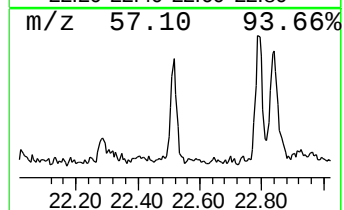
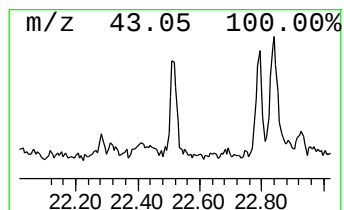
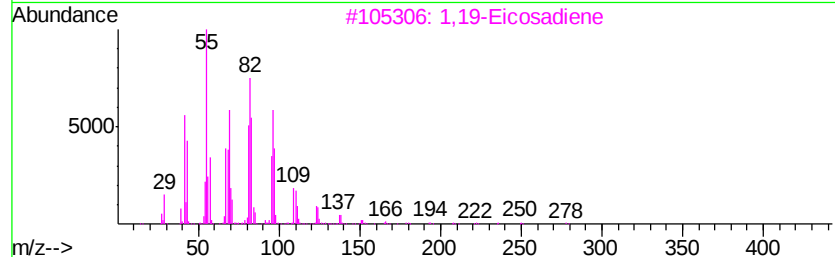
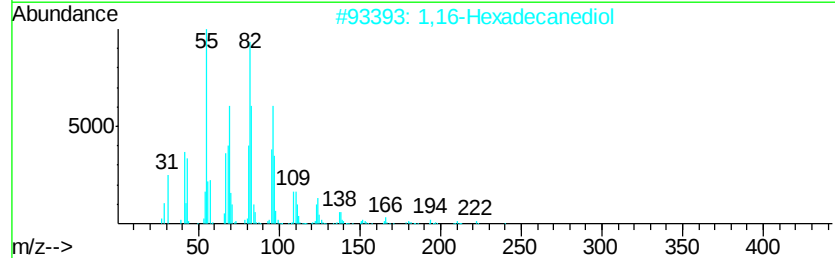
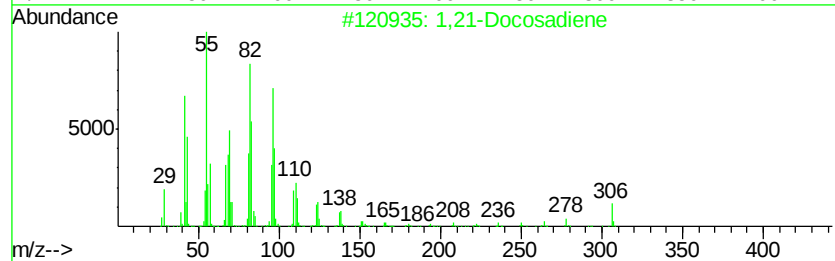
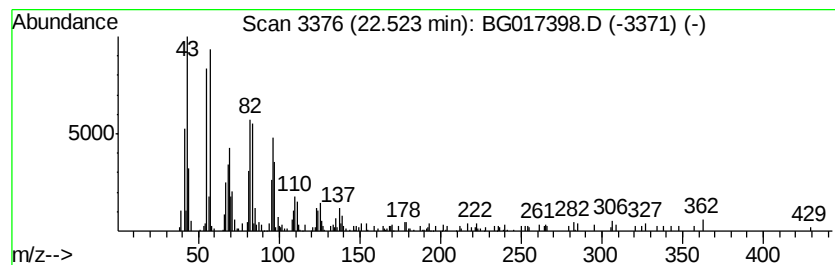
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,21-Docosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	7.75 ng/ul	159265	Perylene-d12	23.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene		306	C22H42	053057-53-7	99
2	1,16-Hexadecanediol		258	C16H34O2	007735-42-4	90
3	1,19-Eicosadiene		278	C20H38	014811-95-1	90
4	13-Hexacosyne		362	C26H50	034291-68-4	87
5	1,19-Eicosadiene		278	C20H38	014811-95-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017398.D
Acq On : 2 Jun 2015 17:02
Operator : TP/IZ
Sample : G2430-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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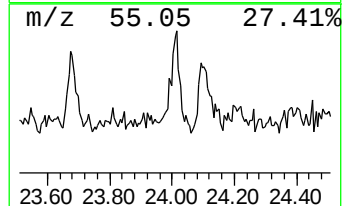
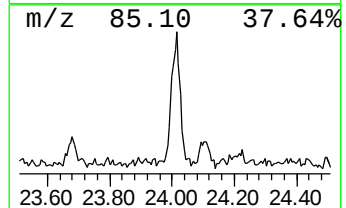
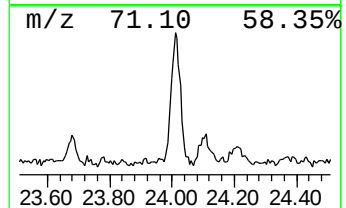
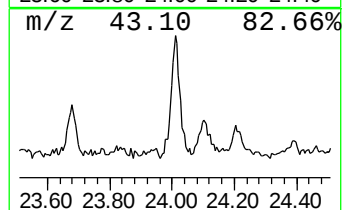
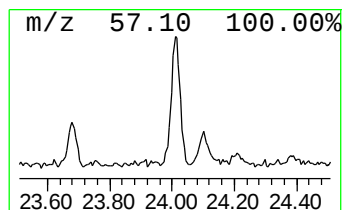
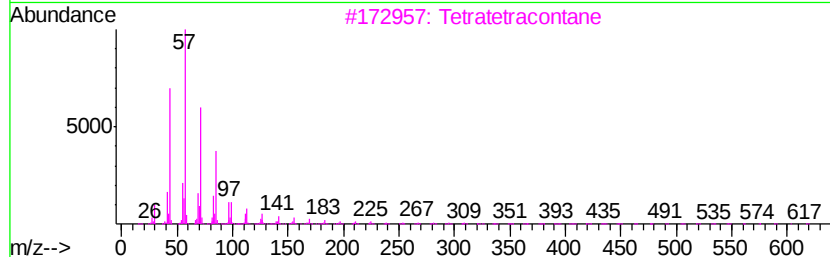
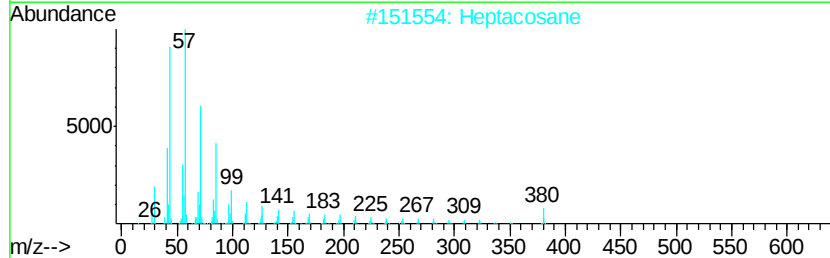
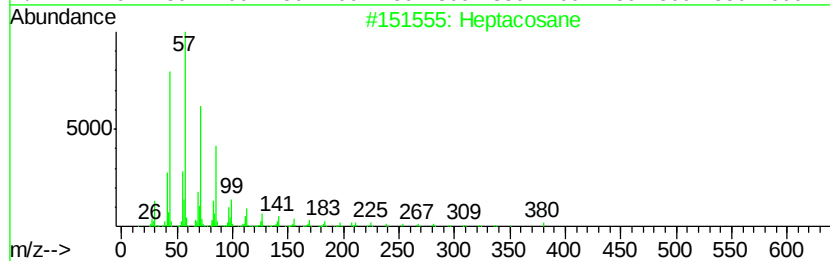
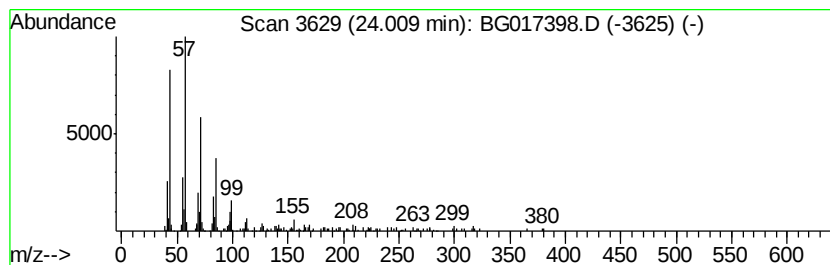
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	9.39 ng/ul	192896	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Heptacosane	380	C27H56	000593-49-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	83
4		Tetracosane	338	C24H50	000646-31-1	83
5		Hentriacontane	437	C31H64	000630-04-6	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017398.D
Acq On : 2 Jun 2015 17:02
Operator : TP/IZ
Sample : G2430-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRE9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.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
Hexadecenoic acid...	17.89	3.9	ng/ul	77331	4	17.05	394419	20.0
n-Hexadecanoic acid	17.96	7.7	ng/ul	151023	4	17.05	394419	20.0
(DEL) Alkane: Cyc...	20.95	12.9	ng/ul	296465	5	21.24	457830	20.0
13-Tetradecen-1-o...	21.84	12.5	ng/ul	285165	5	21.24	457830	20.0
Squalene	22.41	9.8	ng/ul	200254	6	23.48	410837	20.0
1,21-Docosadiene	22.52	7.8	ng/ul	159265	6	23.48	410837	20.0
(DEL) Alkane: Str...	24.01	9.4	ng/ul	192896	6	23.48	410837	20.0