

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019672.D
 Acq On : 02 Apr 2019 01:22
 Operator : JU/SJ
 Sample : K2119-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5C3

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-BM032219MA.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	3.122	20	23	33	rVB	25692	46564	1.62%	0.157%
2	3.628	105	109	114	rBV4	18502	25358	0.88%	0.085%
3	3.716	119	124	130	rVB3	9252	18314	0.64%	0.062%
4	4.369	232	235	241	rVB5	3939	5305	0.18%	0.018%
5	4.716	290	294	299	rBV	7235	12225	0.42%	0.041%
6	4.763	299	302	308	rVB4	3515	6200	0.22%	0.021%
7	6.645	617	622	625	rBV3	1953	3564	0.12%	0.012%
8	6.757	635	641	660	rBV	172147	364642	12.67%	1.227%
9	6.928	664	670	687	rBV	143142	293139	10.19%	0.986%
10	7.104	694	700	715	rBV	233238	414254	14.40%	1.394%
11	7.569	772	779	790	rBV	619297	1023592	35.58%	3.444%
12	8.287	896	901	917	rBV	195476	396972	13.80%	1.336%
13	8.422	919	924	930	rVB3	11270	21069	0.73%	0.071%
14	8.739	972	978	990	rBV	194019	366855	12.75%	1.234%
15	9.063	1029	1033	1037	rBV2	10788	15871	0.55%	0.053%
16	9.451	1092	1099	1113	rBV	159728	312047	10.85%	1.050%
17	9.569	1117	1119	1126	rVB4	2027	3805	0.13%	0.013%
18	9.992	1184	1191	1208	rBV	206058	496111	17.24%	1.669%
19	10.345	1244	1251	1265	rBV	919851	1541830	53.59%	5.188%
20	10.528	1276	1282	1307	rBV2	98951	308372	10.72%	1.038%
21	11.975	1523	1528	1532	rBV	2893	5541	0.19%	0.019%
22	13.651	1807	1813	1817	rBV	574185	830441	28.86%	2.794%
23	13.698	1817	1821	1838	rVB	165896	265605	9.23%	0.894%
24	13.921	1853	1859	1871	rBV	634131	978793	34.02%	3.294%
25	14.116	1889	1892	1896	rBV3	4368	4605	0.16%	0.015%
26	14.227	1904	1911	1925	rBV2	1403530	2077897	72.22%	6.992%
27	14.498	1951	1957	1978	rBV2	65734	231862	8.06%	0.780%
28	14.668	1981	1986	1988	rVV4	6491	9993	0.35%	0.034%
29	14.692	1988	1990	1993	rVB3	3426	3499	0.12%	0.012%
30	15.021	2040	2046	2050	rBV	10588	13856	0.48%	0.047%
31	15.068	2050	2054	2059	rVB	6199	8692	0.30%	0.029%
32	15.233	2075	2082	2091	rBV	913065	1406275	48.88%	4.732%
33	15.380	2102	2107	2118	rBV	164359	280024	9.73%	0.942%
34	15.474	2120	2123	2130	rVB3	11458	18028	0.63%	0.061%

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35	15.798	2171	2178	2181	rBV3	3142	5694	0.20%	0.019%
36	15.933	2197	2201	2207	rBV2	9693	17753	0.62%	0.060%
37	16.015	2212	2215	2218	rVB2	3795	4334	0.15%	0.015%
38	16.110	2227	2231	2233	rBV3	2770	3939	0.14%	0.013%
39	16.186	2241	2244	2247	rBV2	3685	3896	0.14%	0.013%
40	16.239	2249	2253	2254	rBV3	7276	8704	0.30%	0.029%
41	16.274	2255	2259	2264	rVB	52959	65637	2.28%	0.221%
42	16.392	2276	2279	2285	rBV3	8403	15831	0.55%	0.053%
43	16.592	2309	2313	2317	rVB2	3061	5133	0.18%	0.017%
44	16.727	2334	2336	2339	rBV2	6830	9930	0.35%	0.033%
45	16.780	2343	2345	2350	rVB2	9222	10028	0.35%	0.034%
46	16.880	2357	2362	2370	rBV3	23078	39204	1.36%	0.132%
47	16.986	2374	2380	2391	rVV2	1774414	2514024	87.38%	8.459%
48	17.086	2391	2397	2409	rVV2	1009242	1447375	50.31%	4.870%
49	17.198	2413	2416	2420	rVV5	5858	9041	0.31%	0.030%
50	17.274	2424	2429	2432	rVV2	14764	22531	0.78%	0.076%
51	17.339	2436	2440	2442	rBV5	4837	6904	0.24%	0.023%
52	17.374	2442	2446	2451	rVB4	11453	17928	0.62%	0.060%
53	17.468	2458	2462	2466	rBV3	7386	10933	0.38%	0.037%
54	17.539	2470	2474	2478	rVB6	13649	18034	0.63%	0.061%
55	17.621	2485	2488	2491	rBV5	3222	4183	0.15%	0.014%
56	17.651	2491	2493	2496	rVB4	5544	7341	0.26%	0.025%
57	17.762	2507	2512	2518	rBV7	12566	25940	0.90%	0.087%
58	17.821	2518	2522	2528	rBV5	17932	38748	1.35%	0.130%
59	17.880	2528	2532	2542	rVV	260547	396090	13.77%	1.333%
60	17.956	2542	2545	2551	rVB	25954	43298	1.50%	0.146%
61	18.168	2577	2581	2588	rBV6	16902	39981	1.39%	0.135%
62	18.256	2592	2596	2598	rVV5	26723	33633	1.17%	0.113%
63	18.280	2598	2600	2604	rVB4	15495	16052	0.56%	0.054%
64	18.751	2677	2680	2686	rVB4	43956	51673	1.80%	0.174%
65	18.804	2686	2689	2693	rBV5	18164	23478	0.82%	0.079%
66	19.027	2722	2727	2729	rBV4	85053	121049	4.21%	0.407%
67	19.051	2729	2731	2734	rVV2	60617	73748	2.56%	0.248%
68	19.192	2744	2755	2762	rBV3	216827	554956	19.29%	1.867%
69	19.356	2778	2783	2784	rBV2	186354	220297	7.66%	0.741%
70	19.398	2784	2790	2797	rVV	1167637	1769514	61.50%	5.954%
71	19.456	2797	2800	2805	rVB	56103	80670	2.80%	0.271%

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72	20.127	2911	2914	2918	rBV5	42528	46067	1.60%	0.155%
73	20.339	2946	2950	2953	rBV6	62484	82577	2.87%	0.278%
74	20.897	3041	3045	3054	rBV2	231222	331011	11.51%	1.114%
75	21.103	3076	3080	3085	rBV	310797	370464	12.88%	1.247%
76	21.192	3090	3095	3105	rBV	2163451	2877097	100.00%	9.681%
77	21.333	3116	3119	3121	rBV	93832	94786	3.29%	0.319%
78	21.439	3134	3137	3142	rVB	239437	291892	10.15%	0.982%
79	21.756	3188	3191	3200	rVB	214917	263165	9.15%	0.886%
80	22.203	3264	3267	3272	rBV	253654	325776	11.32%	1.096%
81	22.697	3347	3351	3356	rVB	438363	598088	20.79%	2.013%
82	23.250	3440	3445	3455	rVB3	955463	1813007	63.02%	6.101%
83	23.397	3464	3470	3479	rVB	1273537	2468325	85.79%	8.306%
84	23.868	3546	3550	3557	rVB	332158	607681	21.12%	2.045%

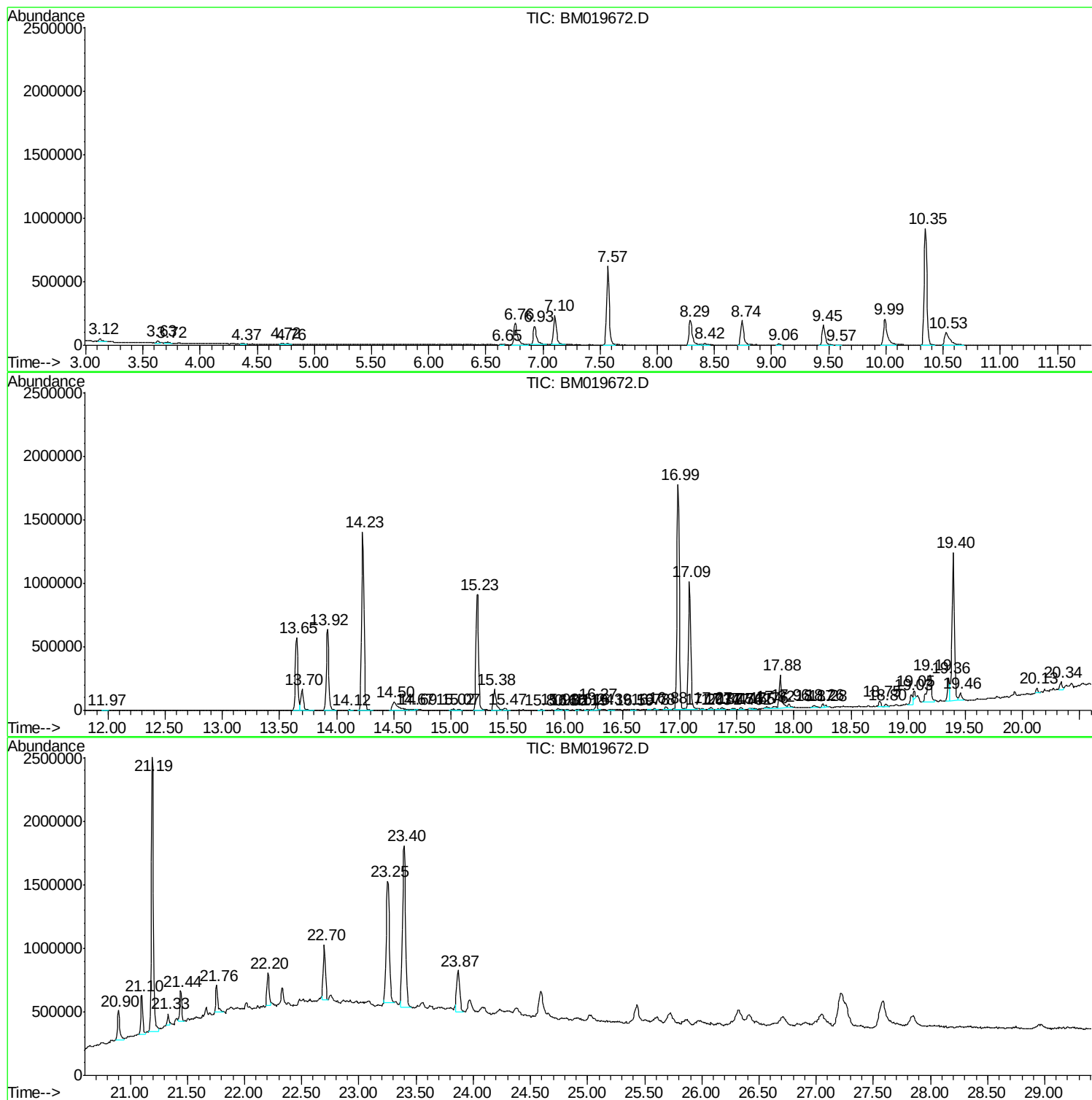
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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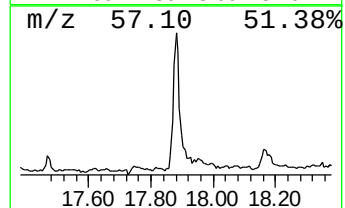
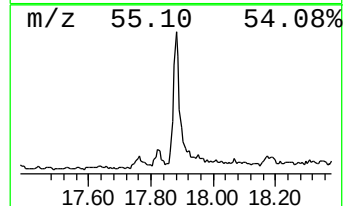
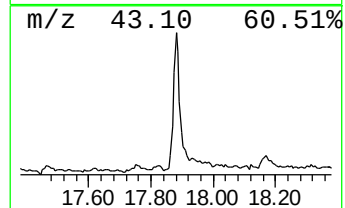
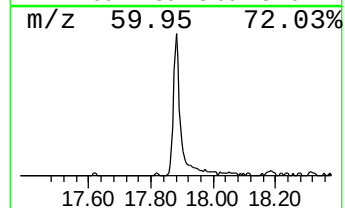
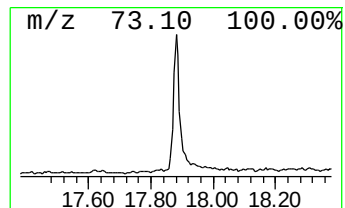
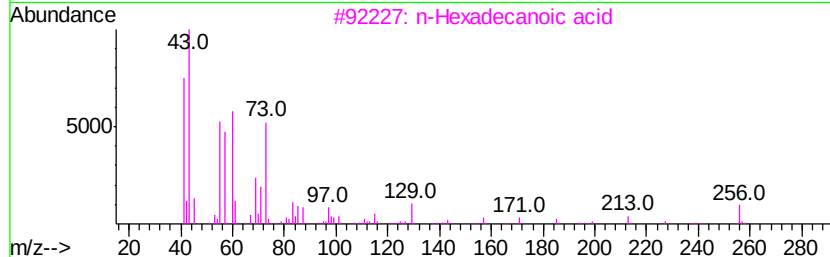
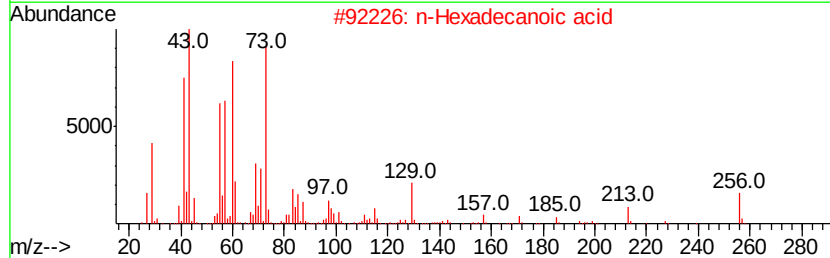
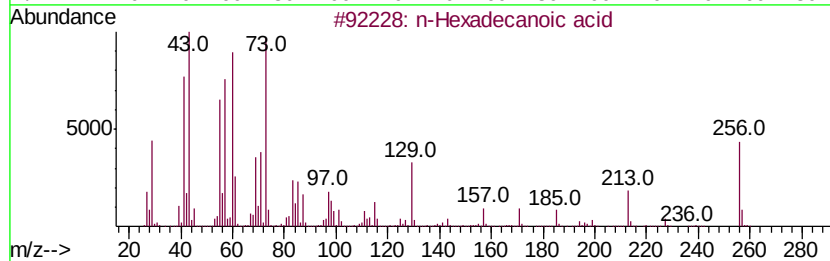
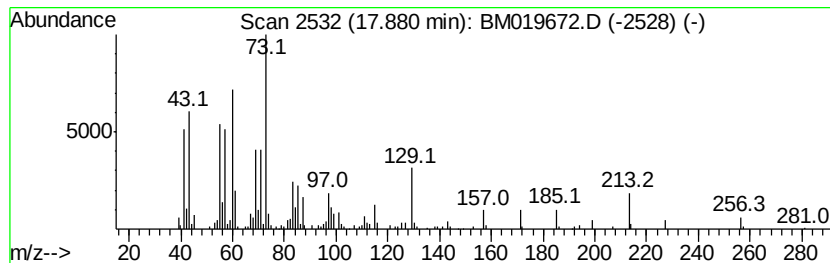
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.88	3.15 ng/ul	396090	Phenanthrene-d10	16.99	
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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52



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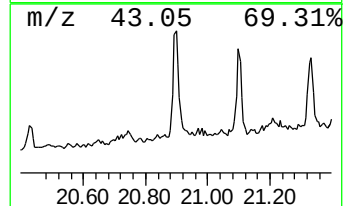
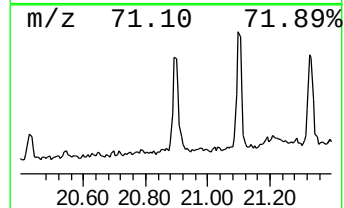
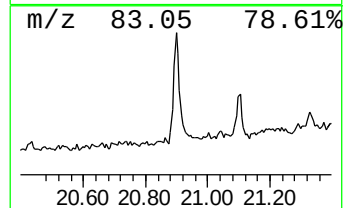
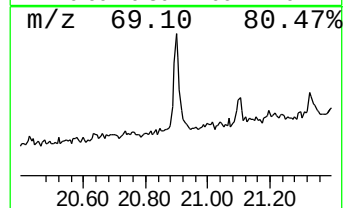
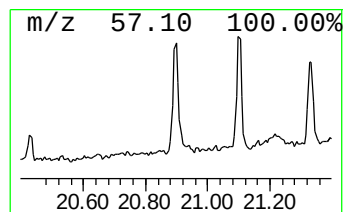
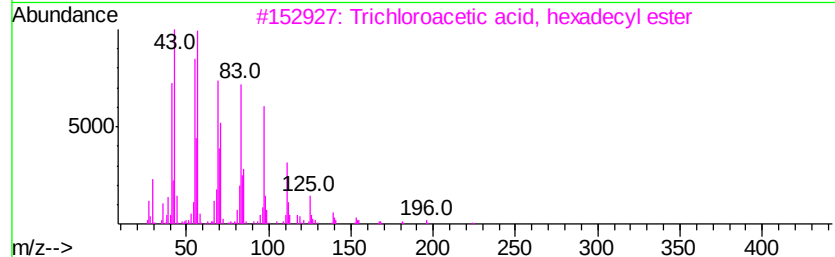
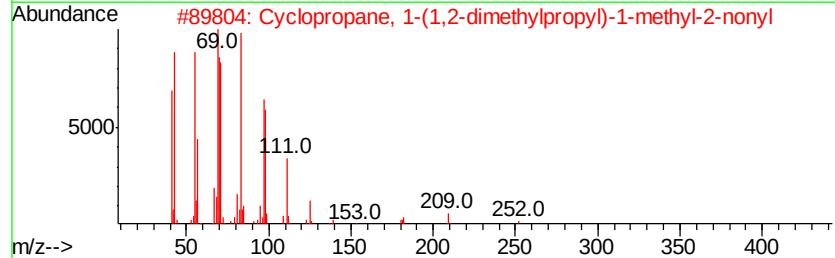
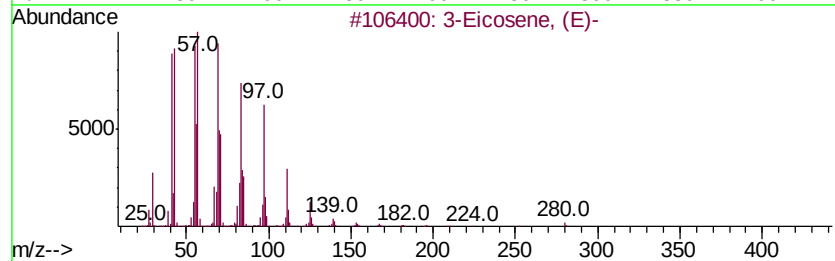
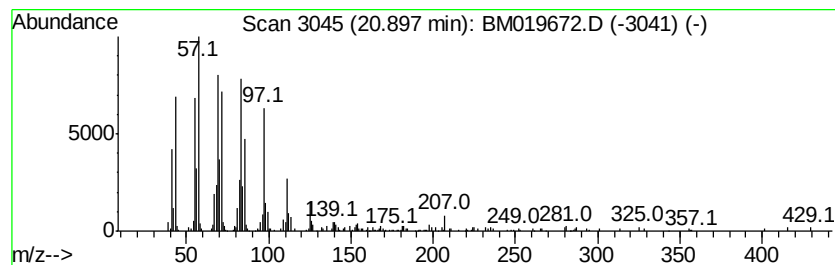
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.30 ng/ul	331011	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9 95
2	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8 90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1 87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0 87
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7 87



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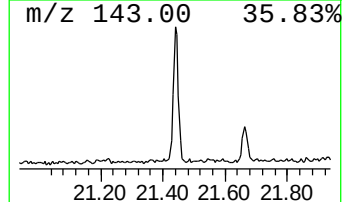
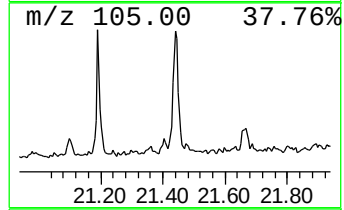
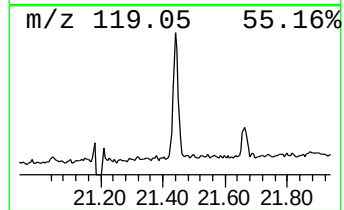
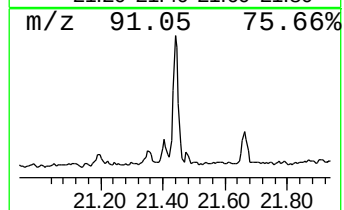
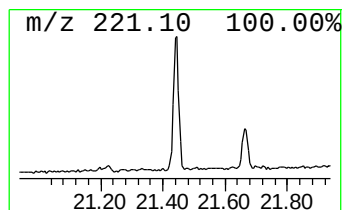
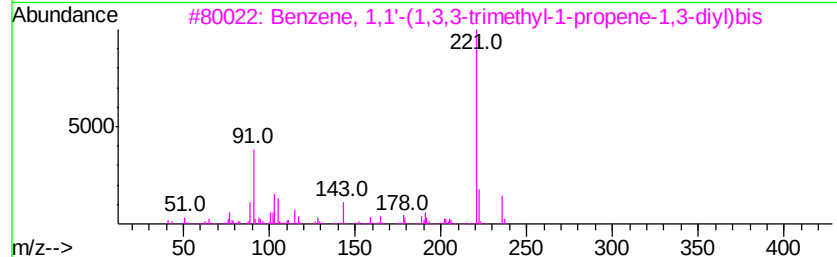
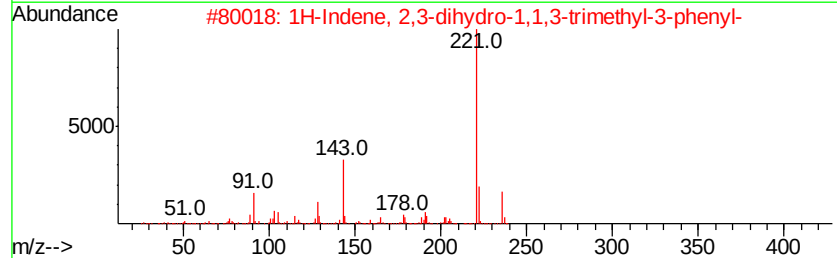
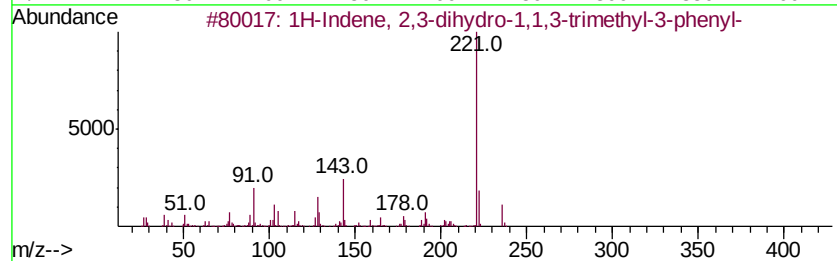
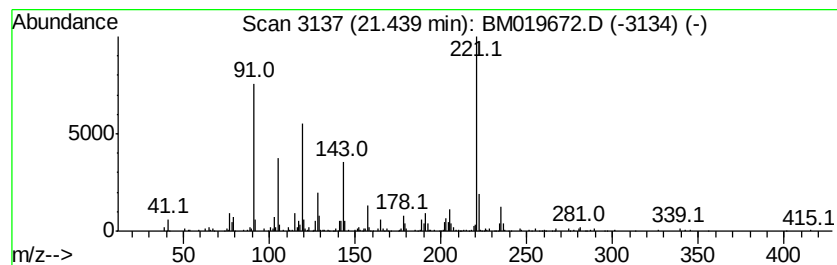
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Peak Number 4 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 7

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21.44	2.03 ng/ul	291892	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	58
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	47
3		Benzene, 1,1'-(1,3,3-trimethyl-1...	236	C18H20	006258-73-7	43
4		6-Phenyl-3,5-dithioxo-2,3,4,5-te...	221	C9H7N3S2	038119-57-2	38
5		Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	38



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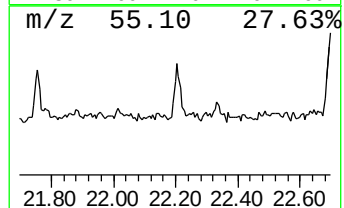
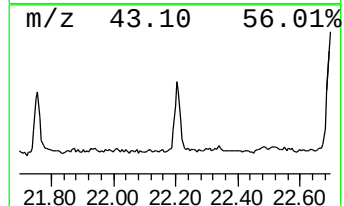
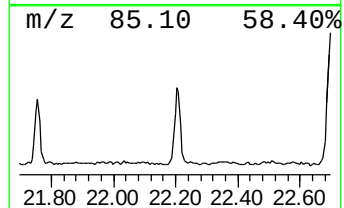
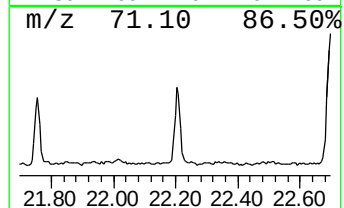
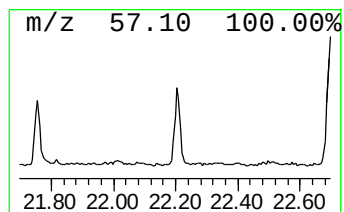
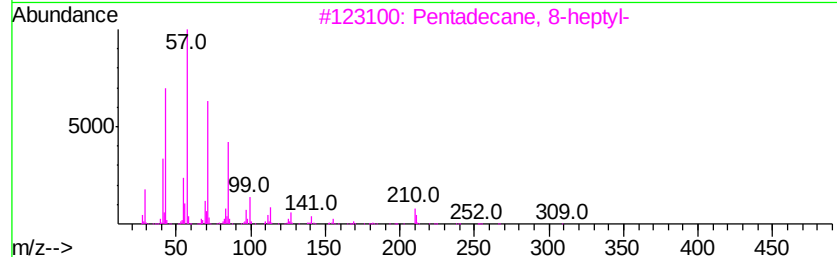
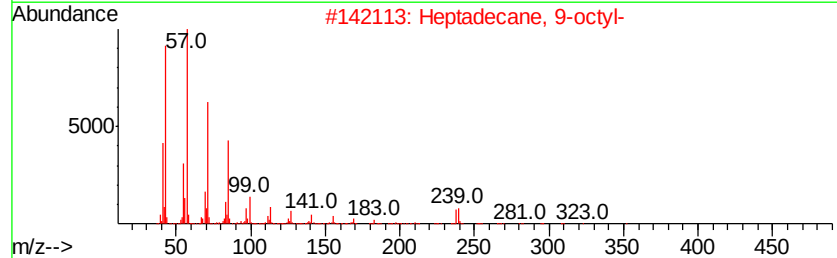
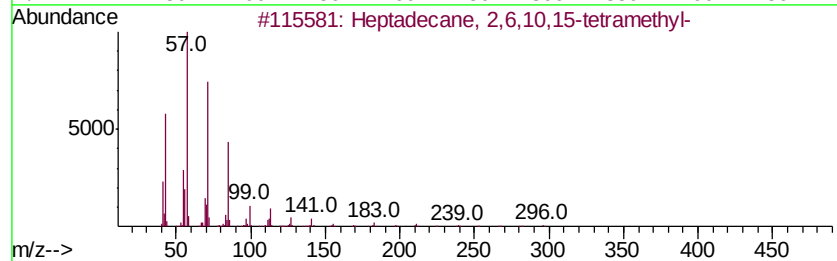
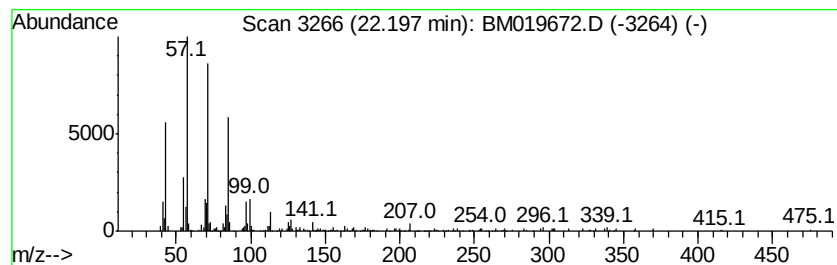
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.26 ng/ul	325776	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Nonacosane	408	C29H60	000630-03-5	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019672.D
Acq On : 02 Apr 2019 01:22
Operator : JU/SJ
Sample : K2119-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5C3

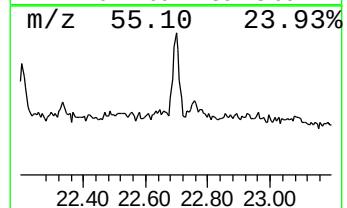
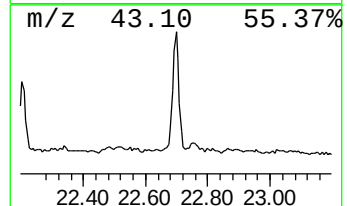
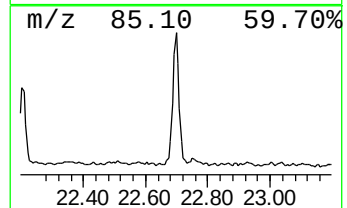
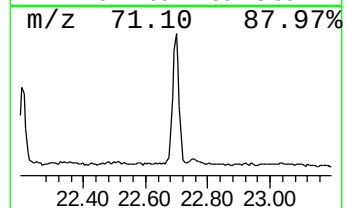
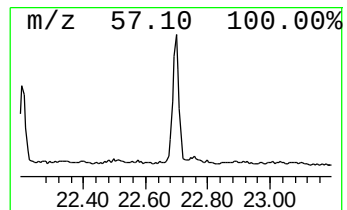
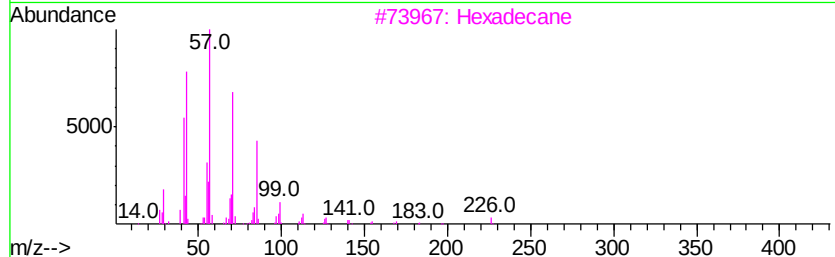
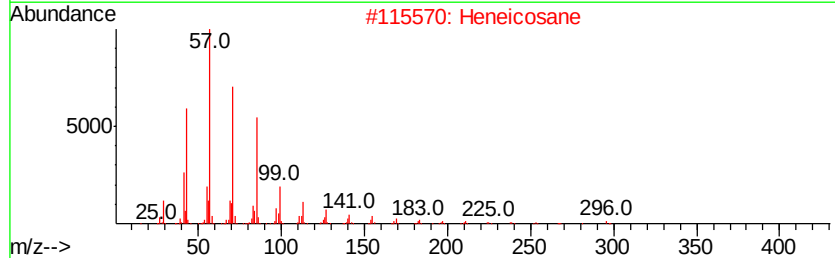
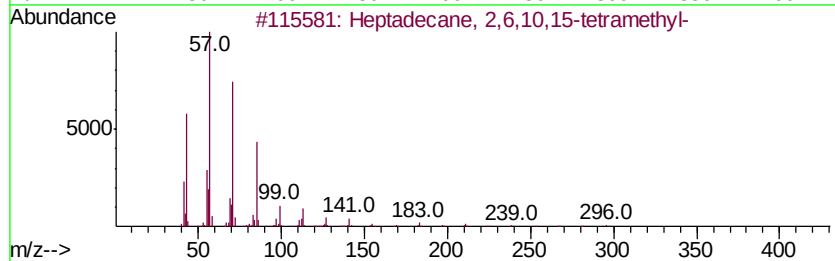
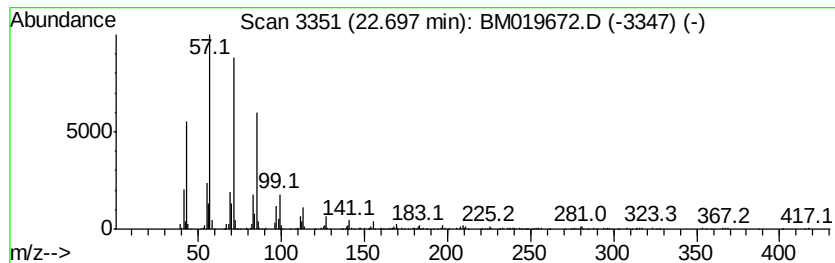
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	4.85 ng/ul	598088	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019672.D
Acq On : 02 Apr 2019 01:22
Operator : JU/SJ
Sample : K2119-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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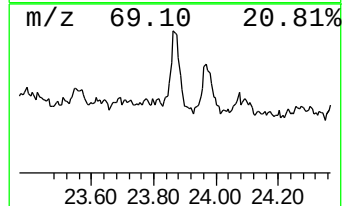
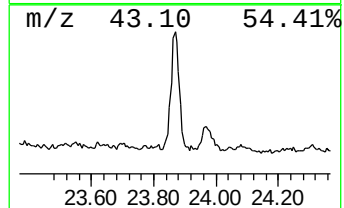
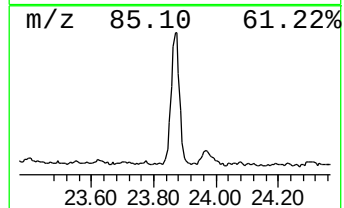
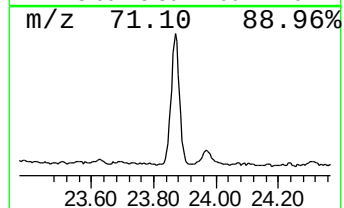
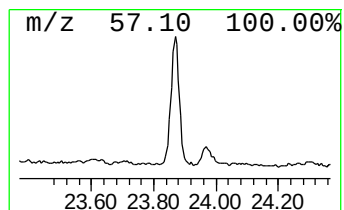
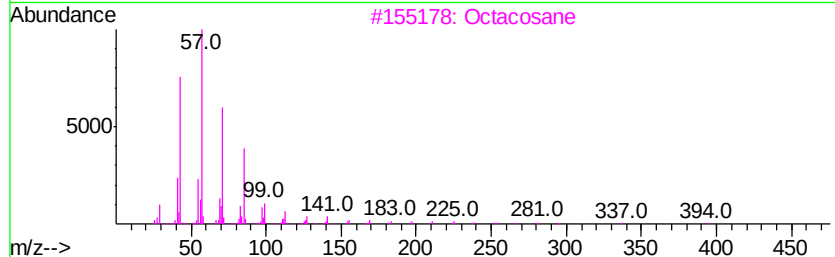
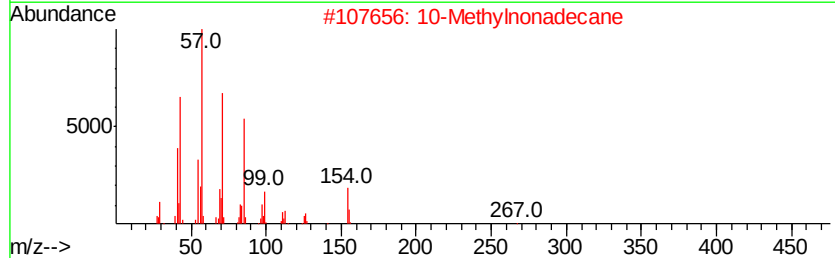
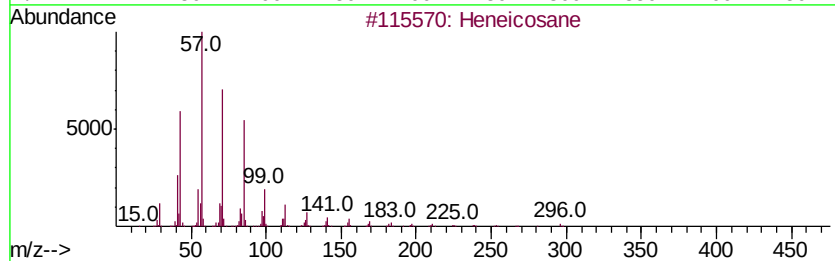
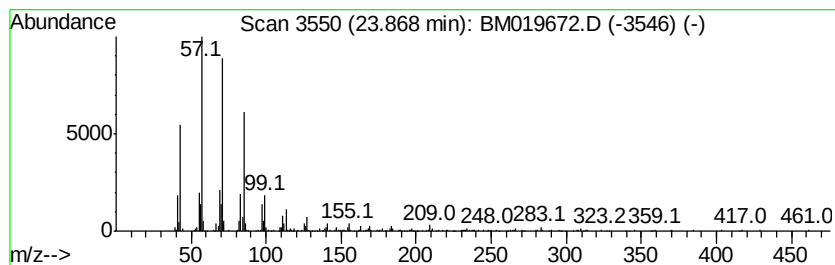
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.92 ng/ul	607681	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		10-Methylnonadecane	282	C20H42	056862-62-5	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019672.D
Acq On : 02 Apr 2019 01:22
Operator : JU/SJ
Sample : K2119-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5C3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.88	3.1	ng/ul	396090	4	16.99	2514020	20.0
(DEL) Alkane: Cyc...	20.90	2.3	ng/ul	331011	5	21.19	2877100	20.0
1H-Indene, 2,3-di...	21.44	2.0	ng/ul	291892	5	21.19	2877100	20.0
(DEL) Alkane: Str...	22.20	2.3	ng/ul	325776	5	21.19	2877100	20.0
(DEL) Alkane: Str...	22.70	4.8	ng/ul	598088	6	23.40	2468330	20.0
(DEL) Alkane: Str...	23.87	4.9	ng/ul	607681	6	23.40	2468330	20.0