

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
 Data File : BN004449.D
 Acq On : 18 Feb 2019 18:50
 Operator : JU/SJ
 Sample : K1491-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB578

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-BN020719MA.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	3.158	26	29	37	rBB	18251	23172	1.53%	0.316%
2	4.381	233	237	242	rVB	967	1758	0.12%	0.024%
3	5.270	383	388	394	rBB	16342	23025	1.52%	0.314%
4	6.234	548	552	555	rBB	1729	2168	0.14%	0.030%
5	7.740	803	808	815	rBB	73301	114590	7.54%	1.561%
6	10.528	1276	1282	1289	rBB	135509	210077	13.83%	2.862%
7	14.104	1886	1890	1894	rBB	3166	3981	0.26%	0.054%
8	14.381	1931	1937	1944	rBB2	260225	382495	25.17%	5.212%
9	14.775	2002	2004	2008	rBB	2055	2362	0.16%	0.032%
10	15.434	2111	2116	2119	rBB2	4258	6722	0.44%	0.092%
11	15.722	2162	2165	2168	rBB	2575	3039	0.20%	0.041%
12	15.869	2187	2190	2195	rBV	2073	3858	0.25%	0.053%
13	15.928	2195	2200	2205	rVV	34360	43876	2.89%	0.598%
14	16.081	2222	2226	2228	rBV	4162	4995	0.33%	0.068%
15	16.134	2231	2235	2238	rVV	25197	34913	2.30%	0.476%
16	16.157	2238	2239	2243	rVB	9419	7438	0.49%	0.101%
17	16.422	2278	2284	2291	rBV3	5054	9841	0.65%	0.134%
18	16.481	2291	2294	2297	rVB	1490	1729	0.11%	0.024%
19	16.581	2308	2311	2314	rVB2	1519	1794	0.12%	0.024%
20	16.663	2321	2325	2328	rBV2	3633	4834	0.32%	0.066%
21	16.698	2328	2331	2334	rVV2	3493	4116	0.27%	0.056%
22	16.728	2334	2336	2339	rVV	2419	2876	0.19%	0.039%
23	16.775	2339	2344	2346	rVV2	1266	1599	0.11%	0.022%
24	16.875	2354	2361	2365	rBV4	5068	11597	0.76%	0.158%
25	16.922	2365	2369	2372	rVV3	4307	7126	0.47%	0.097%
26	16.951	2372	2374	2377	rVB	3971	4044	0.27%	0.055%
27	17.128	2398	2404	2408	rVV	384423	559228	36.80%	7.620%
28	17.169	2408	2411	2418	rVB	126912	171852	11.31%	2.342%
29	17.263	2423	2427	2432	rVV	10580	13320	0.88%	0.181%
30	17.310	2432	2435	2439	rBV3	3710	5904	0.39%	0.080%
31	17.475	2461	2463	2465	rBV2	2053	1610	0.11%	0.022%
32	17.534	2470	2473	2474	rVV2	3384	3510	0.23%	0.048%
33	17.563	2474	2478	2483	rVV2	4445	10702	0.70%	0.146%
34	17.610	2484	2486	2489	rVV3	4474	5014	0.33%	0.068%

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35	17.651	2489	2493	2497	rVB	9462	12288	0.81%	0.167%
36	17.710	2499	2503	2506	rVB	2717	4225	0.28%	0.058%
37	17.857	2523	2528	2532	rBV	2407	4255	0.28%	0.058%
38	17.945	2539	2543	2546	rBV3	1592	2446	0.16%	0.033%
39	18.004	2548	2553	2557	rVV	32733	45753	3.01%	0.623%
40	18.051	2557	2561	2566	rVB	44441	60907	4.01%	0.830%
41	18.104	2566	2570	2572	rBV4	2858	3579	0.24%	0.049%
42	18.134	2572	2575	2577	rVV	4979	6136	0.40%	0.084%
43	18.198	2580	2586	2590	rVV2	36728	68494	4.51%	0.933%
44	18.234	2590	2592	2601	rVB	23070	31135	2.05%	0.424%
45	18.316	2602	2606	2609	rBV4	1693	2542	0.17%	0.035%
46	18.404	2619	2621	2624	rVB3	2171	2325	0.15%	0.032%
47	18.434	2624	2626	2629	rBV3	1968	2498	0.16%	0.034%
48	18.510	2634	2639	2643	rBV	27422	37239	2.45%	0.507%
49	18.722	2673	2675	2676	rBV2	2730	1784	0.12%	0.024%
50	18.757	2677	2681	2685	rVB2	9934	13135	0.86%	0.179%
51	18.804	2686	2689	2692	rVB	12546	12054	0.79%	0.164%
52	18.839	2692	2695	2702	rVB2	7617	11779	0.78%	0.160%
53	18.922	2705	2709	2714	rBV	23215	35307	2.32%	0.481%
54	18.975	2714	2718	2722	rBV4	11314	21777	1.43%	0.297%
55	19.016	2722	2725	2728	rVB	11721	10976	0.72%	0.150%
56	19.051	2728	2731	2735	rBV3	9697	15149	1.00%	0.206%
57	19.192	2749	2755	2760	rBV	400081	527806	34.74%	7.191%
58	19.251	2761	2765	2768	rVV2	15487	22808	1.50%	0.311%
59	19.292	2769	2772	2776	rVV5	8720	12392	0.82%	0.169%
60	19.334	2776	2779	2783	rVV4	18309	20662	1.36%	0.282%
61	19.451	2794	2799	2806	rBV	209314	232486	15.30%	3.168%
62	19.522	2806	2811	2814	rBV2	70247	105413	6.94%	1.436%
63	19.557	2814	2817	2824	rVB	151938	194069	12.77%	2.644%
64	19.628	2825	2829	2833	rVB2	25910	36441	2.40%	0.497%
65	19.734	2845	2847	2851	rBV	15326	17578	1.16%	0.240%
66	19.898	2869	2875	2881	rVB4	41872	78452	5.16%	1.069%
67	19.969	2885	2887	2890	rVB	18787	17205	1.13%	0.234%
68	20.045	2896	2900	2907	rVB2	129154	188401	12.40%	2.567%
69	20.151	2915	2918	2922	rBV	33609	42030	2.77%	0.573%
70	20.198	2923	2926	2931	rVV2	23320	44662	2.94%	0.609%
71	20.251	2932	2935	2938	rVB2	25189	26848	1.77%	0.366%

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72	20.322	2944	2947	2951	rVB	93706	100186	6.59%	1.365%
73	20.381	2954	2957	2959	rBV3	20618	24024	1.58%	0.327%
74	20.504	2971	2978	2984	rBV	240416	309006	20.34%	4.210%
75	20.622	2995	2998	2999	rBV2	35264	39634	2.61%	0.540%
76	20.639	2999	3001	3006	rVB	59426	71744	4.72%	0.978%
77	20.786	3023	3026	3030	rBV	61746	63120	4.15%	0.860%
78	20.975	3055	3058	3061	rBV	26076	38240	2.52%	0.521%
79	21.010	3062	3064	3068	rVV	50797	58234	3.83%	0.793%
80	21.057	3069	3072	3076	rVB2	68511	82569	5.43%	1.125%
81	21.328	3111	3118	3128	rBV2	729623	1519466	100.00%	20.703%
82	21.404	3128	3131	3135	rVB	73854	83469	5.49%	1.137%
83	21.463	3137	3141	3144	rVV2	100776	112649	7.41%	1.535%
84	21.663	3171	3175	3182	rBV4	62921	106274	6.99%	1.448%
85	23.598	3497	3504	3518	rVB	536723	1068529	70.32%	14.559%

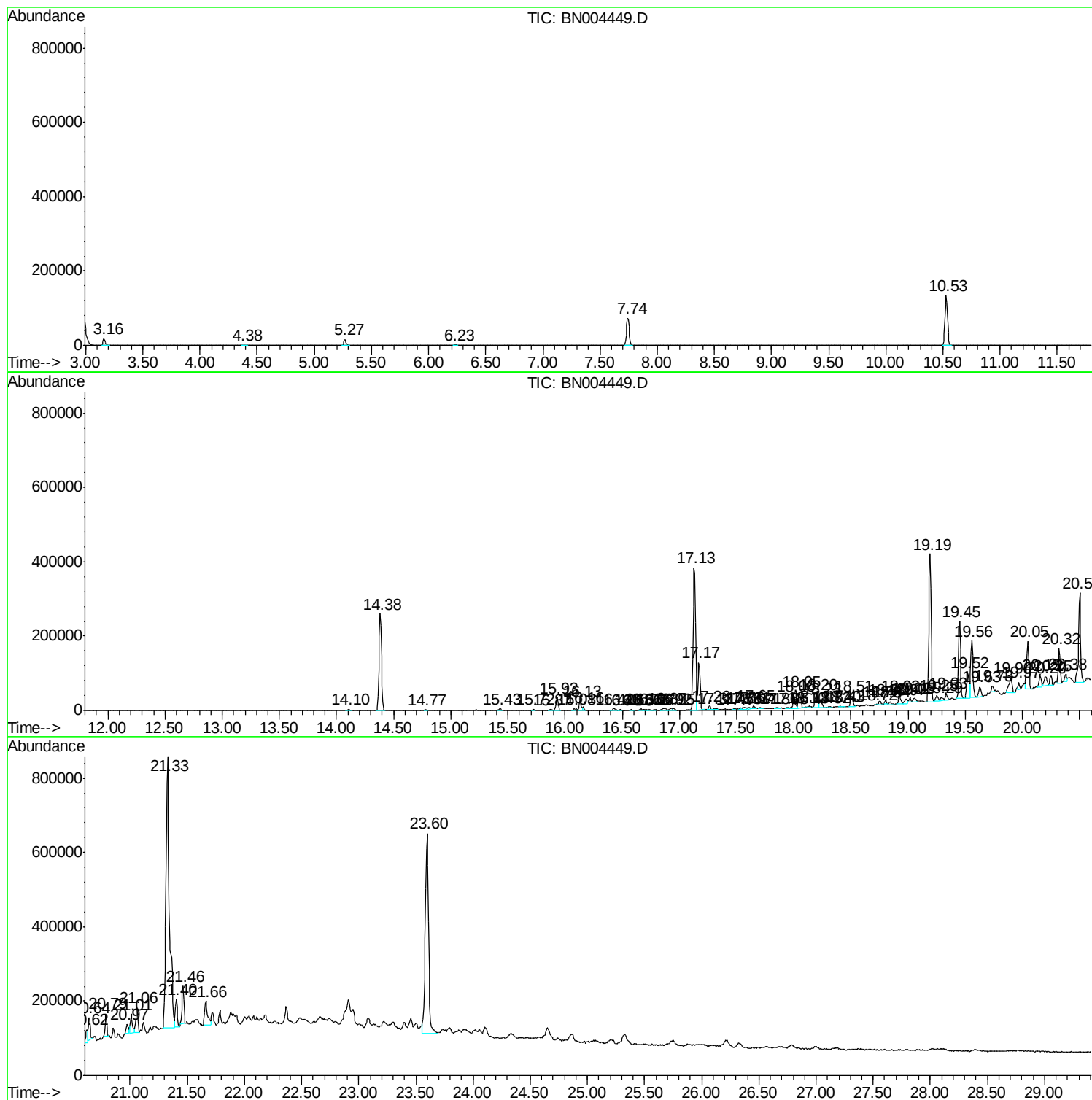
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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



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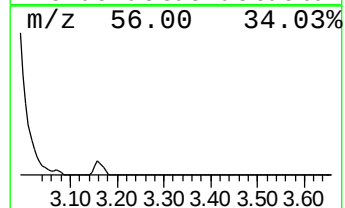
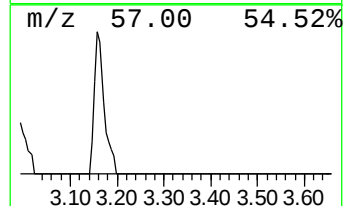
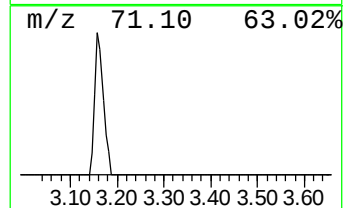
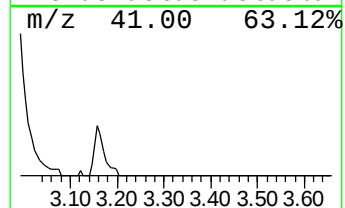
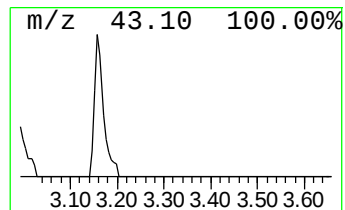
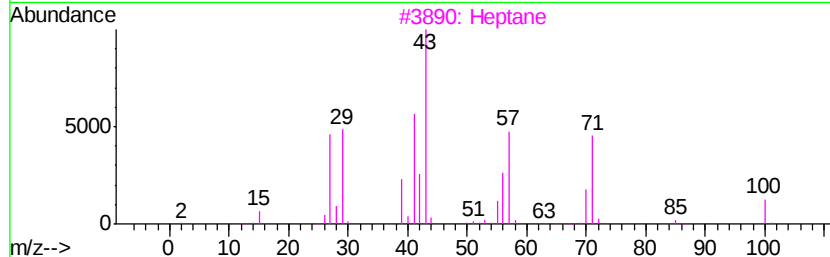
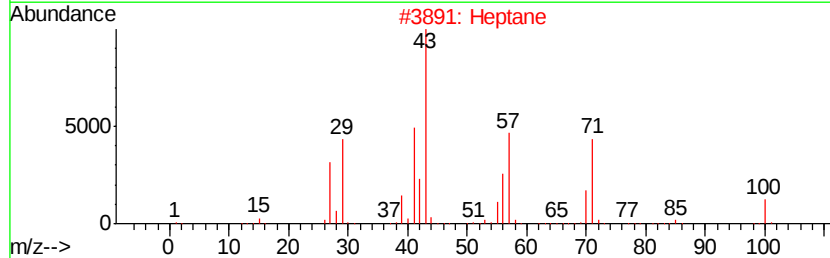
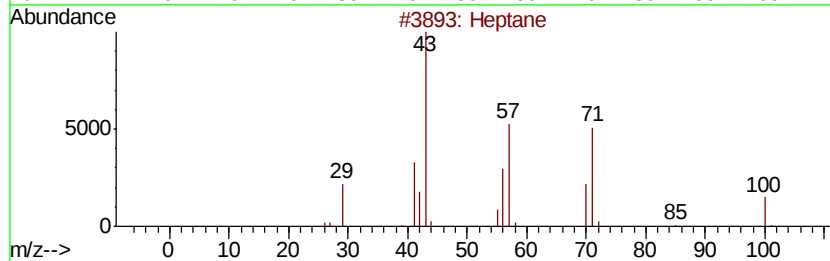
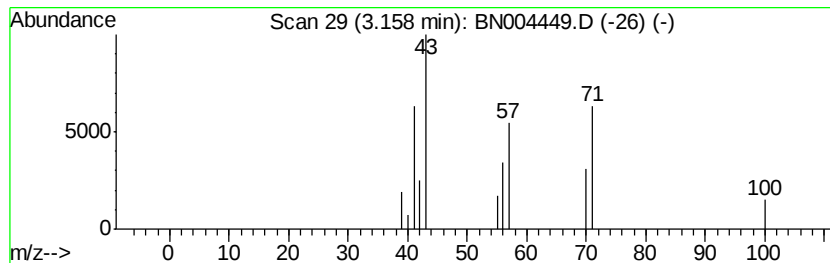
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	4.04 ng/ul	23172	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	90
2	Heptane			100	C7H16	000142-82-5	86
3	Heptane			100	C7H16	000142-82-5	86
4	Heptane			100	C7H16	000142-82-5	86
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	38



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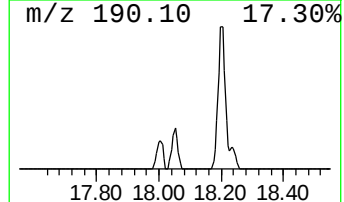
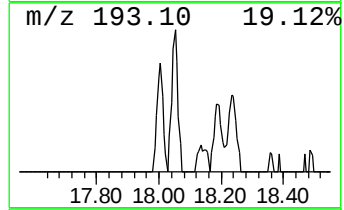
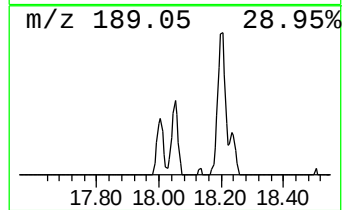
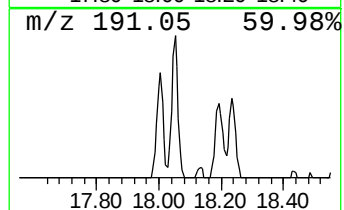
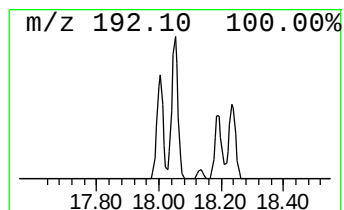
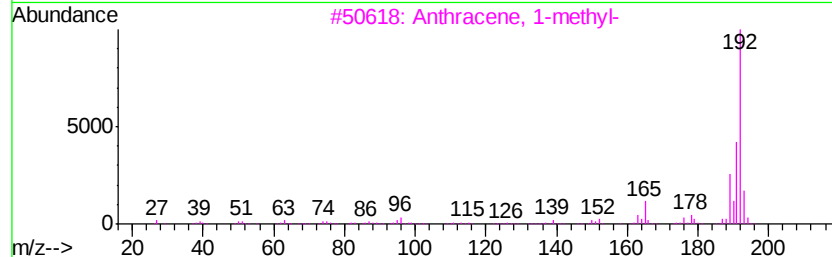
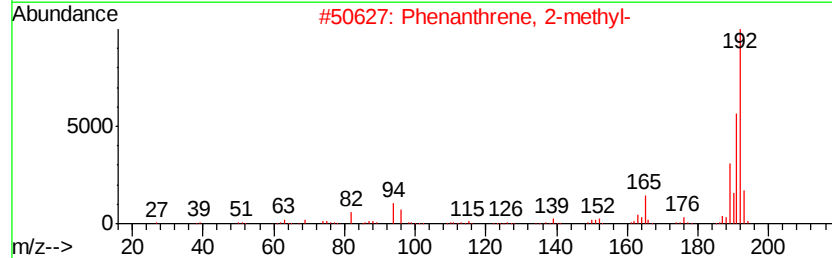
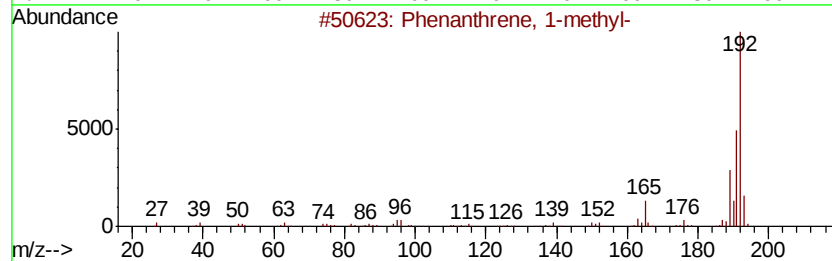
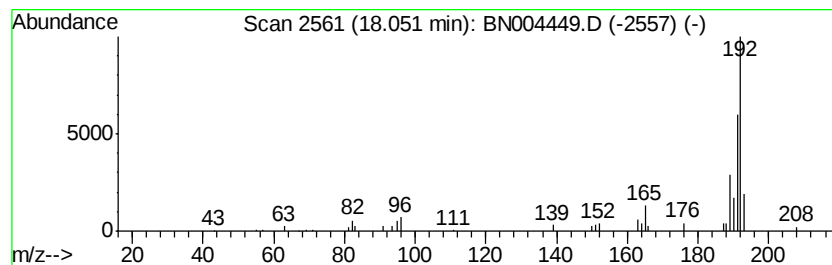
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.05	2.18 ng/ul	60907	Phenanthrene-d10	17.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93	
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93	



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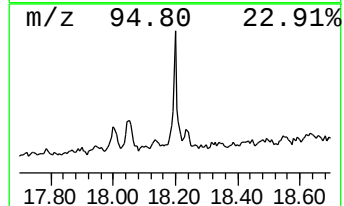
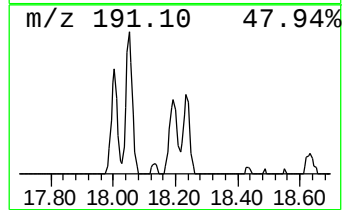
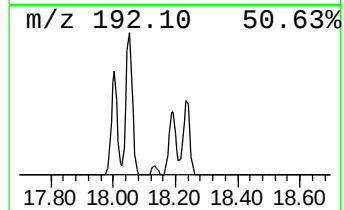
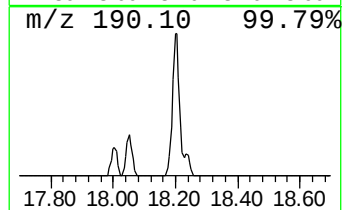
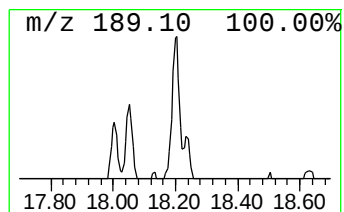
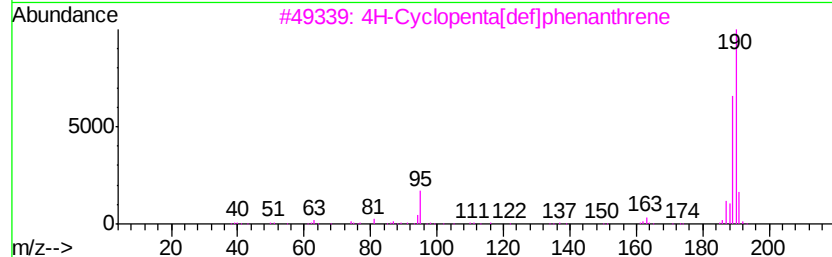
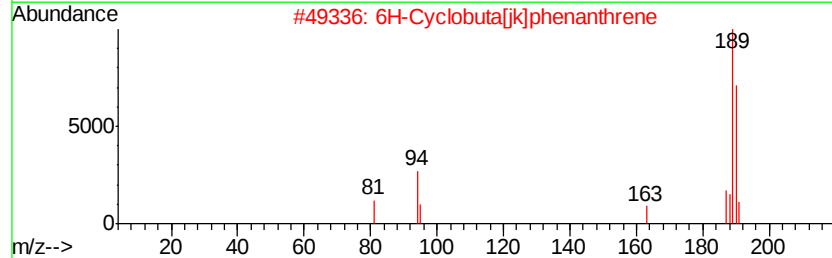
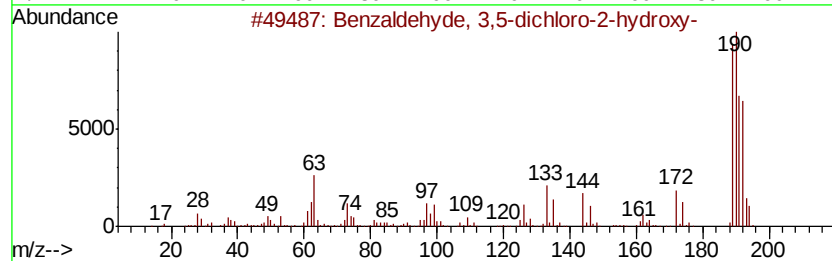
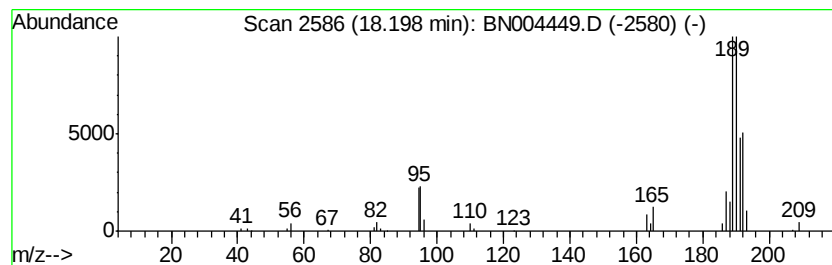
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.45 ng/ul	68494	Phenanthrene-d10	17.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52



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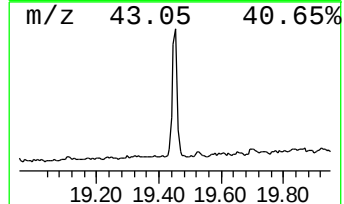
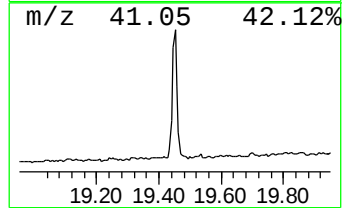
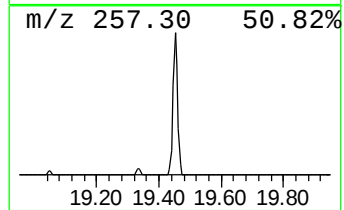
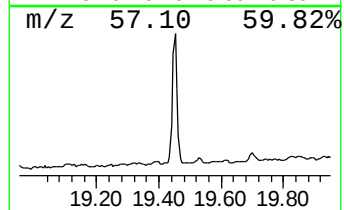
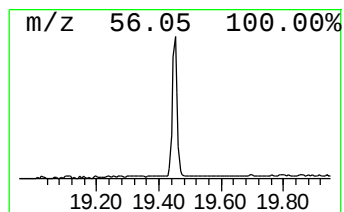
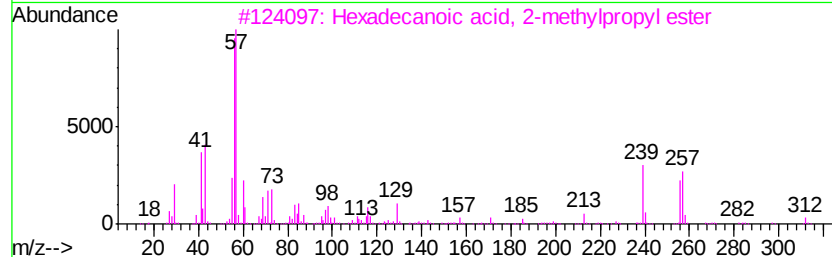
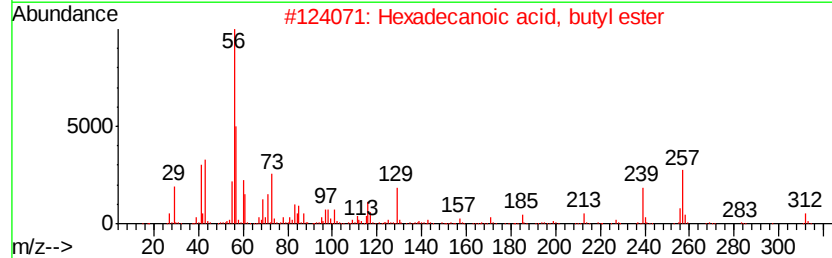
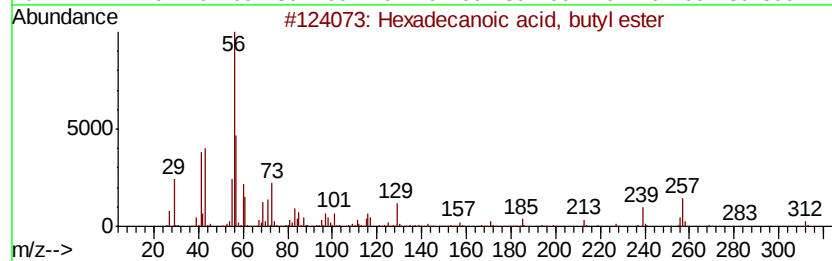
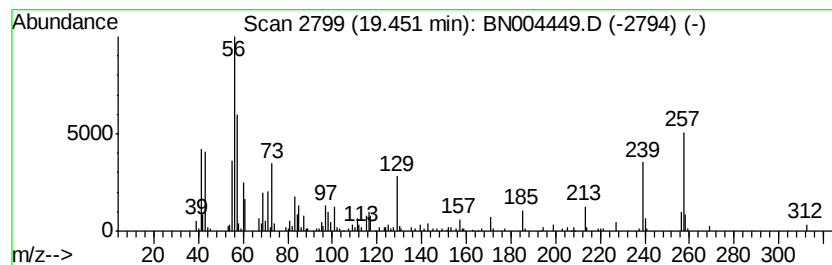
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	3.06 ng/ul	232486	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94	
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90	
3	Hexadecanoic acid, 2-methylpropyl ester	312	C20H40O2	000110-34-9	89	
4	Hexadecanoic acid, 1,1-dimethylethyl ester	312	C20H40O2	031158-91-5	70	
5	Nordextromethorphan	257	C17H23NO	051195-74-5	52	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\
Data File : BN004449.D
Acq On : 18 Feb 2019 18:50
Operator : JU/SJ
Sample : K1491-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB578

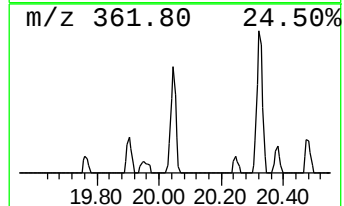
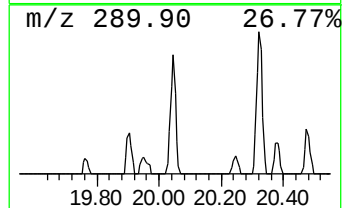
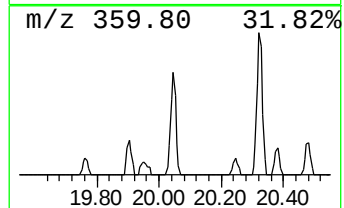
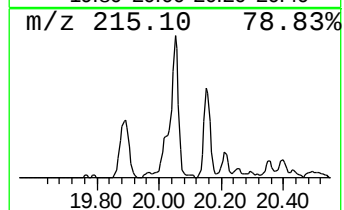
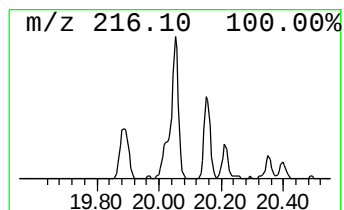
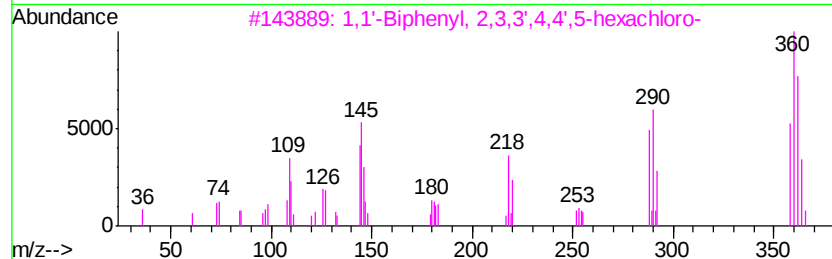
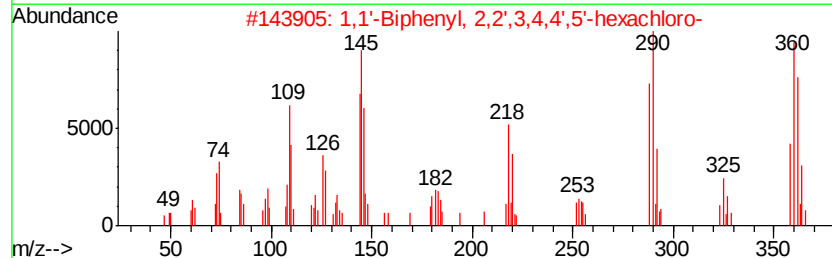
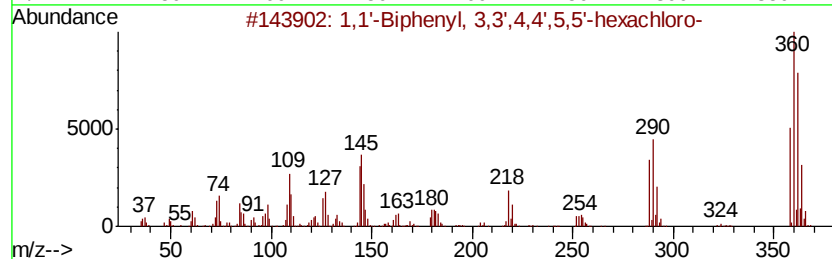
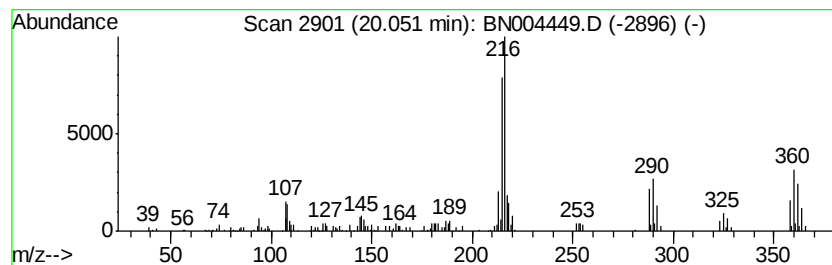
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.48 ng/ul	188401	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	97
2		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	97
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	97
5		1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
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Sample : K1491-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB578

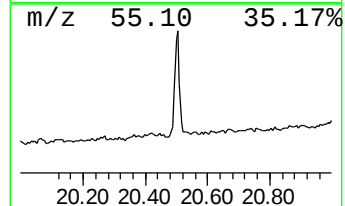
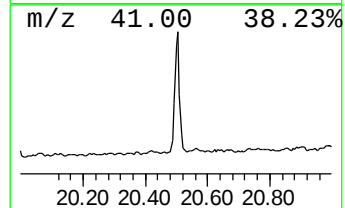
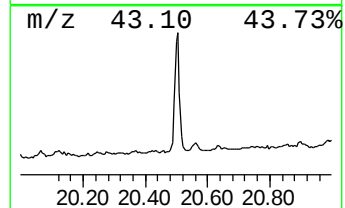
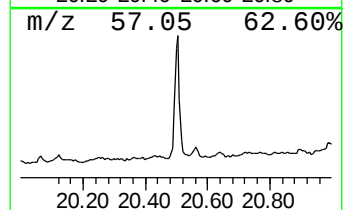
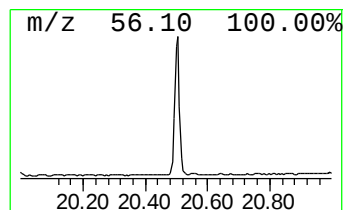
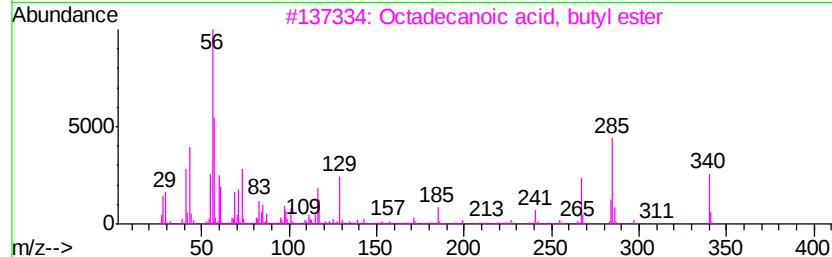
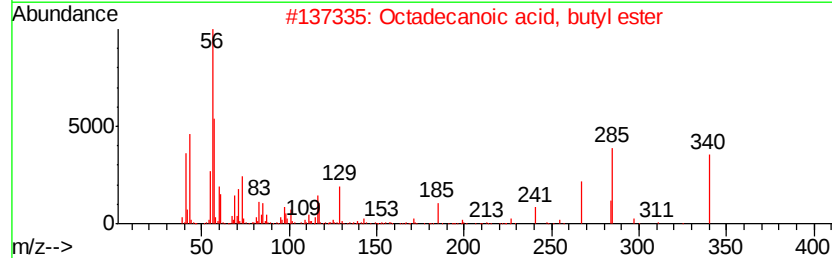
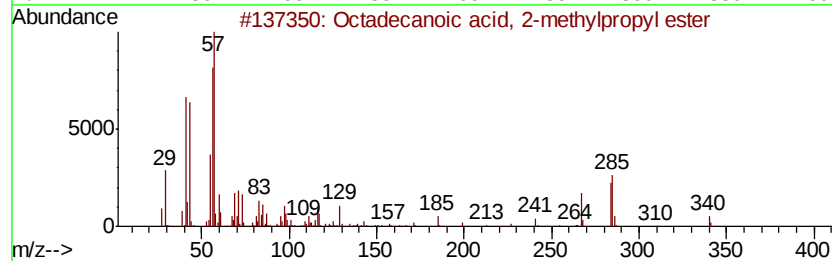
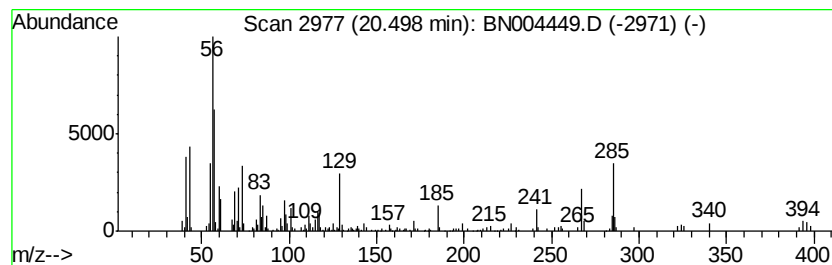
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid, 2-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	4.07 ng/ul	309006	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	93
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	50
5		Nipecotic acid	129	C6H11NO2	000498-95-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\
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Sample : K1491-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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
(DEL) Alkane: Str...	3.16	4.0	ng/ul	23172	1	7.74	114590	20.0
Phenanthrene, 1-m...	18.05	2.2	ng/ul	60907	4	17.13	559228	20.0
Benzaldehyde, 3,5...	18.20	2.5	ng/ul	68494	4	17.13	559228	20.0
Hexadecanoic acid...	19.45	3.1	ng/ul	232486	5	21.33	1519470	20.0
1,1'-Biphenyl, 3,...	20.05	2.5	ng/ul	188401	5	21.33	1519470	20.0
Octadecanoic acid...	20.50	4.1	ng/ul	309006	5	21.33	1519470	20.0