

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024869.D
 Acq On : 13 Feb 2020 23:27
 Operator : CG/JU
 Sample : L1404-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6N6

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-BM020620MA.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	3.040	22	26	39	rVB2	55241	142853	1.85%	0.127%
2	3.646	123	129	136	rVV3	19441	48726	0.63%	0.043%
3	3.722	137	142	151	rVB2	35309	78677	1.02%	0.070%
4	4.599	286	291	302	rVB2	60392	122908	1.59%	0.109%
5	6.593	618	630	648	rBV	1137578	1914797	24.80%	1.700%
6	6.752	650	657	671	rVB	1062413	1731893	22.43%	1.538%
7	6.940	682	689	698	rBV	1307158	2190965	28.38%	1.945%
8	7.393	759	766	776	rBV	1783446	2903359	37.60%	2.578%
9	8.105	880	887	900	rBV	1555540	2531173	32.78%	2.248%
10	8.210	900	905	910	rVB3	20891	39646	0.51%	0.035%
11	8.534	951	960	974	rBV	1192470	1977916	25.62%	1.756%
12	8.722	987	992	1001	rVB6	29527	48569	0.63%	0.043%
13	9.022	1037	1043	1049	rVB	114589	162011	2.10%	0.144%
14	9.246	1074	1081	1090	rBV	1041139	1680998	21.77%	1.493%
15	9.781	1164	1172	1186	rBV	1575621	2644342	34.25%	2.348%
16	10.146	1227	1234	1241	rBV	2307443	3771743	48.85%	3.349%
17	10.193	1241	1242	1248	rVB	50280	60506	0.78%	0.054%
18	10.293	1251	1259	1278	rBV	1133004	2178979	28.22%	1.935%
19	11.687	1492	1496	1502	rVV2	23792	44603	0.58%	0.040%
20	11.751	1502	1507	1513	rVV	34285	60536	0.78%	0.054%
21	11.828	1513	1520	1529	rVB	40627	78667	1.02%	0.070%
22	12.045	1551	1557	1565	rVB	33921	59972	0.78%	0.053%
23	12.898	1699	1702	1707	rVV2	25921	38835	0.50%	0.034%
24	13.357	1771	1780	1786	rVB4	34797	64719	0.84%	0.057%
25	13.469	1793	1799	1806	rBV	2957304	3998194	51.78%	3.550%
26	13.728	1836	1843	1853	rBV	3153985	4650657	60.23%	4.130%
27	13.892	1865	1871	1878	rBV2	33274	75152	0.97%	0.067%
28	13.992	1885	1888	1891	rVV	39015	47135	0.61%	0.042%
29	14.045	1891	1897	1903	rVV	3399285	4892120	63.36%	4.344%
30	14.104	1903	1907	1913	rVB	64753	88744	1.15%	0.079%
31	14.269	1929	1935	1948	rBV	878384	1559849	20.20%	1.385%
32	14.451	1959	1966	1970	rBV2	49885	94227	1.22%	0.084%
33	15.045	2056	2067	2073	rBV	4200390	5976723	77.41%	5.307%
34	15.104	2073	2077	2083	rVV2	89814	139790	1.81%	0.124%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Title : SVOA CALIBRATION

35	15.181	2083	2090	2102	rVV	1216520	1715580	22.22%	1.523%
36	15.286	2102	2108	2112	rVV2	54943	103746	1.34%	0.092%
37	15.404	2124	2128	2132	rVB	29823	33753	0.44%	0.030%
38	15.551	2148	2153	2160	rVV2	26560	55904	0.72%	0.050%
39	16.116	2243	2249	2254	rVV3	25725	56347	0.73%	0.050%
40	16.163	2254	2257	2263	rVV5	21366	32524	0.42%	0.029%
41	16.457	2303	2307	2317	rVB2	39465	85192	1.10%	0.076%
42	16.616	2330	2334	2340	rVV2	72775	101518	1.31%	0.090%
43	16.798	2357	2365	2369	rBV	4081209	5542319	71.78%	4.921%
44	16.839	2369	2372	2377	rVV	988189	1280281	16.58%	1.137%
45	16.898	2377	2382	2396	rVB	4339520	6122339	79.29%	5.436%
46	17.222	2430	2437	2441	rBV2	70069	166164	2.15%	0.148%
47	17.386	2462	2465	2474	rVB4	31391	55130	0.71%	0.049%
48	17.522	2485	2488	2494	rVB6	22380	37264	0.48%	0.033%
49	17.680	2510	2515	2519	rBV	150909	231738	3.00%	0.206%
50	17.727	2519	2523	2531	rVV2	237957	424881	5.50%	0.377%
51	17.804	2532	2536	2541	rVV2	66174	104442	1.35%	0.093%
52	17.869	2541	2547	2551	rVV2	209142	368721	4.78%	0.327%
53	17.910	2551	2554	2559	rVV	115363	151004	1.96%	0.134%
54	17.963	2559	2563	2567	rVV5	26918	39947	0.52%	0.035%
55	18.039	2570	2576	2580	rVV5	59946	116796	1.51%	0.104%
56	18.186	2596	2601	2608	rBV2	157818	246262	3.19%	0.219%
57	18.274	2613	2616	2620	rVV2	29950	38334	0.50%	0.034%
58	18.439	2640	2644	2646	rVV	53657	76443	0.99%	0.068%
59	18.492	2649	2653	2656	rVV	47701	67873	0.88%	0.060%
60	18.527	2656	2659	2663	rVB3	36706	48642	0.63%	0.043%
61	18.610	2669	2673	2678	rBV	123397	186897	2.42%	0.166%
62	18.698	2678	2688	2692	rVV5	78079	238310	3.09%	0.212%
63	18.745	2692	2696	2705	rVB3	90395	173846	2.25%	0.154%
64	18.869	2712	2717	2723	rVB	1676789	2128845	27.57%	1.890%
65	19.039	2741	2746	2749	rBV2	47659	77051	1.00%	0.068%
66	19.092	2751	2755	2765	rVB5	71109	177243	2.30%	0.157%
67	19.204	2768	2774	2778	rBV	5230458	7721180	100.00%	6.856%
68	19.274	2784	2786	2789	rVB3	91800	94650	1.23%	0.084%
69	19.310	2789	2792	2801	rVB2	159724	268759	3.48%	0.239%
70	19.421	2807	2811	2819	rBV	91412	140158	1.82%	0.124%
71	19.574	2830	2837	2844	rBV2	125326	326785	4.23%	0.290%

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72	19.704	2856	2859	2862	rBV3	95030	156797	2.03%	0.139%
73	19.739	2862	2865	2869	rVB	187638	262968	3.41%	0.234%
74	19.816	2875	2878	2881	rBV	151752	175986	2.28%	0.156%
75	19.845	2881	2883	2887	rVB	100775	97264	1.26%	0.086%
76	19.898	2887	2892	2897	rBV2	185862	296108	3.84%	0.263%
77	20.039	2912	2916	2920	rBV	122145	148255	1.92%	0.132%
78	20.086	2920	2924	2929	rBV2	109231	172425	2.23%	0.153%
79	20.316	2960	2963	2966	rBV	219312	225911	2.93%	0.201%
80	20.492	2990	2993	3000	rVB	153616	216928	2.81%	0.193%
81	20.657	3018	3021	3025	rVB	111875	138310	1.79%	0.123%
82	20.698	3025	3028	3031	rBV	128356	148637	1.93%	0.132%
83	20.727	3031	3033	3036	rVB	88643	89812	1.16%	0.080%
84	20.774	3036	3041	3047	rBV3	708960	1311498	16.99%	1.165%
85	21.010	3074	3081	3085	rBV2	5045383	7388674	95.69%	6.561%
86	21.045	3085	3087	3096	rVB	857325	1126166	14.59%	1.000%
87	21.221	3113	3117	3122	rBV	639434	725008	9.39%	0.644%
88	21.639	3184	3188	3195	rBV	966523	1192964	15.45%	1.059%
89	22.074	3258	3262	3267	rVB	912362	1103746	14.30%	0.980%
90	22.280	3294	3297	3305	rVB3	352595	458517	5.94%	0.407%
91	22.498	3329	3334	3338	rBV	739060	1534627	19.88%	1.363%
92	22.545	3338	3342	3345	rVV2	1451171	2174711	28.17%	1.931%
93	22.574	3345	3347	3356	rVB2	730512	1029547	13.33%	0.914%
94	22.933	3404	3408	3411	rBV	378050	591368	7.66%	0.525%
95	22.980	3411	3416	3421	rVV	3495455	5595688	72.47%	4.969%
96	23.068	3427	3431	3434	rBV	713193	1100803	14.26%	0.977%
97	23.109	3434	3438	3444	rVB	3272418	5419447	70.19%	4.812%
98	23.662	3527	3532	3538	rVB	1184593	2004005	25.95%	1.779%
99	23.727	3539	3543	3549	rVB	385434	603758	7.82%	0.536%
100	25.139	3777	3783	3794	rVB4	748702	2191805	28.39%	1.946%

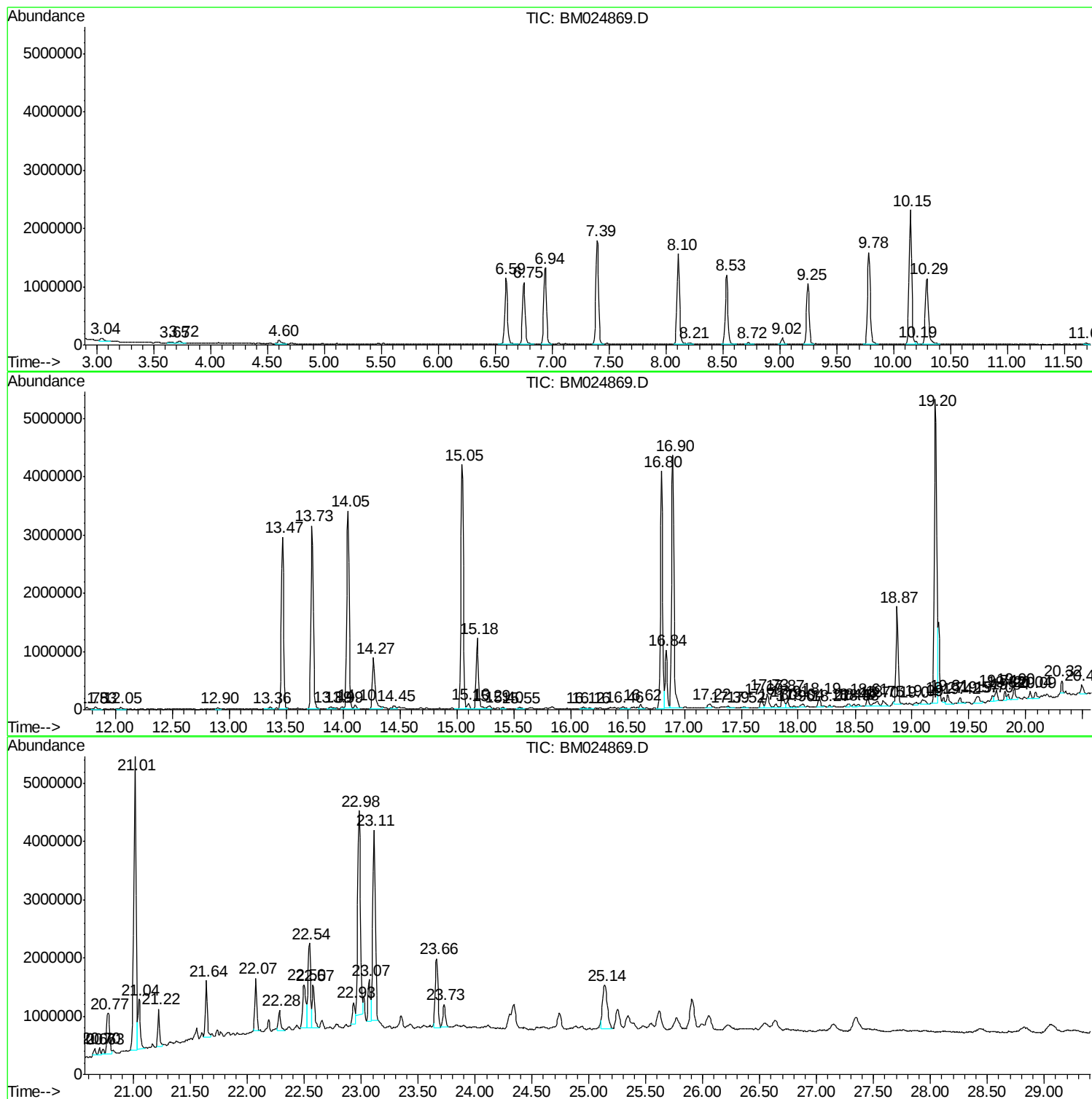
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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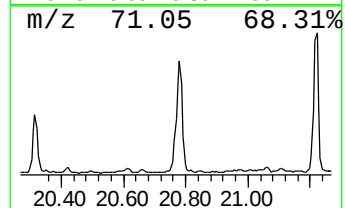
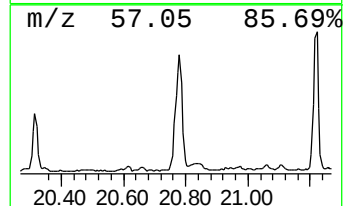
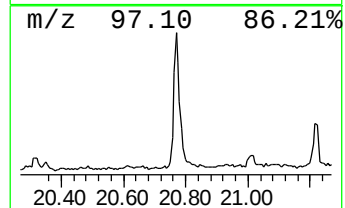
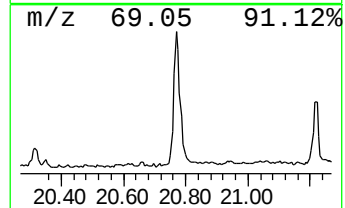
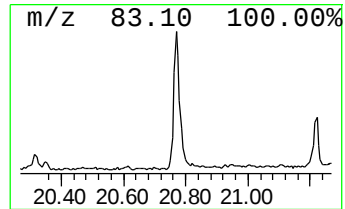
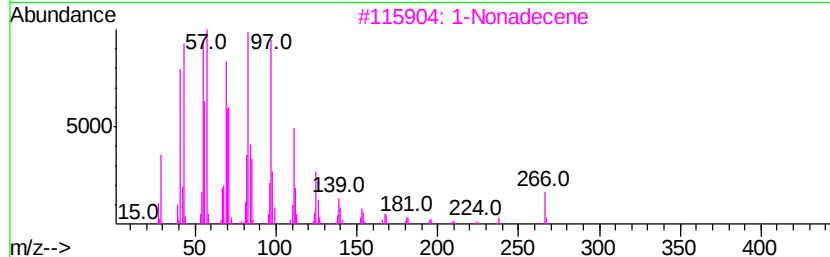
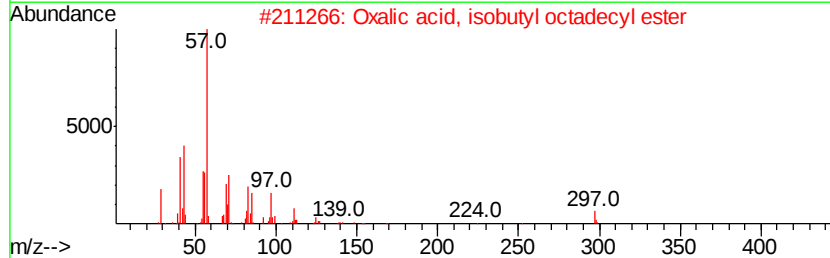
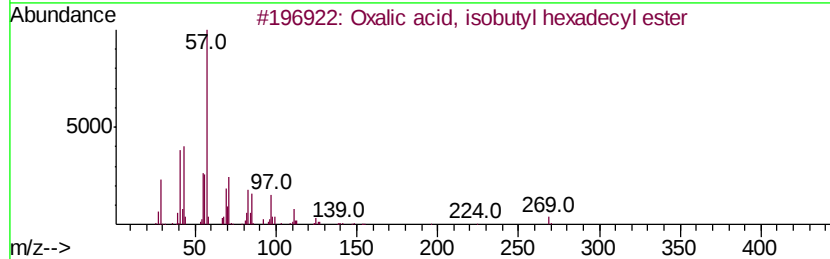
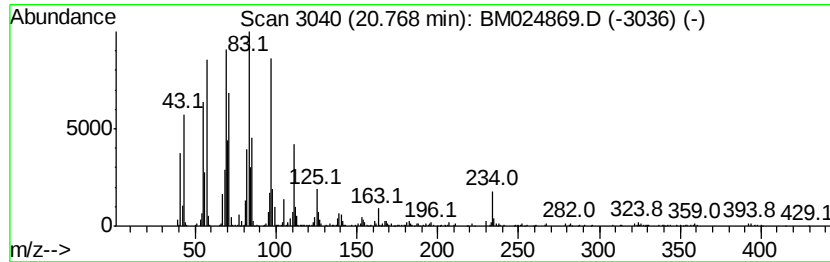
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Oxalic acid, isobutyl hexadecyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.77	3.55 ng/ul	1311500	Chrysene-d12	21.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87	
2	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87	
3	1-Nonadecene	266	C19H38	018435-45-5	86	
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	64	
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	64	



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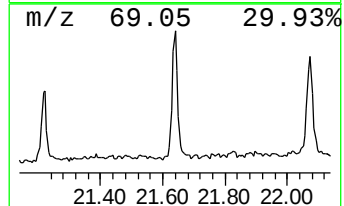
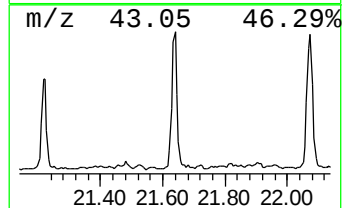
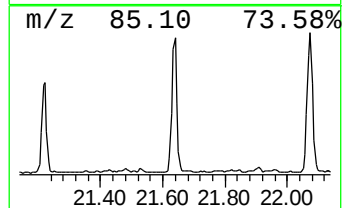
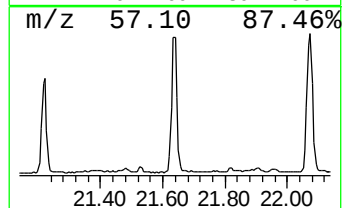
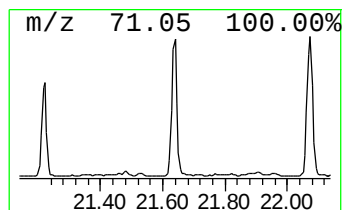
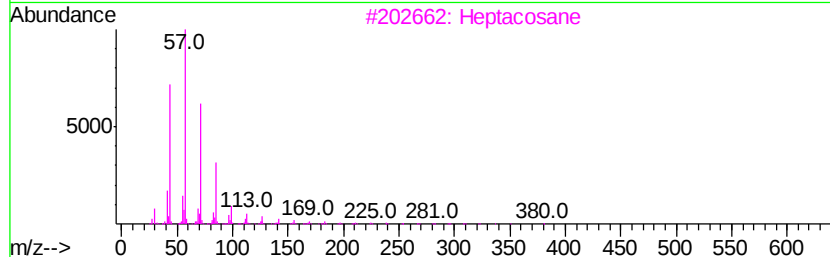
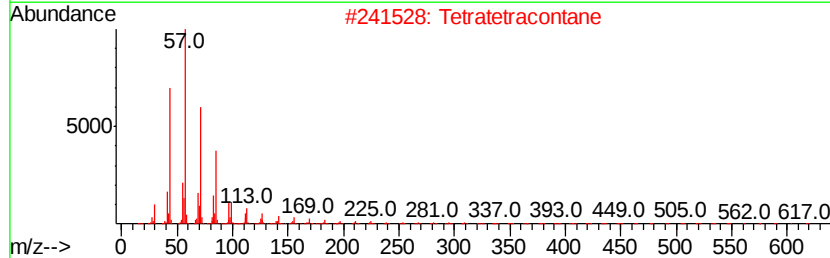
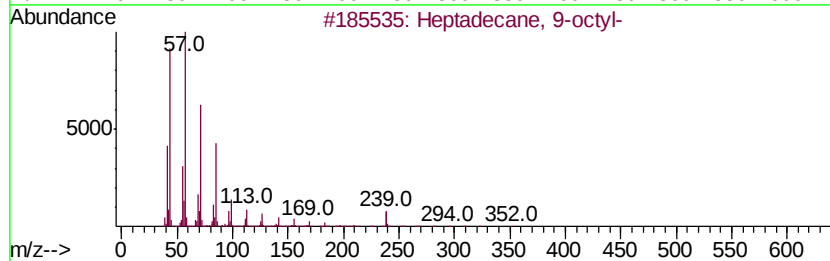
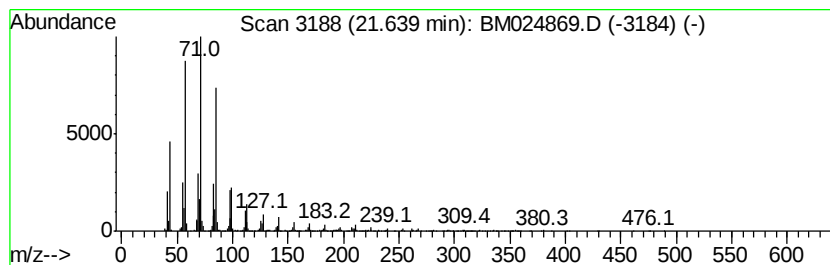
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	3.23 ng/ul	1192960	Chrysene-d12	21.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



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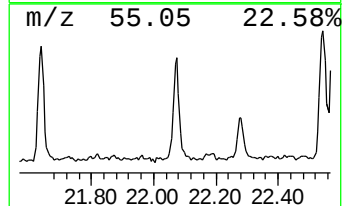
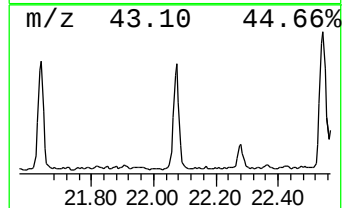
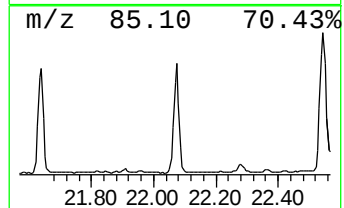
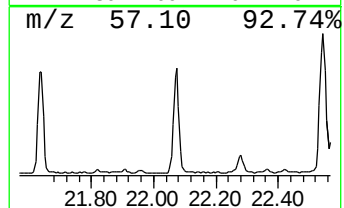
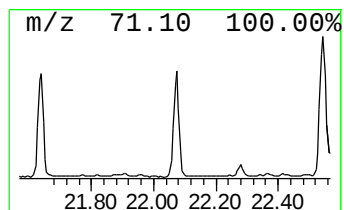
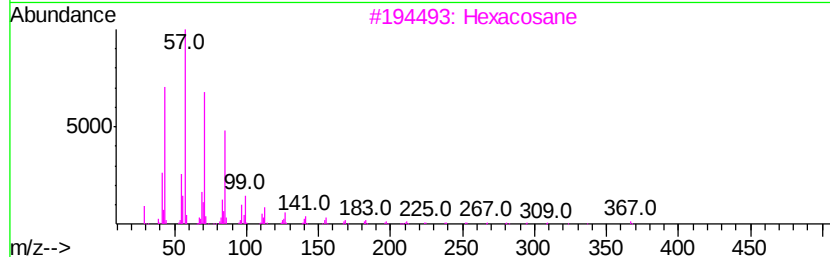
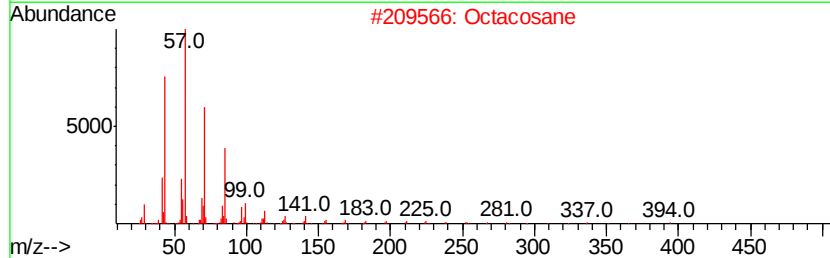
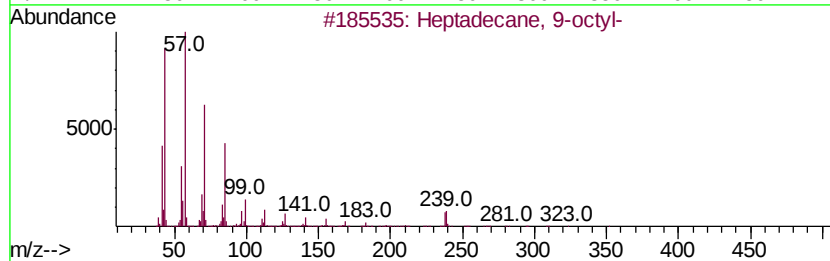
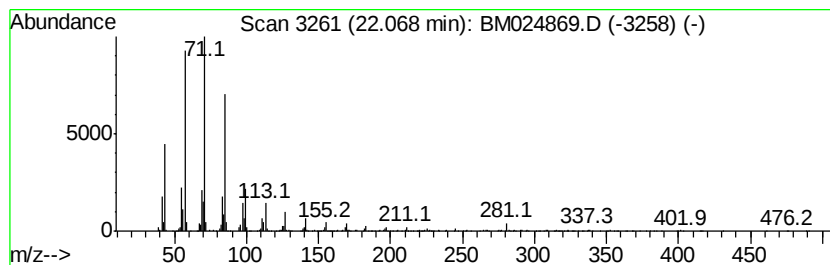
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	4.07 ng/ul	1103750	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024869.D
Acq On : 13 Feb 2020 23:27
Operator : CG/JU
Sample : L1404-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6N6

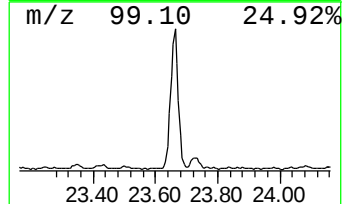
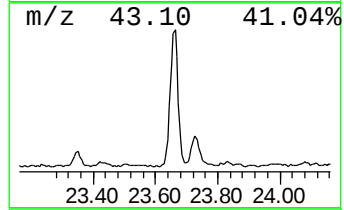
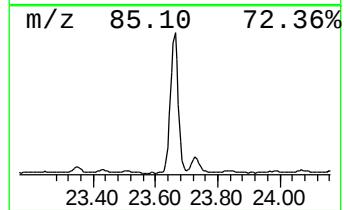
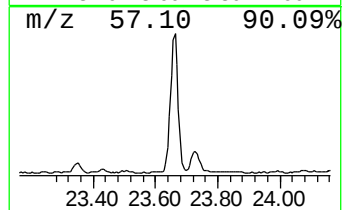
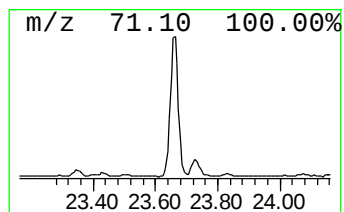
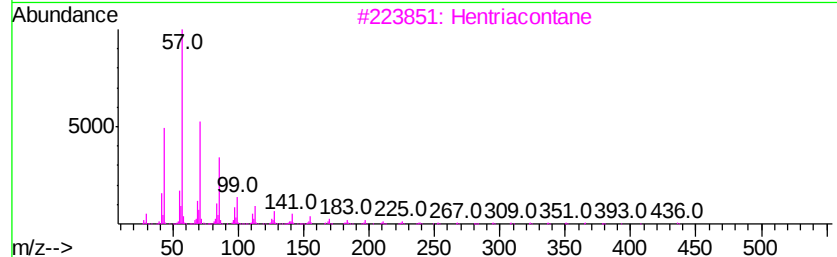
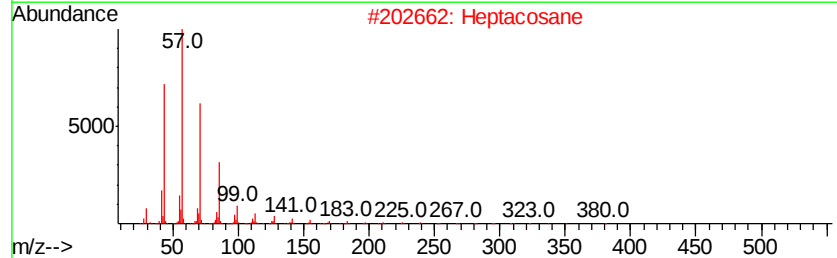
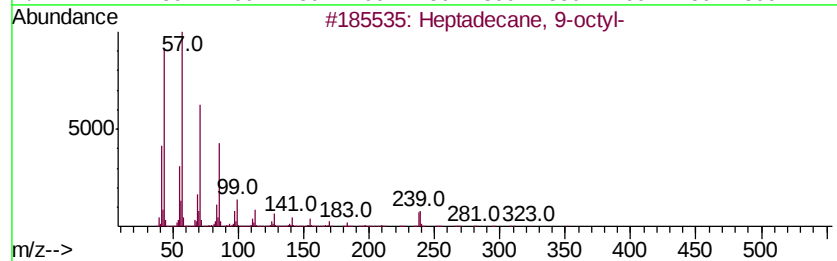
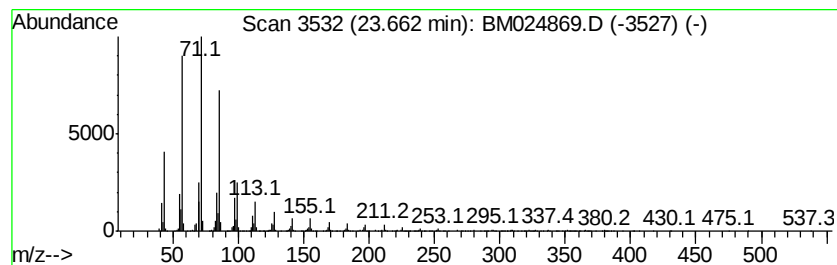
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	7.40 ng/ul	2004010	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Heptacosane	380	C27H56	000593-49-7	93
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024869.D
Acq On : 13 Feb 2020 23:27
Operator : CG/JU
Sample : L1404-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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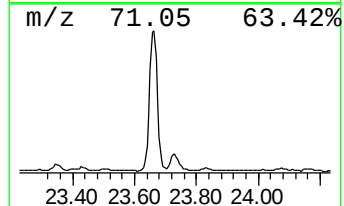
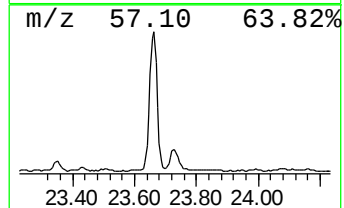
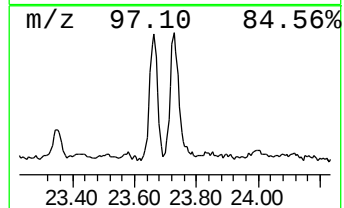
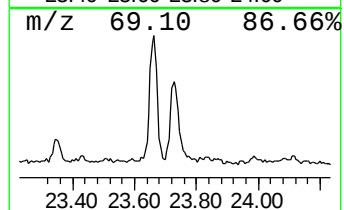
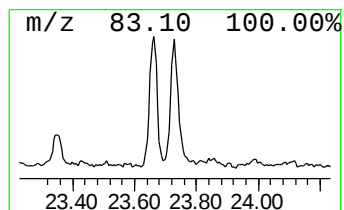
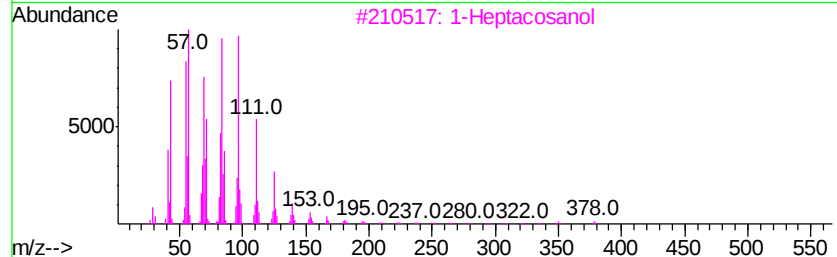
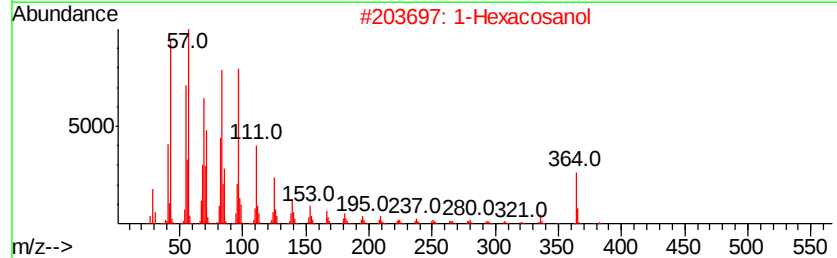
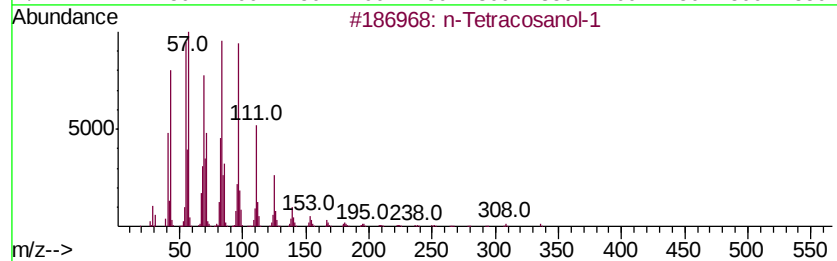
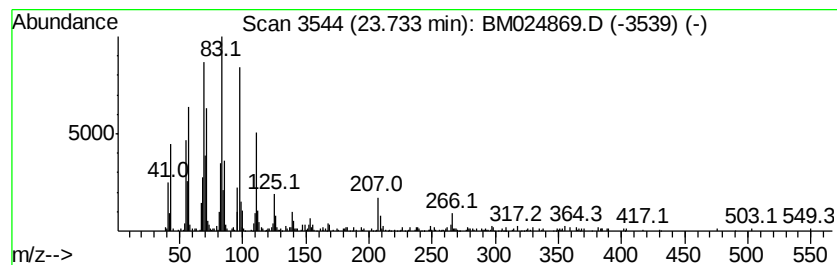
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.23 ng/ul	603758	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2		1-Hexacosanol	382	C26H54O	000506-52-5	90
3		1-Heptacosanol	396	C27H56O	002004-39-9	87
4		1-Nonadecene	266	C19H38	018435-45-5	86
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024869.D
Acq On : 13 Feb 2020 23:27
Operator : CG/JU
Sample : L1404-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6N6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
Oxalic acid, isob...	20.77	3.5	ng/ul	1311500	5	21.01	7388670	20.0
(DEL) Alkane: Str...	21.64	3.2	ng/ul	1192960	5	21.01	7388670	20.0
(DEL) Alkane: Str...	22.07	4.1	ng/ul	1103750	6	23.11	5419450	20.0
(DEL) Alkane: Str...	23.66	7.4	ng/ul	2004010	6	23.11	5419450	20.0
n-Tetracosanol-1	23.73	2.2	ng/ul	603758	6	23.11	5419450	20.0