

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
 Data File : BM021396.D
 Acq On : 05 Jul 2019 14:38
 Operator : HP/JU
 Sample : K3675-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AF7

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-BM061419MA.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	3.269	46	48	57	rVB	41194	61021	1.02%	0.088%
2	6.922	663	669	681	rVB	919425	1538673	25.76%	2.221%
3	7.087	691	697	708	rBV	683370	1066874	17.86%	1.540%
4	7.275	723	729	741	rVB	937226	1516264	25.38%	2.189%
5	7.740	802	808	815	rBV	694084	1127303	18.87%	1.627%
6	7.799	815	818	825	rVB	34151	52818	0.88%	0.076%
7	8.452	922	929	943	rVB	1265123	2021583	33.84%	2.918%
8	8.904	999	1006	1019	rBV	953221	1611872	26.98%	2.327%
9	9.057	1027	1032	1036	rVB5	10680	16306	0.27%	0.024%
10	9.263	1062	1067	1072	rVB2	23585	32032	0.54%	0.046%
11	9.622	1120	1128	1146	rVB	858774	1423197	23.82%	2.055%
12	9.857	1165	1168	1176	rVB6	5079	11730	0.20%	0.017%
13	10.157	1212	1219	1230	rBV	1361624	2360119	39.51%	3.407%
14	10.381	1254	1257	1260	rVB3	6130	8802	0.15%	0.013%
15	10.528	1272	1282	1291	rBV	1109802	1864549	31.21%	2.692%
16	10.675	1300	1307	1320	rBV	1180977	2182966	36.54%	3.151%
17	10.998	1358	1362	1367	rVB4	6753	11092	0.19%	0.016%
18	11.081	1372	1376	1380	rBV3	8104	12012	0.20%	0.017%
19	11.322	1412	1417	1423	rVB5	7316	15273	0.26%	0.022%
20	11.481	1436	1444	1449	rBV4	5913	10268	0.17%	0.015%
21	12.122	1549	1553	1562	rVB2	21475	33602	0.56%	0.049%
22	12.675	1640	1647	1652	rVB5	12035	17224	0.29%	0.025%
23	12.722	1652	1655	1664	rVB5	3948	9197	0.15%	0.013%
24	12.987	1694	1700	1703	rVB4	7359	11395	0.19%	0.016%
25	13.145	1723	1727	1731	rBV2	6896	9460	0.16%	0.014%
26	13.192	1731	1735	1738	rVB3	5623	7271	0.12%	0.010%
27	13.286	1745	1751	1757	rBV2	28494	42062	0.70%	0.061%
28	13.345	1757	1761	1765	rVB3	5039	6772	0.11%	0.010%
29	13.798	1829	1838	1843	rBV	2549566	3583735	59.99%	5.174%
30	13.845	1843	1846	1855	rVB	590917	780722	13.07%	1.127%
31	14.028	1872	1877	1880	rBV	150556	201216	3.37%	0.290%
32	14.081	1880	1886	1893	rVV	3042562	4538516	75.97%	6.552%
33	14.134	1893	1895	1903	rVB4	15436	23352	0.39%	0.034%
34	14.275	1915	1919	1921	rVB3	6392	7693	0.13%	0.011%

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35	14.386	1931	1938	1949	rBV2	1893744	2843506	47.60%	4.105%
36	14.610	1968	1976	1994	rBV	685483	1253115	20.98%	1.809%
37	14.804	2005	2009	2010	rBV3	8548	11139	0.19%	0.016%
38	14.904	2020	2026	2031	rVB7	9344	18271	0.31%	0.026%
39	15.086	2051	2057	2063	rBV2	35110	54388	0.91%	0.079%
40	15.175	2066	2072	2075	rBV2	12015	15823	0.26%	0.023%
41	15.222	2075	2080	2085	rVB3	24538	36244	0.61%	0.052%
42	15.380	2101	2107	2120	rBV	3957822	5661757	94.77%	8.173%
43	15.516	2124	2130	2141	rVV	829324	1163063	19.47%	1.679%
44	15.622	2143	2148	2153	rVB	47576	66342	1.11%	0.096%
45	15.675	2153	2157	2161	rBV5	6193	9265	0.16%	0.013%
46	15.751	2163	2170	2179	rBV	769929	1002566	16.78%	1.447%
47	16.051	2214	2221	2224	rBV3	13834	23663	0.40%	0.034%
48	16.092	2224	2228	2235	rVV6	11088	18665	0.31%	0.027%
49	16.163	2237	2240	2245	rVV2	14077	20308	0.34%	0.029%
50	16.257	2252	2256	2264	rVB4	17336	30965	0.52%	0.045%
51	16.333	2264	2269	2273	rBV5	6603	11126	0.19%	0.016%
52	16.492	2292	2296	2298	rBV4	4700	6520	0.11%	0.009%
53	16.533	2302	2303	2308	rVB5	6906	7814	0.13%	0.011%
54	16.816	2347	2351	2353	rBV4	5765	9083	0.15%	0.013%
55	16.886	2359	2363	2365	rVB4	6701	7848	0.13%	0.011%
56	16.922	2365	2369	2380	rVB4	12402	32129	0.54%	0.046%
57	17.039	2384	2389	2396	rVB6	4535	10280	0.17%	0.015%
58	17.139	2396	2406	2412	rBV2	2355779	3452540	57.79%	4.984%
59	17.233	2416	2422	2430	rBV2	4081444	5752223	96.28%	8.304%
60	17.416	2449	2453	2457	rBV4	7387	10153	0.17%	0.015%
61	17.527	2469	2472	2476	rBV6	5473	7513	0.13%	0.011%
62	17.721	2501	2505	2510	rBV5	3739	7533	0.13%	0.011%
63	17.798	2513	2518	2523	rBV	403495	495698	8.30%	0.716%
64	17.898	2532	2535	2540	rBV6	7324	9569	0.16%	0.014%
65	18.027	2551	2557	2565	rBV	342945	500543	8.38%	0.723%
66	18.098	2567	2569	2574	rVB	41418	55484	0.93%	0.080%
67	18.280	2596	2600	2603	rBV2	28139	34482	0.58%	0.050%
68	18.321	2603	2607	2612	rVB4	18373	25306	0.42%	0.037%
69	18.951	2711	2714	2719	rBV2	22820	27959	0.47%	0.040%
70	19.098	2736	2739	2743	rBV5	8376	10670	0.18%	0.015%
71	19.168	2747	2751	2756	rBV	42206	71325	1.19%	0.103%

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72	19.304	2770	2774	2785	rBV	111273	183718	3.08%	0.265%
73	19.421	2790	2794	2796	rVV	35738	49452	0.83%	0.071%
74	19.457	2796	2800	2806	rVV	210869	246145	4.12%	0.355%
75	19.533	2807	2813	2823	rVV	4457593	5974207	100.00%	8.624%
76	20.504	2974	2978	2984	rBV	191288	211140	3.53%	0.305%
77	20.562	2985	2988	2991	rVV2	35841	40624	0.68%	0.059%
78	21.033	3064	3068	3077	rBV2	358220	654531	10.96%	0.945%
79	21.104	3078	3080	3085	rVB	74962	90249	1.51%	0.130%
80	21.321	3112	3117	3124	rBV	2285958	3015835	50.48%	4.354%
81	21.462	3138	3141	3145	rVB3	103298	108120	1.81%	0.156%
82	21.509	3147	3149	3156	rVB2	105167	108638	1.82%	0.157%
83	21.898	3213	3215	3219	rVB2	130300	133378	2.23%	0.193%
84	22.168	3258	3261	3267	rVB2	149676	178662	2.99%	0.258%
85	22.362	3291	3294	3303	rBV2	213972	295368	4.94%	0.426%
86	22.874	3378	3381	3388	rVB	243678	327691	5.49%	0.473%
87	23.445	3472	3478	3490	rVB	3129204	5621495	94.10%	8.115%
88	23.592	3496	3503	3511	rVB2	1566846	3039194	50.87%	4.387%

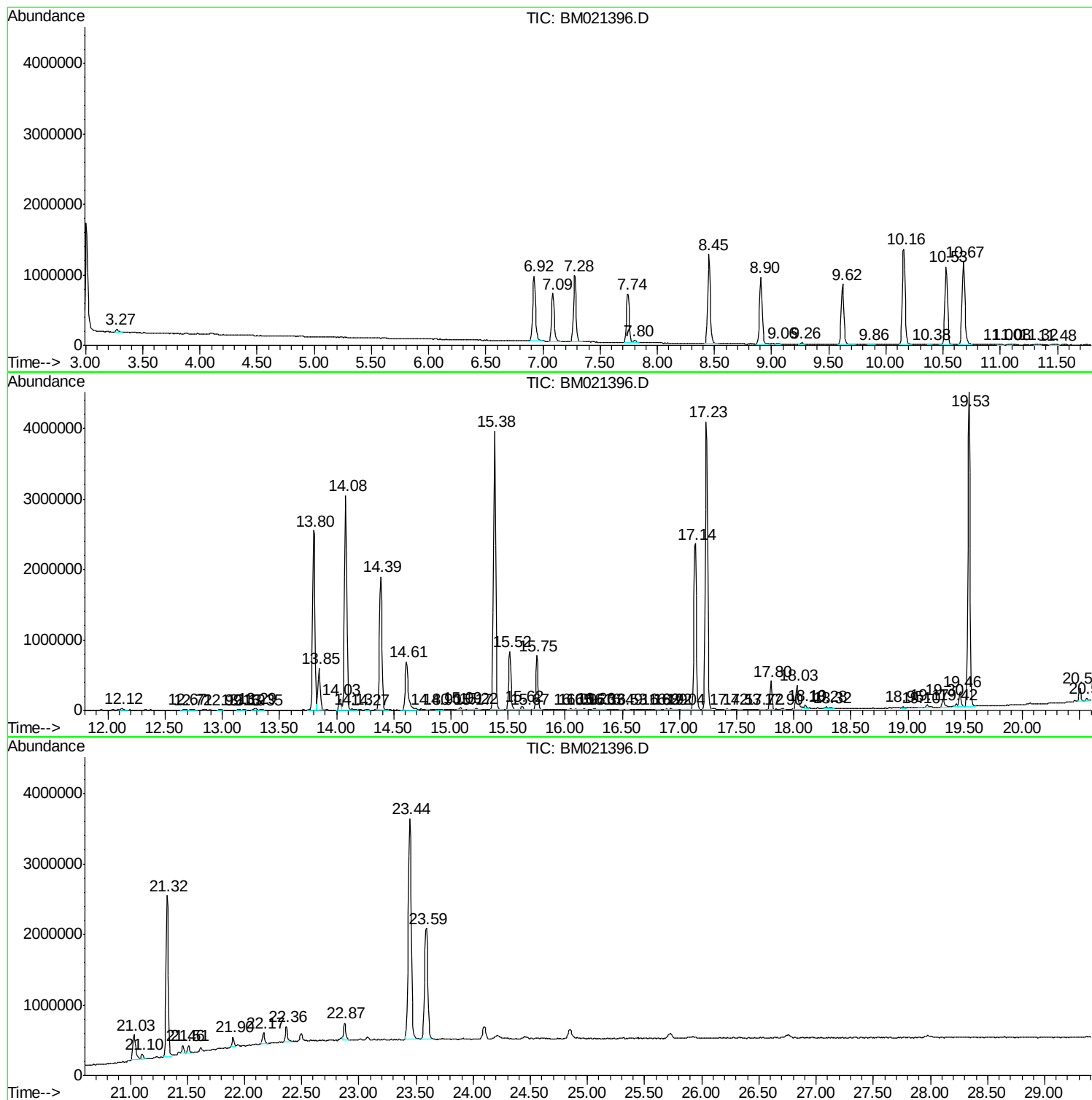
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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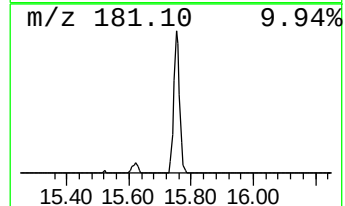
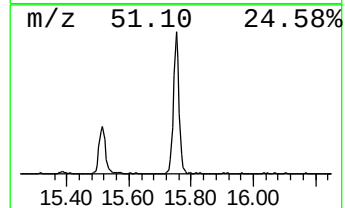
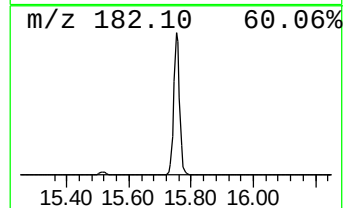
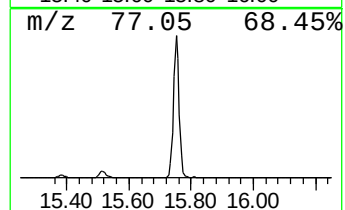
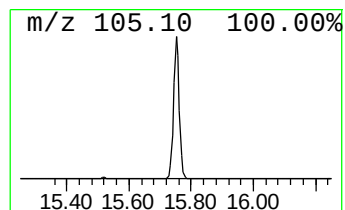
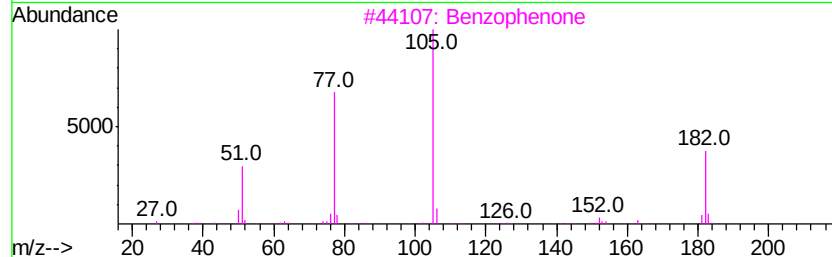
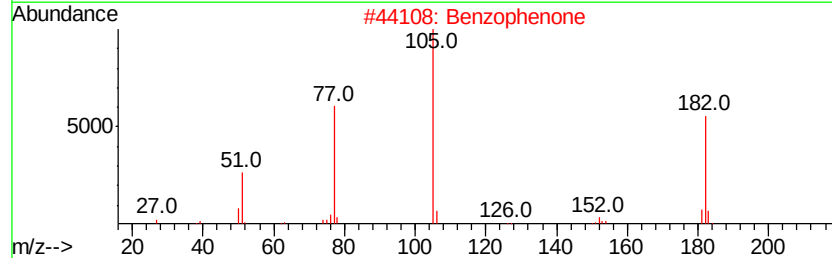
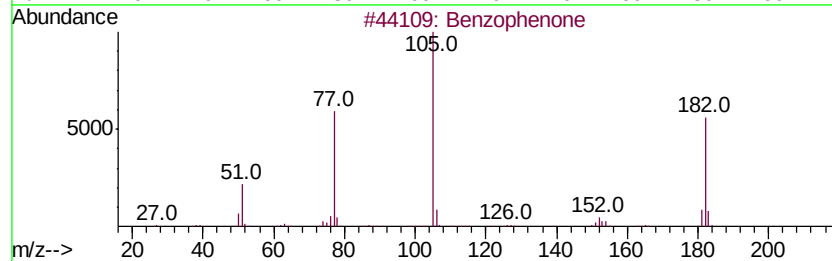
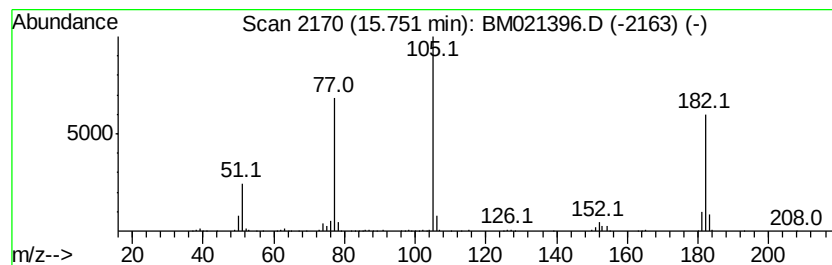
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	7.05 ng/ul	1002570	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzophenone	182 C13H10O	000119-61-9	96
2	Benzophenone	182 C13H10O	000119-61-9	96
3	Benzophenone	182 C13H10O	000119-61-9	95
4	Benzophenone	182 C13H10O	000119-61-9	95
5	Benzophenone	182 C13H10O	000119-61-9	90



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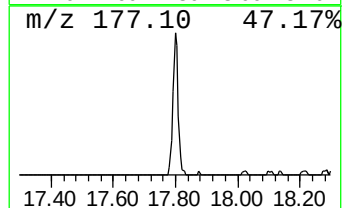
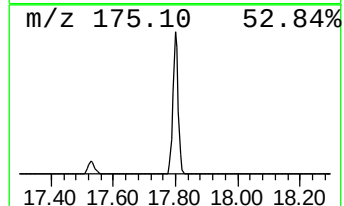
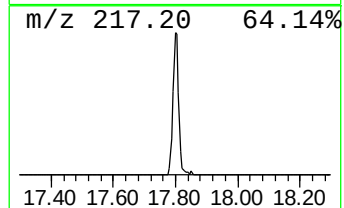
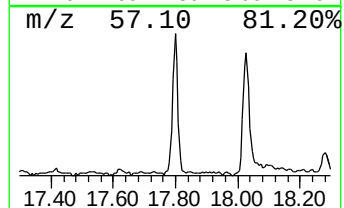
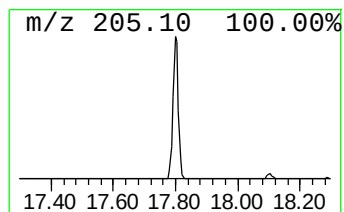
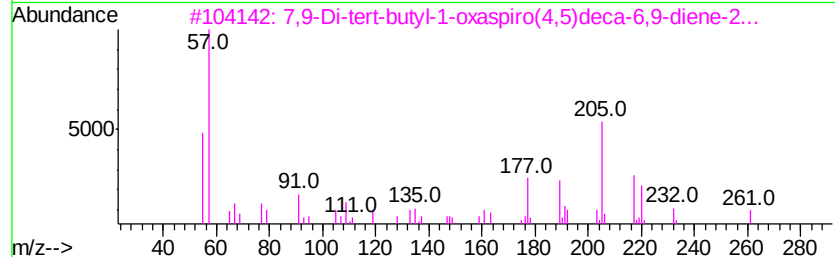
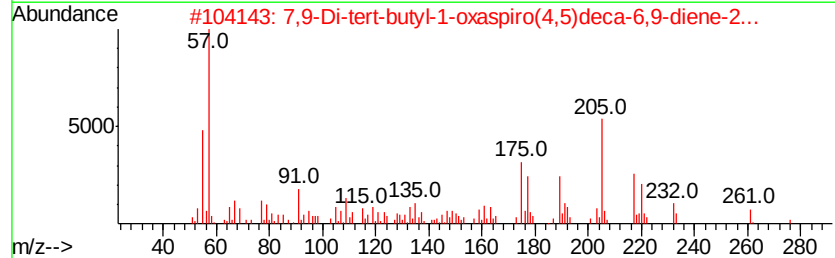
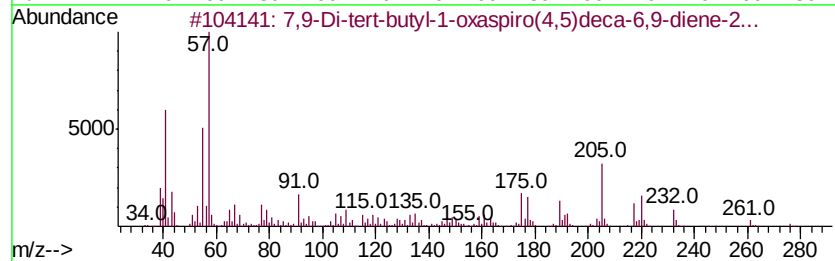
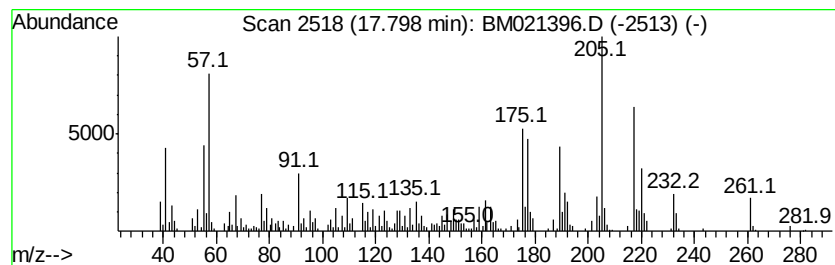
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.87 ng/ul	495698	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3			7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4			2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49
5			Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46



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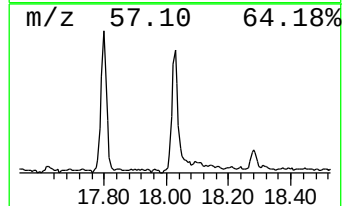
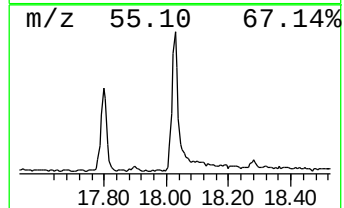
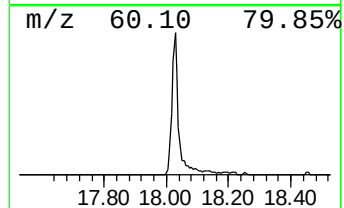
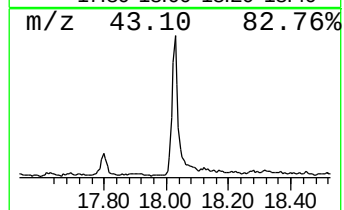
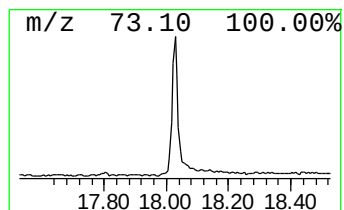
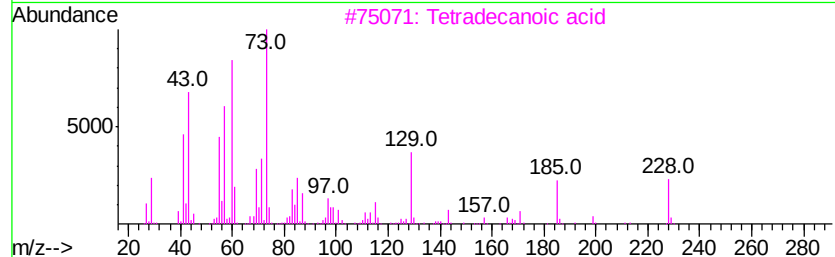
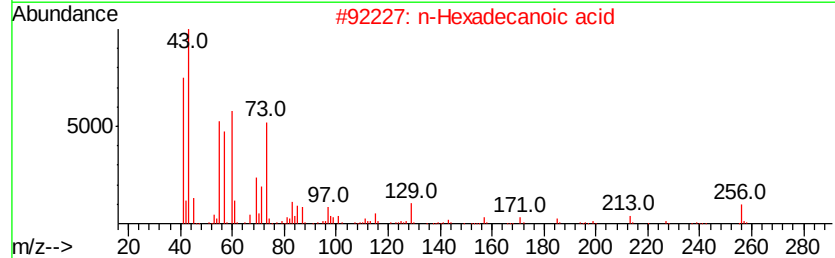
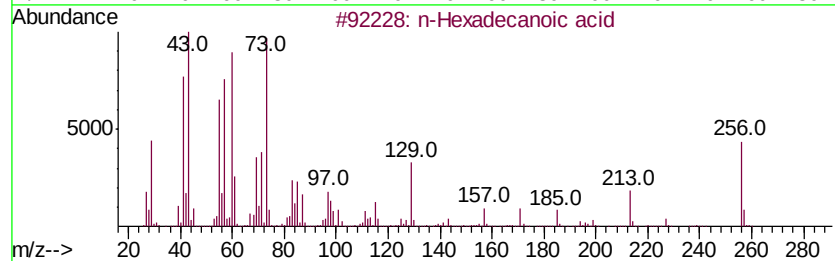
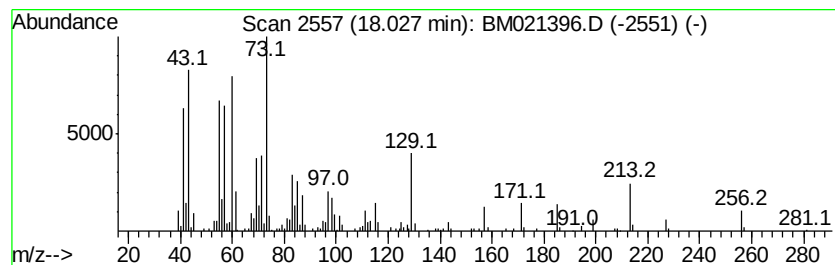
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.03	2.90 ng/ul	500543	Phenanthrene-d10	17.14		
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	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70	



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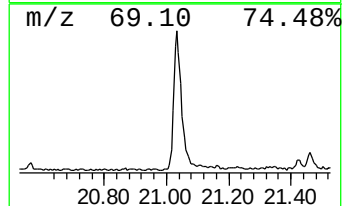
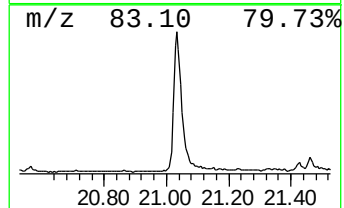
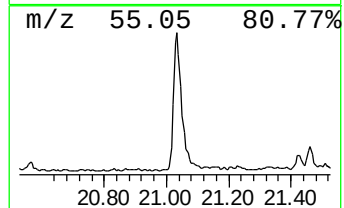
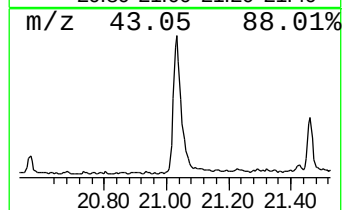
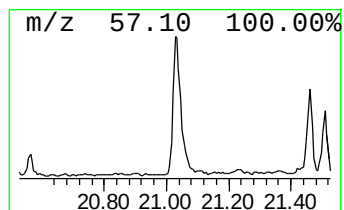
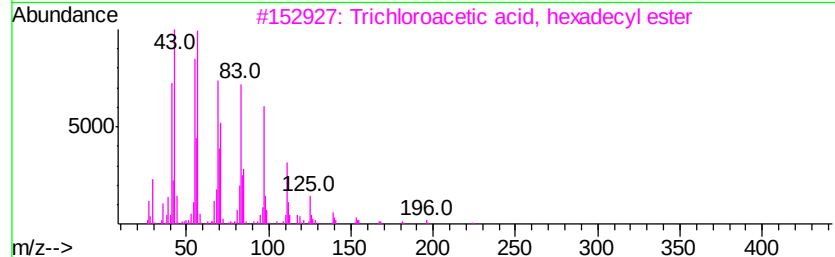
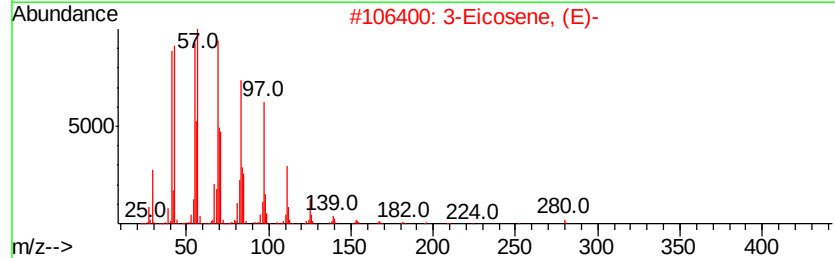
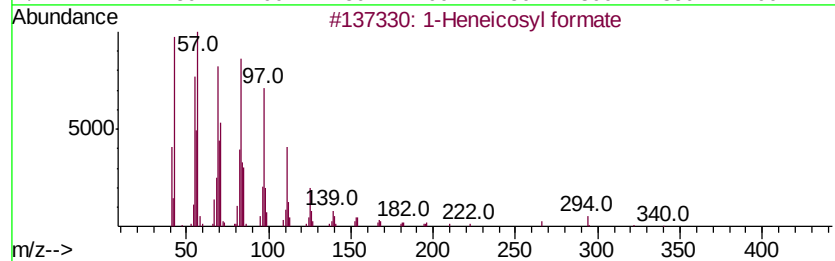
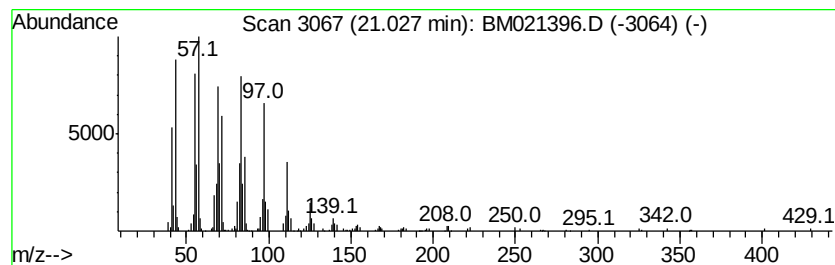
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	4.34 ng/ul	654531	Chrysene-d12	21.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
2	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
3	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
4	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	90
5	1-Nonadecanol		284	C19H40O	001454-84-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021396.D
Acq On : 05 Jul 2019 14:38
Operator : HP/JU
Sample : K3675-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AF7

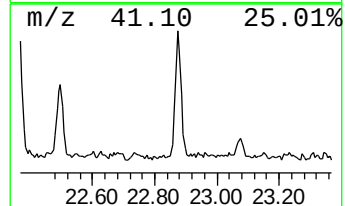
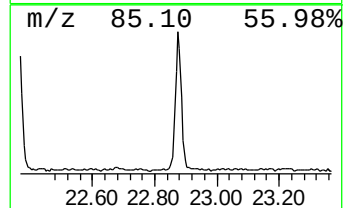
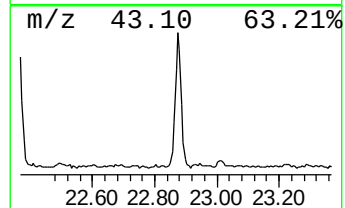
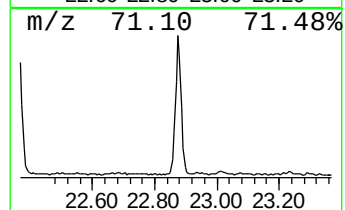
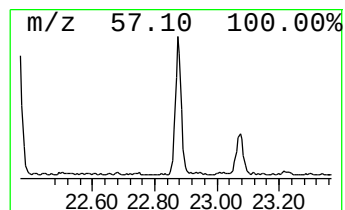
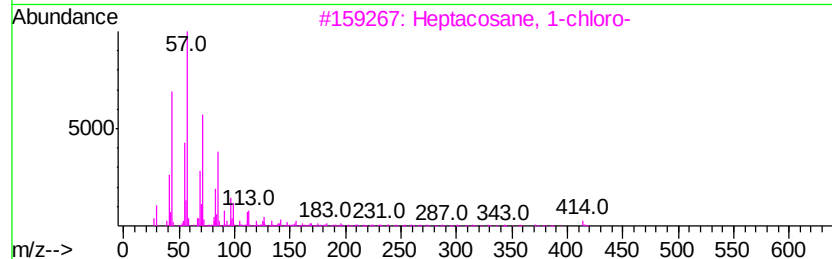
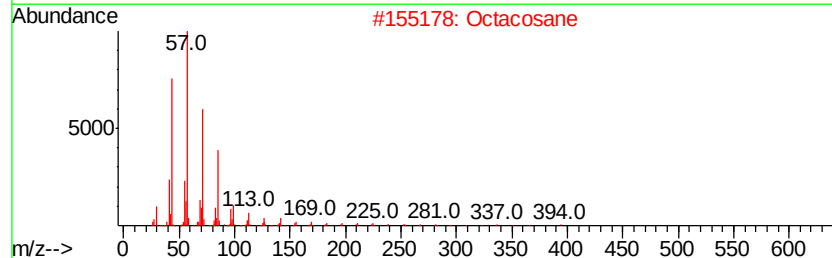
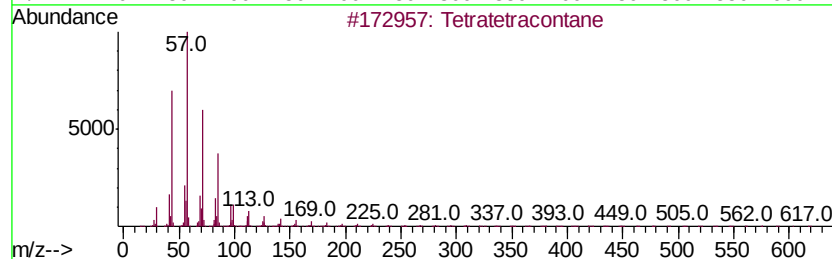
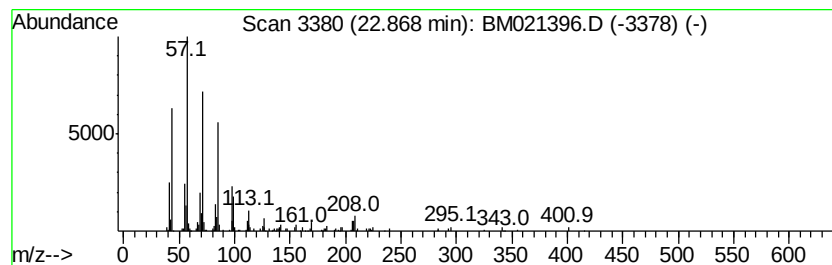
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.16 ng/ul	327691	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4		Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070519\
Data File : BM021396.D
Acq On : 05 Jul 2019 14:38
Operator : HP/JU
Sample : K3675-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AF7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Benzophenone	15.75	7.0	ng/ul	1002570	3	14.39	2843510	20.0
7,9-Di-tert-butyl...	17.80	2.9	ng/ul	495698	4	17.14	3452540	20.0
n-Hexadecanoic acid	18.03	2.9	ng/ul	500543	4	17.14	3452540	20.0
1-Heneicosyl formate	21.03	4.3	ng/ul	654531	5	21.32	3015840	20.0
(DEL) Alkane: Str...	22.87	2.2	ng/ul	327691	6	23.59	3039190	20.0