

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM025011.D
 Acq On : 22 Feb 2020 05:45
 Operator : CG/JU
 Sample : L1507-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD07

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	2.940	6	9	18	rVB	59770	75345	1.20%	0.127%
2	3.857	162	165	170	rVB4	11932	18166	0.29%	0.031%
3	4.257	231	233	238	rVB6	6604	7728	0.12%	0.013%
4	4.534	273	280	285	rVB3	9311	20519	0.33%	0.035%
5	6.539	614	621	636	rBV	701780	1205157	19.24%	2.032%
6	6.692	641	647	658	rVV	641965	1001580	15.99%	1.689%
7	6.875	672	678	696	rBV	827803	1326458	21.18%	2.237%
8	7.175	726	729	733	rBV3	8211	12722	0.20%	0.021%
9	7.334	750	756	766	rBV	598710	953024	15.22%	1.607%
10	7.434	766	773	778	rVB7	9924	21672	0.35%	0.037%
11	8.057	873	879	890	rBV	848098	1441825	23.02%	2.431%
12	8.475	943	950	960	rBV	716243	1178382	18.82%	1.987%
13	8.963	1030	1033	1040	rVB4	14066	22405	0.36%	0.038%
14	9.192	1065	1072	1085	rBV	599324	1014210	16.19%	1.710%
15	9.727	1155	1163	1183	rBV	951380	1708908	27.29%	2.882%
16	10.092	1218	1225	1238	rVB	841967	1376653	21.98%	2.322%
17	10.233	1243	1249	1268	rBV	719228	1462202	23.35%	2.466%
18	11.663	1487	1492	1495	rBV2	9419	15272	0.24%	0.026%
19	11.704	1495	1499	1505	rVB3	9563	20512	0.33%	0.035%
20	12.004	1545	1550	1557	rBV6	6155	13163	0.21%	0.022%
21	12.545	1637	1642	1644	rBV5	5753	9989	0.16%	0.017%
22	12.616	1649	1654	1658	rVV4	6227	11886	0.19%	0.020%
23	12.763	1675	1679	1686	rVB2	6838	11479	0.18%	0.019%
24	12.921	1699	1706	1722	rBV	1144034	1796135	28.68%	3.029%
25	13.245	1754	1761	1763	rBV5	5317	8482	0.14%	0.014%
26	13.315	1766	1773	1777	rBV5	2722	6839	0.11%	0.012%
27	13.363	1777	1781	1785	rBV4	8980	12667	0.20%	0.021%
28	13.421	1785	1791	1796	rVV	1834848	2530242	40.40%	4.267%
29	13.468	1796	1799	1812	rVB	264531	377318	6.03%	0.636%
30	13.680	1828	1835	1846	rBV	2164729	3165745	50.55%	5.339%
31	13.992	1882	1888	1895	rBV2	1347506	1954222	31.21%	3.296%
32	14.057	1895	1899	1904	rVB	24225	32888	0.53%	0.055%
33	14.227	1922	1928	1947	rBV	314046	787494	12.57%	1.328%
34	14.404	1954	1958	1963	rVV2	15018	25293	0.40%	0.043%

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35	14.445	1963	1965	1969	rVB4	7134	8352	0.13%	0.014%
36	14.727	2010	2013	2018	rBV3	6529	10383	0.17%	0.018%
37	14.845	2028	2033	2038	rVB5	6231	10544	0.17%	0.018%
38	14.909	2038	2044	2052	rBV6	9699	15747	0.25%	0.027%
39	14.998	2053	2059	2066	rBV	3007775	4015047	64.11%	6.771%
40	15.133	2076	2082	2086	rBV	701971	973167	15.54%	1.641%
41	15.174	2086	2089	2097	rVV	637151	829914	13.25%	1.400%
42	15.239	2097	2100	2106	rVV	41400	70313	1.12%	0.119%
43	15.309	2109	2112	2117	rVB	11230	15902	0.25%	0.027%
44	15.415	2127	2130	2134	rVB5	3992	6398	0.10%	0.011%
45	15.786	2188	2193	2198	rBV7	11303	20682	0.33%	0.035%
46	16.327	2283	2285	2290	rVB4	4783	7089	0.11%	0.012%
47	16.433	2300	2303	2309	rVB4	8043	11655	0.19%	0.020%
48	16.539	2316	2321	2322	rBV4	7370	7711	0.12%	0.013%
49	16.568	2322	2326	2331	rVB3	9538	15338	0.24%	0.026%
50	16.751	2350	2357	2362	rBV	1738262	2445677	39.05%	4.124%
51	16.792	2362	2364	2368	rVV	93748	107748	1.72%	0.182%
52	16.845	2368	2373	2389	rVB	2882469	4290879	68.52%	7.236%
53	17.027	2401	2404	2409	rVB5	10918	15251	0.24%	0.026%
54	17.103	2413	2417	2425	rVV2	61984	96421	1.54%	0.163%
55	17.186	2425	2431	2442	rVB2	96449	165087	2.64%	0.278%
56	17.386	2463	2465	2470	rBV5	5412	6649	0.11%	0.011%
57	17.474	2477	2480	2486	rVB4	7441	12848	0.21%	0.022%
58	17.627	2503	2506	2510	rBV5	7756	11482	0.18%	0.019%
59	17.698	2512	2518	2526	rBV	277609	453751	7.25%	0.765%
60	17.821	2535	2539	2542	rBV5	16642	24855	0.40%	0.042%
61	17.933	2556	2558	2561	rVB4	6606	6651	0.11%	0.011%
62	17.974	2561	2565	2570	rBV3	12510	26111	0.42%	0.044%
63	18.145	2591	2594	2596	rVB3	7213	8124	0.13%	0.014%
64	18.321	2621	2624	2629	rBV7	5908	9602	0.15%	0.016%
65	18.568	2661	2666	2673	rVV	227493	338558	5.41%	0.571%
66	18.645	2677	2679	2684	rVV4	19227	30321	0.48%	0.051%
67	18.697	2684	2688	2693	rVV3	17527	27113	0.43%	0.046%
68	18.792	2700	2704	2706	rBV	34644	49966	0.80%	0.084%
69	18.821	2706	2709	2715	rVV2	137432	190701	3.05%	0.322%
70	18.897	2718	2722	2725	rVV	84418	103373	1.65%	0.174%
71	18.992	2734	2738	2743	rBV2	131741	193085	3.08%	0.326%

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72	19.045	2744	2747	2757	rVB3	48248	84103	1.34%	0.142%
73	19.156	2760	2766	2776	rBV	4224193	5686632	90.80%	9.590%
74	19.774	2868	2871	2872	rBV3	23077	21849	0.35%	0.037%
75	20.092	2922	2925	2929	rBV2	26220	32375	0.52%	0.055%
76	20.727	3029	3033	3040	rBV	509932	667810	10.66%	1.126%
77	20.962	3068	3073	3084	rBV	2326470	3154442	50.37%	5.319%
78	21.174	3107	3109	3112	rVB3	94316	86173	1.38%	0.145%
79	21.591	3177	3180	3184	rBV	178430	188469	3.01%	0.318%
80	22.021	3250	3253	3262	rVB	240431	313303	5.00%	0.528%
81	22.485	3329	3332	3338	rVB	255410	328319	5.24%	0.554%
82	22.915	3398	3405	3415	rBV	3605488	6262512	100.00%	10.561%
83	23.003	3416	3420	3421	rVV	288803	369810	5.91%	0.624%
84	23.038	3421	3426	3440	rVB	1960877	3544350	56.60%	5.977%
85	23.585	3516	3519	3526	rVB	210753	300485	4.80%	0.507%

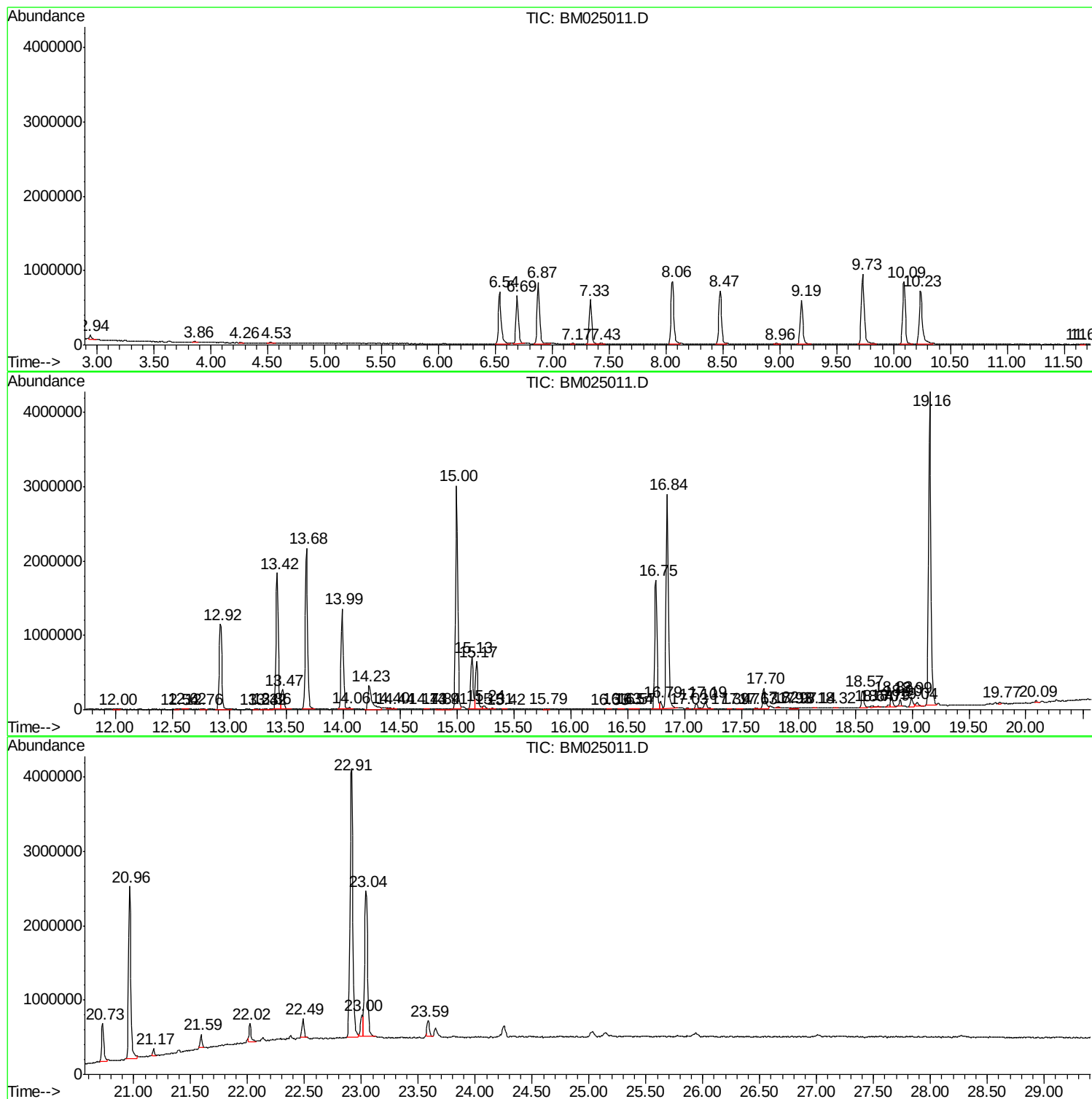
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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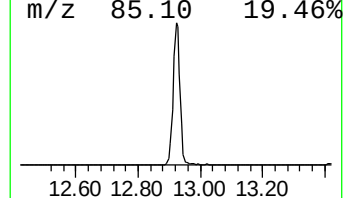
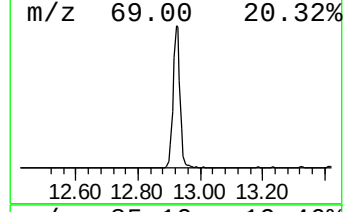
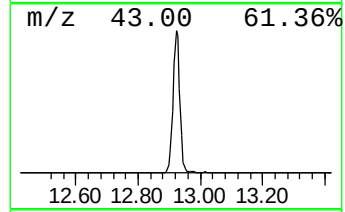
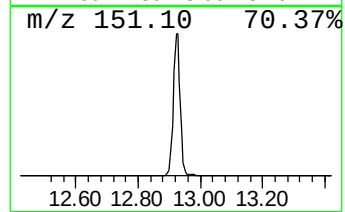
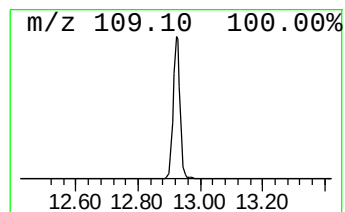
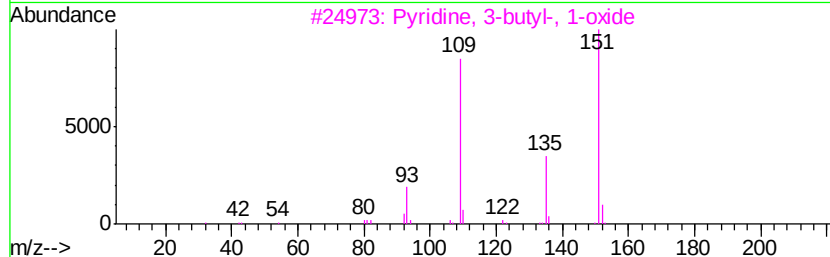
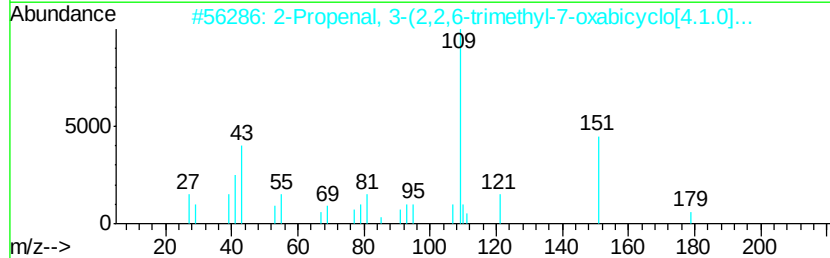
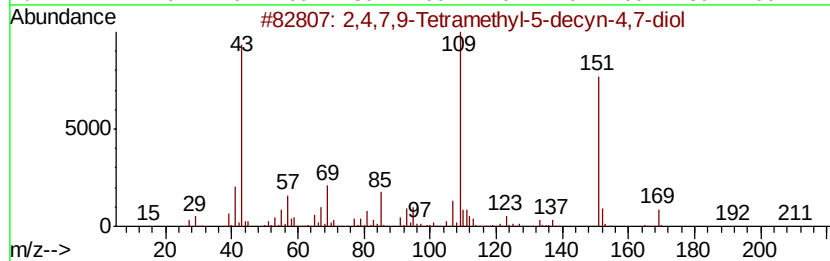
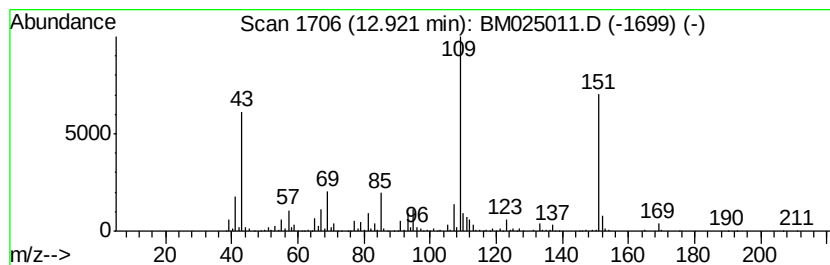
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.92	18.38 ng/ul	1796140	Acenaphthene-d10	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87	
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	45	
3	Pvridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	40	
4	2,3-Dehydro-1,8-cineole	152	C10H16O	092760-25-3	35	
5	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	35	



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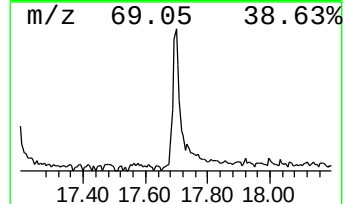
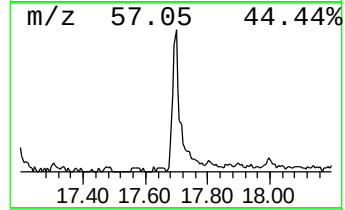
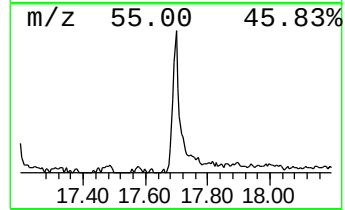
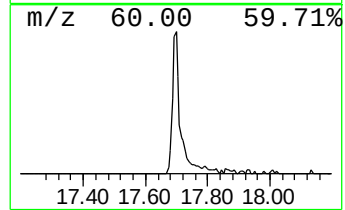
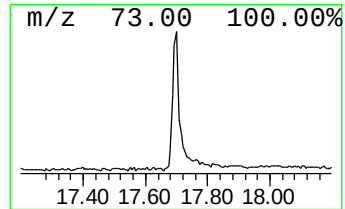
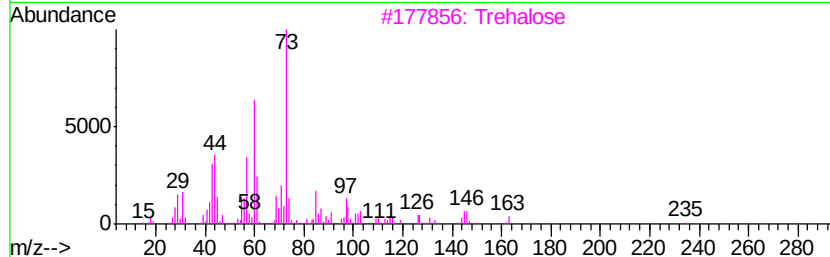
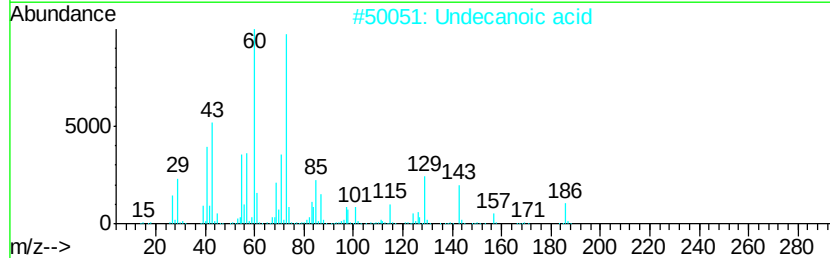
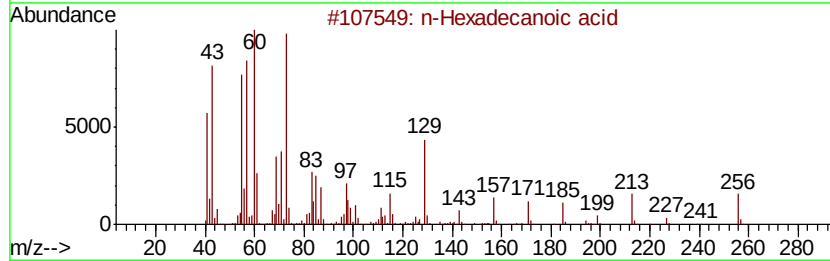
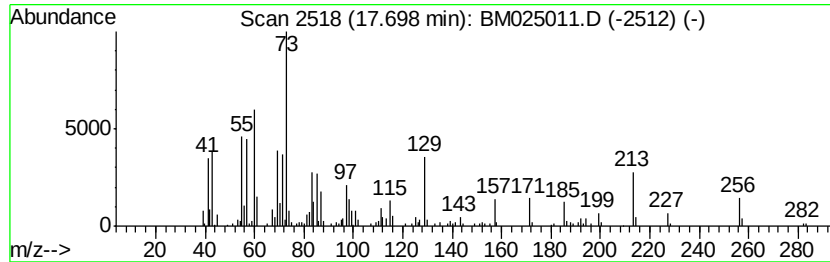
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.70	3.71 ng/ul	453751	Phenanthrene-d10	16.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	64
2	Undecanoic acid		186	C11H22O2	000112-37-8	50
3	Trehalose		342	C12H22O11	000099-20-7	47
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	46
5	Tridecanoic acid		214	C13H26O2	000638-53-9	46



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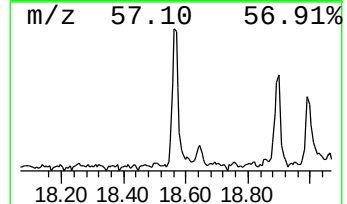
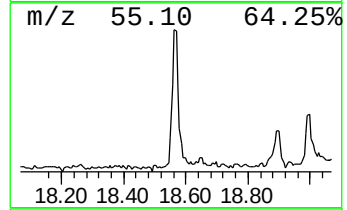
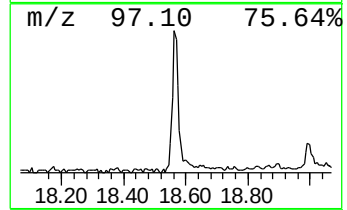
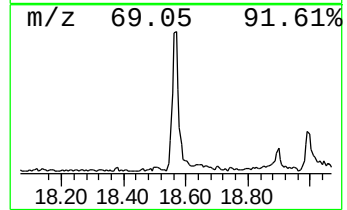
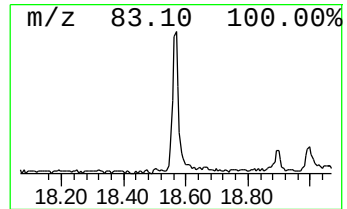
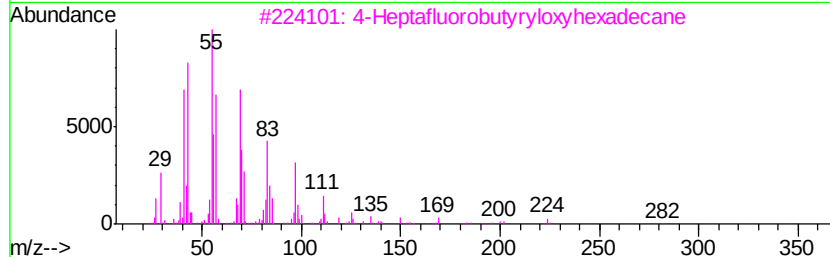
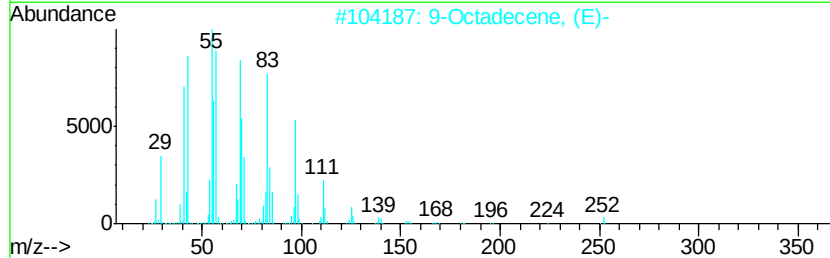
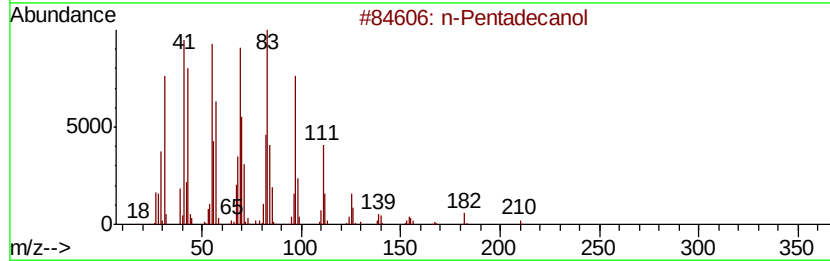
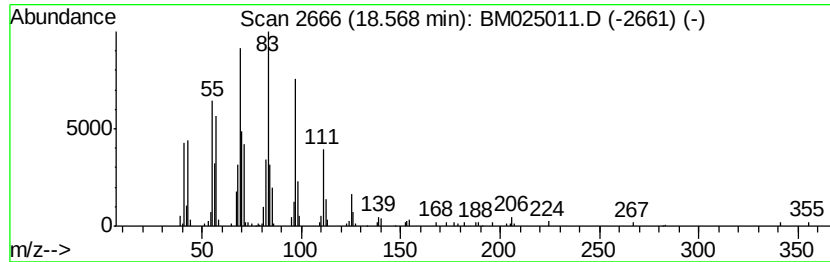
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Pentadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.77 ng/ul	338558	Phenanthrene-d10	16.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Pentadecanol	228	C15H32O	000629-76-5	91
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3		4-Heptafluorobutylrvloxyhexadecane	438	C20H33F7O2	1000282-97-2	90
4		n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5		3-Octadecene, (E)-	252	C18H36	007206-19-1	87



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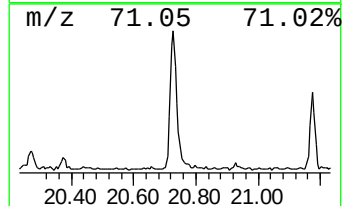
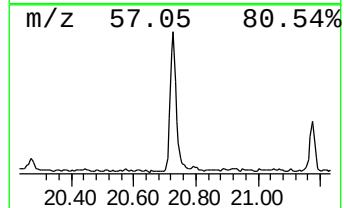
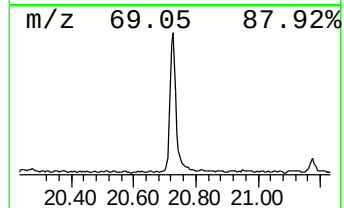
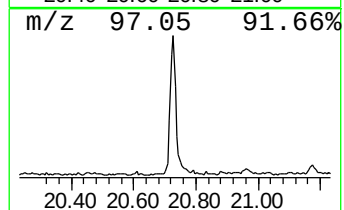
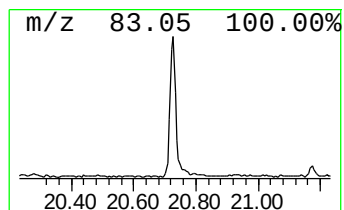
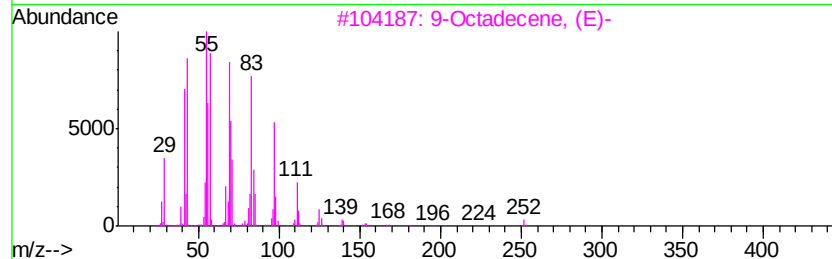
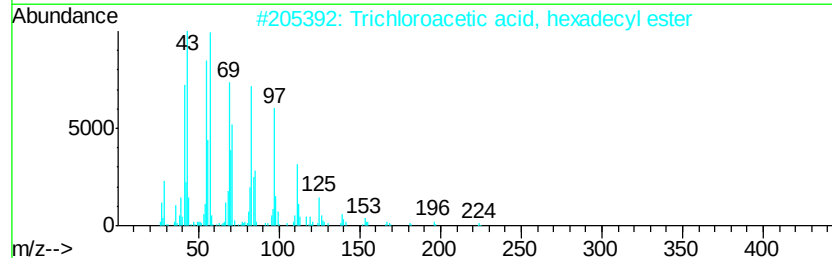
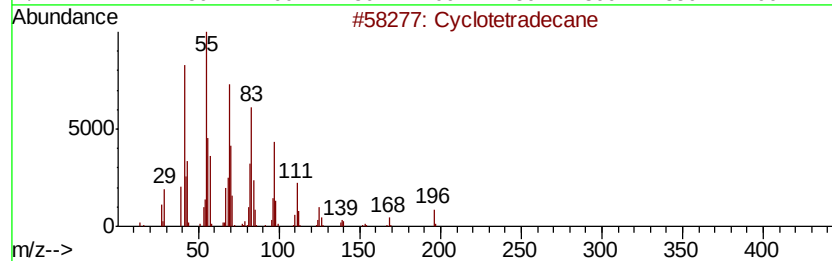
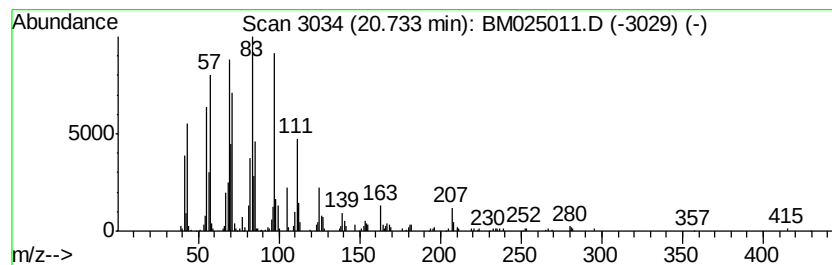
Instrument :
BNA_M
ClientSampleId :
DBD07

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 4 (DEL) Alkane: Cyclic20.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.73	4.23 ng/ul	667810	Chrysene-d12	20.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	93
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Data File : BM025011.D
Acq On : 22 Feb 2020 05:45
Operator : CG/JU
Sample : L1507-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD07

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
2,4,7,9-Tetrameth...	12.92	18.4	ng/ul	1796140	3	13.99	1954220	20.0
n-Hexadecanoic acid	17.70	3.7	ng/ul	453751	4	16.75	2445680	20.0
n-Pentadecanol	18.57	2.8	ng/ul	338558	4	16.75	2445680	20.0
(DEL) Alkane: Cyc...	20.73	4.2	ng/ul	667810	5	20.96	3154440	20.0