

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019855.D
 Acq On : 10 Apr 2019 07:36
 Operator : JU/SJ
 Sample : K2255-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC44

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	31	rBV	32346	45062	2.13%	0.215%
2	3.528	90	92	95	rBV3	4749	4217	0.20%	0.020%
3	3.622	103	108	112	rBV	27838	35357	1.67%	0.169%
4	3.981	167	169	171	rVB3	3142	2605	0.12%	0.012%
5	4.305	222	224	227	rVB4	3209	2120	0.10%	0.010%
6	4.416	241	243	247	rBV5	1620	2286	0.11%	0.011%
7	4.699	287	291	298	rVB3	6098	11904	0.56%	0.057%
8	4.757	298	301	306	rBV5	2270	4889	0.23%	0.023%
9	4.887	320	323	325	rBV3	2262	2783	0.13%	0.013%
10	4.957	331	335	338	rBV5	2418	3651	0.17%	0.017%
11	5.140	363	366	367	rBV3	2086	2148	0.10%	0.010%
12	6.216	543	549	558	rVB	134697	207245	9.78%	0.991%
13	6.481	590	594	597	rBV3	1476	2496	0.12%	0.012%
14	6.516	597	600	608	rVB4	8621	11917	0.56%	0.057%
15	6.751	634	640	651	rBV	161966	349176	16.47%	1.670%
16	6.910	662	667	682	rBV	150339	279377	13.18%	1.336%
17	7.093	691	698	711	rBV	242344	407960	19.25%	1.951%
18	7.551	768	776	787	rBV	487752	778104	36.71%	3.721%
19	7.622	787	788	792	rVV3	7059	7672	0.36%	0.037%
20	7.657	792	794	798	rVB3	2474	3291	0.16%	0.016%
21	7.745	803	809	816	rVB2	18196	30572	1.44%	0.146%
22	8.281	894	900	912	rBV2	189249	388560	18.33%	1.858%
23	8.728	970	976	993	rBV	181874	351009	16.56%	1.679%
24	9.040	1023	1029	1033	rBV2	8637	15176	0.72%	0.073%
25	9.240	1059	1063	1068	rBV4	7269	10923	0.52%	0.052%
26	9.440	1090	1097	1111	rBV	155890	306513	14.46%	1.466%
27	9.981	1183	1189	1204	rBV	169029	416170	19.64%	1.990%
28	10.098	1204	1209	1215	rVV5	13191	29187	1.38%	0.140%
29	10.139	1215	1216	1220	rVB3	3748	3211	0.15%	0.015%
30	10.328	1241	1248	1255	rBV	615080	1024434	48.33%	4.899%
31	10.387	1255	1258	1268	rVB3	31719	63522	3.00%	0.304%
32	10.510	1273	1279	1301	rBV	107735	324598	15.31%	1.552%
33	11.733	1482	1487	1489	rBV	1378	2141	0.10%	0.010%
34	11.951	1518	1524	1534	rVB3	2272	6860	0.32%	0.033%

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35	13.010	1700	1704	1708	rVB4	3281	4312	0.20%	0.021%
36	13.080	1713	1716	1721	rBV4	2027	3115	0.15%	0.015%
37	13.427	1770	1775	1780	rBV3	2261	2901	0.14%	0.014%
38	13.563	1795	1798	1802	rBV2	2358	3611	0.17%	0.017%
39	13.598	1802	1804	1805	rVV	3411	3038	0.14%	0.015%
40	13.639	1805	1811	1816	rVV	429419	643990	30.38%	3.080%
41	13.686	1816	1819	1831	rVB	116422	180348	8.51%	0.862%
42	13.910	1850	1857	1871	rBV	489593	761661	35.94%	3.642%
43	14.010	1871	1874	1879	rVB4	4919	6327	0.30%	0.030%
44	14.092	1886	1888	1891	rVB3	3547	3410	0.16%	0.016%
45	14.145	1891	1897	1902	rBV6	4862	10896	0.51%	0.052%
46	14.216	1903	1909	1919	rVV2	855712	1269704	59.91%	6.072%
47	14.280	1919	1920	1922	rVB	3889	2167	0.10%	0.010%
48	14.522	1955	1961	1972	rBV2	42345	138685	6.54%	0.663%
49	14.645	1981	1982	1988	rVB5	6102	8544	0.40%	0.041%
50	14.716	1988	1994	2001	rVB7	6413	16621	0.78%	0.079%
51	14.810	2009	2010	2013	rBV3	2659	2466	0.12%	0.012%
52	14.904	2025	2026	2030	rBV2	2948	3526	0.17%	0.017%
53	14.969	2035	2037	2038	rBV2	2463	2219	0.10%	0.011%
54	15.057	2046	2052	2056	rBV5	4797	7668	0.36%	0.037%
55	15.216	2073	2079	2089	rBV	618036	968569	45.70%	4.632%
56	15.386	2103	2108	2117	rBV2	86060	156509	7.38%	0.748%
57	15.457	2117	2120	2124	rVV5	12802	20594	0.97%	0.098%
58	15.504	2127	2128	2133	rVB5	3324	3680	0.17%	0.018%
59	15.551	2133	2136	2138	rVB	3188	2661	0.13%	0.013%
60	15.569	2138	2139	2142	rBV3	2572	2670	0.13%	0.013%
61	15.610	2144	2146	2149	rVV3	2331	2426	0.11%	0.012%
62	15.733	2164	2167	2169	rBV3	2512	3074	0.15%	0.015%
63	15.786	2172	2176	2180	rVV4	5495	8176	0.39%	0.039%
64	15.933	2195	2201	2209	rBV7	12564	28259	1.33%	0.135%
65	16.051	2217	2221	2225	rBV5	4832	8033	0.38%	0.038%
66	16.110	2225	2231	2232	rBV5	5558	6430	0.30%	0.031%
67	16.174	2238	2242	2244	rBV5	5558	7511	0.35%	0.036%
68	16.210	2246	2248	2249	rVV2	3825	3315	0.16%	0.016%
69	16.263	2253	2257	2259	rBV5	2070	3122	0.15%	0.015%
70	16.445	2283	2288	2291	rBV6	5309	9886	0.47%	0.047%
71	16.680	2327	2328	2331	rVB2	3704	2301	0.11%	0.011%

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72	16.715	2331	2334	2337	rBV5	5352	7263	0.34%	0.035%
73	16.763	2337	2342	2350	rVV9	15349	30821	1.45%	0.147%
74	16.851	2354	2357	2358	rBV3	5490	4371	0.21%	0.021%
75	16.939	2370	2372	2373	rBV2	2674	2240	0.11%	0.011%
76	16.980	2373	2379	2390	rVV2	989024	1448178	68.33%	6.926%
77	17.080	2390	2396	2404	rBV	661626	989075	46.67%	4.730%
78	17.868	2525	2530	2540	rBV	147002	234429	11.06%	1.121%
79	18.427	2623	2625	2628	rBV4	12867	14152	0.67%	0.068%
80	18.833	2692	2694	2695	rBV2	9451	5740	0.27%	0.027%
81	19.015	2722	2725	2728	rBV4	21592	34664	1.64%	0.166%
82	19.051	2728	2731	2735	rVV2	37063	59171	2.79%	0.283%
83	19.092	2736	2738	2743	rVB	40528	42990	2.03%	0.206%
84	19.162	2746	2750	2755	rBV2	65870	116045	5.48%	0.555%
85	19.392	2783	2789	2793	rBV	782092	1148039	54.17%	5.490%
86	19.451	2795	2799	2813	rVB	397994	705951	33.31%	3.376%
87	19.621	2826	2828	2835	rVB	40171	54788	2.58%	0.262%
88	20.892	3040	3044	3051	rVB	296082	393922	18.59%	1.884%
89	21.092	3074	3078	3082	rVB	560247	594674	28.06%	2.844%
90	21.192	3090	3095	3100	rBV	1541456	1863437	87.92%	8.912%
91	23.250	3439	3445	3452	rVB2	770842	1591457	75.09%	7.611%
92	23.392	3463	3469	3479	rVB	1163847	2119490	100.00%	10.136%

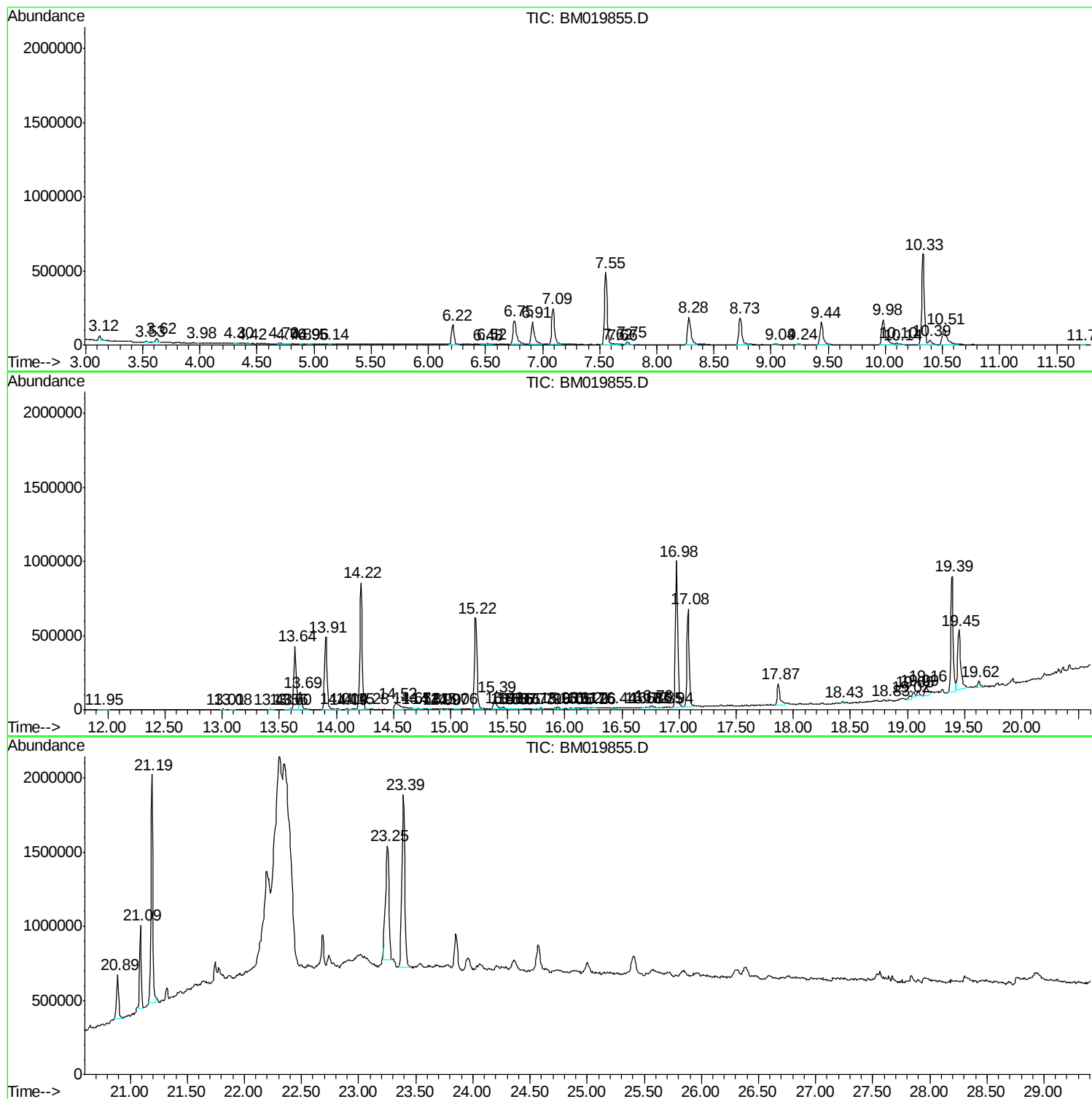
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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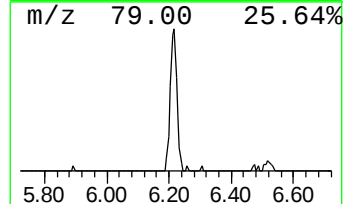
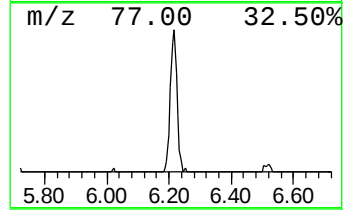
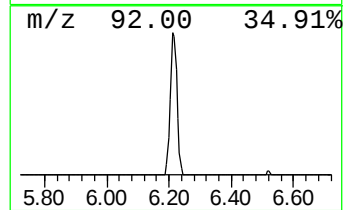
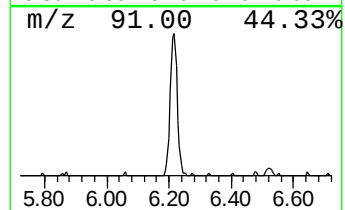
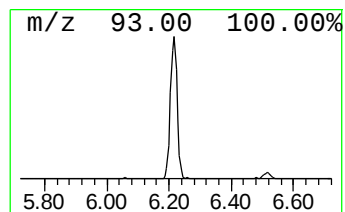
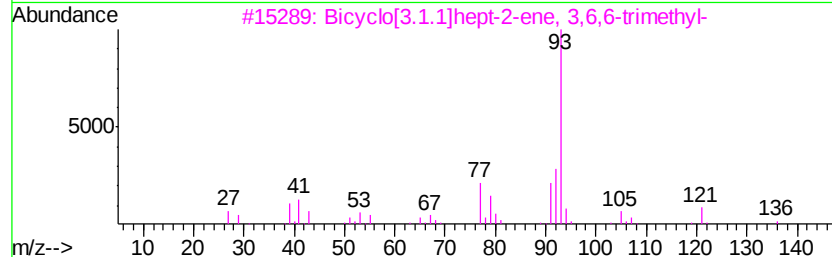
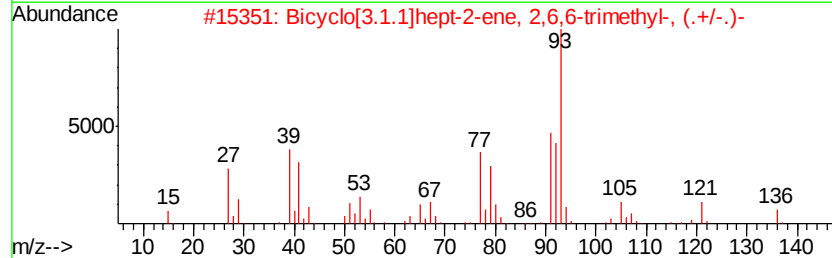
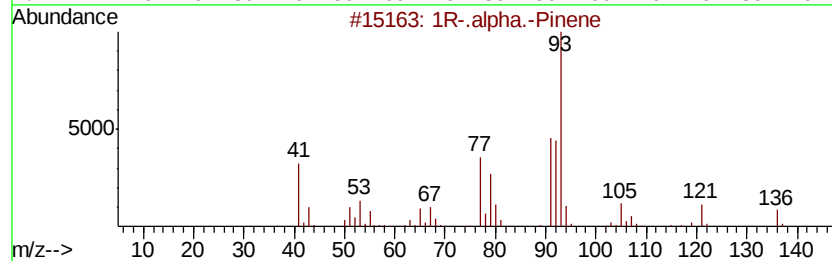
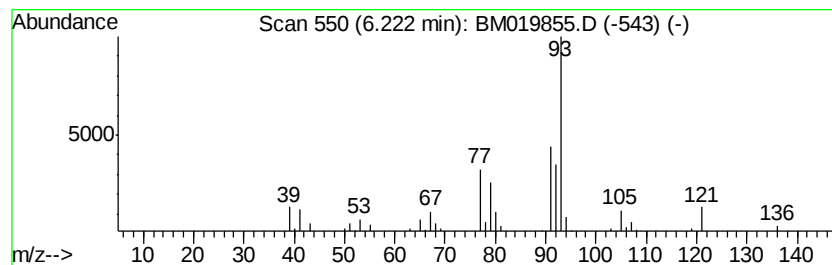
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1R-.alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	5.33 ng/ul	207245	1,4-Dichlorobenzene-d4	7.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1R-.alpha.-Pinene	136 C10H16	007785-70-8	95
2	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136 C10H16	002437-95-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136 C10H16	004889-83-2	94
4	4-Carene	136 C10H16	1000150-36-1	91
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136 C10H16	003779-61-1	91



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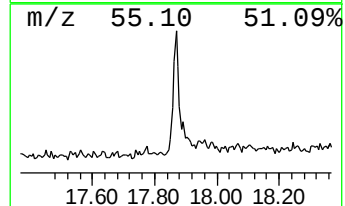
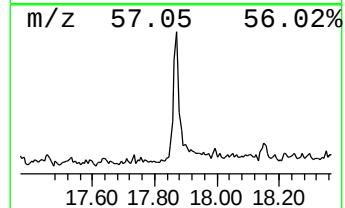
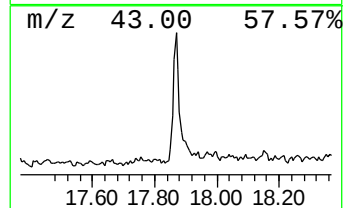
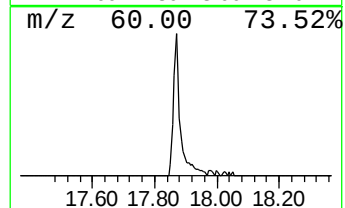
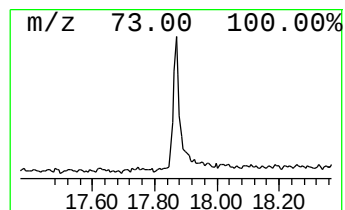
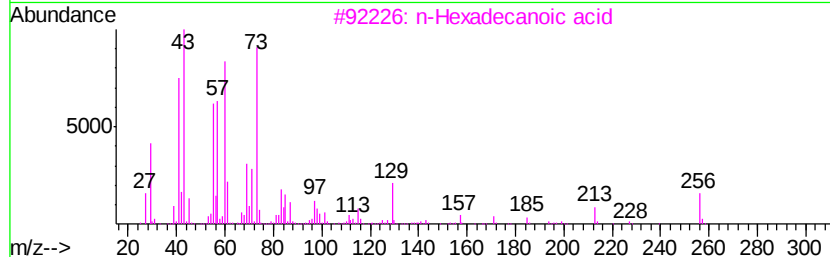
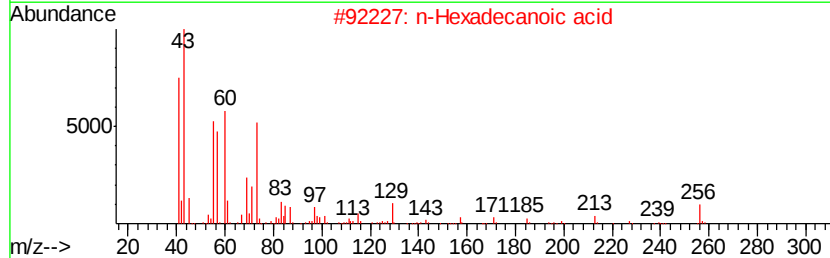
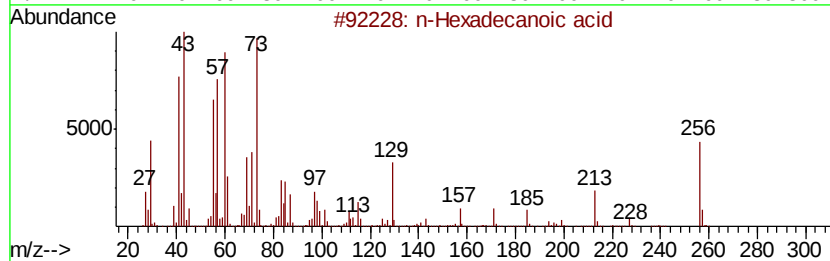
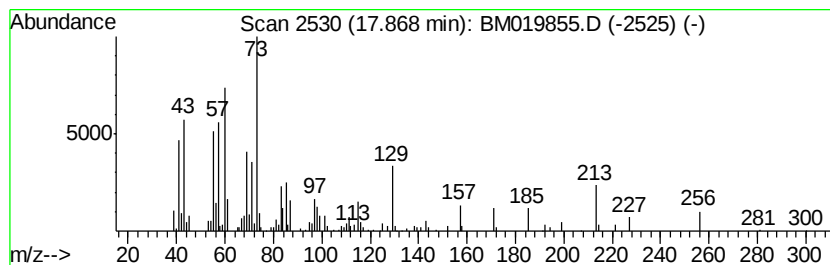
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.24 ng/ul	234429	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	96
5		Tridecanoic acid	214	C13H26O2	000638-53-9	95



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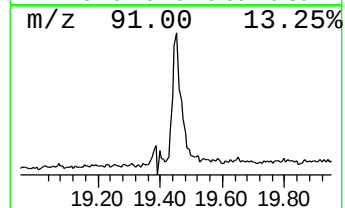
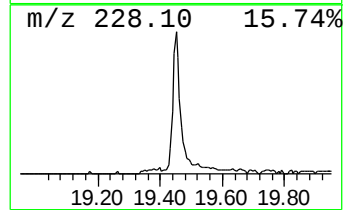
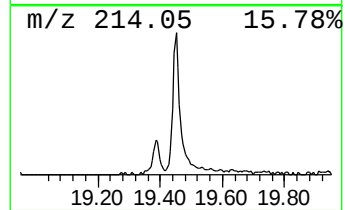
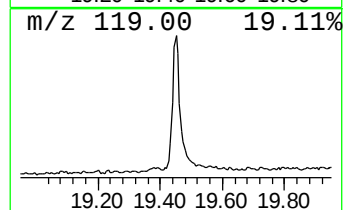
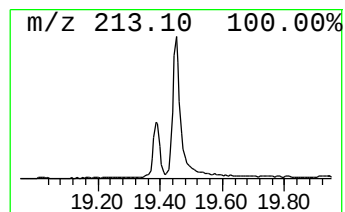
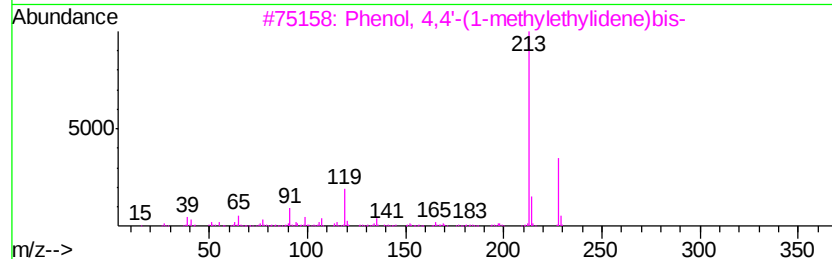
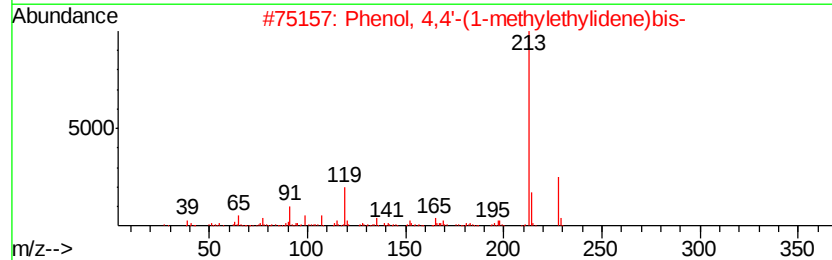
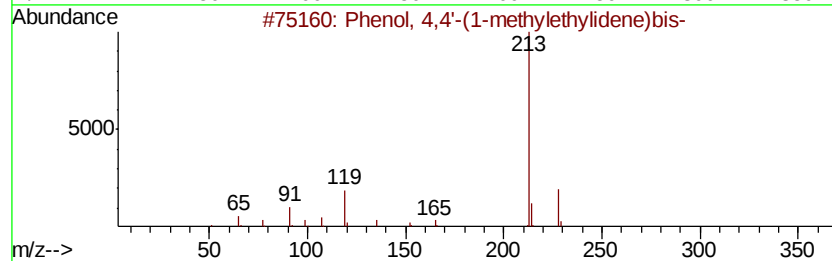
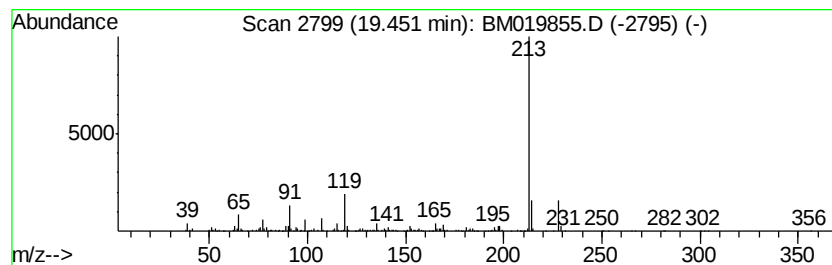
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	7.58 ng/ul	705951	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97	
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97	
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91	
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58	
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52	



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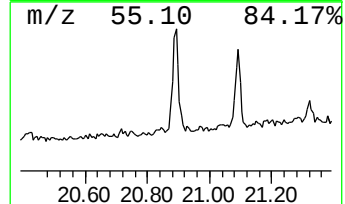
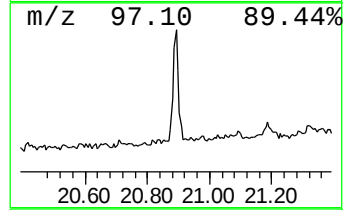
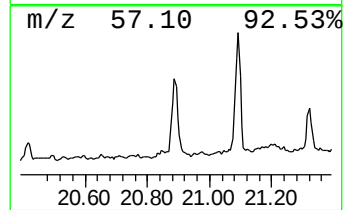
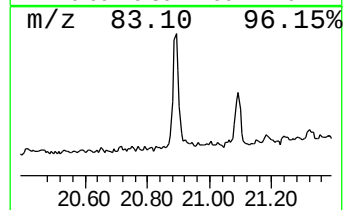
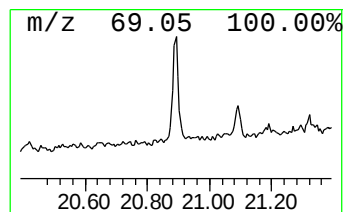
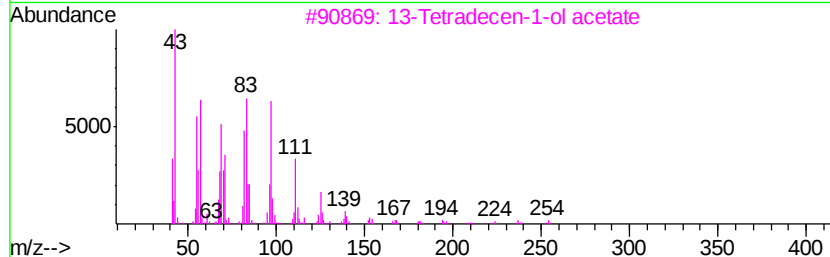
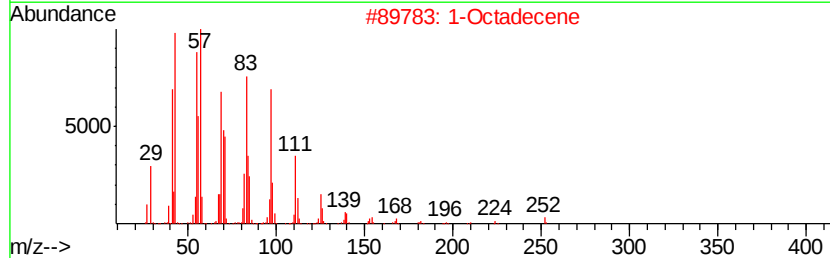
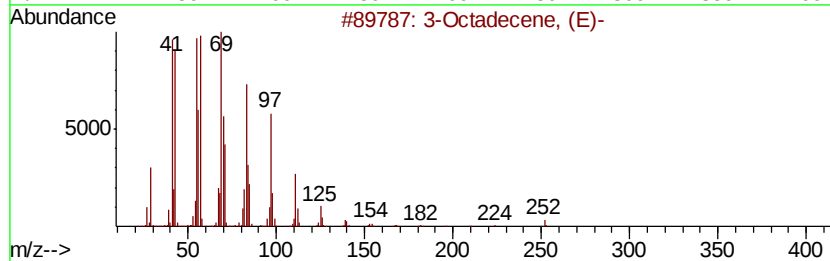
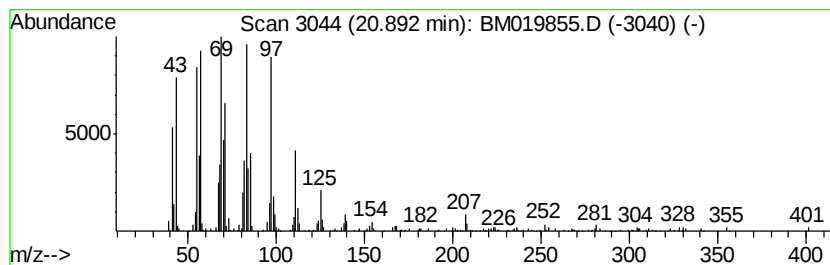
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.23 ng/ul	393922	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2		1-Octadecene	252	C18H36	000112-88-9	95
3		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		E-7-Octadecene	252	C18H36	1000130-92-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019855.D
Acq On : 10 Apr 2019 07:36
Operator : JU/SJ
Sample : K2255-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC44

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
1R-.alpha.-Pinene	6.22	5.3	ng/ul	207245	1	7.55	778104	20.0
n-Hexadecanoic acid	17.87	3.2	ng/ul	234429	4	16.98	1448180	20.0
Phenol, 4,4'-(1-m...	19.45	7.6	ng/ul	705951	5	21.19	1863440	20.0
(DEL) Alkane: Cyc...	20.89	4.2	ng/ul	393922	5	21.19	1863440	20.0