

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003143.D
 Acq On : 16 Nov 2015 15:23
 Operator : UM/IZ
 Sample : G4309-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9KP2

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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	3.205	16	20	28	rVB	25778	31845	1.25%	0.113%
2	3.475	63	66	77	rBV	5021	8712	0.34%	0.031%
3	4.046	160	163	167	rVB2	3262	3602	0.14%	0.013%
4	4.163	178	183	187	rVB	17018	20981	0.82%	0.075%
5	4.575	249	253	258	rBV	11351	14839	0.58%	0.053%
6	4.857	295	301	307	rBV2	12040	20277	0.80%	0.072%
7	6.140	515	519	525	rVB	2526	3814	0.15%	0.014%
8	6.263	538	540	546	rBV	2999	4370	0.17%	0.016%
9	6.434	563	569	576	rVB	179506	267200	10.49%	0.950%
10	6.904	643	649	659	rBV	426841	657579	25.81%	2.337%
11	7.075	671	678	691	rVB	353583	546699	21.46%	1.943%
12	7.187	691	697	703	rVB3	7495	11568	0.45%	0.041%
13	7.275	706	712	720	rBV	456121	705667	27.70%	2.508%
14	7.745	784	792	799	rBV	422669	651246	25.56%	2.314%
15	7.810	799	803	807	rVB	3363	4464	0.18%	0.016%
16	8.445	904	911	921	rVB	552414	861162	33.80%	3.060%
17	8.898	981	988	996	rBV	397881	626149	24.58%	2.225%
18	8.998	1002	1005	1009	rBV2	2481	3302	0.13%	0.012%
19	9.622	1103	1111	1119	rBV	309791	507640	19.93%	1.804%
20	10.151	1194	1201	1209	rBV	530991	862184	33.84%	3.064%
21	10.534	1259	1266	1274	rBV	566539	961298	37.73%	3.416%
22	10.669	1282	1289	1304	rBV	520978	849141	33.33%	3.017%
23	12.128	1532	1537	1546	rVB2	7509	11925	0.47%	0.042%
24	12.739	1636	1641	1647	rBV	9570	12888	0.51%	0.046%
25	12.992	1680	1684	1688	rBV	16517	22473	0.88%	0.080%
26	13.798	1815	1821	1826	rBV	948396	1305865	51.26%	4.640%
27	13.845	1826	1829	1835	rVB	329548	420822	16.52%	1.495%
28	14.080	1863	1869	1878	rBV	1052979	1580004	62.02%	5.615%
29	14.292	1900	1905	1910	rVB	8210	10410	0.41%	0.037%
30	14.392	1916	1922	1930	rBV2	803100	1221602	47.95%	4.341%
31	14.580	1948	1954	1963	rBV	413266	563419	22.11%	2.002%
32	14.798	1988	1991	1997	rBV4	1916	2747	0.11%	0.010%
33	14.916	2006	2011	2014	rBV3	1878	2674	0.10%	0.010%
34	15.192	2054	2058	2063	rBV2	5763	7623	0.30%	0.027%

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35	15.245	2063	2067	2071	rVB	14419	16412	0.64%	0.058%
36	15.386	2084	2091	2098	rVB	1437723	2004862	78.69%	7.124%
37	15.498	2104	2110	2118	rBV	348597	459015	18.02%	1.631%
38	15.627	2126	2132	2135	rBV	12743	18919	0.74%	0.067%
39	16.110	2209	2214	2217	rBV	15636	23153	0.91%	0.082%
40	16.280	2239	2243	2248	rBV	21032	26076	1.02%	0.093%
41	16.457	2269	2273	2275	rBV3	1916	2679	0.11%	0.010%
42	16.539	2283	2287	2290	rVB2	2739	3312	0.13%	0.012%
43	16.621	2296	2301	2305	rBV4	3094	4089	0.16%	0.015%
44	16.898	2344	2348	2355	rBV2	17762	26885	1.06%	0.096%
45	16.951	2355	2357	2361	rVB	4634	5747	0.23%	0.020%
46	17.139	2382	2389	2395	rBV	970193	1407980	55.26%	5.003%
47	17.233	2398	2405	2415	rBV2	1489673	2098576	82.37%	7.457%
48	17.521	2448	2454	2457	rVV2	6144	9428	0.37%	0.034%
49	17.639	2469	2474	2480	rVB	11385	14072	0.55%	0.050%
50	17.898	2516	2518	2526	rBV4	2582	4421	0.17%	0.016%
51	18.027	2535	2540	2551	rBV	108093	149485	5.87%	0.531%
52	18.151	2556	2561	2564	rBV3	6873	9910	0.39%	0.035%
53	18.333	2587	2592	2596	rBV	5361	8365	0.33%	0.030%
54	18.474	2611	2616	2620	rBV2	4023	6591	0.26%	0.023%
55	18.698	2651	2654	2658	rVB4	2292	3548	0.14%	0.013%
56	18.892	2682	2687	2693	rBV5	3647	5648	0.22%	0.020%
57	18.968	2697	2700	2702	rBV2	3155	2822	0.11%	0.010%
58	19.092	2717	2721	2723	rBV2	2129	3057	0.12%	0.011%
59	19.168	2729	2734	2737	rBV	19503	25758	1.01%	0.092%
60	19.315	2753	2759	2763	rBV	37018	48210	1.89%	0.171%
61	19.421	2771	2777	2782	rBV	12649	16662	0.65%	0.059%
62	19.468	2783	2785	2790	rVB5	2799	3123	0.12%	0.011%
63	19.533	2790	2796	2804	rBV2	1743083	2435498	95.60%	8.655%
64	19.756	2828	2834	2837	rBV7	2733	5078	0.20%	0.018%
65	19.815	2841	2844	2848	rVB5	2472	2841	0.11%	0.010%
66	19.980	2869	2872	2877	rVV5	7046	9330	0.37%	0.033%
67	20.051	2881	2884	2887	rVV3	6326	7892	0.31%	0.028%
68	20.086	2887	2890	2893	rVV4	5481	5333	0.21%	0.019%
69	20.139	2896	2899	2903	rBV4	4124	5689	0.22%	0.020%
70	20.409	2942	2945	2949	rVB4	9854	12068	0.47%	0.043%
71	20.521	2960	2964	2968	rBV	53698	57266	2.25%	0.203%

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72	20.574	2969	2973	2977	rBV6	5293	10141	0.40%	0.036%
73	20.798	3009	3011	3015	rVB4	5655	6128	0.24%	0.022%
74	21.015	3044	3048	3049	rBV2	23050	24515	0.96%	0.087%
75	21.039	3049	3052	3062	rVB	143629	191299	7.51%	0.680%
76	21.333	3096	3102	3114	rBV	1291275	1681632	66.01%	5.976%
77	21.427	3115	3118	3122	rVV4	13032	16393	0.64%	0.058%
78	21.939	3200	3205	3216	rVB4	33250	64689	2.54%	0.230%
79	22.109	3231	3234	3239	rVB2	19239	25293	0.99%	0.090%
80	22.521	3300	3304	3309	rBV2	27574	36199	1.42%	0.129%
81	22.897	3365	3368	3373	rBV	22703	29837	1.17%	0.106%
82	23.450	3454	3462	3474	rBV	1311331	2547700	100.00%	9.053%
83	23.592	3479	3486	3496	rVB	839651	1611536	63.25%	5.727%
84	24.127	3573	3577	3584	rVB3	29191	53634	2.11%	0.191%
85	24.209	3587	3591	3597	rVB	27410	53292	2.09%	0.189%
86	24.886	3703	3706	3714	rVB2	29078	52582	2.06%	0.187%

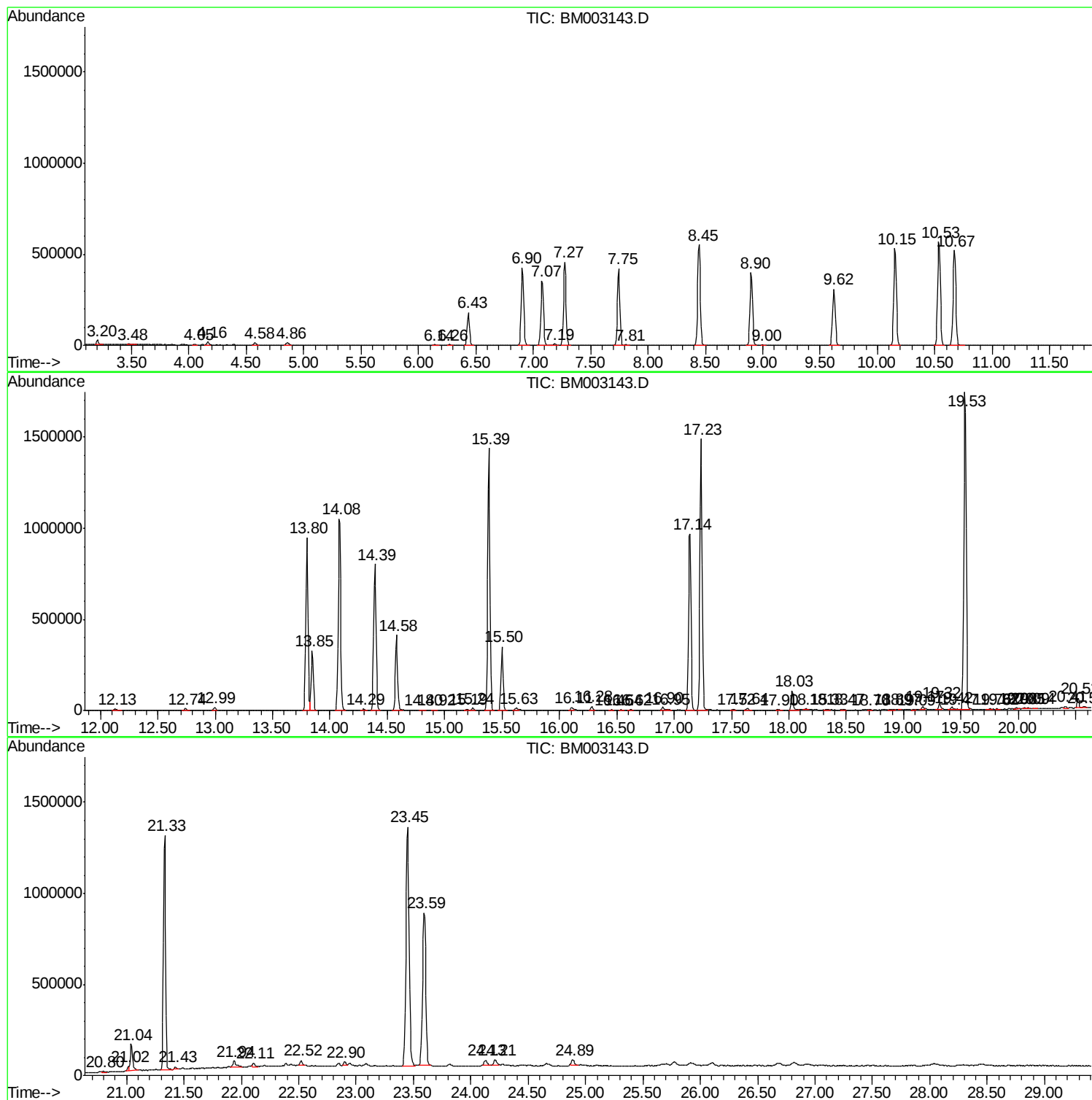
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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



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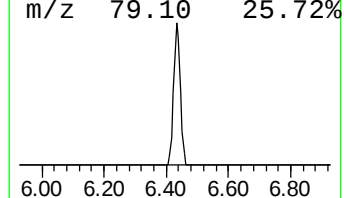
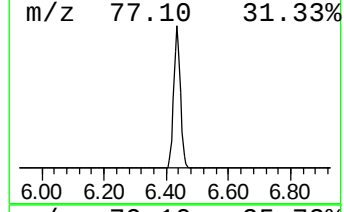
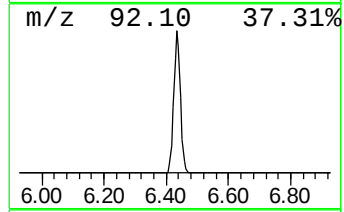
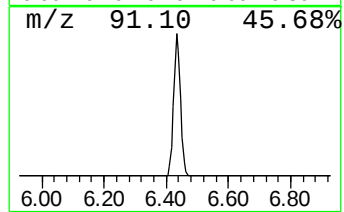
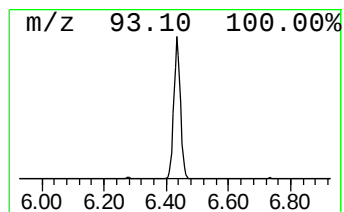
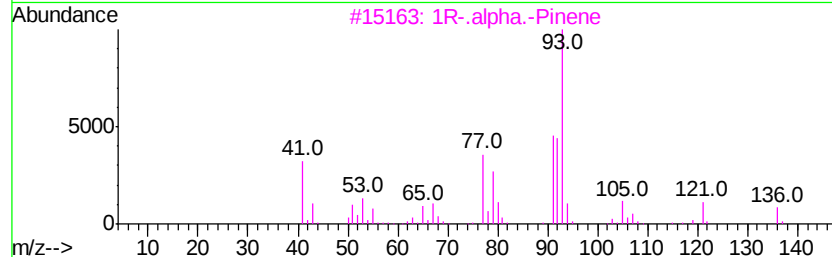
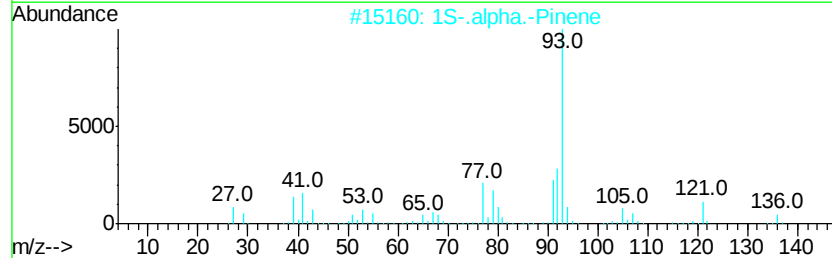
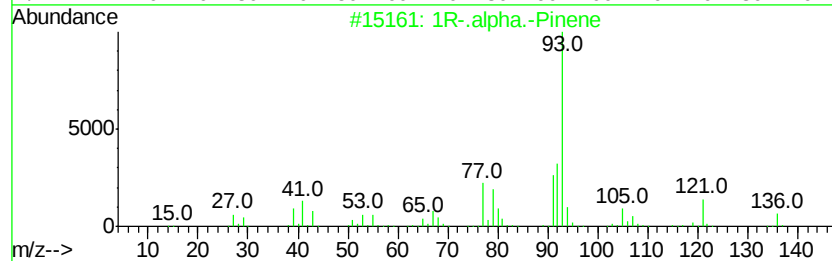
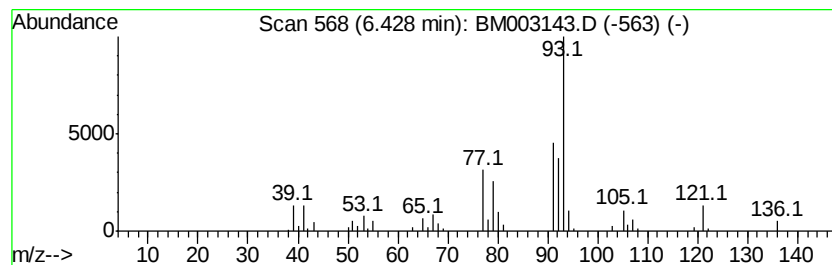
Instrument :
BNA_M
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	8.21 ng/ul	267200	1,4-Dichlorobenzene-d4	7.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1R-.alpha.-Pinene	136 C10H16	007785-70-8	97
2	1S-.alpha.-Pinene	136 C10H16	007785-26-4	97
3	1R-.alpha.-Pinene	136 C10H16	007785-70-8	95
4	.alpha.-Pinene	136 C10H16	000080-56-8	95
5	.alpha.-Pinene	136 C10H16	000080-56-8	94



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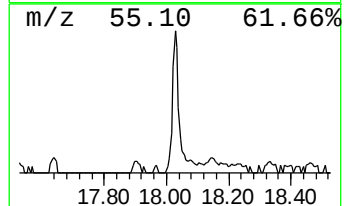
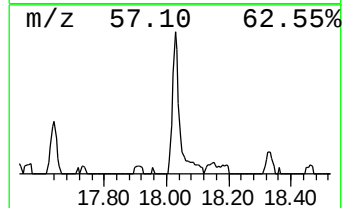
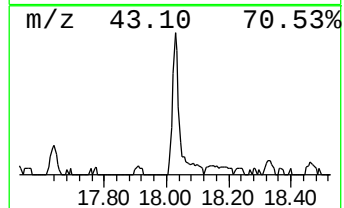
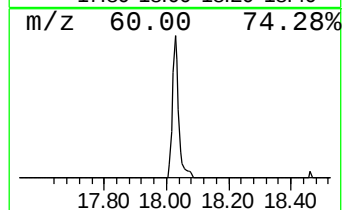
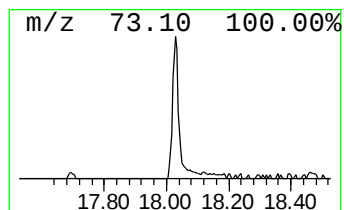
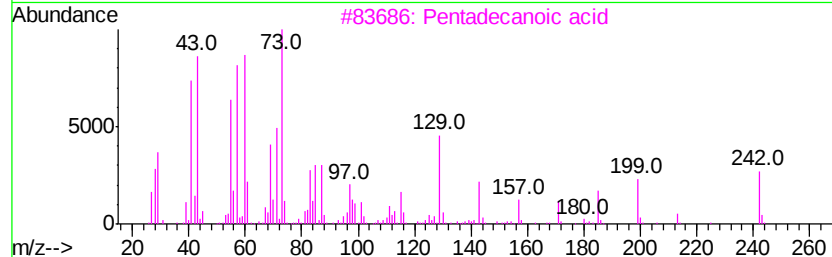
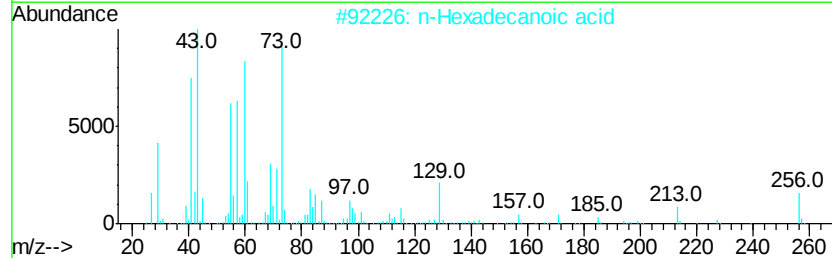
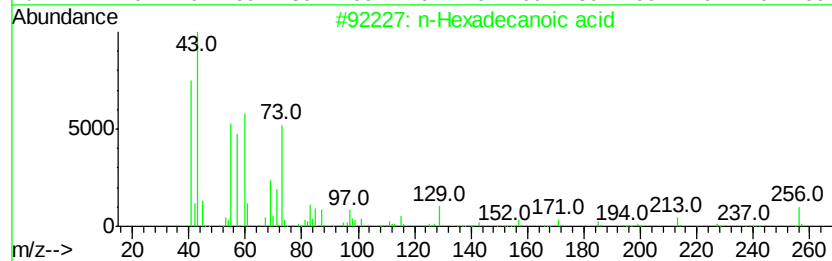
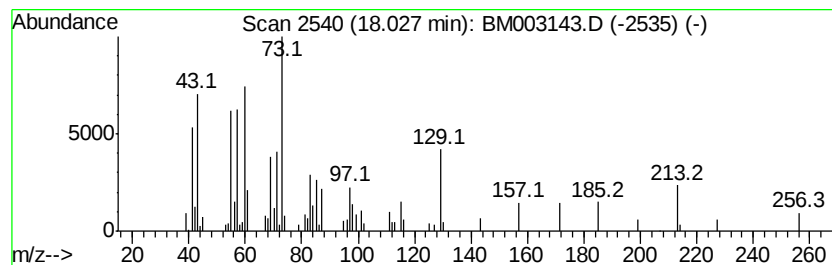
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.12 ng/ul	149485	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	11



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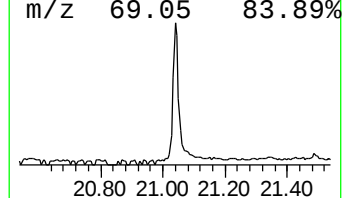
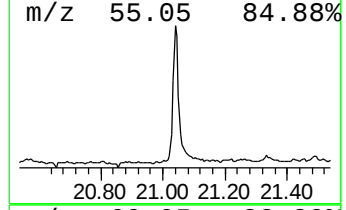
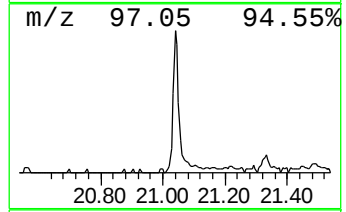
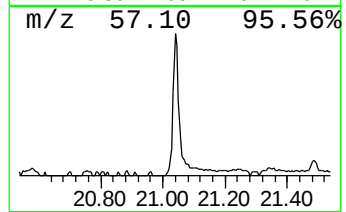
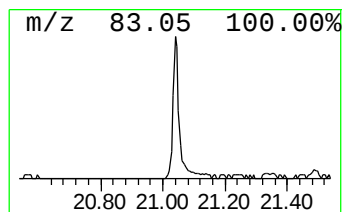
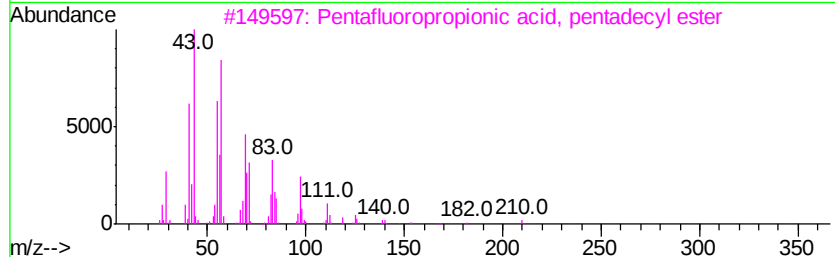
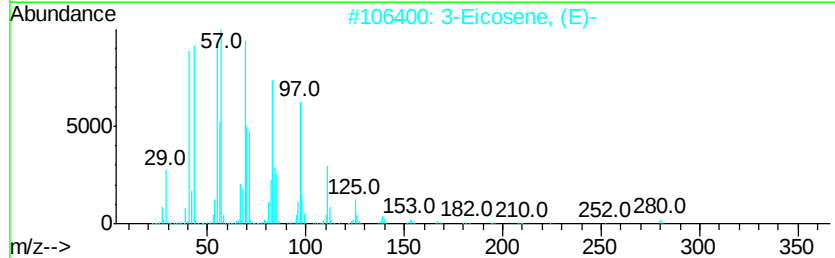
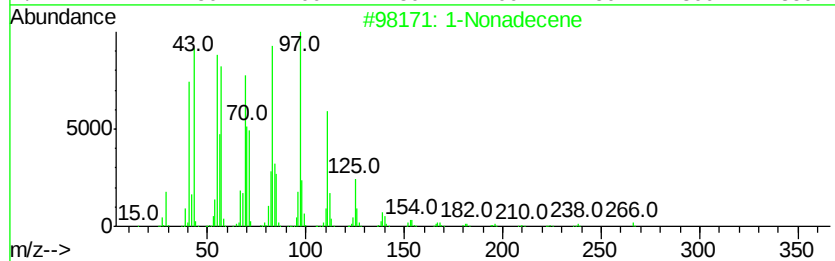
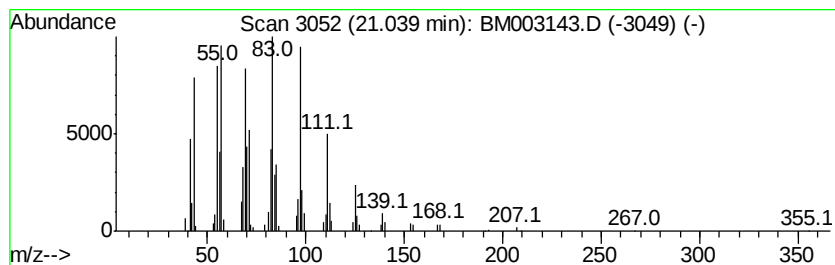
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic21.04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.28 ng/ul	191299	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	1000280-07-5	90
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
5		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1R-.alpha.-Pinene	6.43	8.2	ng/ul	267200	1	7.75	651246	20.0
n-Hexadecanoic acid	18.03	2.1	ng/ul	149485	4	17.14	1407980	20.0
(DEL) Alkane: Cyc...	21.04	2.3	ng/ul	191299	5	21.33	1681630	20.0