

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020162.D
 Acq On : 14 Dec 2015 20:58
 Operator : UM/SJ
 Sample : G4767-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N36

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_G\METHODS\SOM02.2-EPA-BG121415.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	3.126	44	49	58	rVV	28703	51595	8.20%	0.722%
2	3.202	58	62	69	rVB	15042	21147	3.36%	0.296%
3	3.472	105	108	114	rVB3	3961	5426	0.86%	0.076%
4	5.405	435	437	441	rBV2	800	1220	0.19%	0.017%
5	6.157	562	565	567	rBV3	1090	942	0.15%	0.013%
6	6.757	666	667	671	rBV2	645	1035	0.16%	0.014%
7	7.244	743	750	760	rBV	80999	140774	22.38%	1.971%
8	7.421	774	780	787	rVB	61081	98445	15.65%	1.378%
9	7.626	808	815	823	rVB	78422	129940	20.66%	1.819%
10	8.102	889	896	903	rVB	69904	116223	18.48%	1.627%
11	8.331	932	935	938	rBV4	719	1046	0.17%	0.015%
12	8.796	1007	1014	1022	rBV	108433	182355	29.00%	2.553%
13	9.266	1088	1094	1102	rVB	81732	139674	22.21%	1.956%
14	9.671	1159	1163	1165	rVB3	1413	1800	0.29%	0.025%
15	9.988	1210	1217	1226	rVB	69615	123918	19.70%	1.735%
16	10.529	1300	1309	1317	rBV	114194	194381	30.91%	2.721%
17	10.640	1324	1328	1331	rBV2	582	855	0.14%	0.012%
18	10.917	1368	1375	1383	rBV	101833	180516	28.70%	2.527%
19	11.046	1390	1397	1405	rBV	100610	182284	28.99%	2.552%
20	11.498	1472	1474	1478	rVB3	813	873	0.14%	0.012%
21	12.491	1640	1643	1647	rBV	1671	1988	0.32%	0.028%
22	12.979	1724	1726	1730	rVB3	734	922	0.15%	0.013%
23	13.138	1749	1753	1756	rBV2	498	923	0.15%	0.013%
24	13.326	1783	1785	1789	rVB3	1356	1398	0.22%	0.020%
25	13.537	1819	1821	1826	rBV4	1794	2346	0.37%	0.033%
26	13.608	1831	1833	1835	rBV2	1374	1332	0.21%	0.019%
27	13.813	1863	1868	1869	rBV2	768	1032	0.16%	0.014%
28	14.125	1915	1921	1926	rBV	245695	353838	56.26%	4.954%
29	14.172	1926	1929	1937	rVB	80211	106294	16.90%	1.488%
30	14.313	1951	1953	1956	rVB3	837	858	0.14%	0.012%
31	14.424	1965	1972	1981	rVB	244678	372968	59.31%	5.222%
32	14.606	1998	2003	2010	rVB3	6430	9135	1.45%	0.128%
33	14.730	2018	2024	2033	rVB2	194657	308620	49.07%	4.321%
34	14.906	2048	2054	2062	rBV	115546	181265	28.82%	2.538%

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35	15.000	2068	2070	2074	rVB3	911	1154	0.18%	0.016%
36	15.047	2074	2078	2081	rVV4	1219	1965	0.31%	0.028%
37	15.112	2084	2089	2095	rVV4	2384	4191	0.67%	0.059%
38	15.159	2095	2097	2102	rVV3	1370	1558	0.25%	0.022%
39	15.223	2104	2108	2112	rVB2	2070	2670	0.42%	0.037%
40	15.294	2119	2120	2124	rVB3	1306	1204	0.19%	0.017%
41	15.364	2129	2132	2136	rBV3	577	890	0.14%	0.012%
42	15.405	2136	2139	2142	rVB2	715	831	0.13%	0.012%
43	15.558	2160	2165	2169	rVB2	10594	12593	2.00%	0.176%
44	15.617	2173	2175	2177	rVB2	1106	934	0.15%	0.013%
45	15.717	2184	2192	2204	rBV	335903	492171	78.26%	6.891%
46	15.823	2204	2210	2217	rVB	103710	153030	24.33%	2.143%
47	15.958	2224	2233	2238	rBV7	5407	11137	1.77%	0.156%
48	16.005	2238	2241	2244	rVB2	1175	1212	0.19%	0.017%
49	16.058	2249	2250	2253	rVV3	1484	1148	0.18%	0.016%
50	16.111	2255	2259	2262	rVV	1305	2073	0.33%	0.029%
51	16.181	2266	2271	2273	rBV3	2006	2524	0.40%	0.035%
52	16.257	2281	2284	2285	rBV2	930	1051	0.17%	0.015%
53	16.416	2306	2311	2314	rBV	12072	16133	2.57%	0.226%
54	16.592	2338	2341	2344	rBV2	884	872	0.14%	0.012%
55	16.757	2364	2369	2370	rBV3	2031	2282	0.36%	0.032%
56	16.821	2377	2380	2382	rBV3	1484	1863	0.30%	0.026%
57	16.874	2387	2389	2392	rVB3	1105	1146	0.18%	0.016%
58	16.992	2407	2409	2412	rVB2	1133	929	0.15%	0.013%
59	17.209	2442	2446	2449	rBV2	5677	8104	1.29%	0.113%
60	17.262	2449	2455	2459	rVB4	2778	4710	0.75%	0.066%
61	17.409	2477	2480	2482	rBV2	752	837	0.13%	0.012%
62	17.474	2484	2491	2497	rBV	291574	438461	69.72%	6.139%
63	17.515	2497	2498	2501	rVV	1796	1295	0.21%	0.018%
64	17.568	2501	2507	2514	rVV2	351981	542001	86.19%	7.588%
65	17.738	2531	2536	2539	rBV2	1049	1514	0.24%	0.021%
66	17.950	2569	2572	2574	rBV3	1609	1088	0.17%	0.015%
67	18.061	2589	2591	2595	rBV	718	1048	0.17%	0.015%
68	18.343	2633	2639	2649	rBV2	39726	57912	9.21%	0.811%
69	18.420	2649	2652	2657	rVB	3191	4604	0.73%	0.064%
70	18.502	2664	2666	2669	rVB	1179	903	0.14%	0.013%
71	18.766	2708	2711	2714	rVB4	1102	1486	0.24%	0.021%

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72	19.489	2827	2834	2837	rBV2	4362	7150	1.14%	0.100%
73	19.518	2837	2839	2842	rVB2	1596	1631	0.26%	0.023%
74	19.606	2849	2854	2860	rBV5	11377	16564	2.63%	0.232%
75	19.736	2871	2876	2879	rBV2	2950	4697	0.75%	0.066%
76	19.853	2889	2896	2903	rBV	425356	628880	100.00%	8.805%
77	20.153	2945	2947	2948	rBV2	1737	1544	0.25%	0.022%
78	20.746	3042	3048	3054	rBV	24308	33761	5.37%	0.473%
79	20.817	3059	3060	3062	rVB2	2048	912	0.15%	0.013%
80	20.852	3062	3066	3069	rBV5	2937	3746	0.60%	0.052%
81	21.363	3149	3153	3164	rBV	43143	74327	11.82%	1.041%
82	21.739	3211	3217	3225	rBV	305379	508198	80.81%	7.115%
83	22.803	3396	3398	3399	rBV2	1685	1102	0.18%	0.015%
84	23.237	3470	3472	3479	rVB6	5540	8153	1.30%	0.114%
85	23.443	3502	3507	3513	rVB2	13650	26918	4.28%	0.377%
86	24.060	3608	3612	3619	rVB4	9543	18536	2.95%	0.260%
87	24.789	3726	3736	3745	rVB	190292	521560	82.93%	7.302%
88	25.012	3764	3774	3786	rBV	180895	498975	79.34%	6.986%
89	26.175	3965	3972	3981	rVB5	12458	35727	5.68%	0.500%
90	27.556	4198	4207	4216	rBV5	14422	47829	7.61%	0.670%
91	28.337	4338	4340	4342	rBV3	1752	1260	0.20%	0.018%
92	29.501	4536	4538	4540	rBV2	1936	1303	0.21%	0.018%
93	30.923	4778	4780	4781	rBV	1816	859	0.14%	0.012%
94	30.964	4786	4787	4788	rBV2	1879	829	0.13%	0.012%
95	32.397	5029	5031	5033	rBV3	1771	1172	0.19%	0.016%

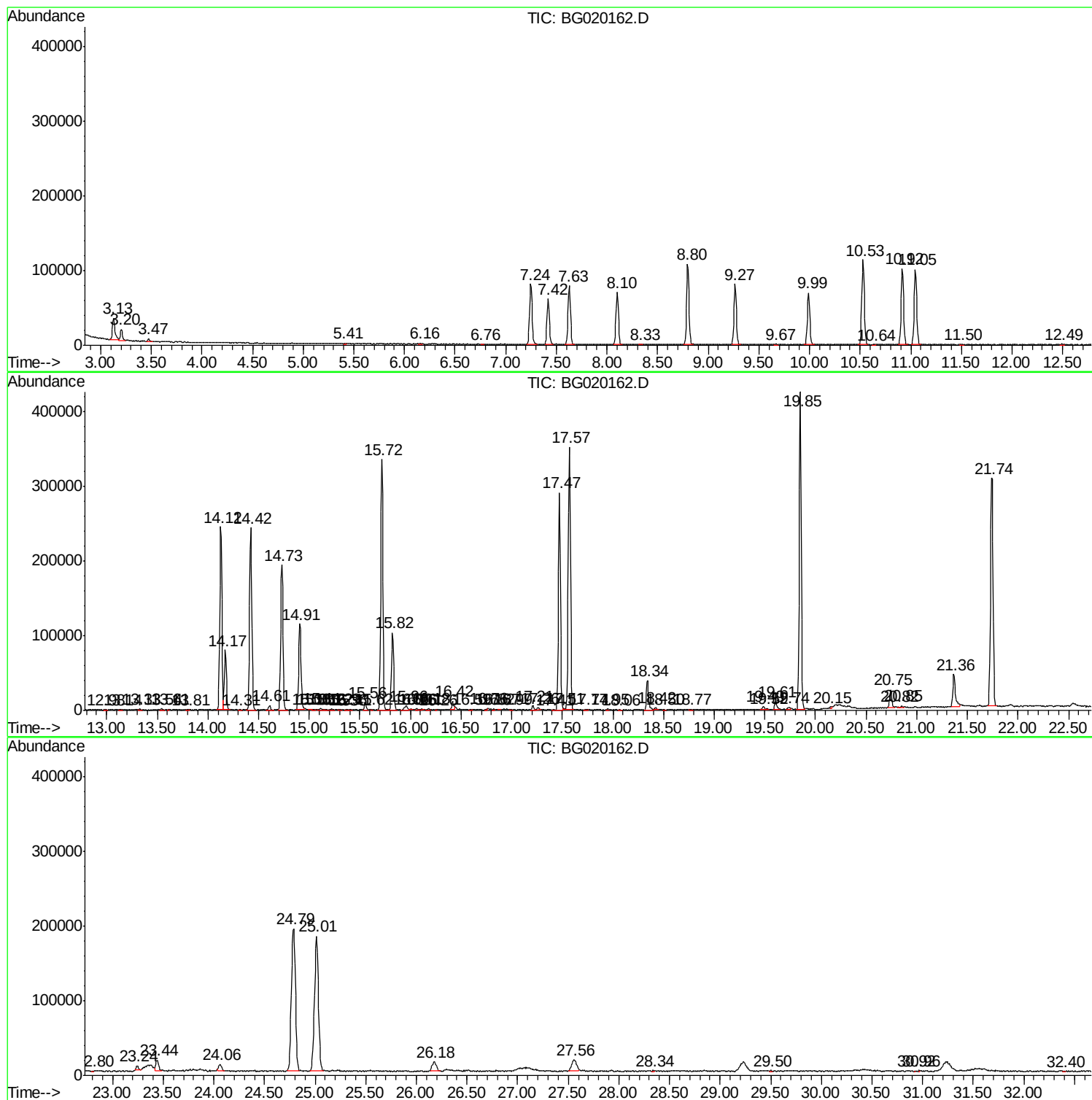
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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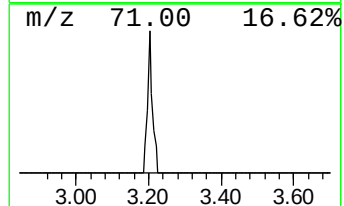
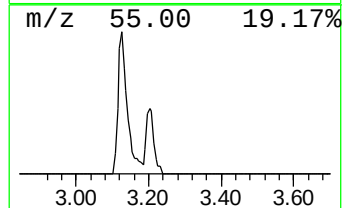
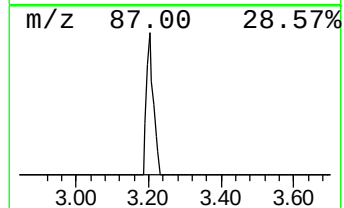
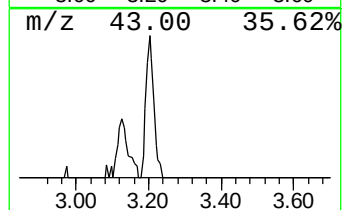
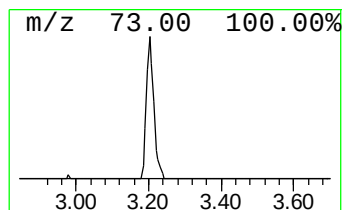
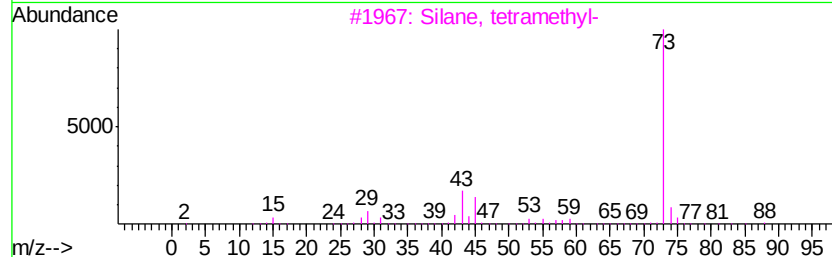
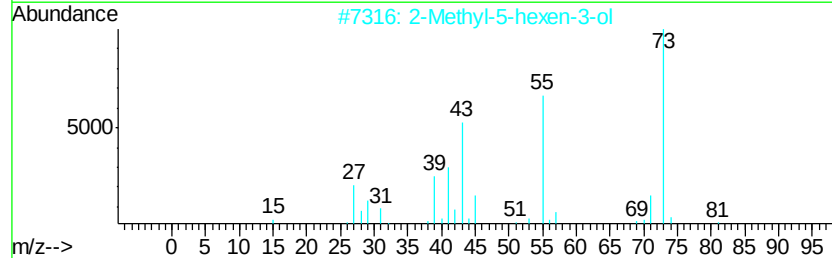
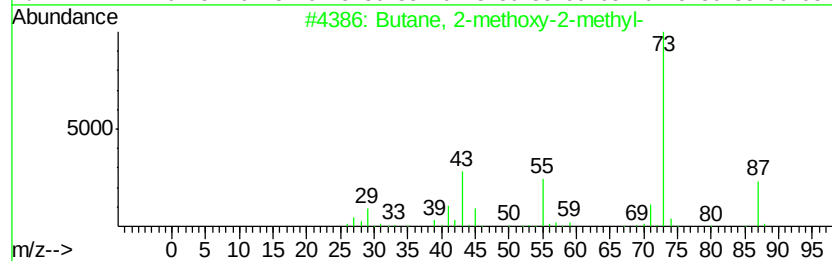
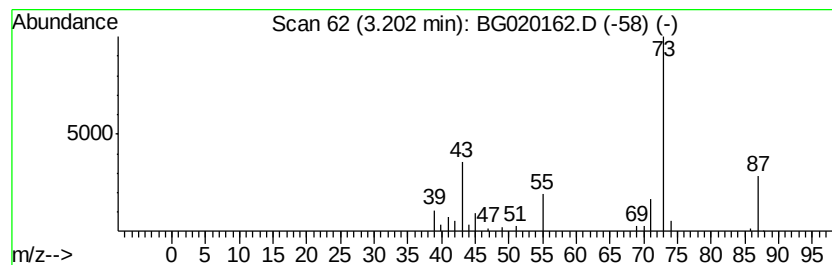
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	3.64 ng/ul	21147	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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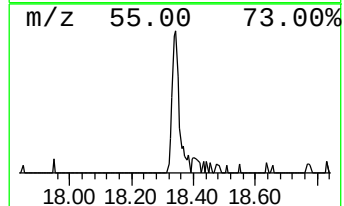
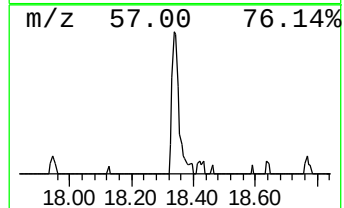
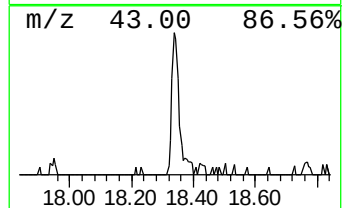
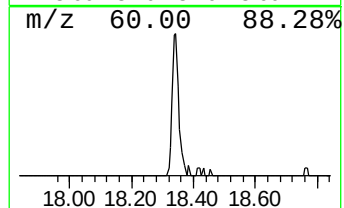
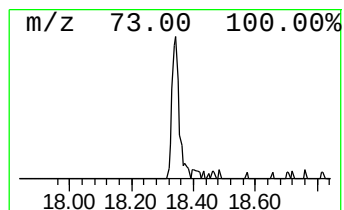
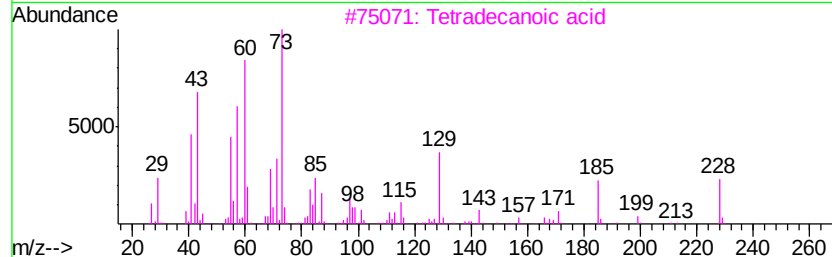
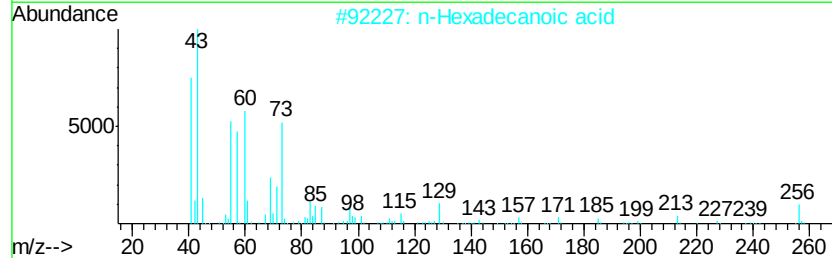
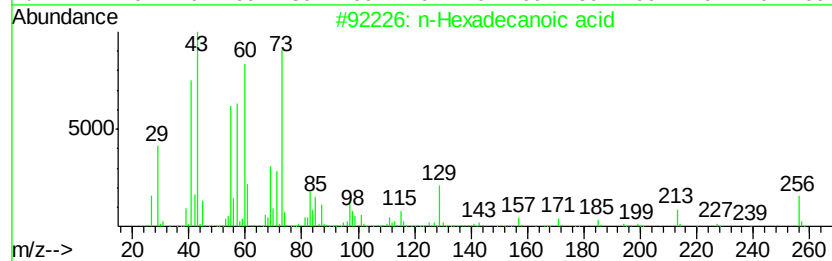
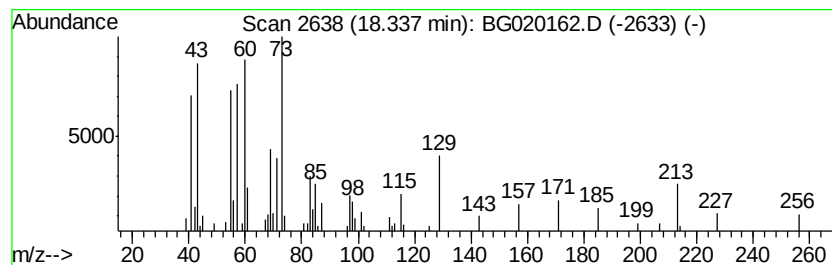
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.64 ng/ul	57912	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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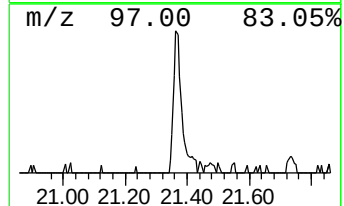
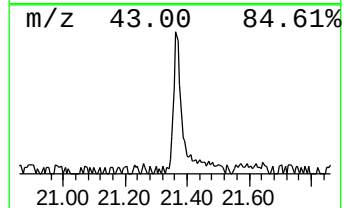
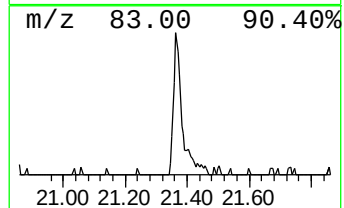
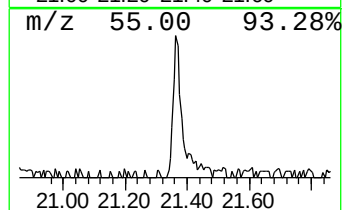
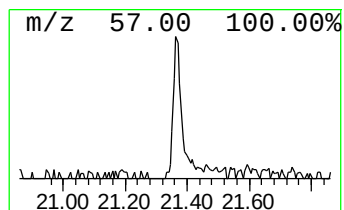
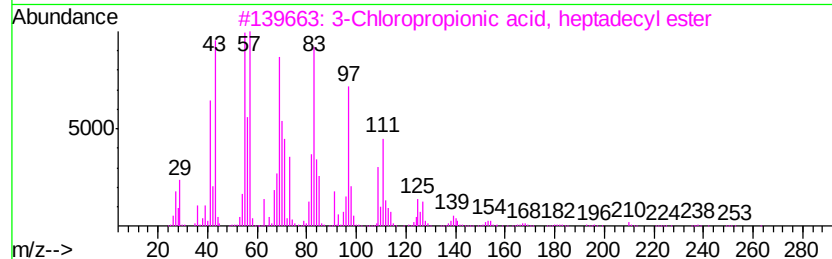
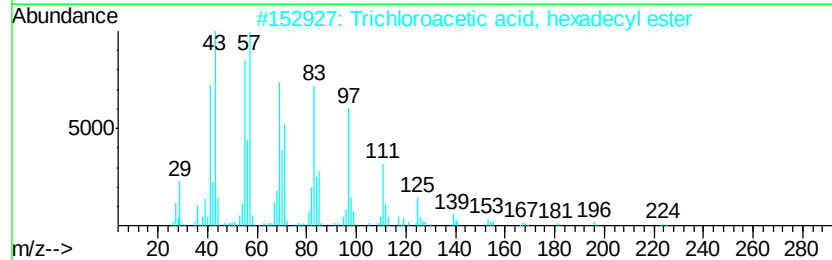
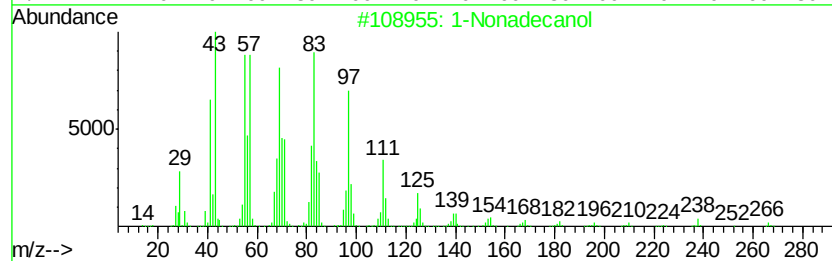
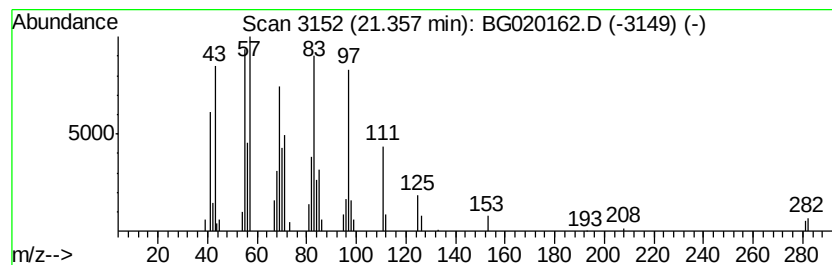
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Nonadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.93 ng/ul	74327	Chrysene-d12	21.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecanol		284 C19H40O	001454-84-8 93
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 93
3	3-Chloropropionic acid, heptadec...		346 C20H39ClO2	1000283-05-1 91
4	1-Nonadecene		266 C19H38	018435-45-5 91
5	3-Eicosene, (E)-		280 C20H40	074685-33-9 91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	3.6	ng/ul	21147	1	8.10	116223	20.0
n-Hexadecanoic acid	18.34	2.6	ng/ul	57912	4	17.47	438461	20.0
1-Nonadecanol	21.36	2.9	ng/ul	74327	5	21.75	508198	20.0