

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021391.D
 Acq On : 9 Mar 2016 7:01
 Operator : UM/SJ
 Sample : H1625-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFH3

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-BG030316.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	3.191	52	60	64	rBV3	4917	10480	3.70%	0.355%
2	3.267	69	73	78	rVV	7213	11383	4.02%	0.385%
3	3.320	78	82	86	rVB4	1394	1638	0.58%	0.055%
4	3.449	99	104	107	rVB3	470	644	0.23%	0.022%
5	3.490	107	111	114	rBV	412	610	0.22%	0.021%
6	3.531	116	118	123	rVB3	1894	2350	0.83%	0.080%
7	3.807	163	165	168	rVB3	711	592	0.21%	0.020%
8	4.066	204	209	211	rBV3	1991	2369	0.84%	0.080%
9	4.307	245	250	251	rVB2	701	671	0.24%	0.023%
10	4.336	253	255	258	rVB2	816	633	0.22%	0.021%
11	4.671	308	312	316	rBV2	370	611	0.22%	0.021%
12	5.094	381	384	385	rBV2	707	679	0.24%	0.023%
13	5.223	398	406	407	rBV3	558	1105	0.39%	0.037%
14	5.464	445	447	450	rVB	591	648	0.23%	0.022%
15	5.500	450	453	456	rBV	446	771	0.27%	0.026%
16	6.146	558	563	565	rBV2	562	1000	0.35%	0.034%
17	6.322	590	593	596	rVB2	577	639	0.23%	0.022%
18	7.286	751	757	766	rBV	45761	79653	28.14%	2.695%
19	7.450	779	785	792	rVB	34488	55310	19.54%	1.871%
20	7.662	815	821	828	rBB	46941	78059	27.57%	2.641%
21	7.768	836	839	842	rBV	539	630	0.22%	0.021%
22	8.132	894	901	908	rVV2	66896	112972	39.91%	3.822%
23	8.191	908	911	913	rVB2	735	627	0.22%	0.021%
24	8.831	1013	1020	1026	rBV2	50430	85770	30.30%	2.902%
25	9.295	1093	1099	1107	rBB	46266	80003	28.26%	2.707%
26	9.395	1114	1116	1120	rBB	782	856	0.30%	0.029%
27	10.018	1216	1222	1229	rBV	39213	66251	23.40%	2.241%
28	10.558	1308	1314	1323	rBB	52947	91936	32.48%	3.110%
29	10.940	1372	1379	1388	rBB	94598	167088	59.02%	5.653%
30	11.070	1395	1401	1413	rBV3	22321	42121	14.88%	1.425%
31	12.515	1644	1647	1649	rBB	771	795	0.28%	0.027%
32	13.337	1783	1787	1790	rBV	441	624	0.22%	0.021%
33	13.543	1818	1822	1824	rBB	662	743	0.26%	0.025%
34	13.584	1825	1829	1832	rBV	2755	2870	1.01%	0.097%

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35	13.620	1832	1835	1839	rVB3	3571	5028	1.78%	0.170%
36	14.137	1917	1923	1928	rBV	98816	144974	51.21%	4.905%
37	14.184	1928	1931	1937	rVB	30446	41598	14.69%	1.407%
38	14.236	1938	1940	1944	rBB	538	595	0.21%	0.020%
39	14.436	1968	1974	1984	rBB	105895	166697	58.89%	5.640%
40	14.612	2000	2004	2009	rVB	5782	8048	2.84%	0.272%
41	14.742	2019	2026	2037	rVB2	130815	213373	75.37%	7.219%
42	14.930	2051	2058	2072	rBV	38245	67316	23.78%	2.277%
43	15.047	2074	2078	2080	rBV3	1358	1669	0.59%	0.056%
44	15.082	2081	2084	2087	rVV2	1854	2752	0.97%	0.093%
45	15.118	2087	2090	2091	rVV2	1241	1407	0.50%	0.048%
46	15.147	2091	2095	2102	rVB3	3798	7663	2.71%	0.259%
47	15.229	2102	2109	2111	rBV2	2230	3469	1.23%	0.117%
48	15.294	2118	2120	2125	rVB	1997	2274	0.80%	0.077%
49	15.388	2132	2136	2138	rBV	863	1216	0.43%	0.041%
50	15.417	2138	2141	2142	rBV	671	571	0.20%	0.019%
51	15.459	2146	2148	2151	rVB2	826	738	0.26%	0.025%
52	15.511	2154	2157	2161	rBV2	1530	2271	0.80%	0.077%
53	15.558	2161	2165	2170	rVB2	13000	16515	5.83%	0.559%
54	15.623	2170	2176	2181	rBV3	1575	3144	1.11%	0.106%
55	15.670	2181	2184	2188	rVV3	569	939	0.33%	0.032%
56	15.729	2188	2194	2202	rVV	133861	202363	71.48%	6.846%
57	15.799	2202	2206	2208	rVV4	917	1270	0.45%	0.043%
58	15.846	2208	2214	2221	rVB2	22582	33216	11.73%	1.124%
59	15.964	2226	2234	2239	rBV3	5246	11153	3.94%	0.377%
60	16.005	2239	2241	2245	rVB3	1383	1399	0.49%	0.047%
61	16.058	2247	2250	2255	rVB5	1442	2104	0.74%	0.071%
62	16.111	2255	2259	2263	rBV2	1985	2870	1.01%	0.097%
63	16.181	2267	2271	2274	rBV3	2136	2274	0.80%	0.077%
64	16.269	2283	2286	2288	rVB3	733	813	0.29%	0.028%
65	16.293	2288	2290	2296	rBV5	1170	1367	0.48%	0.046%
66	16.363	2300	2302	2303	rBV	1004	826	0.29%	0.028%
67	16.375	2303	2304	2306	rVB2	1211	718	0.25%	0.024%
68	16.422	2306	2312	2315	rBV	13299	23038	8.14%	0.779%
69	16.657	2351	2352	2354	rBV2	1520	938	0.33%	0.032%
70	16.681	2354	2356	2357	rVV2	1512	1059	0.37%	0.036%
71	16.722	2361	2363	2365	rVV3	749	640	0.23%	0.022%

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72	16.769	2365	2371	2373	rVV5	2406	4320	1.53%	0.146%
73	16.786	2373	2374	2375	rVV	1757	751	0.27%	0.025%
74	16.822	2377	2380	2383	rVB3	1551	1764	0.62%	0.060%
75	16.922	2393	2397	2398	rBV4	1700	1997	0.71%	0.068%
76	16.945	2400	2401	2406	rVV3	827	1005	0.36%	0.034%
77	16.992	2406	2409	2412	rVV4	1297	1971	0.70%	0.067%
78	17.033	2414	2416	2420	rVV5	1321	2070	0.73%	0.070%
79	17.086	2423	2425	2427	rVV3	917	608	0.21%	0.021%
80	17.133	2432	2433	2436	rBV2	895	799	0.28%	0.027%
81	17.209	2441	2446	2451	rVV2	8461	11320	4.00%	0.383%
82	17.262	2451	2455	2461	rVV3	4726	7657	2.70%	0.259%
83	17.327	2465	2466	2468	rBV2	758	694	0.25%	0.023%
84	17.368	2471	2473	2476	rVB4	824	849	0.30%	0.029%
85	17.480	2486	2492	2503	rVB	162161	247268	87.35%	8.366%
86	17.580	2503	2509	2516	rVB2	142523	216766	76.57%	7.334%
87	17.644	2518	2520	2522	rVB3	1305	1040	0.37%	0.035%
88	17.679	2524	2526	2529	rVB5	1609	1934	0.68%	0.065%
89	17.709	2529	2531	2534	rBV3	2258	2403	0.85%	0.081%
90	17.750	2534	2538	2539	rBV4	1473	1788	0.63%	0.060%
91	17.791	2543	2545	2546	rBV2	1428	1043	0.37%	0.035%
92	17.838	2551	2553	2556	rBV3	2068	2459	0.87%	0.083%
93	17.950	2568	2572	2574	rVB4	4204	5698	2.01%	0.193%
94	18.161	2606	2608	2609	rBV2	1806	1552	0.55%	0.053%
95	18.238	2620	2621	2624	rBV3	2196	1827	0.65%	0.062%
96	18.343	2634	2639	2643	rBV3	17729	27092	9.57%	0.917%
97	18.578	2677	2679	2680	rBV2	2343	1303	0.46%	0.044%
98	18.631	2686	2688	2691	rVB4	5890	6214	2.20%	0.210%
99	19.853	2891	2896	2902	rVB	167249	237044	83.73%	8.020%
100	21.745	3213	3218	3224	rVB	177357	283089	100.00%	9.578%

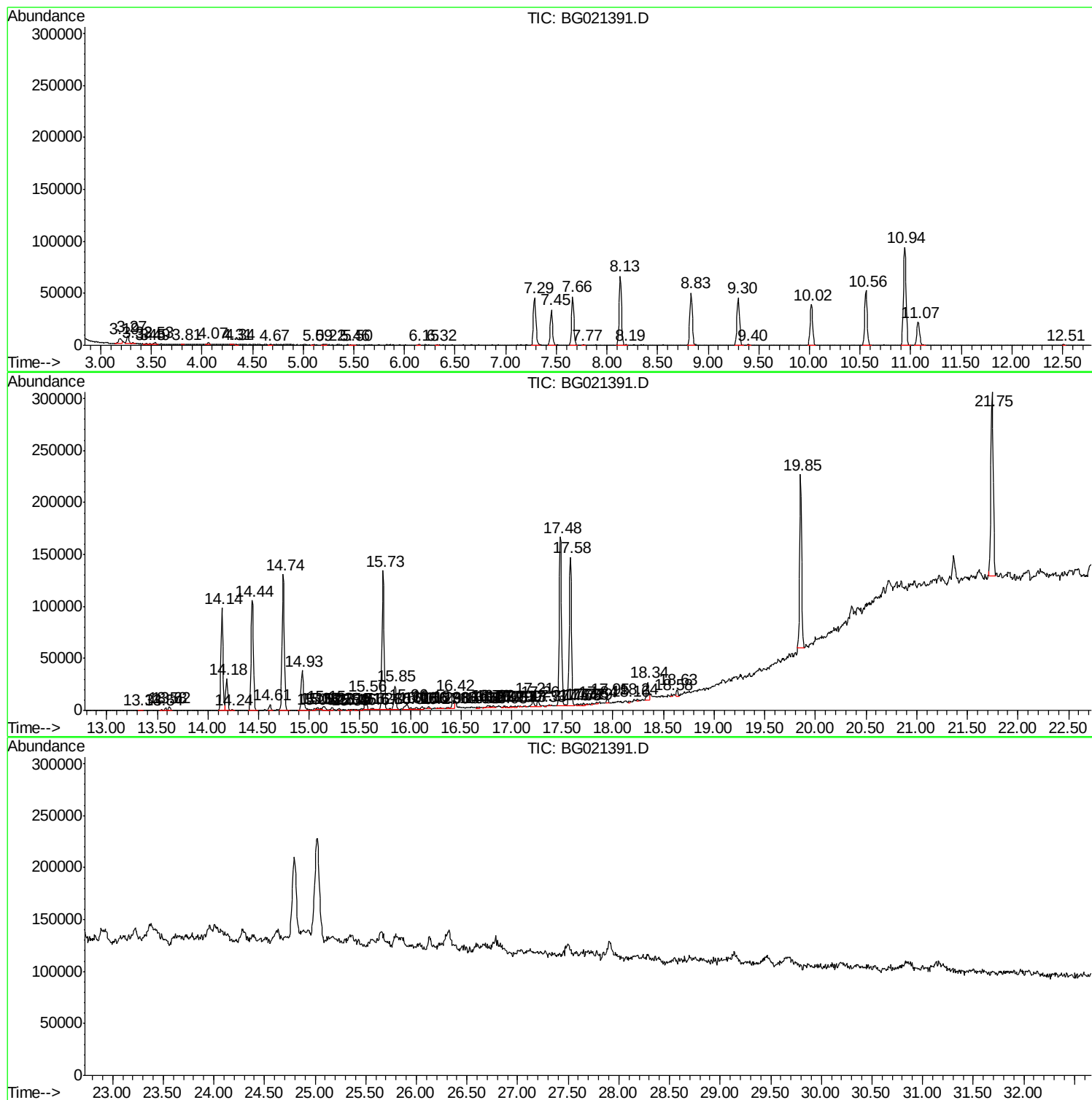
Sum of corrected areas: 2955761

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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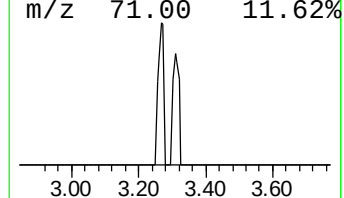
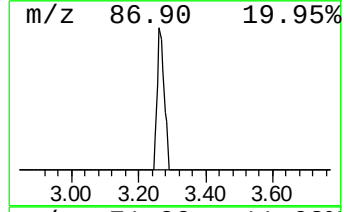
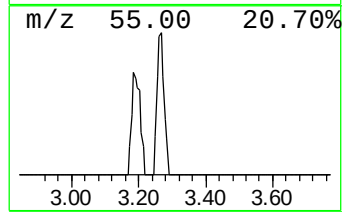
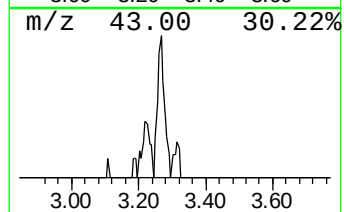
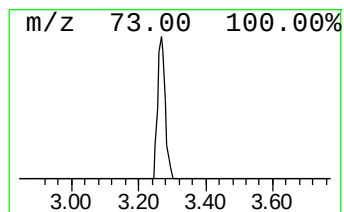
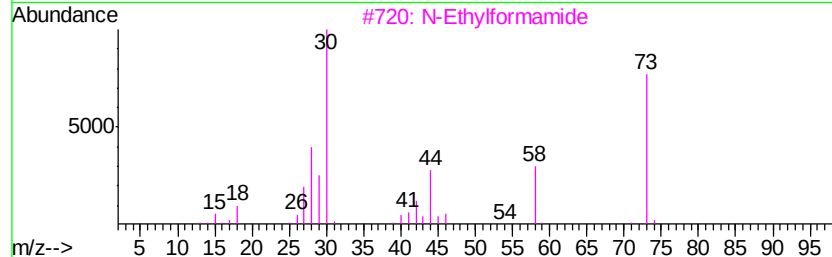
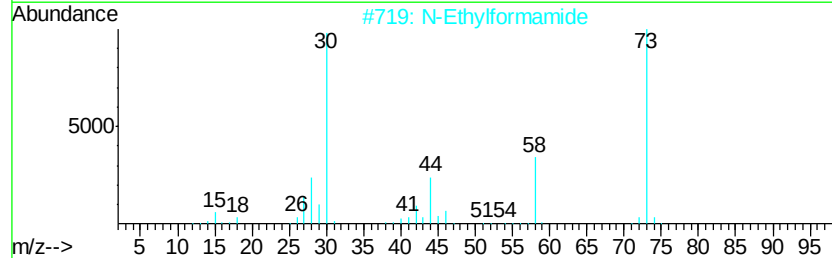
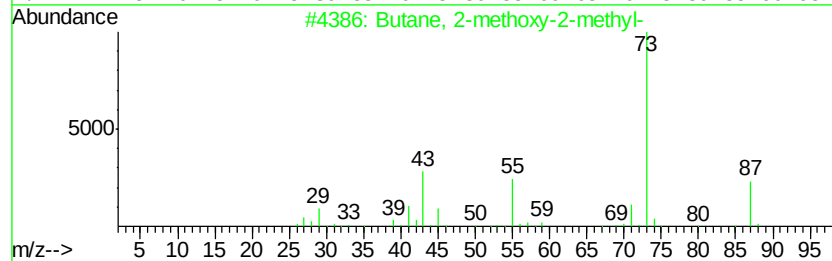
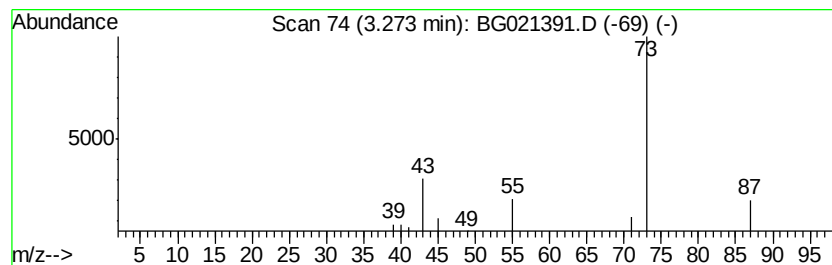
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	2.02 ng/ul	11383	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
2			N-Ethylformamide	73	C3H7NO	000627-45-2	4
3			N-Ethylformamide	73	C3H7NO	000627-45-2	4
4			Azetidine, 2-methyl-	71	C4H9N	019812-49-8	4
5			Isobutylamine	73	C4H11N	000078-81-9	4



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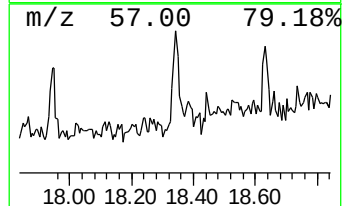
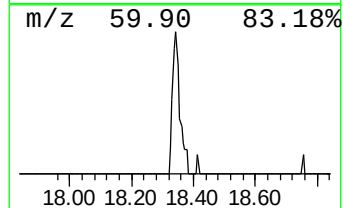
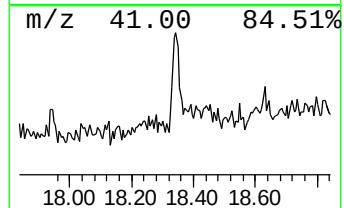
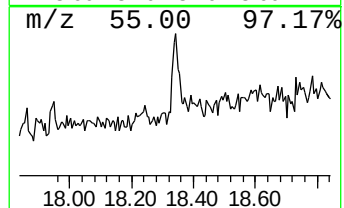
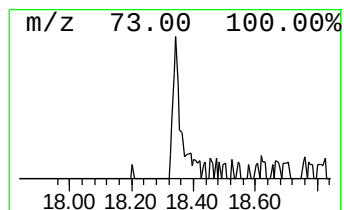
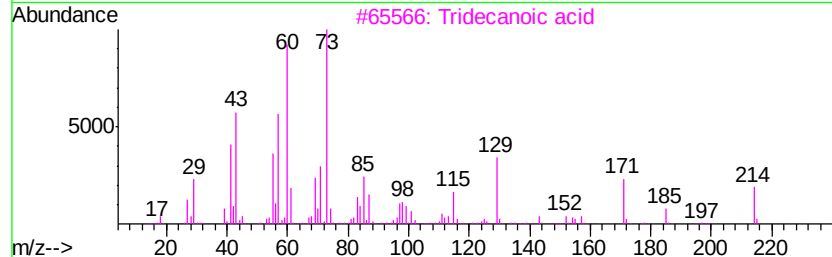
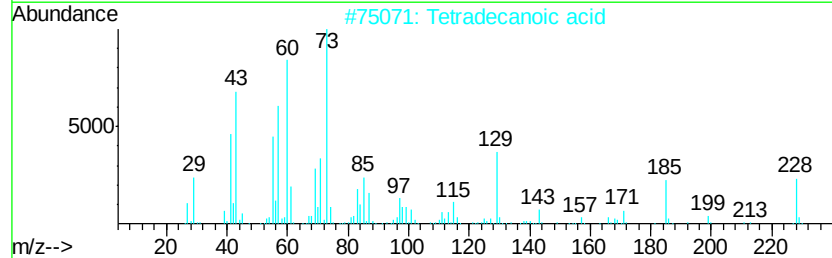
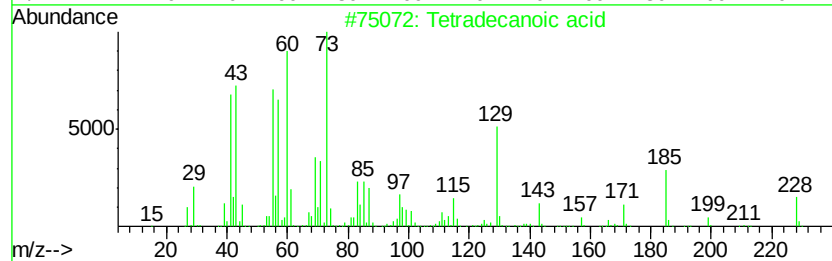
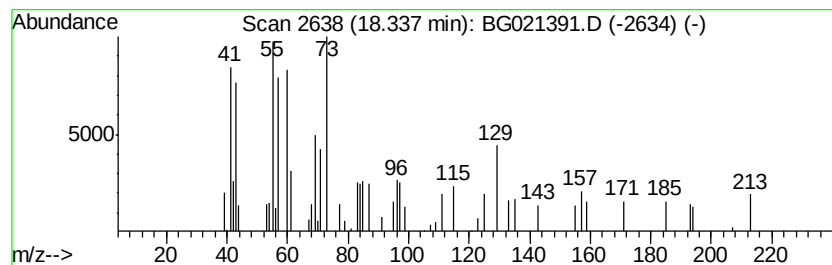
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.34	2.19 ng/ul	27092	Phenanthrene-d10		17.48		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	47
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	46
3			Tridecanoic acid	214	C13H26O2	000638-53-9	43
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.27	2.0	ng/ul	11383	1	8.13	112972	20.0
unknown-02	18.34	2.2	ng/ul	27092	4	17.48	247268	20.0