

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120114\
 Data File : BG015563.D
 Acq On : 1 Dec 2014 15:35
 Operator : TP/JJ
 Sample : F4761-02 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SOILPILE001-111314-001

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\SOM01.2-EPA-BG112514.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	2.934	37	42	51	rBV2	100524	182801	5.16%	0.755%
2	3.010	51	55	60	rBV	72818	91409	2.58%	0.377%
3	3.780	185	186	190	rVB3	9050	9438	0.27%	0.039%
4	3.815	190	192	195	rBV4	6057	8964	0.25%	0.037%
5	5.255	432	437	439	rBV3	6783	11160	0.31%	0.046%
6	6.935	718	723	726	rBV2	24083	33217	0.94%	0.137%
7	7.106	748	752	757	rBV3	14685	22794	0.64%	0.094%
8	7.305	782	786	792	rVB4	18592	31047	0.88%	0.128%
9	7.770	856	865	872	rBV	404838	652763	18.42%	2.695%
10	8.463	979	983	990	rBV4	23952	43443	1.23%	0.179%
11	8.921	1055	1061	1068	rVB2	19206	43033	1.21%	0.178%
12	9.644	1178	1184	1189	rVB6	18093	33417	0.94%	0.138%
13	10.173	1270	1274	1280	rVB3	24641	42371	1.20%	0.175%
14	10.555	1331	1339	1348	rBV	524994	918954	25.92%	3.793%
15	12.217	1620	1622	1628	rVB	18340	23880	0.67%	0.099%
16	12.441	1656	1660	1664	rVB3	14891	24209	0.68%	0.100%
17	13.234	1791	1795	1798	rBV3	9229	12883	0.36%	0.053%
18	13.563	1847	1851	1854	rVV3	6072	12209	0.34%	0.050%
19	13.721	1876	1878	1880	rVV3	15615	12341	0.35%	0.051%
20	13.774	1883	1887	1890	rBV2	11767	14736	0.42%	0.061%
21	13.815	1890	1894	1901	rVB2	38769	56031	1.58%	0.231%
22	14.092	1937	1941	1945	rBV2	41418	72649	2.05%	0.300%
23	14.127	1945	1947	1952	rVB2	21064	22963	0.65%	0.095%
24	14.315	1974	1979	1983	rBV5	9170	17873	0.50%	0.074%
25	14.403	1987	1994	2000	rVV2	828616	1218242	34.37%	5.029%
26	14.468	2000	2005	2010	rVB2	25962	40413	1.14%	0.167%
27	14.597	2023	2027	2029	rBV3	19618	28312	0.80%	0.117%
28	14.797	2057	2061	2070	rVB3	26873	53431	1.51%	0.221%
29	14.879	2070	2075	2078	rBV5	9749	15149	0.43%	0.063%
30	15.020	2095	2099	2105	rVB8	13556	23551	0.66%	0.097%
31	15.079	2105	2109	2111	rBV3	11623	14424	0.41%	0.060%
32	15.184	2121	2127	2133	rVB7	7512	17225	0.49%	0.071%
33	15.396	2158	2163	2168	rBV	67950	95045	2.68%	0.392%
34	15.449	2168	2172	2177	rVB4	41053	58469	1.65%	0.241%

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35	15.508	2180	2182	2185	rVB4	10865	9693	0.27%	0.040%
36	15.666	2205	2209	2210	rBV4	8894	11810	0.33%	0.049%
37	15.748	2217	2223	2225	rBV4	18232	25185	0.71%	0.104%
38	15.895	2244	2248	2249	rBV3	12918	16626	0.47%	0.069%
39	16.125	2282	2287	2288	rBV4	16454	19330	0.55%	0.080%
40	16.454	2341	2343	2348	rVB6	14069	20834	0.59%	0.086%
41	16.548	2358	2359	2363	rBV3	9329	9900	0.28%	0.041%
42	16.683	2379	2382	2384	rBV3	9182	10241	0.29%	0.042%
43	16.724	2387	2389	2391	rVV3	11049	9646	0.27%	0.040%
44	16.806	2401	2403	2405	rVV2	18844	15073	0.43%	0.062%
45	16.888	2409	2417	2418	rBV4	19115	37726	1.06%	0.156%
46	16.912	2420	2421	2424	rVV3	10972	13339	0.38%	0.055%
47	16.965	2426	2430	2434	rVV4	30464	45357	1.28%	0.187%
48	17.000	2434	2436	2439	rVB4	10453	9452	0.27%	0.039%
49	17.147	2454	2461	2465	rBV	1226004	1753641	49.47%	7.239%
50	17.188	2465	2468	2473	rVV	499618	663678	18.72%	2.740%
51	17.247	2473	2478	2480	rVV2	85760	121343	3.42%	0.501%
52	17.276	2480	2483	2489	rVV	113831	155360	4.38%	0.641%
53	17.335	2489	2493	2499	rVB9	19956	32751	0.92%	0.135%
54	17.417	2505	2507	2510	rBV4	10221	10396	0.29%	0.043%
55	17.517	2522	2524	2526	rBV2	10404	12035	0.34%	0.050%
56	17.552	2526	2530	2533	rVV	53826	72022	2.03%	0.297%
57	17.664	2548	2549	2555	rVB3	25914	25760	0.73%	0.106%
58	17.729	2557	2560	2564	rVB5	12885	17448	0.49%	0.072%
59	18.022	2606	2610	2614	rVV2	78678	117439	3.31%	0.485%
60	18.069	2614	2618	2626	rVB2	110499	171298	4.83%	0.707%
61	18.152	2628	2632	2635	rVB3	30027	42988	1.21%	0.177%
62	18.216	2638	2643	2647	rVV3	114276	198706	5.61%	0.820%
63	18.251	2647	2649	2656	rVB2	55670	73333	2.07%	0.303%
64	18.322	2656	2661	2662	rBV4	12772	18203	0.51%	0.075%
65	18.528	2692	2696	2699	rBV	66291	91295	2.58%	0.377%
66	18.557	2699	2701	2707	rVB3	67485	98958	2.79%	0.408%
67	18.604	2707	2709	2711	rBV3	8999	9380	0.26%	0.039%
68	18.645	2715	2716	2718	rBV2	15933	10235	0.29%	0.042%
69	18.768	2735	2737	2741	rVB4	25136	30092	0.85%	0.124%
70	18.862	2750	2753	2755	rVB3	25888	27593	0.78%	0.114%
71	18.945	2762	2767	2770	rBV3	75480	122638	3.46%	0.506%

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72	19.080	2786	2790	2794	rBV2	80977	113257	3.20%	0.468%
73	19.203	2806	2811	2817	rVB	1337494	1779593	50.20%	7.346%
74	19.297	2825	2827	2828	rBV2	22699	14879	0.42%	0.061%
75	19.479	2856	2858	2861	rVB3	27481	20850	0.59%	0.086%
76	19.538	2863	2868	2869	rVV2	317082	387004	10.92%	1.597%
77	19.568	2869	2873	2881	rVV	1175343	1613027	45.51%	6.658%
78	19.644	2881	2886	2891	rVB3	76257	121695	3.43%	0.502%
79	19.750	2899	2904	2909	rBV	79200	113012	3.19%	0.466%
80	19.808	2911	2914	2920	rVB2	61659	87637	2.47%	0.362%
81	19.891	2923	2928	2934	rBV6	96133	214454	6.05%	0.885%
82	20.032	2947	2952	2953	rBV3	71250	110276	3.11%	0.455%
83	20.061	2954	2957	2961	rVB2	171442	223413	6.30%	0.922%
84	20.161	2971	2974	2978	rBV	108366	133546	3.77%	0.551%
85	20.220	2978	2984	2988	rVV4	125398	189947	5.36%	0.784%
86	20.302	2995	2998	3003	rBV6	36806	53866	1.52%	0.222%
87	20.361	3005	3008	3011	rVV2	71439	72616	2.05%	0.300%
88	20.807	3081	3084	3089	rVB2	139197	177744	5.01%	0.734%
89	20.972	3106	3112	3116	rBV4	132190	271895	7.67%	1.122%
90	21.013	3116	3119	3122	rVV	137580	173551	4.90%	0.716%
91	21.048	3122	3125	3131	rVV3	151273	281644	7.95%	1.163%
92	21.101	3131	3134	3142	rVB2	139192	236096	6.66%	0.975%
93	21.324	3165	3172	3176	rBV2	2177279	3544721	100.00%	14.632%
94	21.365	3176	3179	3185	rVB	636827	850371	23.99%	3.510%
95	21.483	3195	3199	3204	rBV2	100308	155615	4.39%	0.642%
96	22.922	3438	3444	3449	rBV	568259	1280408	36.12%	5.285%
97	23.410	3522	3527	3533	rBV	269381	542785	15.31%	2.241%
98	23.510	3539	3544	3552	rVB	398837	763050	21.53%	3.150%
99	23.610	3555	3561	3568	rBV	1083755	2130272	60.10%	8.793%
100	25.937	3951	3957	3966	rVB4	165397	478870	13.51%	1.977%

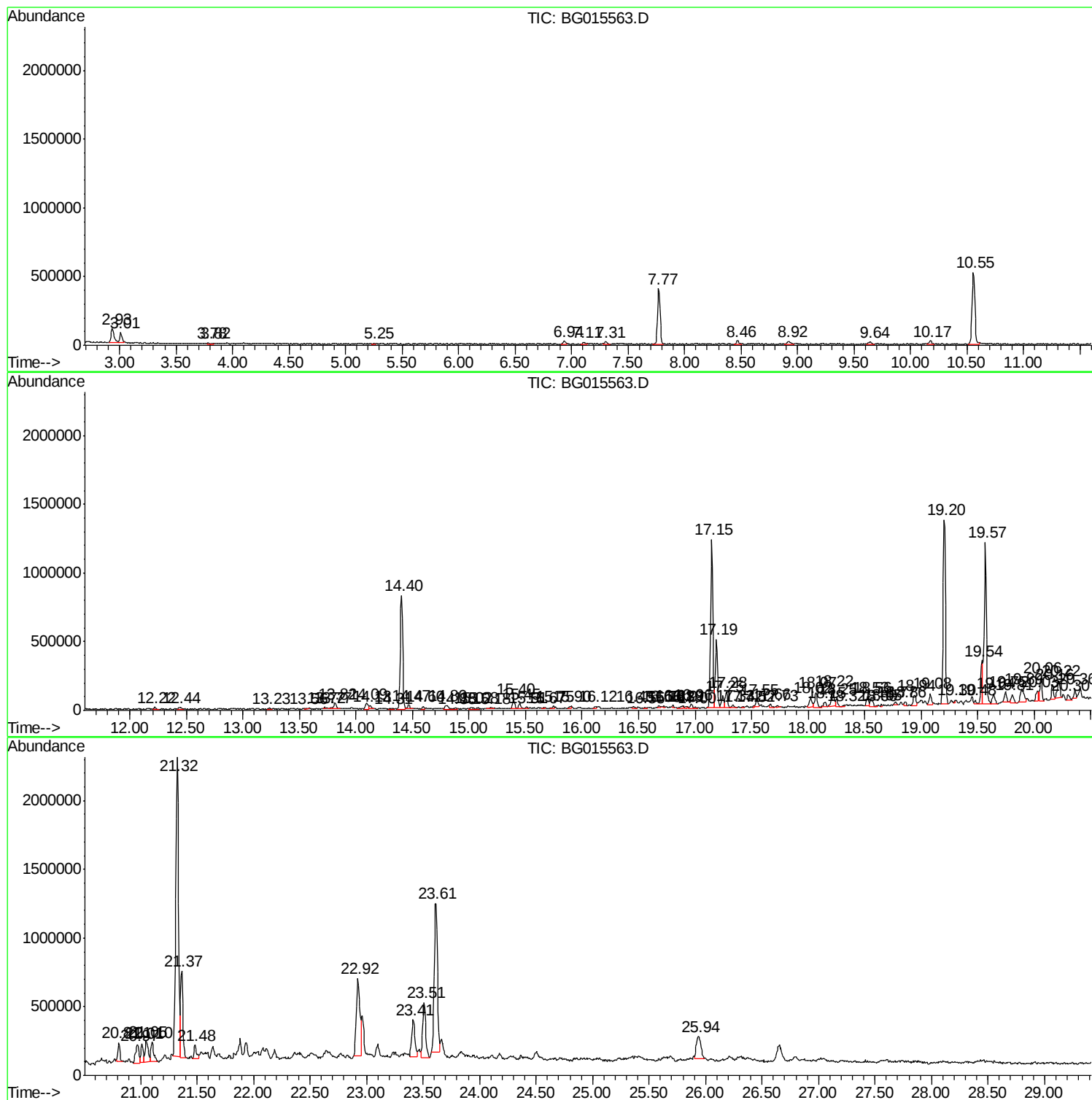
Sum of corrected areas: 24225744

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION

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



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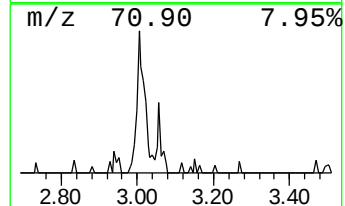
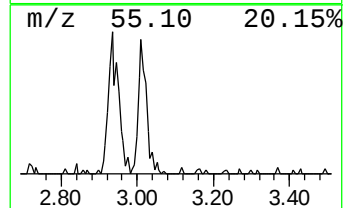
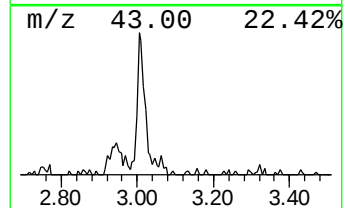
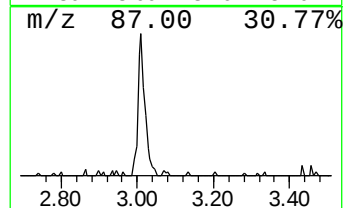
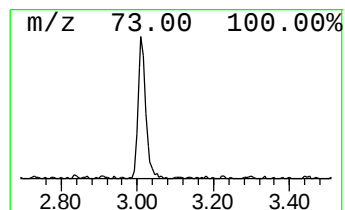
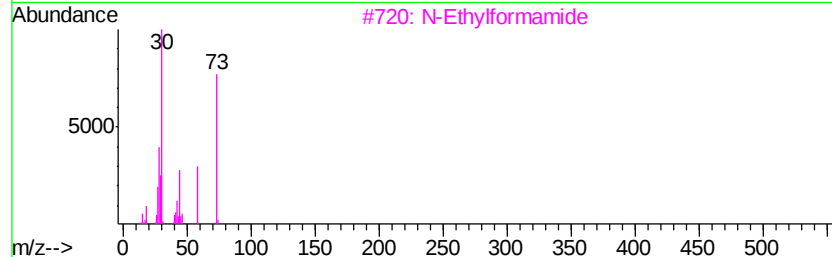
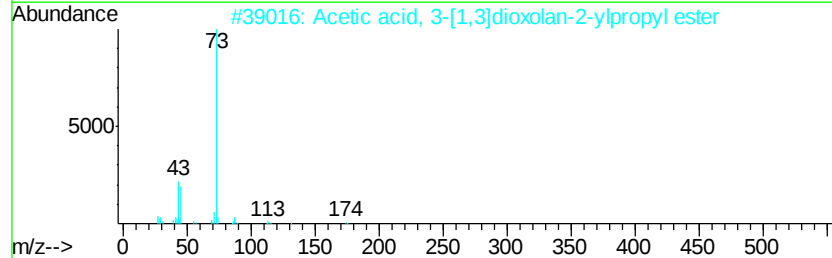
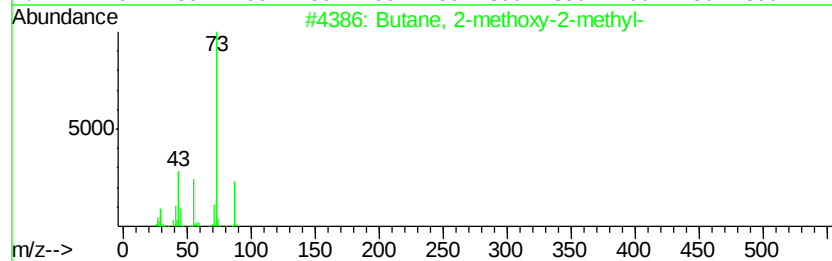
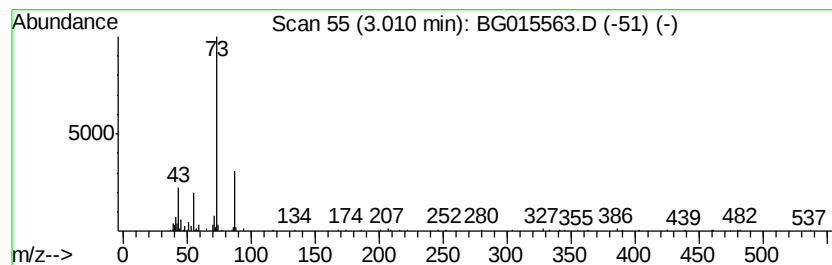
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	2.80 ng/ul	91409	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2		Acetic acid, 3-[1,3]dioxolan-2-yl...	174	C8H14O4	1000186-02-3	22
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5		1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9



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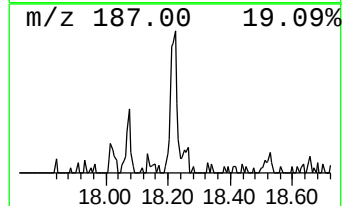
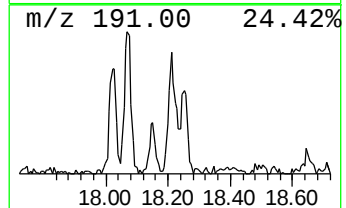
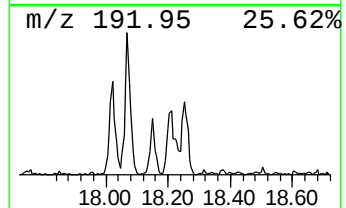
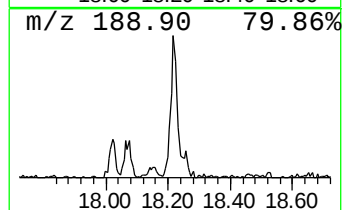
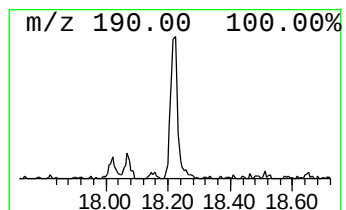
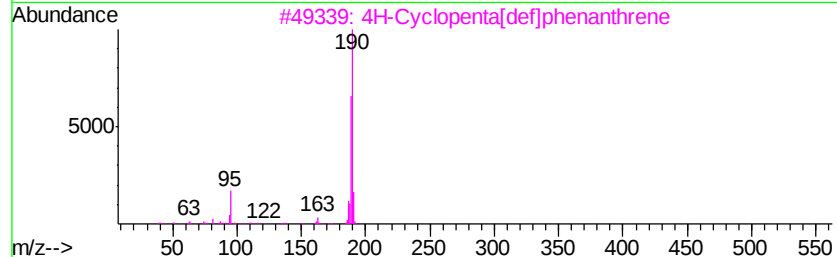
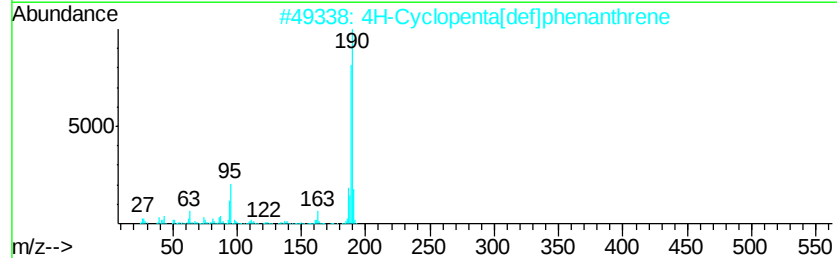
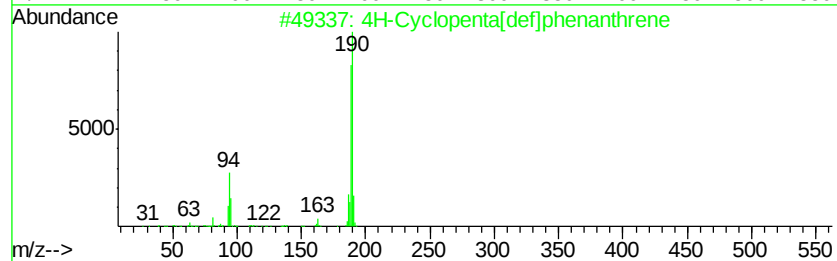
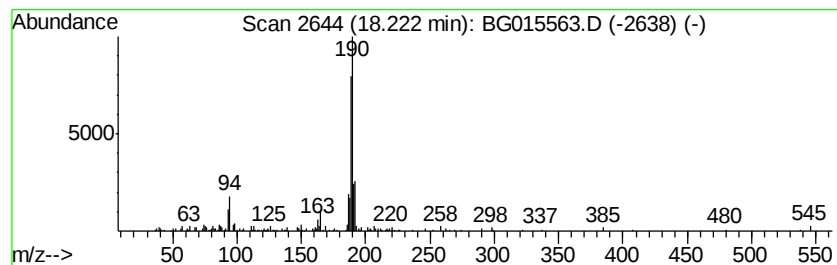
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.22	2.27 ng/ul	198706	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	36
5		6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	23



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.01	2.8	ng/ul	91409	1	7.77	652763	20.0
4H-Cyclopenta[def...	18.22	2.3	ng/ul	198706	4	17.15	1753640	20.0