

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
 Data File : BG023763.D
 Acq On : 18 Aug 2016 18:32
 Operator : UM/SJ
 Sample : H4460-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BD2S3

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-BG081816.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	3.119	46	48	49	rVB2	6831	4094	0.11%	0.012%
2	3.413	94	98	100	rBV4	4679	6384	0.18%	0.019%
3	3.466	105	107	108	rBV	6748	4835	0.14%	0.015%
4	3.542	118	120	123	rVB2	5723	5736	0.16%	0.017%
5	3.595	128	129	133	rVB3	4042	3802	0.11%	0.011%
6	3.742	151	154	155	rVB3	4874	4214	0.12%	0.013%
7	3.754	155	156	161	rBV4	4565	5617	0.16%	0.017%
8	4.235	235	238	242	rVB4	8696	11867	0.33%	0.036%
9	4.605	297	301	302	rVB3	4117	4853	0.14%	0.015%
10	5.122	387	389	391	rVB3	4786	3863	0.11%	0.012%
11	5.381	429	433	435	rBV3	2981	4242	0.12%	0.013%
12	5.798	501	504	506	rVB	3201	4085	0.11%	0.012%
13	5.898	519	521	524	rBV3	5011	5324	0.15%	0.016%
14	6.473	616	619	623	rBV2	4150	5080	0.14%	0.015%
15	6.996	706	708	712	rVV2	4439	5833	0.16%	0.018%
16	7.061	715	719	721	rVB4	4100	6126	0.17%	0.019%
17	7.155	733	735	737	rBV	3751	4624	0.13%	0.014%
18	7.255	746	752	760	rBV2	92213	169008	4.75%	0.511%
19	7.407	772	778	788	rBV	363307	619088	17.39%	1.870%
20	7.625	808	815	824	rBV	364372	631889	17.75%	1.909%
21	7.707	827	829	831	rBV3	3976	4636	0.13%	0.014%
22	8.095	889	895	904	rBV	428587	721891	20.27%	2.181%
23	8.153	904	905	910	rVB4	6520	5186	0.15%	0.016%
24	8.759	1004	1008	1009	rBV	3732	3826	0.11%	0.012%
25	8.811	1009	1017	1027	rVV	279258	512520	14.39%	1.548%
26	8.929	1034	1037	1040	rVB3	3460	4171	0.12%	0.013%
27	9.275	1088	1096	1110	rBV	476107	871650	24.48%	2.633%
28	9.416	1119	1120	1125	rVB3	5523	5591	0.16%	0.017%
29	9.651	1156	1160	1162	rVV4	7633	8490	0.24%	0.026%
30	9.740	1172	1175	1177	rBV4	5323	6559	0.18%	0.020%
31	10.004	1212	1220	1231	rBV	413410	763846	21.45%	2.308%
32	10.268	1263	1265	1269	rBV3	3614	4721	0.13%	0.014%
33	10.556	1306	1314	1328	rBV2	482080	993315	27.90%	3.001%
34	10.932	1370	1378	1390	rVB	584179	1077504	30.26%	3.255%

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 Title : SVOA CALIBRATION

35	11.079	1396	1403	1409	rBV3	41448	84855	2.38%	0.256%
36	11.754	1515	1518	1519	rBV2	5477	4623	0.13%	0.014%
37	12.154	1582	1586	1590	rVB4	8843	13048	0.37%	0.039%
38	12.530	1645	1650	1655	rVB3	9164	16704	0.47%	0.050%
39	13.111	1746	1749	1751	rVB3	5223	5322	0.15%	0.016%
40	13.364	1788	1792	1794	rVB2	7183	9517	0.27%	0.029%
41	13.499	1811	1815	1818	rBV	2762	3947	0.11%	0.012%
42	13.634	1834	1838	1846	rBV5	6791	13812	0.39%	0.042%
43	13.816	1867	1869	1874	rBV2	3863	6158	0.17%	0.019%
44	14.163	1921	1928	1934	rBV	1288965	1881997	52.85%	5.686%
45	14.463	1972	1979	1989	rVB	1305825	2030332	57.02%	6.134%
46	14.768	2023	2031	2038	rBV2	946552	1563033	43.90%	4.722%
47	14.921	2054	2057	2062	rBV2	2636	5746	0.16%	0.017%
48	15.015	2067	2073	2079	rBV3	57304	131049	3.68%	0.396%
49	15.438	2140	2145	2148	rBV3	2225	4146	0.12%	0.013%
50	15.496	2148	2155	2161	rVV	176046	247441	6.95%	0.748%
51	15.543	2161	2163	2165	rVB2	7695	6243	0.18%	0.019%
52	15.767	2194	2201	2210	rBV	1742516	2705601	75.98%	8.174%
53	15.896	2217	2223	2232	rBV2	623454	992757	27.88%	2.999%
54	16.002	2237	2241	2247	rVV4	24186	44804	1.26%	0.135%
55	16.348	2297	2300	2302	rVB3	5369	5206	0.15%	0.016%
56	16.536	2329	2332	2333	rBV	4202	5227	0.15%	0.016%
57	16.548	2333	2334	2339	rVB3	5827	7534	0.21%	0.023%
58	16.595	2339	2342	2344	rBV3	4082	4639	0.13%	0.014%
59	16.724	2360	2364	2367	rVV2	7469	11184	0.31%	0.034%
60	16.801	2372	2377	2379	rVV3	3795	5917	0.17%	0.018%
61	17.071	2420	2423	2424	rBV2	3821	4142	0.12%	0.013%
62	17.112	2427	2430	2432	rVV3	5260	5015	0.14%	0.015%
63	17.312	2460	2464	2465	rBV2	8630	9399	0.26%	0.028%
64	17.388	2475	2477	2479	rBV2	3705	4162	0.12%	0.013%
65	17.429	2481	2484	2489	rVB4	8067	13266	0.37%	0.040%
66	17.529	2494	2501	2510	rVV2	1291867	1952778	54.84%	5.900%
67	17.629	2510	2518	2526	rVV2	1864002	2998505	84.21%	9.059%
68	17.788	2541	2545	2546	rBV3	4031	4184	0.12%	0.013%
69	17.829	2548	2552	2553	rBV3	3481	4262	0.12%	0.013%
70	17.928	2565	2569	2571	rBV3	5080	6412	0.18%	0.019%
71	18.134	2601	2604	2608	rVV3	28067	36445	1.02%	0.110%

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72	18.175	2609	2611	2614	rVV4	10843	9304	0.26%	0.028%
73	18.404	2646	2650	2651	rBV2	12530	11654	0.33%	0.035%
74	18.481	2660	2663	2665	rVV4	11479	13630	0.38%	0.041%
75	18.516	2667	2669	2673	rVB5	4096	4590	0.13%	0.014%
76	18.763	2710	2711	2716	rVB4	4881	5251	0.15%	0.016%
77	18.927	2737	2739	2742	rBV4	4997	5926	0.17%	0.018%
78	18.951	2742	2743	2746	rVB3	7670	5597	0.16%	0.017%
79	18.986	2746	2749	2750	rBV3	4588	4738	0.13%	0.014%
80	19.074	2762	2764	2766	rBV2	3649	4018	0.11%	0.012%
81	19.174	2776	2781	2787	rBV7	11678	26101	0.73%	0.079%
82	19.233	2789	2791	2794	rBV4	5906	5986	0.17%	0.018%
83	19.385	2815	2817	2819	rBV3	4537	3980	0.11%	0.012%
84	19.473	2827	2832	2833	rBV4	5709	9425	0.26%	0.028%
85	19.562	2842	2847	2851	rBV2	29970	45999	1.29%	0.139%
86	19.673	2862	2866	2869	rBV5	10744	17642	0.50%	0.053%
87	19.703	2869	2871	2875	rVB5	7897	7363	0.21%	0.022%
88	19.814	2886	2890	2895	rVB3	28557	42931	1.21%	0.130%
89	19.855	2895	2897	2898	rBV2	8753	5674	0.16%	0.017%
90	19.926	2902	2909	2920	rVV	2353441	3560721	100.00%	10.757%
91	19.996	2920	2921	2925	rVB4	9564	10944	0.31%	0.033%
92	20.131	2942	2944	2945	rBV2	5768	3794	0.11%	0.011%
93	20.531	3010	3012	3014	rVB3	9043	4543	0.13%	0.014%
94	20.795	3055	3057	3058	rBV2	12833	9268	0.26%	0.028%
95	21.847	3229	3236	3247	rVB2	1438352	2337803	65.66%	7.063%
96	22.540	3350	3354	3359	rVB8	42498	61887	1.74%	0.187%
97	23.356	3489	3493	3499	rBV8	22697	37127	1.04%	0.112%
98	24.995	3761	3772	3785	rVB2	1080599	3220779	90.45%	9.730%
99	25.230	3801	3812	3825	rVB4	706594	2269477	63.74%	6.856%
100	29.648	4562	4564	4566	rBV3	14741	10522	0.30%	0.032%

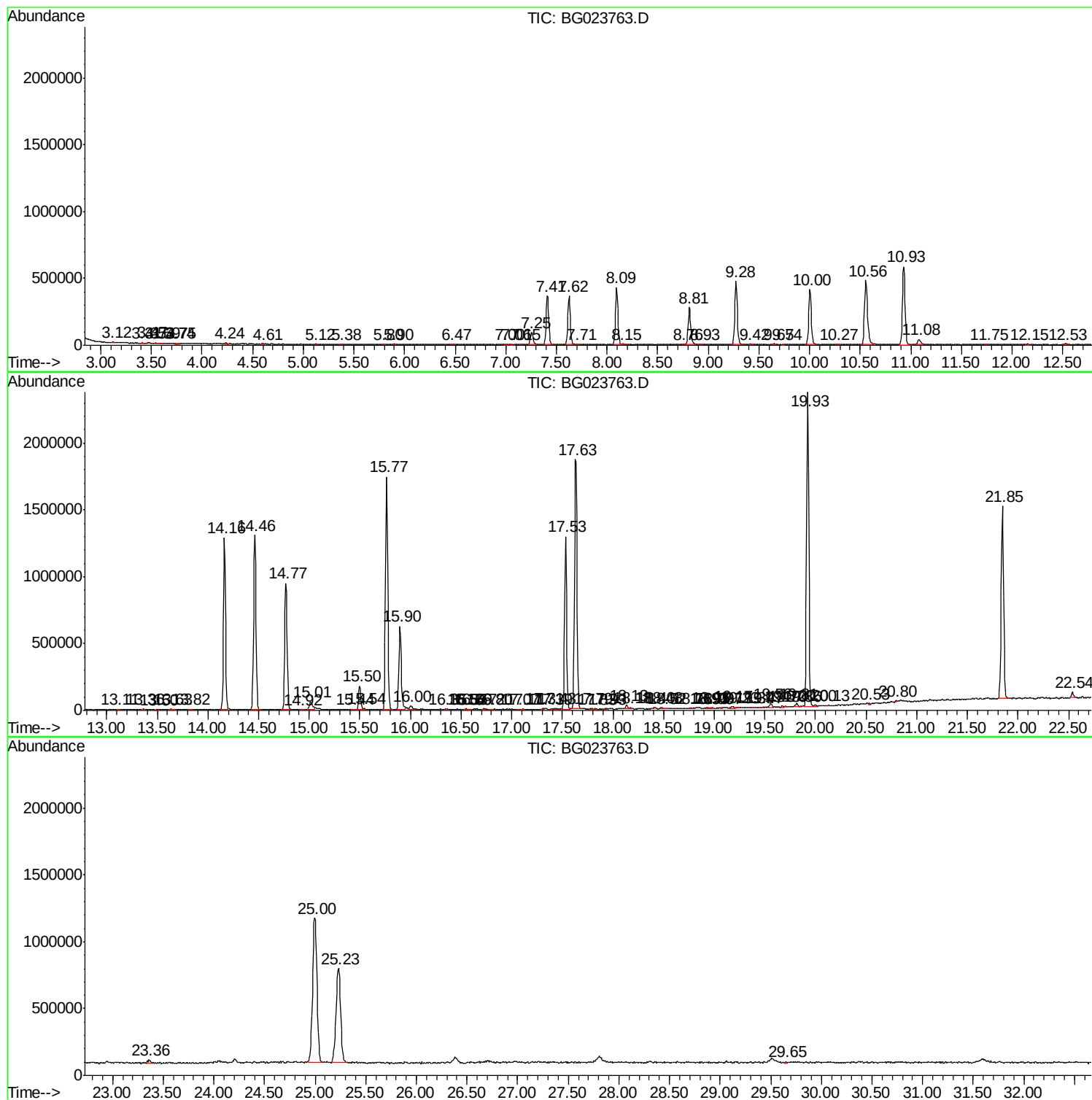
Sum of corrected areas: 33100556

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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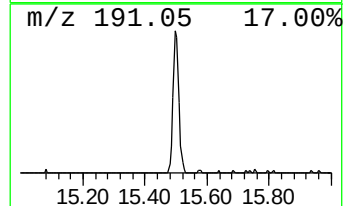
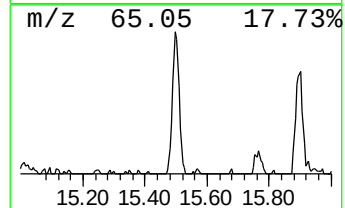
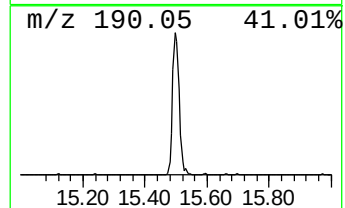
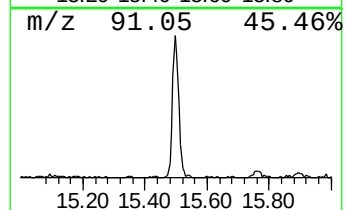
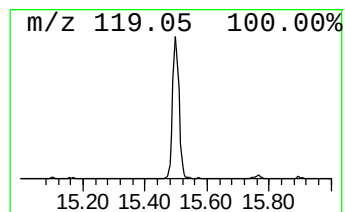
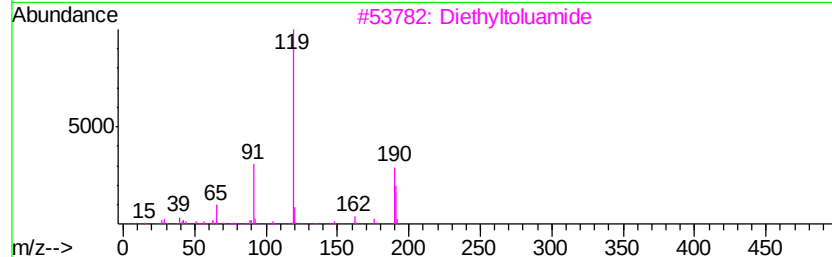
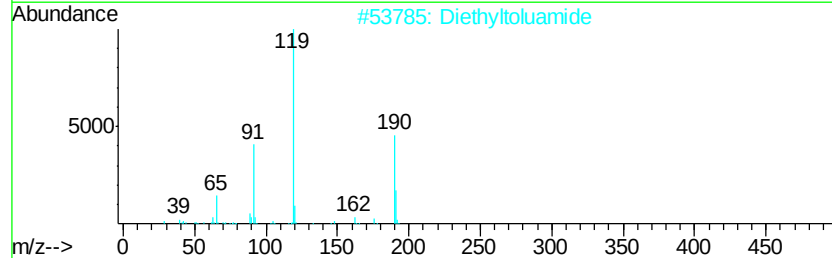
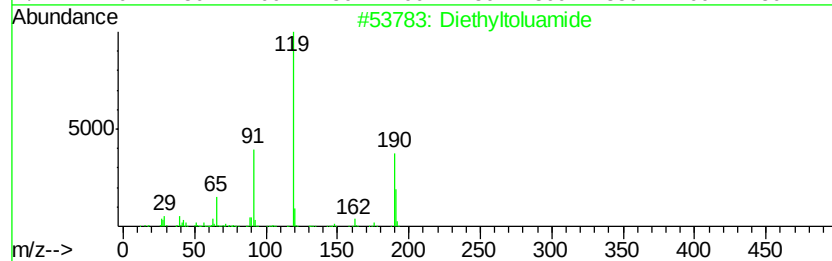
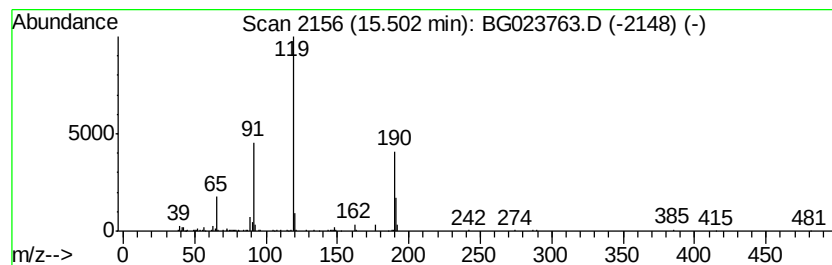
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG081816.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.17 ng/ul	247441	Acenaphthene-d10	14.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191 C12H17NO	000134-62-3	96
2	Diethyltoluamide	191 C12H17NO	000134-62-3	96
3	Diethyltoluamide	191 C12H17NO	000134-62-3	81
4	Benzamide, N,N-diethyl-4-methyl-	191 C12H17NO	002728-05-4	81
5	3-(4-Methylbenzoyl)acrylic acid	190 C11H10O3	020972-36-5	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.50	3.2	ng/ul	247441	3	14.77	1563030	20.0