

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050211.D
 Acq On : 8 Sep 2021 23:31
 Operator : CG/JU
 Sample : M3651-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKN0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050211.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	53	54	58	rBV2	1962	2533	0.22%	0.023%
2	3.616	96	98	102	rBV4	2396	2802	0.24%	0.025%
3	3.751	118	121	131	rBV	24354	55139	4.68%	0.500%
4	3.845	135	137	142	rVV4	3188	4829	0.41%	0.044%
5	4.210	196	199	200	rBV2	3148	2716	0.23%	0.025%
6	4.309	213	216	218	rBV3	2088	2459	0.21%	0.022%
7	4.333	218	220	222	rBV2	3007	2765	0.23%	0.025%
8	4.586	260	263	267	rBV3	2774	3465	0.29%	0.031%
9	4.656	271	275	276	rBV2	2550	3181	0.27%	0.029%
10	4.744	288	290	293	rVV2	2844	3549	0.30%	0.032%
11	4.809	296	301	302	rBV2	3216	4063	0.34%	0.037%
12	4.932	320	322	323	rBV2	4936	4271	0.36%	0.039%
13	5.079	345	347	349	rBV4	2125	2590	0.22%	0.023%
14	5.831	473	475	479	rBV3	1219	2037	0.17%	0.018%
15	6.747	626	631	632	rBV2	1900	2807	0.24%	0.025%
16	7.088	685	689	690	rBV	1987	2587	0.22%	0.023%
17	7.123	690	695	707	rVB	34641	63854	5.42%	0.579%
18	7.217	709	711	713	rBV	1673	2163	0.18%	0.020%
19	7.270	714	720	728	rVB	110374	187583	15.92%	1.700%
20	7.482	749	756	765	rVB	115563	205784	17.47%	1.865%
21	7.946	828	835	844	rVB	126370	212357	18.03%	1.925%
22	8.151	867	870	874	rBV3	2861	4504	0.38%	0.041%
23	8.298	891	895	898	rVB3	1257	2290	0.19%	0.021%
24	8.416	910	915	916	rBV4	2600	3797	0.32%	0.034%
25	8.674	953	959	971	rBV	129030	232634	19.75%	2.109%
26	8.815	980	983	987	rVB4	2729	4193	0.36%	0.038%
27	8.909	995	999	1003	rBV2	2857	5393	0.46%	0.049%
28	9.121	1028	1035	1046	rVB	260531	461461	39.18%	4.183%
29	9.843	1151	1158	1167	rBV2	147558	271791	23.07%	2.464%
30	10.401	1246	1253	1263	rBV	191371	366940	31.15%	3.326%
31	10.554	1276	1279	1283	rBV3	2392	3903	0.33%	0.035%
32	10.765	1307	1315	1323	rVB2	172276	333522	28.31%	3.023%
33	10.906	1333	1339	1349	rBV	173199	329663	27.99%	2.988%
34	12.363	1583	1587	1592	rBV3	3514	6432	0.55%	0.058%
35	14.008	1861	1867	1877	rVB	383742	561759	47.69%	5.092%
36	14.302	1910	1917	1928	rVB	408276	635013	53.91%	5.756%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Title : SVOA CALIBRATION

37	14.607	1962	1969	1978	rVB	289092	429620	36.47%	3.894%
38	14.866	2008	2013	2022	rBV3	16270	37321	3.17%	0.338%
39	15.342	2088	2094	2102	rVB	54722	77285	6.56%	0.701%
40	15.606	2132	2139	2146	rBV	540237	827979	70.29%	7.505%
41	15.741	2157	2162	2177	rBV	157446	257742	21.88%	2.336%
42	15.841	2177	2179	2182	rVB3	3753	3387	0.29%	0.031%
43	17.362	2432	2438	2445	rVB	348521	518527	44.02%	4.700%
44	17.462	2448	2455	2463	rVB2	676805	980381	83.23%	8.886%
45	17.668	2486	2490	2493	rBV2	1481	2244	0.19%	0.020%
46	18.014	2546	2549	2552	rVB2	2187	2392	0.20%	0.022%
47	19.201	2750	2751	2755	rBV3	2057	2165	0.18%	0.020%
48	19.319	2767	2771	2775	rVB4	7533	10210	0.87%	0.093%
49	19.395	2780	2784	2788	rVB3	8791	13069	1.11%	0.118%
50	19.436	2788	2791	2794	rBV3	1581	2438	0.21%	0.022%
51	19.554	2809	2811	2816	rBV3	1301	2239	0.19%	0.020%
52	19.659	2823	2829	2834	rBV4	5190	8642	0.73%	0.078%
53	19.753	2838	2845	2855	rBV	845567	1177935	100.00%	10.677%
54	20.117	2902	2907	2910	rBV4	2410	4730	0.40%	0.043%
55	20.370	2948	2950	2952	rBV3	2809	2190	0.19%	0.020%
56	20.493	2968	2971	2974	rVB3	9043	9519	0.81%	0.086%
57	20.535	2977	2978	2980	rBV2	3206	2329	0.20%	0.021%
58	20.629	2992	2994	2997	rBV3	2651	3258	0.28%	0.030%
59	20.699	3002	3006	3010	rBV	41961	49780	4.23%	0.451%
60	21.116	3075	3077	3078	rBV2	3415	2707	0.23%	0.025%
61	21.269	3099	3103	3105	rBV4	11168	14855	1.26%	0.135%
62	21.380	3120	3122	3125	rBV4	4653	5135	0.44%	0.047%
63	21.633	3159	3165	3173	rVB	352103	562036	47.71%	5.094%
64	22.320	3280	3282	3285	rBV4	3259	3177	0.27%	0.029%
65	22.561	3321	3323	3326	rBV4	3218	3001	0.25%	0.027%
66	22.608	3330	3331	3334	rBV3	3553	2565	0.22%	0.023%
67	23.084	3406	3412	3418	rVB9	7276	18835	1.60%	0.171%
68	23.607	3499	3501	3505	rBV4	5818	8198	0.70%	0.074%
69	23.713	3517	3519	3520	rBV	7182	5551	0.47%	0.050%
70	23.801	3532	3534	3537	rBV3	5544	6937	0.59%	0.063%
71	23.848	3540	3542	3543	rVV2	5386	3759	0.32%	0.034%
72	23.883	3544	3548	3555	rVB8	13566	25987	2.21%	0.236%
73	24.241	3607	3609	3611	rVB3	4145	2318	0.20%	0.021%
74	24.623	3663	3674	3689	rBV	420834	1177277	99.94%	10.671%
75	24.846	3700	3712	3725	rVB2	212158	627138	53.24%	5.684%
76	24.934	3725	3727	3729	rBV3	3268	3573	0.30%	0.032%

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 Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Title : SVOA CALIBRATION

77	25.328	3792	3794	3797	rBV2	2757	2313	0.20%	0.021%
78	25.393	3804	3805	3808	rBV3	3345	2635	0.22%	0.024%
79	26.203	3941	3943	3945	rBV3	3117	2913	0.25%	0.026%
80	27.167	4105	4107	4112	rVB6	5415	7036	0.60%	0.064%
81	27.825	4218	4219	4224	rBV5	3845	5046	0.43%	0.046%
82	29.158	4444	4446	4448	rBV3	4118	3119	0.26%	0.028%
83	29.182	4448	4450	4451	rBV	4286	2526	0.21%	0.023%
84	29.252	4460	4462	4463	rBV2	5522	3907	0.33%	0.035%
85	29.329	4474	4475	4481	rBV5	7132	13412	1.14%	0.122%
86	29.493	4501	4503	4505	rBV3	10367	11025	0.94%	0.100%
87	29.640	4527	4528	4529	rBV	8049	5346	0.45%	0.048%
88	29.746	4545	4546	4551	rBV4	5461	4282	0.36%	0.039%
89	29.869	4566	4567	4568	rBV	5630	3754	0.32%	0.034%
90	29.963	4581	4583	4586	rBV2	4935	4712	0.40%	0.043%
91	30.063	4598	4600	4602	rBV3	3836	2640	0.22%	0.024%
92	30.198	4620	4623	4625	rBV2	9626	11356	0.96%	0.103%
93	30.521	4676	4678	4683	rBV5	3671	5038	0.43%	0.046%
94	30.721	4710	4712	4713	rBV2	4992	4807	0.41%	0.044%
95	31.091	4773	4775	4778	rBV4	5287	5863	0.50%	0.053%
96	31.155	4784	4786	4790	rBV4	6310	8497	0.72%	0.077%
97	31.202	4793	4794	4796	rBV2	6791	3550	0.30%	0.032%
98	31.819	4897	4899	4900	rBV2	4475	3221	0.27%	0.029%
99	32.095	4943	4946	4948	rBV4	6615	8298	0.70%	0.075%
100	32.389	4991	4996	4997	rBV4	7567	11961	1.02%	0.108%

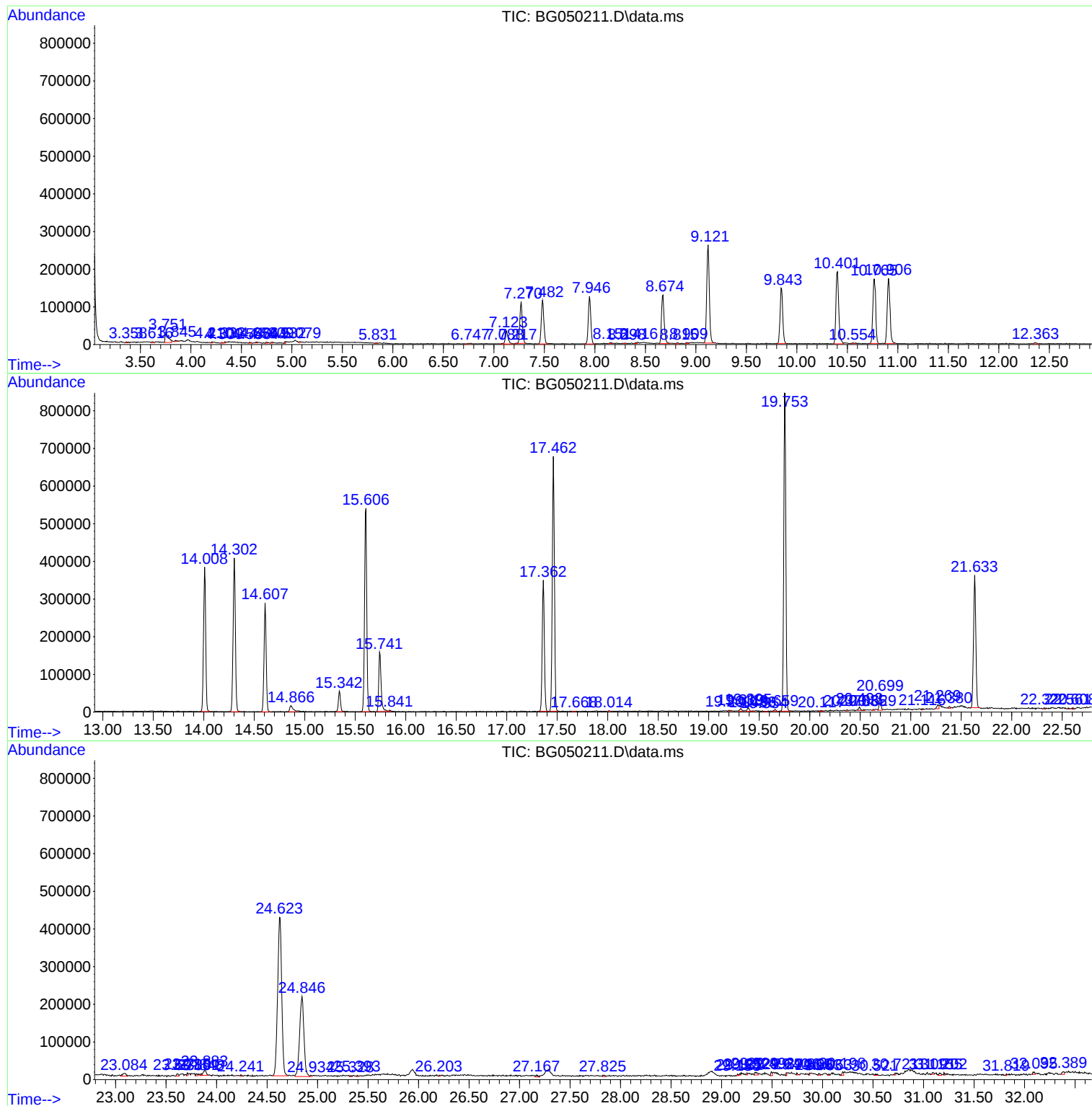
Sum of corrected areas: 11032517

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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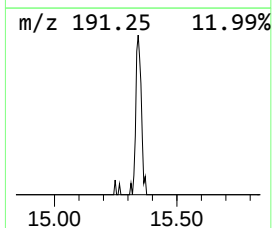
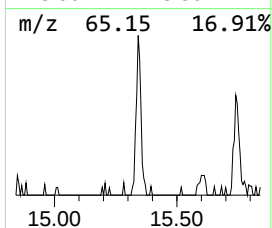
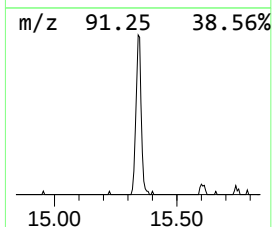
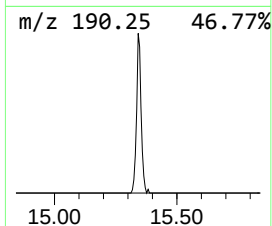
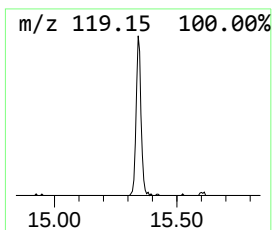
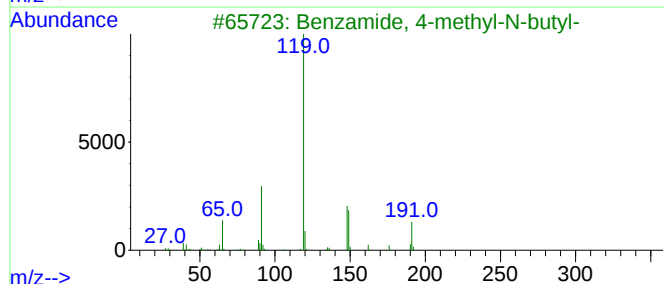
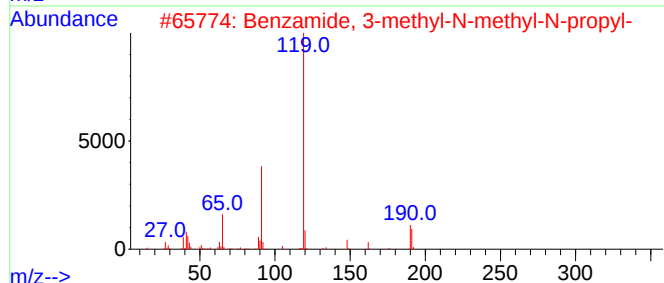
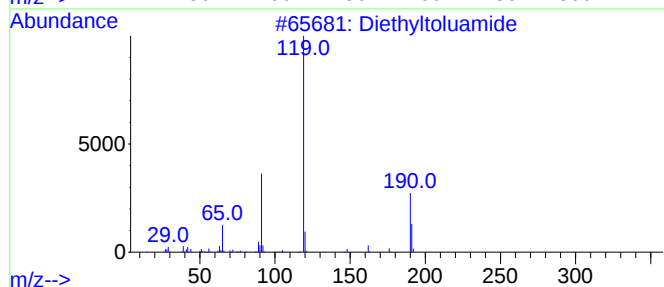
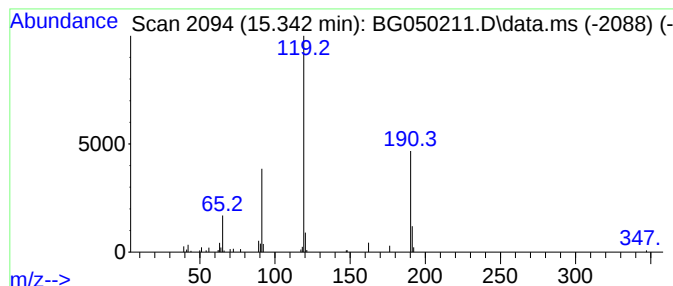
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	3.60 ng/ul	77285	Acenaphthene-d10	14.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	93
2			Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81
3			Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5			Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	68



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.342	3.6	ng/ul	77285	3	14.607	429620	20.0