

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005786.D
 Acq On : 19 May 2019 11:28
 Operator : JU/SJ
 Sample : K2694-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHG3

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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	3.158	26	29	42	rVB2	131788	252072	5.33%	0.696%
2	6.769	638	643	657	rVB2	73283	174943	3.70%	0.483%
3	6.917	663	668	681	rVB	299823	502041	10.62%	1.386%
4	7.111	695	701	718	rVB	348676	666239	14.09%	1.839%
5	7.505	764	768	773	rBV	56434	85241	1.80%	0.235%
6	7.569	773	779	788	rVB	341363	626191	13.25%	1.728%
7	8.281	895	900	914	rVB	244536	472459	9.99%	1.304%
8	8.716	968	974	992	rBV	437613	809887	17.13%	2.236%
9	9.434	1090	1096	1108	rBV	379453	692406	14.65%	1.911%
10	9.975	1182	1188	1214	rBV	318492	958435	20.27%	2.646%
11	10.328	1241	1248	1259	rVB	563558	947581	20.04%	2.616%
12	10.522	1276	1281	1283	rBV5	16582	26023	0.55%	0.072%
13	10.722	1313	1315	1323	rVB2	2847	5079	0.11%	0.014%
14	11.975	1523	1528	1535	rVB3	5008	11111	0.24%	0.031%
15	13.022	1701	1706	1715	rVB4	8357	13825	0.29%	0.038%
16	13.628	1802	1809	1824	rBV	1180192	1887713	39.93%	5.211%
17	13.899	1848	1855	1869	rBV	1435442	2147730	45.43%	5.928%
18	14.210	1901	1908	1921	rVB2	928565	1450197	30.67%	4.003%
19	14.499	1952	1957	1977	rBV4	30681	122642	2.59%	0.339%
20	14.969	2032	2037	2044	rBV	270147	380525	8.05%	1.050%
21	15.022	2044	2046	2050	rVV2	8161	10561	0.22%	0.029%
22	15.210	2071	2078	2092	rBV	1762526	2738448	57.92%	7.559%
23	15.369	2100	2105	2116	rBV	434527	807168	17.07%	2.228%
24	15.457	2116	2120	2125	rVB	22736	38493	0.81%	0.106%
25	15.998	2207	2212	2217	rBV2	6256	7885	0.17%	0.022%
26	16.822	2348	2352	2355	rBV2	2638	4744	0.10%	0.013%
27	16.969	2370	2377	2387	rBV	1361036	1924321	40.70%	5.312%
28	17.069	2387	2394	2414	rVB	2020090	3137431	66.36%	8.660%
29	19.022	2722	2726	2734	rVB	21394	27204	0.58%	0.075%
30	19.269	2764	2768	2775	rVB	16853	22057	0.47%	0.061%
31	19.386	2781	2788	2801	rBV	2711367	4025307	85.14%	11.111%
32	20.998	3060	3062	3066	rBV4	5020	5558	0.12%	0.015%
33	21.204	3092	3097	3113	rBV	1614706	2562397	54.20%	7.073%
34	21.369	3121	3125	3130	rVB2	28056	29522	0.62%	0.081%

LSC Area Percent Report

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35	21.798	3195	3198	3203	rBV	53273	59198	1.25%	0.163%
36	22.251	3271	3275	3280	rBV	101384	130318	2.76%	0.360%
37	22.704	3348	3352	3355	rVB3	17732	23373	0.49%	0.065%
38	22.751	3355	3360	3366	rVB	127414	174612	3.69%	0.482%
39	23.275	3441	3449	3464	rBV2	2441840	4727720	100.00%	13.050%
40	23.416	3465	3473	3490	rVB	1298918	2729689	57.74%	7.535%
41	23.922	3554	3559	3565	rVB	141362	247312	5.23%	0.683%
42	24.633	3675	3680	3690	rVB2	113982	239430	5.06%	0.661%
43	25.469	3817	3822	3833	rVB3	73980	178495	3.78%	0.493%
44	26.457	3984	3990	3998	rVB3	58130	144462	3.06%	0.399%

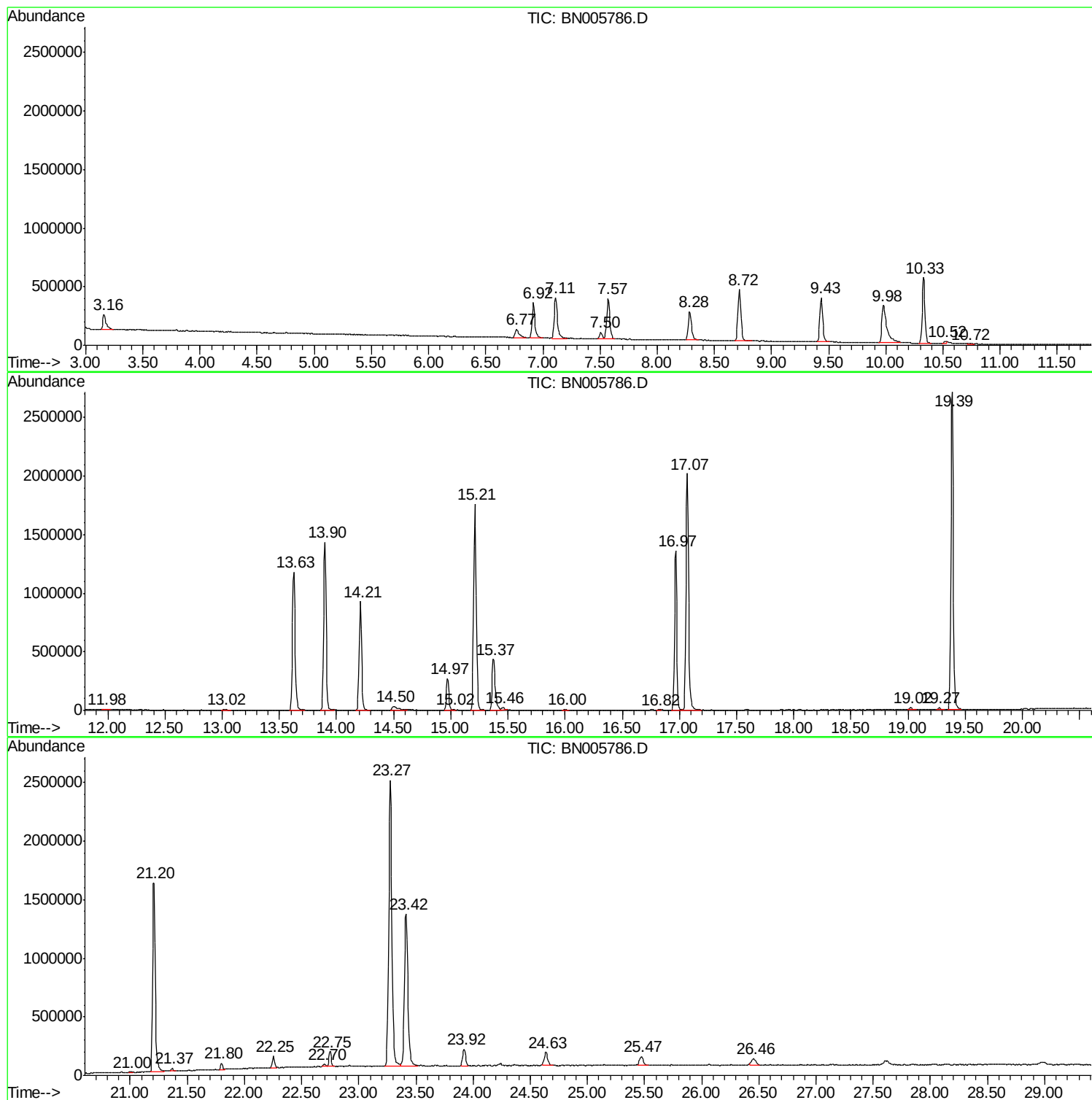
Sum of corrected areas: 36228045

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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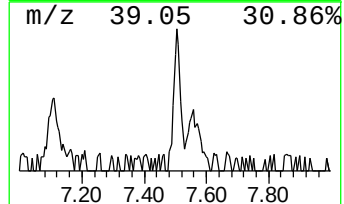
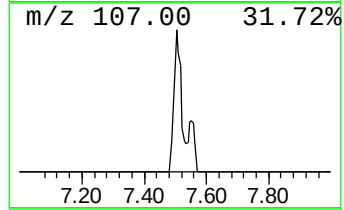
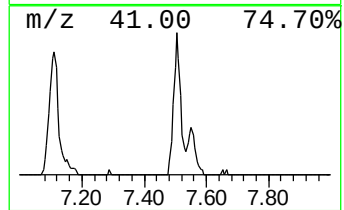
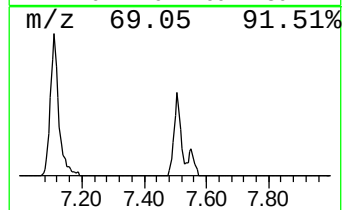
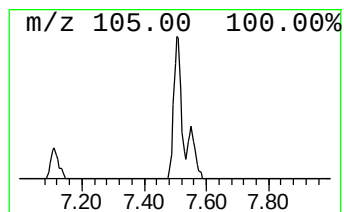
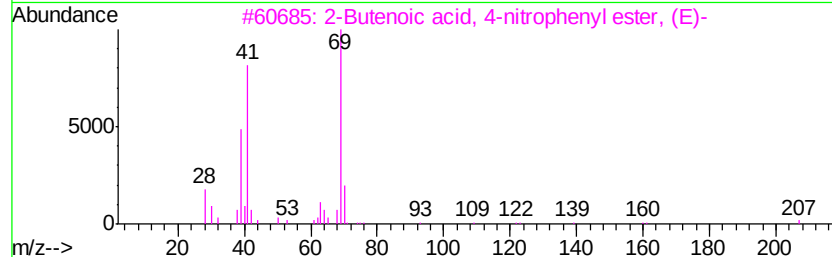
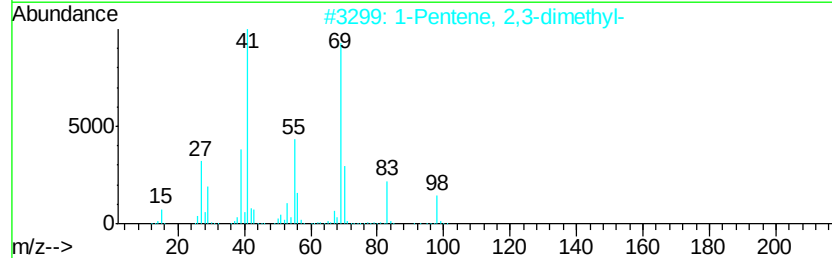
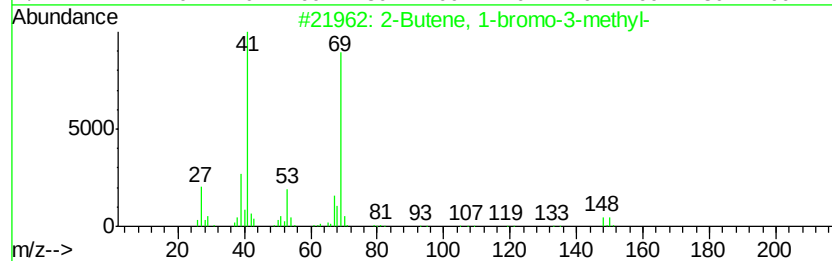
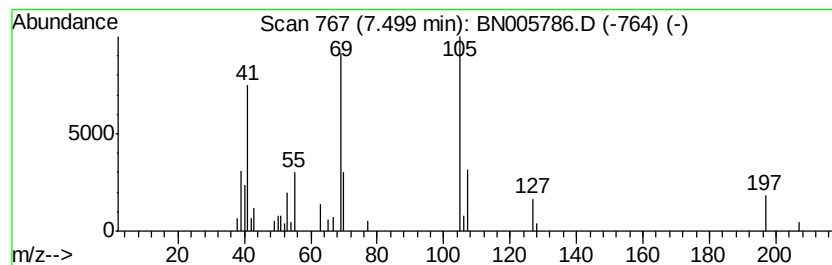
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.72 ng/ul	85241	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	32
2		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	32
3		2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	25
4		2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	25
5		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	25



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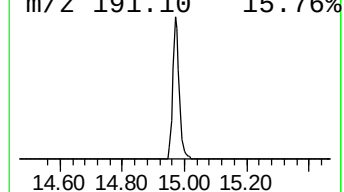
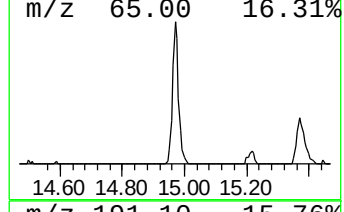
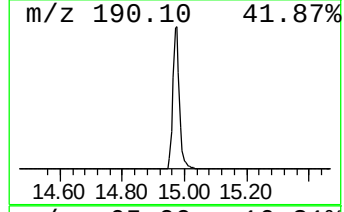
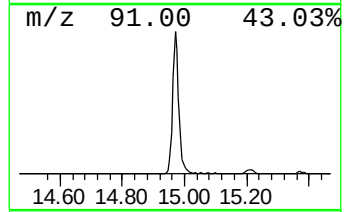
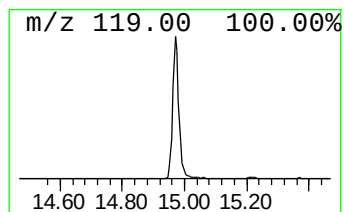
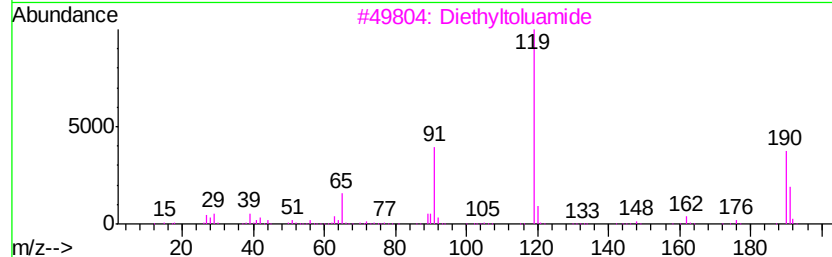
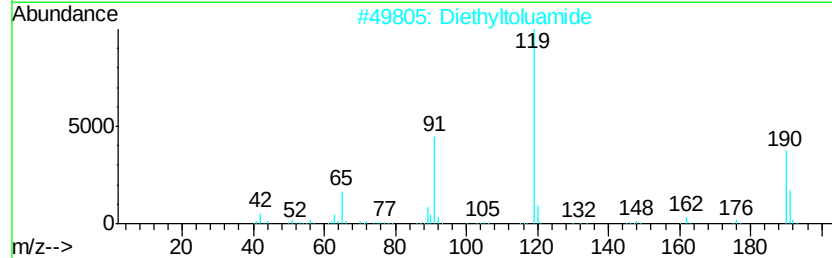
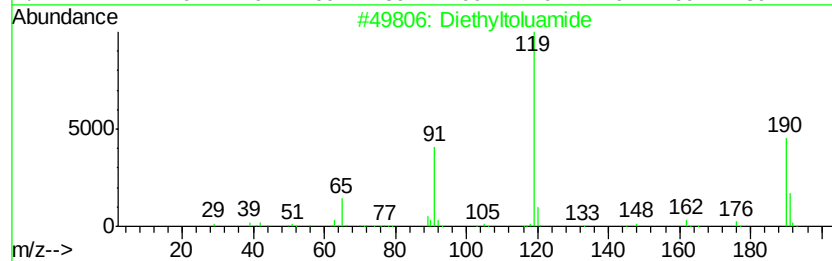
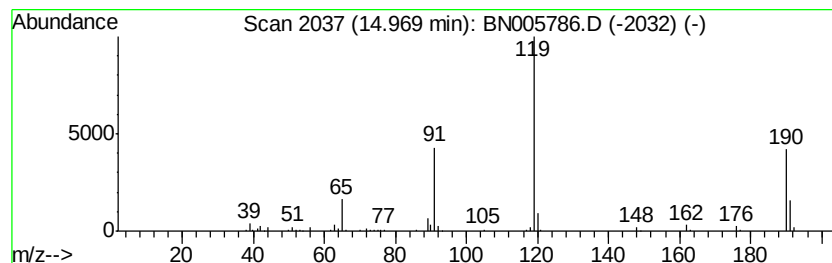
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Peak Number 2 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	5.25 ng/ul	380525	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2		Diethyltoluamide	191	C12H17NO	000134-62-3	96
3		Diethyltoluamide	191	C12H17NO	000134-62-3	93
4		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
5		Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	53



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	7.50	2.7	ng/ul	85241	1	7.57	626191	20.0
Diethyltoluamide	14.97	5.3	ng/ul	380525	3	14.21	1450200	20.0