LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022389.D
Acq On : 28 Oct 2022 18:25
Operator : CG/JU
Sample : N5233-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BHA62

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_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	38	42	47	rBV	30239	36192	1.21%	0.120%
2	3.681	115	118	137	rBV	70611	125142	4.18%	0.413%
3	3.911	151	157	163	rVB	20313	33054	1.10%	0.109%
4	4.011	170	174	183	rVB	11813	17118	0.57%	0.057%
5	4.405	238	241	247	rVB6	3626	5546	0.19%	0.018%
6	4.981	332	339	347	rBV	66144	102401	3.42%	0.338%
7	7.081	690	696	711	rVB	116698	193603	6.47%	0.640%
8	7.252	718	725	737	rBV	521325	814039	27.20%	2.689%
9	7.446	752	758	768	rBV	466677	747332	24.97%	2.469%
10	7.922	833	839	849	rBV	558526	878416	29.35%	2.902%
11	8.646	954	962	974	rBV	344671	558663	18.67%	1.845%
12	9.105	1033	1040	1051	rBV	566542	929779	31.07%	3.071%
13	9.493	1097	1106	1109	rBV4	2709	5290	0.18%	0.017%
14	9.828	1155	1163	1177	rBV	428063	724526	24.21%	2.393%
15	10.369	1247	1255	1270	rBV	594306	1018552	34.03%	3.365%
16	10.752	1311	1320	1328	rBV	745459	1242448	41.51%	4.104%
17	10.899	1338	1345	1360	rBV	425553	775181	25.90%	2.561%
18	11.928	1516	1520	1527	rBV5	2105	4470	0.15%	0.015%
19	12.352	1587	1592	1595	rBV2	9370	15450	0.52%	0.051%
20	12.393	1595	1599	1615	rVB2	17724	49057	1.64%	0.162%
21	12.940	1687	1692	1698	rBV6	2385	4920	0.16%	0.016%
22	13.410	1767	1772	1777	rVB6	2289	3819	0.13%	0.013%
23	13.563	1794	1798	1803	rBV3	2165	3354	0.11%	0.011%
24	13.863	1843	1849	1856	rVB6	2626	5305	0.18%	0.018%
25	14.010	1864	1874	1887	rBV	1140969	1545730	51.65%	5.106%
26	14.293	1915	1922	1932	rBV	1322162	1897058	63.38%	6.267%
27	14.481	1952	1954	1959	rVB5	2483	3088	0.10%	0.010%
28	14.598	1967	1974	1984	rVB	1046782	1527170	51.03%	5.045%
29	14.810	2004	2010	2026	rBV	70729	133326	4.45%	0.440%
30	15.004	2040	2043	2045	rBV3	2640	3542	0.12%	0.012%
31	15.345	2094	2101	2111	rBV	128966	180068	6.02%	0.595%
32	15.593	2136	2143	2151	rBV	1620626	2336926	78.08%	7.720%
33	15.722	2158	2165	2179	rBV	512214	706602	23.61%	2.334%
34	15.834	2179	2184	2187	rBV2	6348	8020	0.27%	0.026%
35	16.840	2351	2355	2360	rBV	7175	9368	0.31%	0.031%
36	17.351	2436	2442	2450	rBV	1113019	1648352	55.07%	5.445%

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Title : SVOA CALIBRATION

37	17.451	2453	2459	2476	rVB2	1830892	2598934	86.84%	8.585%
38	17.734	2505	2507	2514	rVB6	2426	4996	0.17%	0.017%
39	18.022	2553	2556	2560	rBV4	3843	4924	0.16%	0.016%
40	18.239	2590	2593	2601	rBV	14119	20063	0.67%	0.066%
41	18.322	2603	2607	2612	rVB2	4118	7363	0.25%	0.024%
42	19.316	2772	2776	2782	rBV2	20948	28526	0.95%	0.094%
43	19.386	2784	2788	2793	rBV	19705	27559	0.92%	0.091%
44	19.528	2808	2812	2817	rBV6	9280	15645	0.52%	0.052%
45	19.757	2844	2851	2857	rBV	2054646	2777152	92.79%	9.174%
46	20.492	2973	2976	2982	rBV2	17418	20720	0.69%	0.068%
47	21.551	3151	3156	3163	rBV	1337078	1686333	56.34%	5.571%
48	23.839	3538	3545	3560	rVB2	1427319	2992955	100.00%	9.887%
49	23.998	3566	3572	3585	rVB2	869091	1793804	59.93%	5.926%

Sum of corrected areas: 30271881

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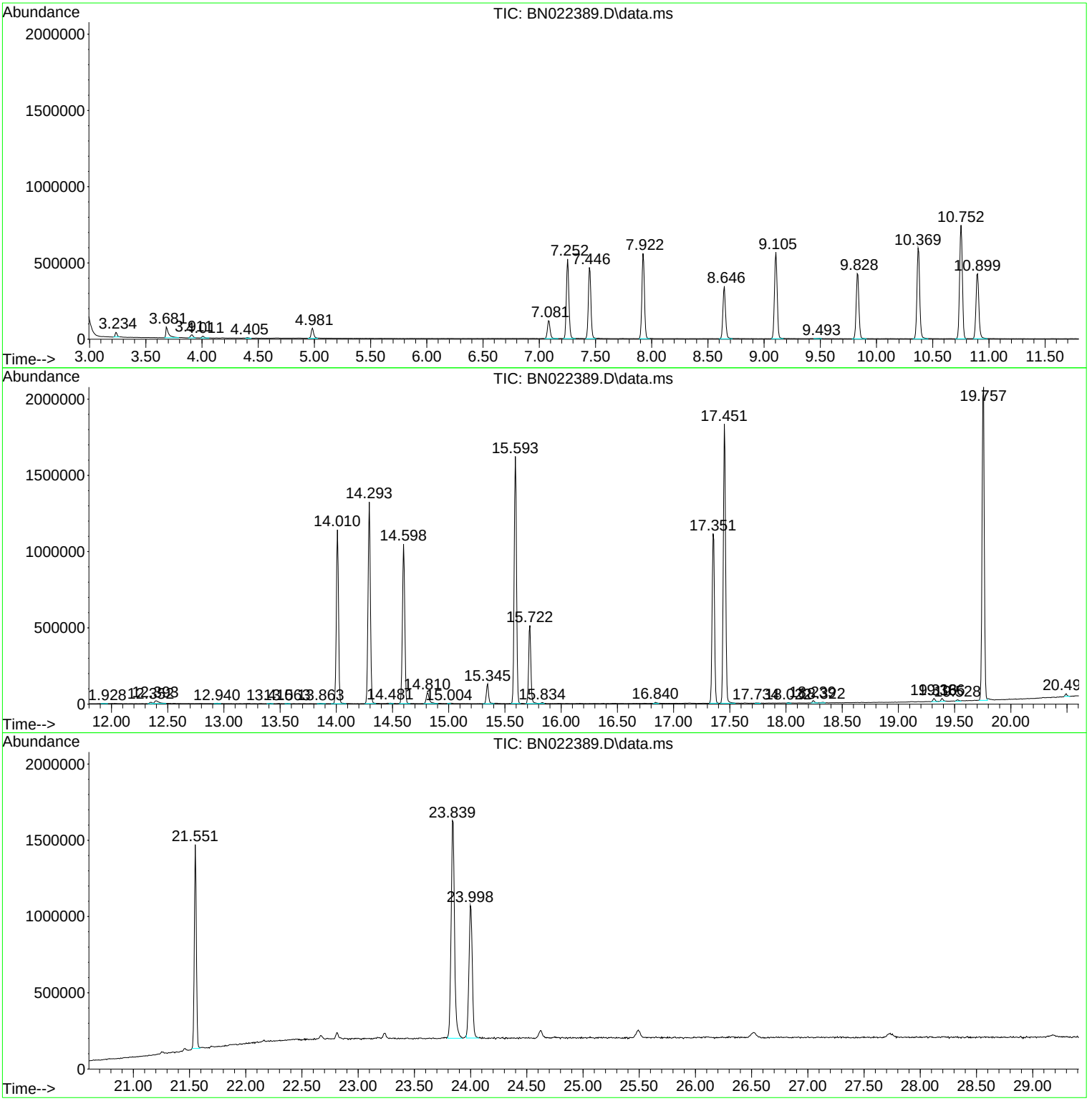
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



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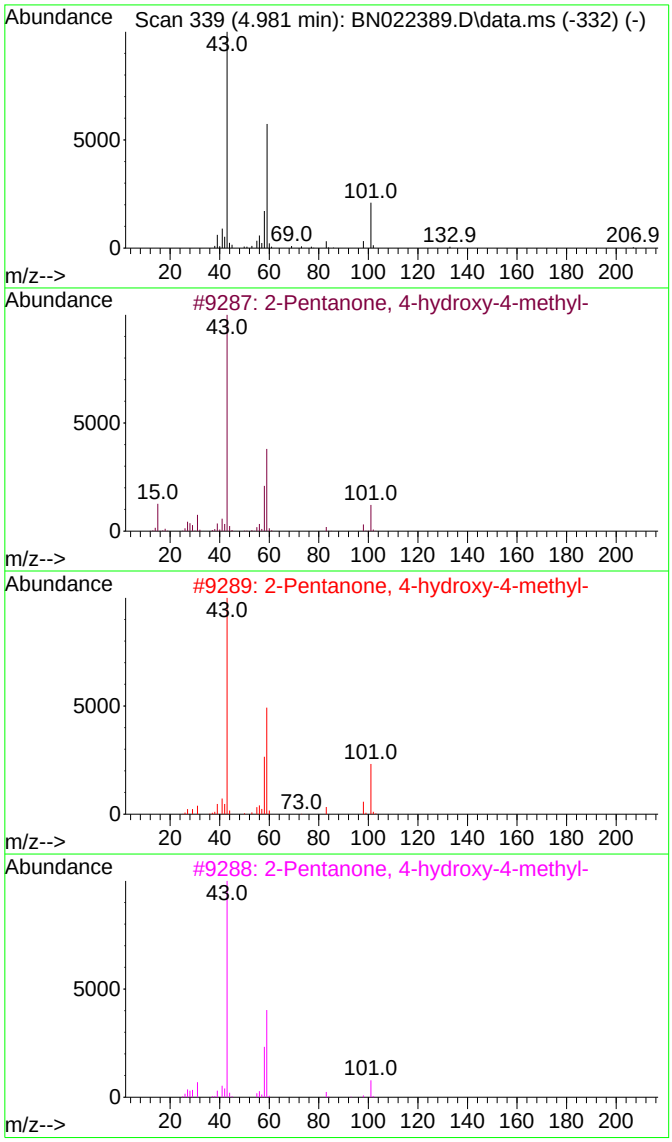
Quant Title : SVOA CALIBRATION

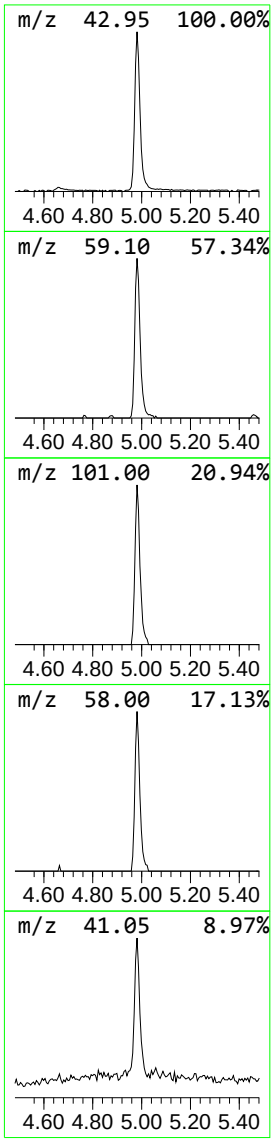
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	2.33 ng/ul	102401	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





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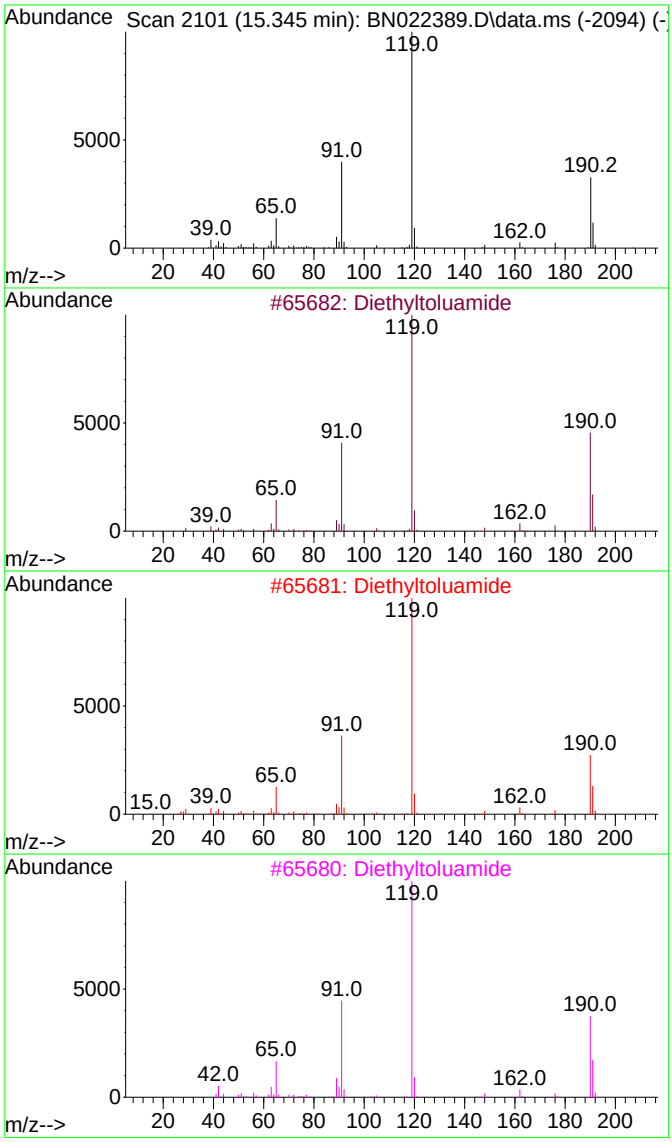
Quant Title : SVOA CALIBRATION

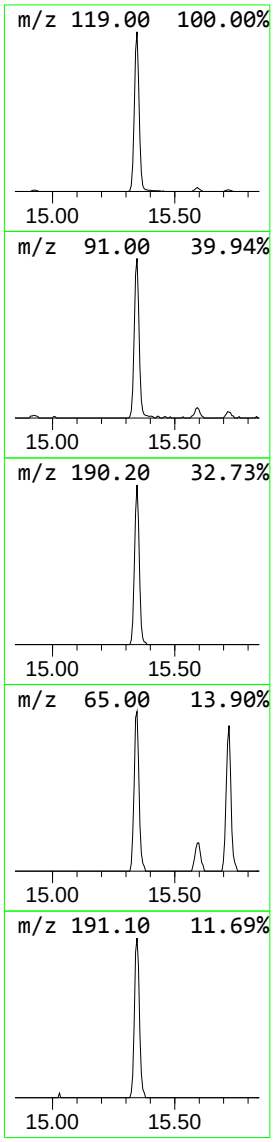
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	2.36 ng/ul	180068	Acenaphthene-d10	14.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	92
4	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	87
5	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.981	2.3	ng/ul	102401	1	7.922	878416	20.0
Diethyltoluamide	15.345	2.4	ng/ul	180068	3	14.599	1527170	20.0