LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022094.D
Acq On : 13 Oct 2022 18:49
Operator : CG/JU
Sample : N4982-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C1BC6

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: BN022094.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	42	46	61	rVB	35619	58859	1.13%	0.129%
2	3.699	119	121	137	rBV	156540	284124	5.47%	0.622%
3	3.934	156	161	170	rVB	20441	36852	0.71%	0.081%
4	4.034	172	178	195	rVB	472182	714858	13.78%	1.564%
5	4.434	242	246	249	rBV4	4121	5987	0.12%	0.013%
6	5.010	337	344	355	rBV	68934	114214	2.20%	0.250%
7	7.110	695	701	712	rVB	208976	356776	6.87%	0.781%
8	7.287	722	731	746	rBV	648986	1049680	20.23%	2.297%
9	7.481	757	764	772	rBV	615004	972408	18.74%	2.128%
10	7.957	838	845	852	rBV	486995	765477	14.75%	1.675%
11	8.675	960	967	978	rBV	566719	906677	17.47%	1.984%
12	9.139	1038	1046	1055	rBV	752294	1241044	23.91%	2.716%
13	9.534	1108	1113	1119	rBV	12948	19882	0.38%	0.044%
14	9.863	1159	1169	1182	rBV	586053	951758	18.34%	2.083%
15	10.404	1254	1261	1275	rBV	876383	1432145	27.60%	3.134%
16	10.786	1319	1326	1338	rVB	749077	1267917	24.43%	2.774%
17	10.928	1343	1350	1364	rBV	820095	1448173	27.91%	3.169%
18	12.045	1534	1540	1545	rVB2	7937	12596	0.24%	0.028%
19	12.204	1563	1567	1575	rBV5	4372	7867	0.15%	0.017%
20	12.380	1592	1597	1604	rVB	13672	23504	0.45%	0.051%
21	13.445	1770	1778	1787	rBV2	16827	25292	0.49%	0.055%
22	14.039	1873	1879	1893	rBV	1755113	2454333	47.29%	5.370%
23	14.327	1921	1928	1944	rVB2	1951350	2876674	55.43%	6.295%
24	14.522	1955	1961	1966	rVB4	5502	8949	0.17%	0.020%
25	14.633	1973	1980	1988	rBV	1212686	1782128	34.34%	3.900%
26	14.827	2004	2013	2026	rBV	198198	321467	6.19%	0.703%
27	15.045	2045	2050	2058	rVB6	6057	10742	0.21%	0.024%
28	15.469	2118	2122	2126	rVB5	3896	6048	0.12%	0.013%
29	15.627	2142	2149	2162	rVB	2553359	3713722	71.56%	8.126%
30	15.745	2162	2169	2178	rBV	907089	1182178	22.78%	2.587%
31	15.869	2185	2190	2194	rVB	12386	18434	0.36%	0.040%
32	16.516	2293	2300	2306	rBV8	2459	5304	0.10%	0.012%
33	17.133	2399	2405	2409	rBV5	3867	7744	0.15%	0.017%
34	17.386	2440	2448	2458	rBV	1546947	2164331	41.71%	4.736%
35	17.486	2458	2465	2480	rBV	2811576	4079044	78.60%	8.925%
36	18.051	2558	2561	2565	rVB5	4911	6285	0.12%	0.014%

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Title : SVOA CALIBRATION

37	18.274	2593	2599	2605	rBV	54630	75600	1.46%	0.165%
38	18.357	2609	2613	2616	rVV2	6694	9419	0.18%	0.021%
39	18.574	2646	2650	2655	rBV7	3601	7681	0.15%	0.017%
40	18.621	2655	2658	2664	rVV7	2933	5866	0.11%	0.013%
41	19.345	2777	2781	2786	rVB2	33160	46158	0.89%	0.101%
42	19.415	2789	2793	2799	rVV	36054	51841	1.00%	0.113%
43	19.551	2813	2816	2825	rVB2	27491	37468	0.72%	0.082%
44	19.704	2839	2842	2846	rBV2	11538	14531	0.28%	0.032%
45	19.786	2849	2856	2869	rBV	3413530	4751230	91.55%	10.396%
46	21.280	3106	3110	3120	rBV2	90247	172790	3.33%	0.378%
47	21.580	3156	3161	3170	rBV	1962693	2439884	47.02%	5.339%
48	23.886	3546	3553	3567	rVB2	2495147	5189514	100.00%	11.355%
49	24.050	3573	3581	3591	rVB2	1261653	2565873	49.44%	5.614%

Sum of corrected areas: 45701328

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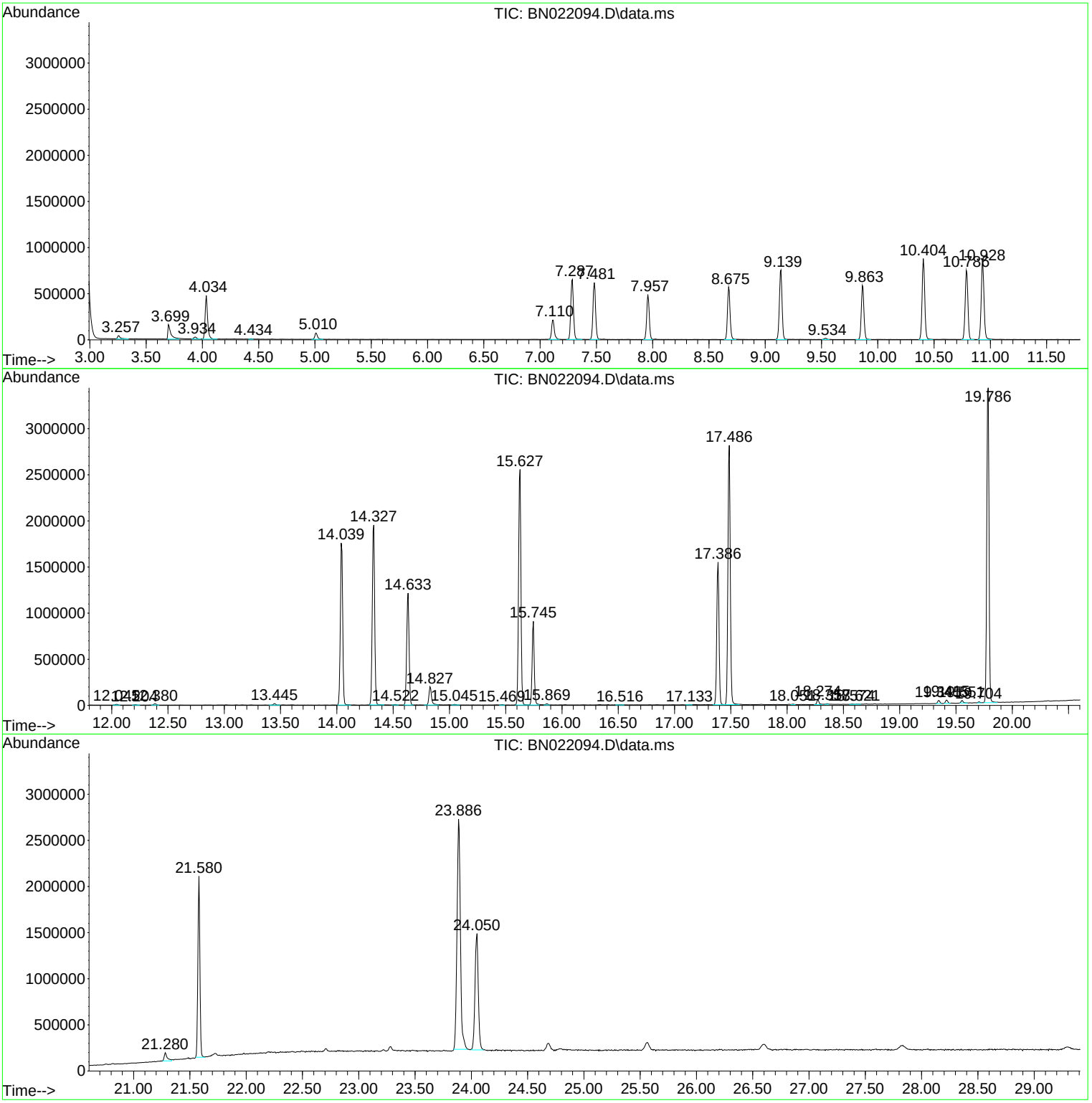
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



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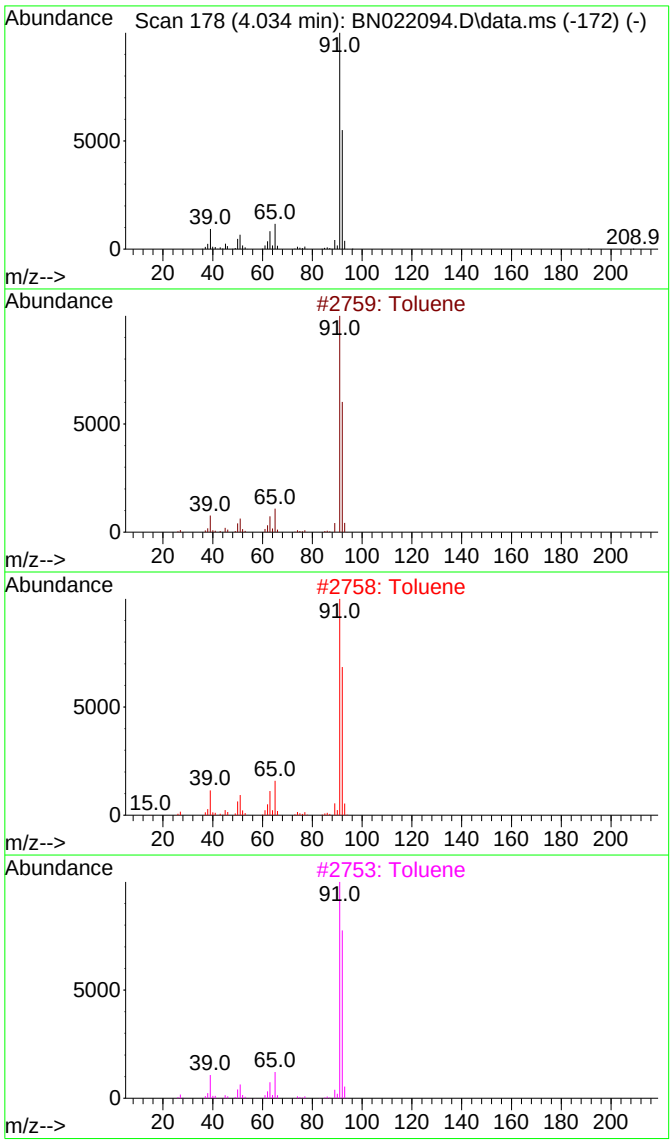
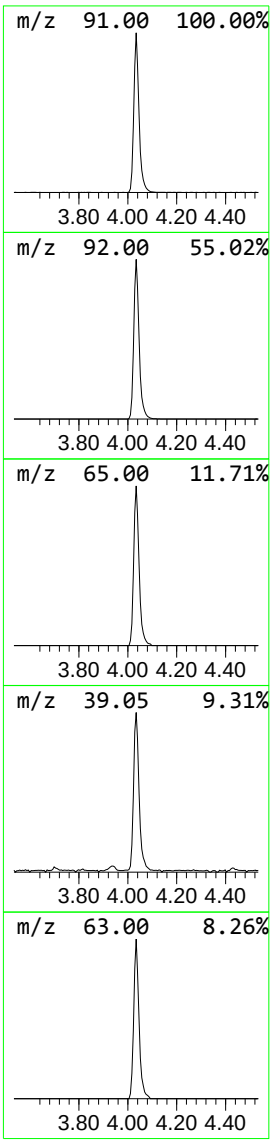
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.034	18.68 ng/ul	714858	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	94
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





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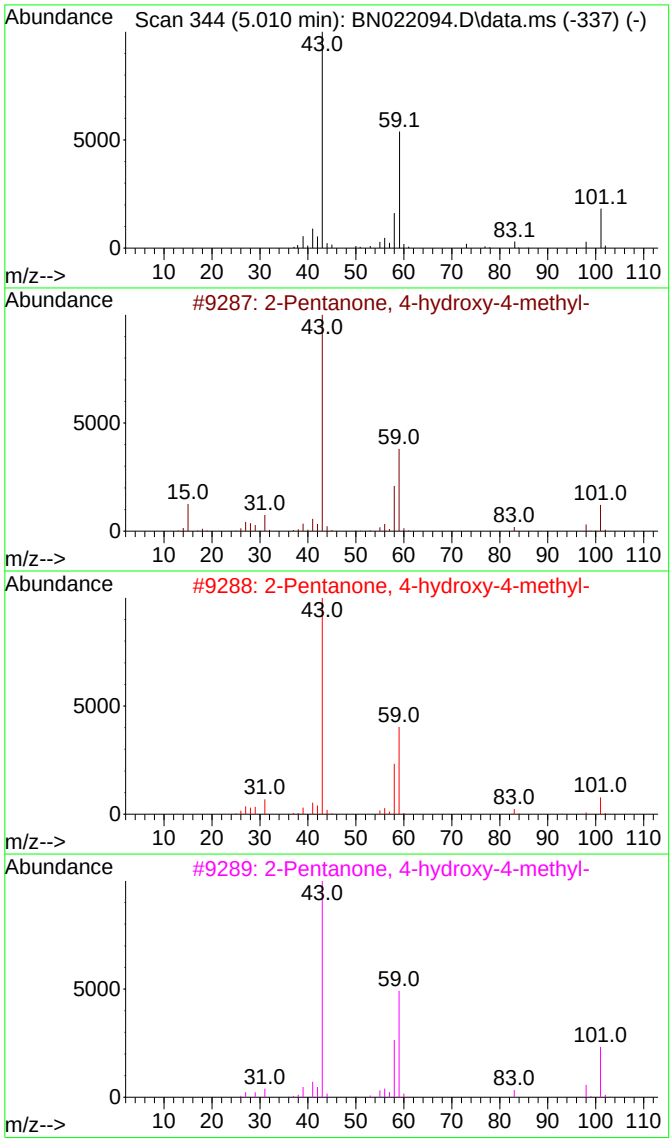
Quant Title : SVOA CALIBRATION

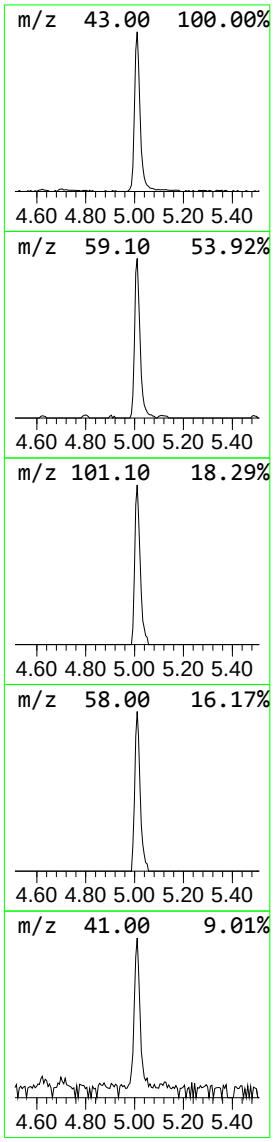
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	2.98 ng/ul	114214	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Tentatively Identified Compound (LSC) summary

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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
Toluene	4.034	18.7	ng/ul	714858	1	7.957	765477	20.0
2-Pentanone, 4-...	5.010	3.0	ng/ul	114214	1	7.957	765477	20.0