LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008323.D
Acq On : 14 Dec 2016 23:48
Operator : UM/SJ
Sample : H5996-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA878

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	2.893	48	52	57	rVB	49019	64299	1.41%	0.150%
2	6.328	631	636	647	rBV	1020500	1472489	32.32%	3.431%
3	6.581	674	679	687	rBV3	26095	49898	1.10%	0.116%
4	6.869	723	728	744	rBV2	79112	166676	3.66%	0.388%
5	7.016	747	753	764	rBV	439999	696002	15.28%	1.622%
6	7.216	780	787	792	rBV2	782743	1346799	29.56%	3.138%
7	7.269	792	796	805	rVV	401143	649042	14.25%	1.512%
8	7.457	823	828	845	rBV	362519	698537	15.33%	1.628%
9	7.669	858	864	871	rBV	510153	841032	18.46%	1.960%
10	7.734	871	875	884	rVB	37662	67575	1.48%	0.157%
11	8.387	980	986	997	rBV	277549	533229	11.70%	1.242%
12	8.828	1055	1061	1076	rBV	508235	971267	21.32%	2.263%
13	9.545	1176	1183	1201	rBV	432231	819072	17.98%	1.909%
14	10.092	1269	1276	1303	rBV	369038	1106285	24.28%	2.578%
15	10.445	1329	1336	1351	rVB	637048	1124187	24.68%	2.620%
16	13.727	1888	1894	1912	rBV	1137126	1796728	39.44%	4.187%
17	14.004	1934	1941	1954	rBV	1336013	2100577	46.11%	4.895%
18	14.310	1986	1993	2000	rBV	954326	1401675	30.77%	3.266%
19	14.645	2043	2050	2056	rBV6	27091	63472	1.39%	0.148%
20	15.310	2156	2163	2171	rBV	1660091	2533190	55.60%	5.903%
21	15.468	2184	2190	2201	rBV	385799	709576	15.57%	1.653%
22	15.921	2264	2267	2276	rVB3	60942	101509	2.23%	0.237%
23	17.062	2454	2461	2472	rBV	1138577	1607372	35.28%	3.745%
24	17.162	2472	2478	2490	rBV2	1723349	2676131	58.74%	6.236%
25	19.462	2864	2869	2881	rBV	2107232	3164538	69.46%	7.374%
26	19.562	2883	2886	2897	rVB	44786	85319	1.87%	0.199%
27	20.892	3109	3112	3117	rVB	41055	64888	1.42%	0.151%
28	21.168	3154	3159	3167	rBV	3533319	3811989	83.67%	8.882%
29	21.268	3170	3176	3186	rBV	1328240	2060436	45.23%	4.801%
30	23.350	3523	3530	3540	rBV2	1832390	3617044	79.39%	8.428%
31	23.497	3549	3555	3565	rVB2	967173	1959200	43.00%	4.565%
32	26.862	4118	4127	4141	rVB	1472404	4555911	100.00%	10.616%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5996-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA878

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

Sum of corrected areas: 42915944

LSC Report - Integrated Chromatogram

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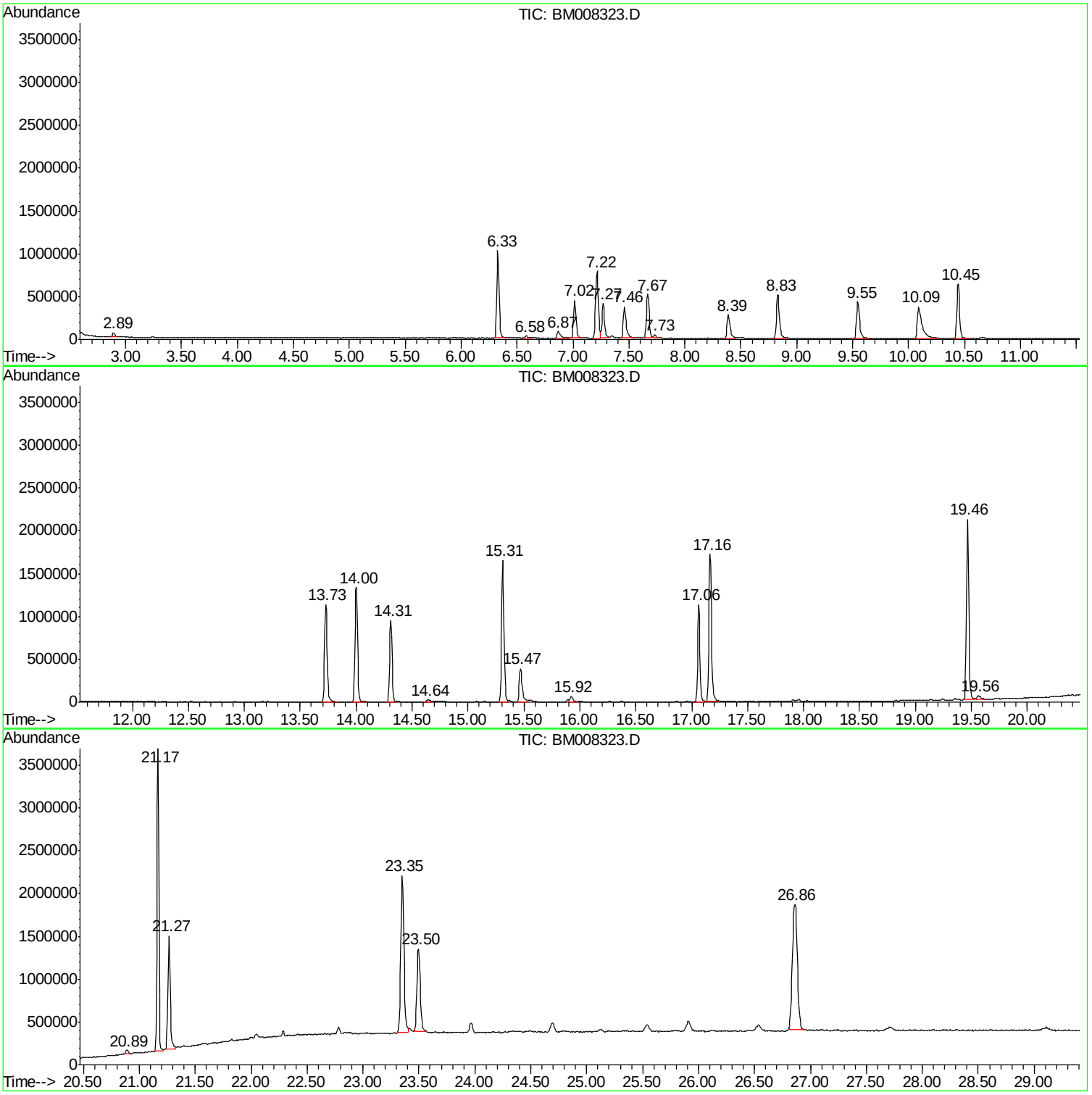
Data File : BM008323.D
Acq On : 14 Dec 2016 23:48
Operator : UM/SJ
Sample : H5996-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA878

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

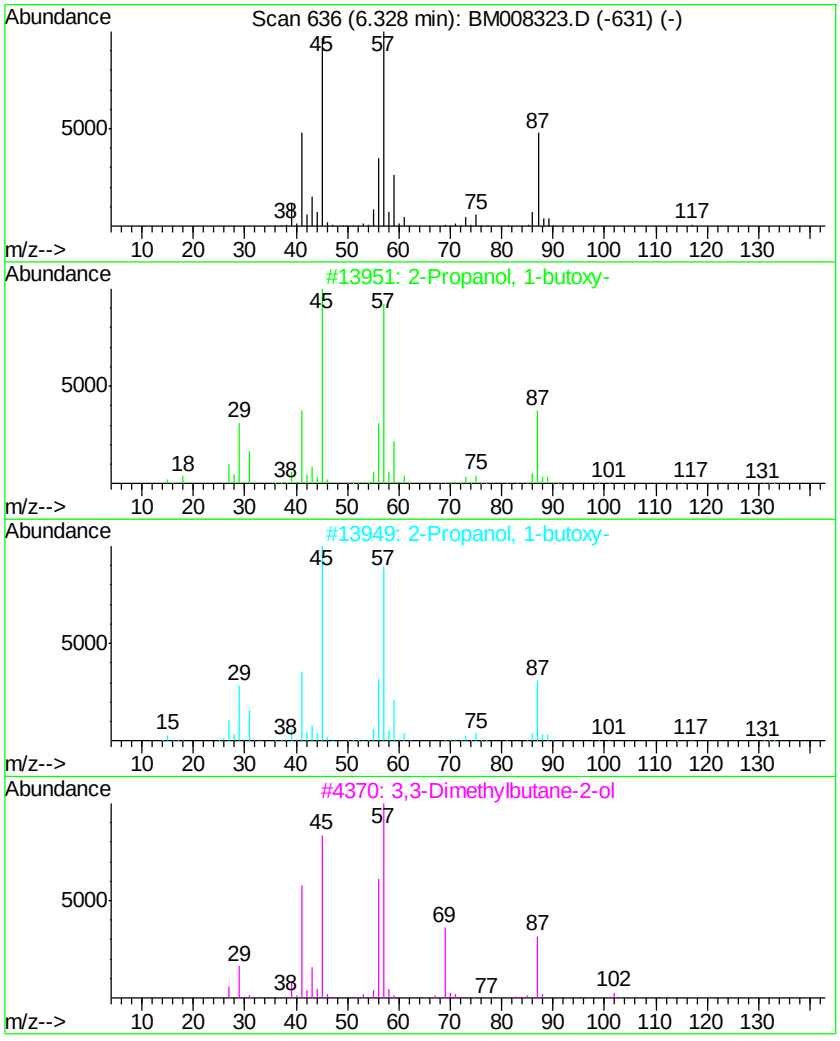
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

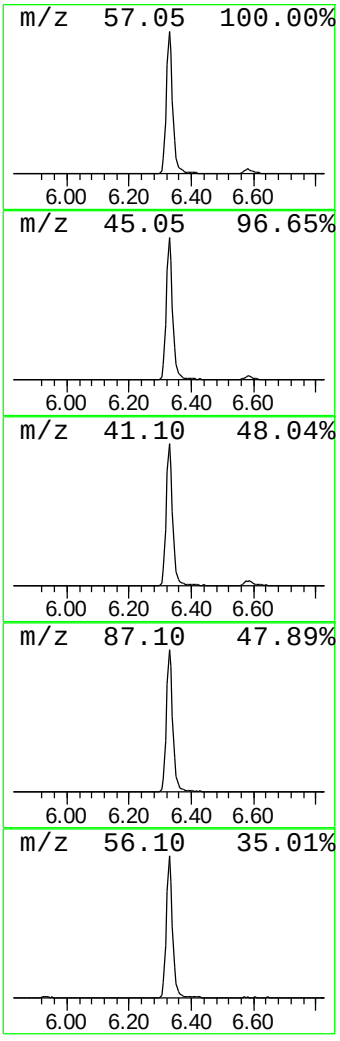
****

Peak Number 1 2-Propanol, 1-butoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	35.02 ng/ul	1472490	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Diisopropyl ether	102	C6H14O	000108-20-3	42
5	5-Methyl-1-hepten-4-ol	128	C8H16O	099328-46-8	40





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
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Operator : UM/SJ
Sample : H5996-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA878

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

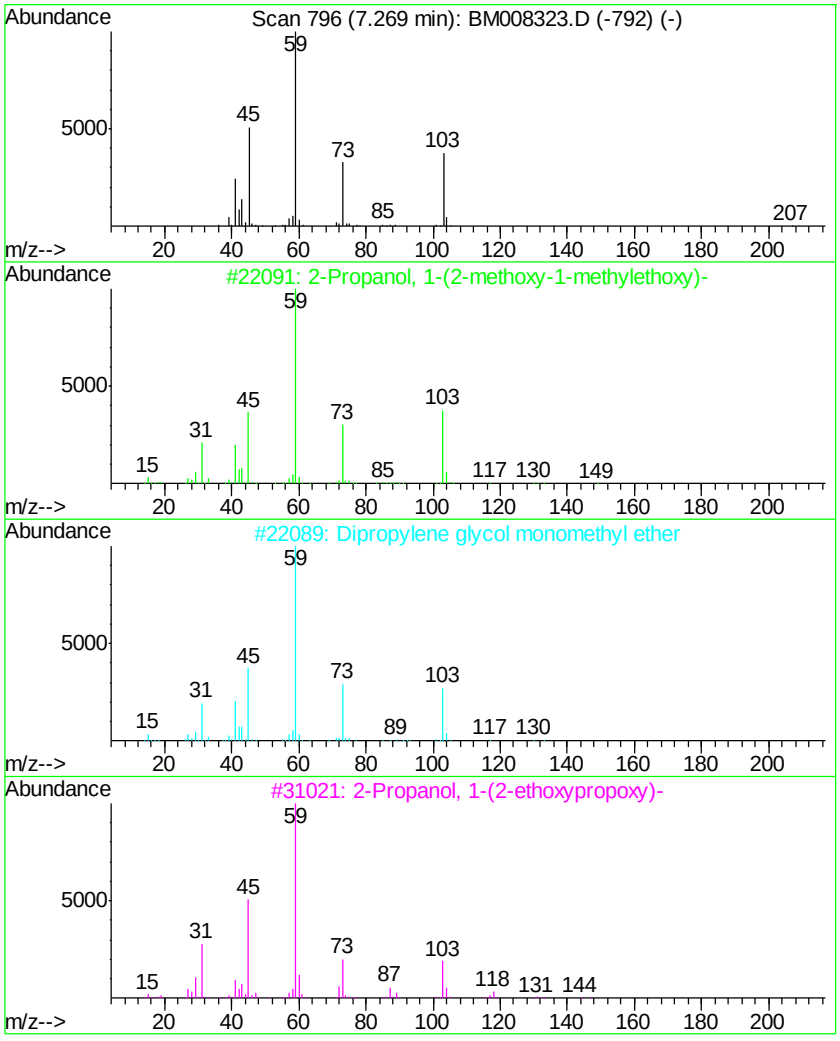
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

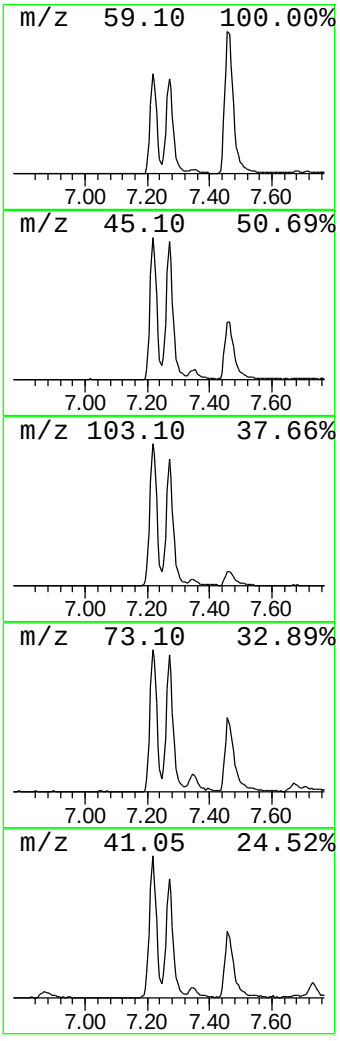
****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	15.43 ng/ul	649042	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	72
3	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	64
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50





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Sample : H5996-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA878

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

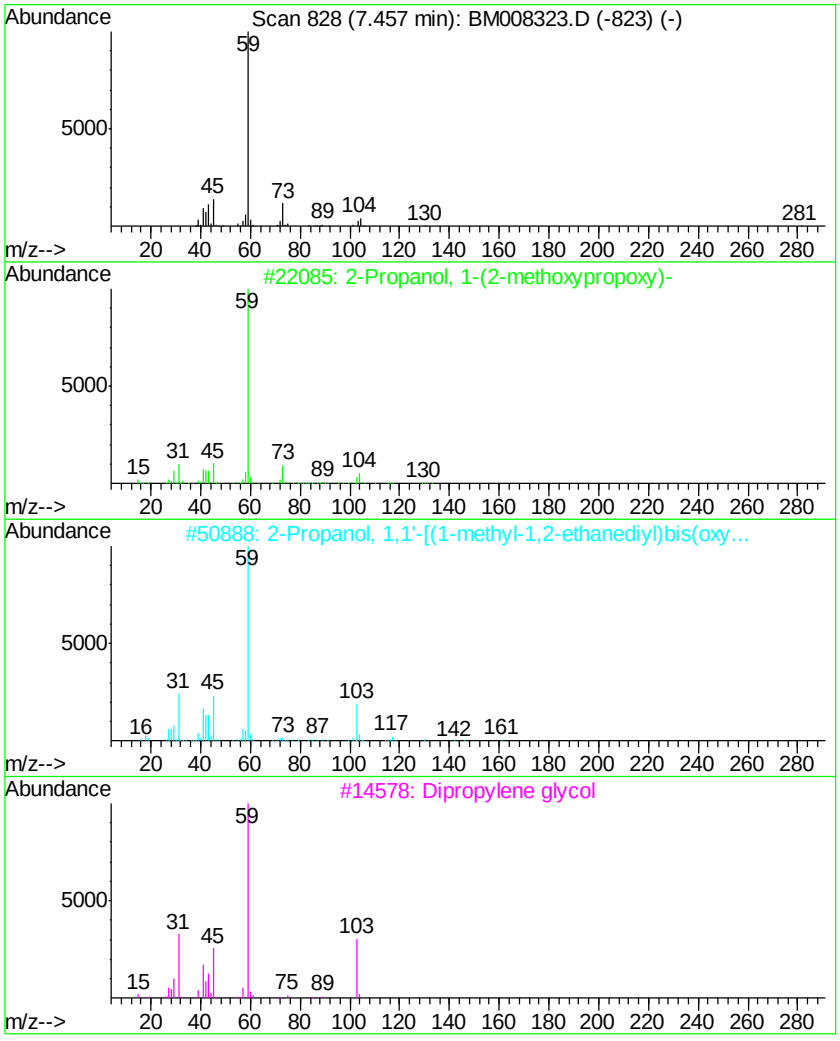
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

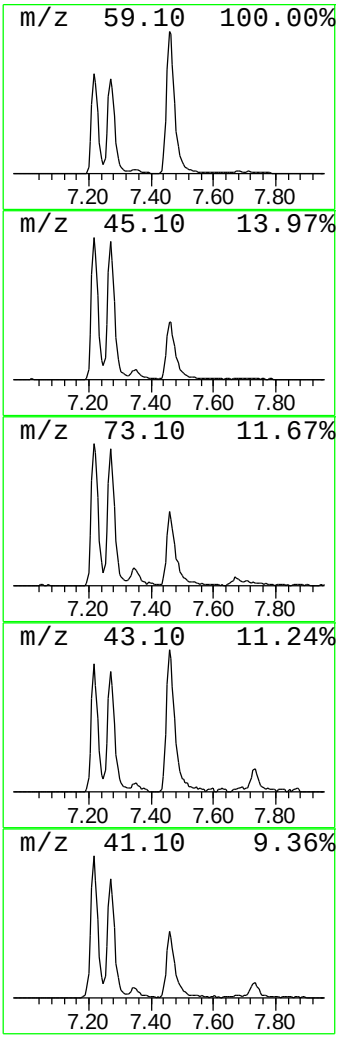
****

Peak Number 3 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	16.61 ng/ul	698537	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	78
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
3	Dipropylene glycol	134	C6H14O3	025265-71-8	64
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	56
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50





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Instrument : BNA_M
ClientSampleId : DA878

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

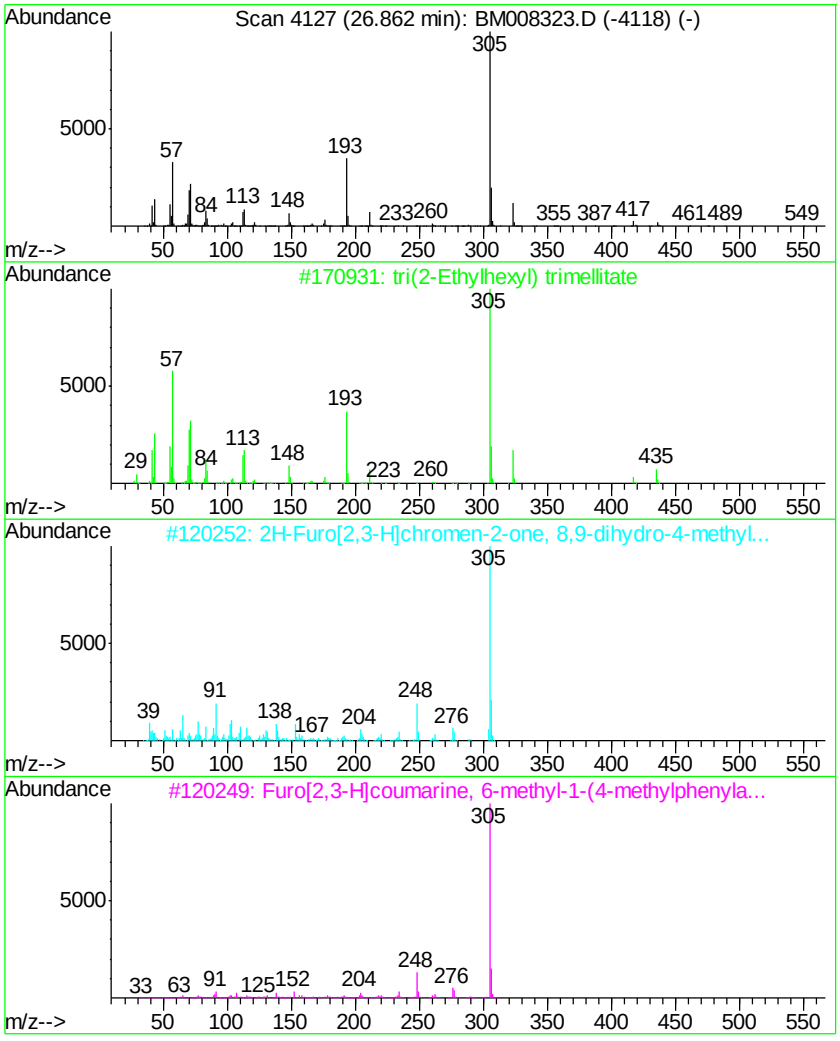
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

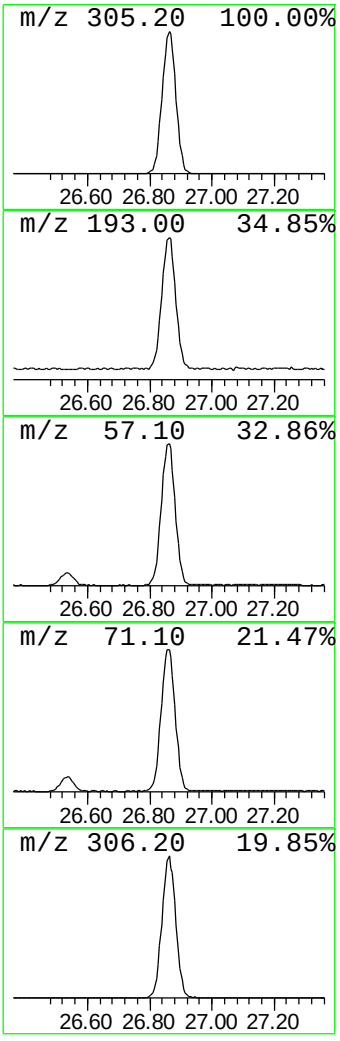
****

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.86	46.51 ng/ul	4555910	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	47
2	2H-Furo[2,3-H]chromen-2-one, 8,9...	305	C19H15NO3	1000271-14-0	28
3	Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15NO3	298684-60-3	28
4	Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15NO3	1000270-15-3	28
5	6-Hydroxy-3-[2-methyl-2-[2-hydro...	595	C31H49N3O3Si3	1000292-78-8	25





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 1-but...	6.33	35.0	ng/ul	1472490	1	7.67	841032	20.0
2-Propanol, 1-(2-...	7.27	15.4	ng/ul	649042	1	7.67	841032	20.0
2-Propanol, 1-(2-...	7.46	16.6	ng/ul	698537	1	7.67	841032	20.0
unknown-01	26.86	46.5	ng/ul	4555910	6	23.50	1959200	20.0