LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
Data File : BG018575.D
Acq On : 1 Sep 2015 23:23
Operator : UM/IZ
Sample : G3477-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	2.889	6	9	16	rVB	59385	81343	2.24%	0.256%
2	3.107	41	46	54	rBV	146838	275900	7.60%	0.870%
3	3.183	54	59	72	rVB	1309424	1808252	49.83%	5.701%
4	3.759	155	157	160	rVB4	5965	5284	0.15%	0.017%
5	3.865	172	175	176	rBV2	4507	5213	0.14%	0.016%
6	4.235	236	238	243	rBV4	4294	5254	0.14%	0.017%
7	4.952	357	360	364	rVB4	4667	7796	0.21%	0.025%
8	4.981	364	365	370	rBV4	5491	7408	0.20%	0.023%
9	5.569	461	465	467	rVB3	4407	5534	0.15%	0.017%
10	6.726	660	662	666	rBV4	4307	6322	0.17%	0.020%
11	7.167	730	737	744	rVB	88539	155558	4.29%	0.490%
12	7.331	758	765	774	rVB	339445	538937	14.85%	1.699%
13	7.537	792	800	807	rBV	320501	548422	15.11%	1.729%
14	7.631	813	816	819	rVB3	4320	5820	0.16%	0.018%
15	8.007	873	880	889	rVB	308889	522352	14.39%	1.647%
16	8.383	938	944	946	rBV5	3223	5935	0.16%	0.019%
17	8.706	987	999	1011	rBV	265282	480236	13.23%	1.514%
18	9.164	1069	1077	1084	rBV	371930	650127	17.92%	2.050%
19	9.887	1193	1200	1207	rBV	307940	536458	14.78%	1.691%
20	10.428	1285	1292	1300	rBV	485816	860678	23.72%	2.713%
21	10.810	1350	1357	1366	rVB	444797	793472	21.87%	2.502%
22	11.808	1525	1527	1529	rBV3	5434	5303	0.15%	0.017%
23	11.955	1545	1552	1555	rBV5	4282	7517	0.21%	0.024%
24	13.242	1767	1771	1775	rVB5	5181	8970	0.25%	0.028%
25	14.035	1900	1906	1915	rBV	1109642	1564295	43.11%	4.932%
26	14.329	1948	1956	1965	rBV	1069273	1664395	45.87%	5.247%
27	14.499	1982	1985	1987	rVB4	4423	5312	0.15%	0.017%
28	14.634	2001	2008	2017	rVB2	776081	1226891	33.81%	3.868%
29	14.823	2034	2040	2047	rBV2	112324	188272	5.19%	0.594%
30	15.363	2127	2132	2136	rBV	28344	42675	1.18%	0.135%
31	15.622	2170	2176	2183	rBV	1584550	2449756	67.51%	7.723%
32	15.733	2189	2195	2204	rBV	517014	758746	20.91%	2.392%
33	15.862	2213	2217	2223	rVB2	18256	27909	0.77%	0.088%
34	16.186	2269	2272	2280	rBV6	4614	8044	0.22%	0.025%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AD4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	16.321	2288	2295	2300	rBV9	5478	11176	0.31%	0.035%
36	16.579	2335	2339	2342	rVB6	6046	8295	0.23%	0.026%
37	17.120	2429	2431	2433	rBV3	5255	5603	0.15%	0.018%
38	17.167	2435	2439	2445	rVB2	9023	17896	0.49%	0.056%
39	17.243	2445	2452	2454	rBV5	5500	10452	0.29%	0.033%
40	17.372	2468	2474	2482	rBV2	1139902	1764669	48.63%	5.563%
41	17.472	2485	2491	2499	rBV	1935549	2959265	81.55%	9.330%
42	17.731	2531	2535	2536	rBV4	4382	5477	0.15%	0.017%
43	17.825	2547	2551	2552	rBV4	4399	6498	0.18%	0.020%
44	18.042	2584	2588	2593	rVB7	6921	9994	0.28%	0.032%
45	18.254	2622	2624	2631	rBV7	14877	22197	0.61%	0.070%
46	18.800	2713	2717	2718	rBV4	4350	5333	0.15%	0.017%
47	19.112	2768	2770	2772	rBV3	4961	5469	0.15%	0.017%
48	19.206	2785	2786	2793	rVB7	4243	5531	0.15%	0.017%
49	19.446	2824	2827	2829	rBV4	6333	6062	0.17%	0.019%
50	19.646	2856	2861	2866	rBV	25782	38150	1.05%	0.120%
51	19.758	2874	2880	2888	rBV2	2502784	3590176	98.94%	11.319%
52	21.632	3193	3199	3206	rBV	1377189	2195490	60.50%	6.922%
53	24.611	3694	3706	3716	rBV	1350268	3628717	100.00%	11.440%
54	24.823	3732	3742	3754	rBV	775096	2158600	59.49%	6.805%

Sum of corrected areas: 31719436

LSC Report - Integrated Chromatogram

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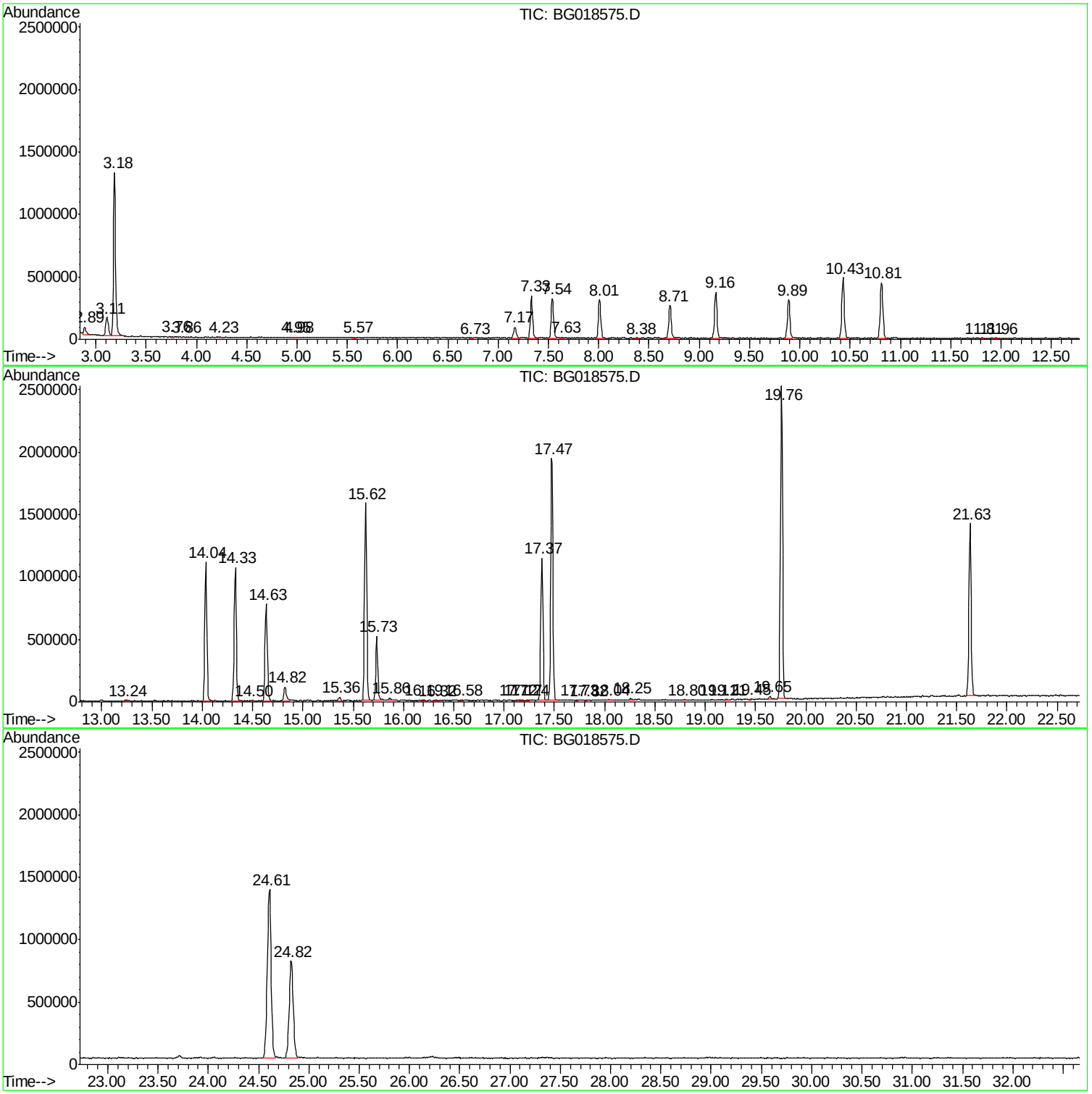
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BG018575.D
Acq On : 1 Sep 2015 23:23
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Instrument : BNA_G
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

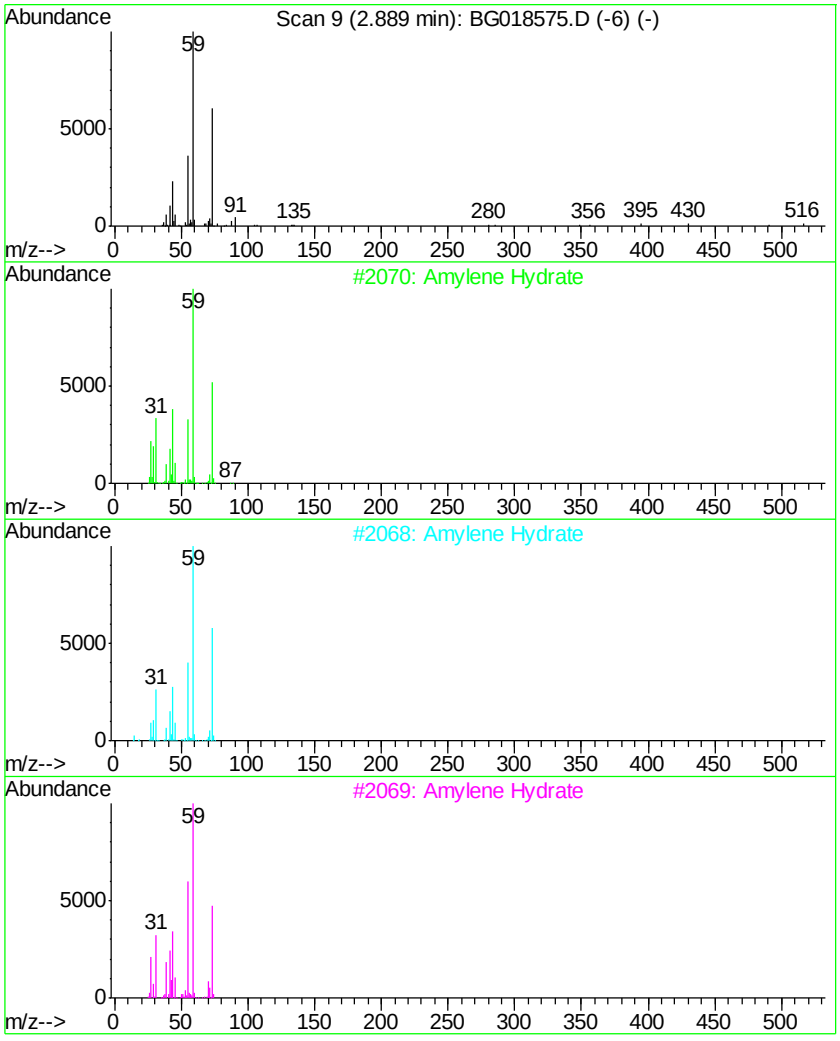
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

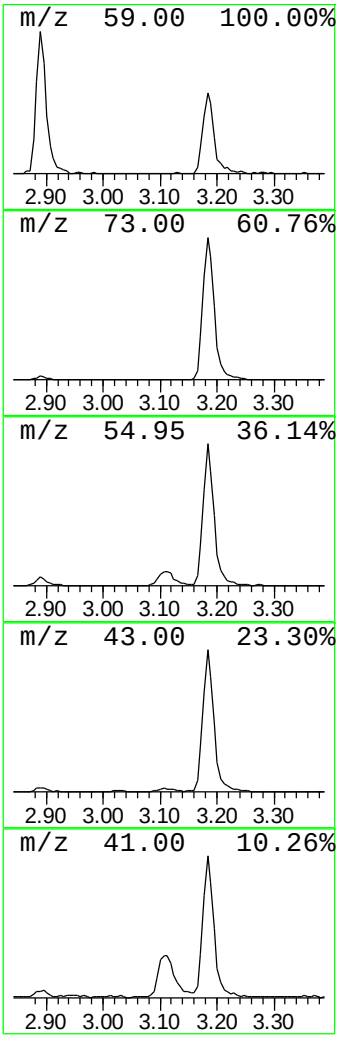
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	3.11 ng/ul	81343	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	64
2	Amylene Hydrate	88	C5H12O	000075-85-4	64
3	Amylene Hydrate	88	C5H12O	000075-85-4	39
4	2-Octanol, 2-methyl-	144	C9H20O	000628-44-4	36
5	Guanidine	59	CH5N3	000113-00-8	9





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

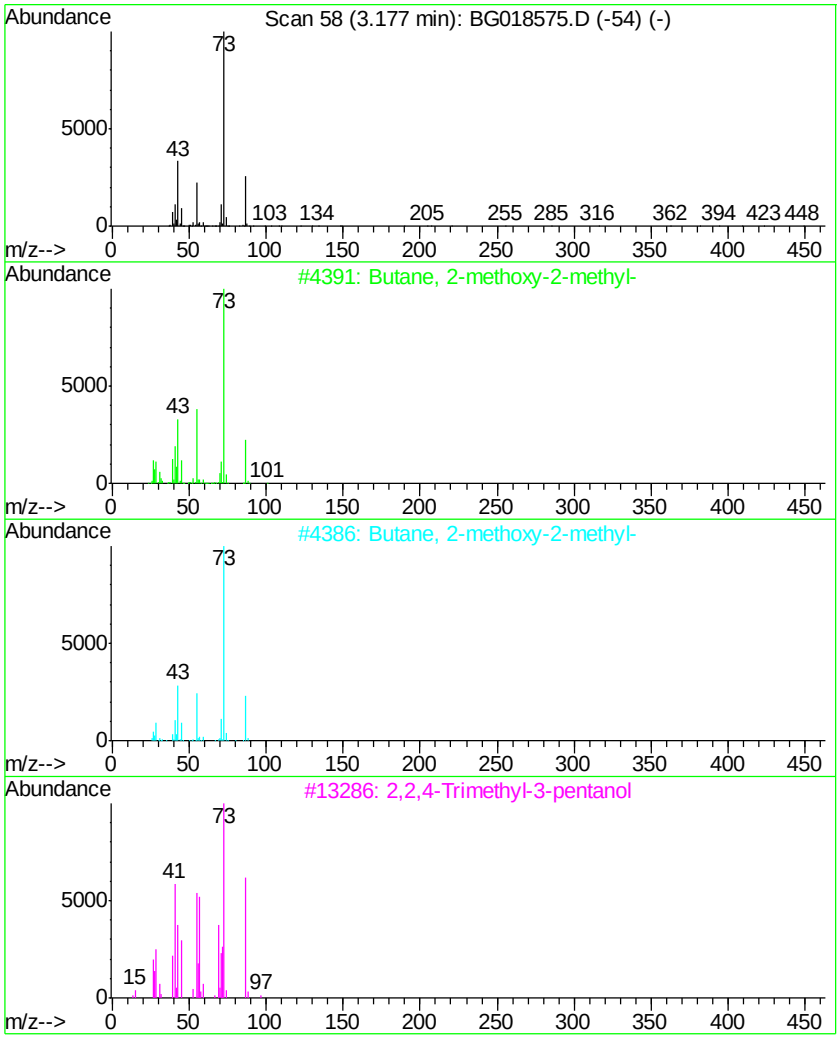
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

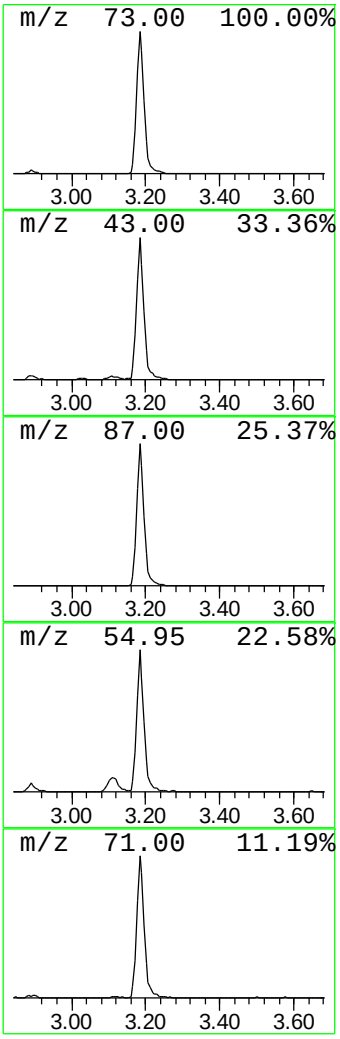
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	69.24 ng/ul	1808250	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090115\
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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
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
Amylene Hydrate	2.89	3.1	ng/ul	81343	1	8.01	522352	20.0
Butane, 2-methoxy...	3.18	69.2	ng/ul	1808250	1	8.01	522352	20.0