LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049288.D
Acq On : 11 Jul 2021 6:44
Operator : CG/JU
Sample : M2914-12
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBK41

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_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049288.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.119	8	14	23	rBV	101939	205991	17.41%	1.960%
2	3.190	23	26	34	rVB	50141	80368	6.79%	0.765%
3	3.466	69	73	79	rVB5	7452	11308	0.96%	0.108%
4	3.618	97	99	104	rBV4	1505	1773	0.15%	0.017%
5	3.889	141	145	160	rBV	39784	78896	6.67%	0.751%
6	4.218	199	201	202	rBV3	1657	1619	0.14%	0.015%
7	4.570	258	261	263	rBV2	1547	1675	0.14%	0.016%
8	5.093	349	350	353	rBV2	1978	1764	0.15%	0.017%
9	5.440	406	409	413	rVB3	1376	2184	0.18%	0.021%
10	6.151	528	530	534	rVB3	2037	2158	0.18%	0.021%
11	6.280	546	552	554	rBV3	963	1867	0.16%	0.018%
12	6.380	566	569	572	rBV2	1100	1867	0.16%	0.018%
13	7.226	706	713	722	rBV	35307	68018	5.75%	0.647%
14	7.391	734	741	749	rBV	99026	168054	14.21%	1.599%
15	7.496	756	759	763	rVB2	1767	1784	0.15%	0.017%
16	7.602	770	777	785	rBV	114052	205606	17.38%	1.956%
17	7.696	789	793	795	rVB2	1478	1826	0.15%	0.017%
18	8.072	850	857	863	rBV	117023	197805	16.72%	1.882%
19	8.119	863	865	870	rVB3	1769	2286	0.19%	0.022%
20	8.195	876	878	880	rBV2	1873	1676	0.14%	0.016%
21	8.307	892	897	899	rBV2	2153	3302	0.28%	0.031%
22	8.607	945	948	954	rBV4	1825	2212	0.19%	0.021%
23	8.771	968	976	987	rBV	91014	167256	14.14%	1.591%
24	9.235	1047	1055	1067	rBV	146471	273582	23.13%	2.603%
25	9.964	1172	1179	1190	rVB	122286	226925	19.18%	2.159%
26	10.504	1262	1271	1282	rBV	172226	324029	27.39%	3.083%
27	10.651	1290	1296	1306	rBV3	20125	37897	3.20%	0.361%
28	10.892	1330	1337	1344	rBV	157106	279158	23.60%	2.656%
29	11.022	1352	1359	1368	rBV	162817	302105	25.54%	2.874%
30	11.133	1377	1378	1382	rBV	1550	1606	0.14%	0.015%
31	12.479	1601	1607	1613	rVB3	3346	6132	0.52%	0.058%
32	13.331	1750	1752	1757	rVB3	1813	1771	0.15%	0.017%
33	13.542	1782	1788	1789	rBV2	2849	3665	0.31%	0.035%
34	14.112	1878	1885	1892	rBV	369267	552167	46.68%	5.254%
35	14.347	1923	1925	1928	rBV	3584	4026	0.34%	0.038%
36	14.412	1929	1936	1946	rVB	378111	598478	50.60%	5.694%

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Instrument : BNA_G
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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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

37	14.606	1966	1969	1970	rBV2	2618	2055	0.17%	0.020%
38	14.717	1981	1988	1995	rVB	255913	401611	33.95%	3.821%
39	14.911	2013	2021	2031	rBV2	33405	66204	5.60%	0.630%
40	15.017	2037	2039	2042	rVB3	1915	1597	0.14%	0.015%
41	15.340	2091	2094	2098	rVB	1713	1859	0.16%	0.018%
42	15.557	2128	2131	2136	rVB3	2061	2482	0.21%	0.024%
43	15.710	2150	2157	2164	rVB	532062	802752	67.87%	7.638%
44	15.822	2168	2176	2184	rBV	148513	231370	19.56%	2.201%
45	15.957	2193	2199	2203	rVB3	5885	10121	0.86%	0.096%
46	16.104	2221	2224	2227	rBV2	2389	2240	0.19%	0.021%
47	16.380	2270	2271	2275	rBV3	1724	1658	0.14%	0.016%
48	16.492	2287	2290	2293	rVB3	3493	4490	0.38%	0.043%
49	16.691	2319	2324	2329	rBV4	5362	7732	0.65%	0.074%
50	16.850	2348	2351	2355	rVB3	6001	7624	0.64%	0.073%
51	16.903	2358	2360	2362	rBV2	1868	1816	0.15%	0.017%
52	16.997	2374	2376	2379	rVB3	3318	2532	0.21%	0.024%
53	17.197	2408	2410	2416	rVB4	2641	3994	0.34%	0.038%
54	17.255	2416	2420	2421	rBV2	2531	2428	0.21%	0.023%
55	17.467	2449	2456	2462	rBV	348319	524118	44.31%	4.987%
56	17.567	2462	2473	2483	rVV	643012	987107	83.45%	9.392%
57	17.696	2492	2495	2496	rBV3	2933	2683	0.23%	0.026%
58	17.720	2496	2499	2501	rVV4	2810	3335	0.28%	0.032%
59	17.996	2544	2546	2551	rVB6	2193	2565	0.22%	0.024%
60	18.125	2566	2568	2572	rVB2	5761	4770	0.40%	0.045%
61	18.166	2572	2575	2576	rBV3	1796	1772	0.15%	0.017%
62	18.207	2580	2582	2585	rBV2	1270	1789	0.15%	0.017%
63	18.342	2601	2605	2611	rBV4	10598	15853	1.34%	0.151%
64	18.519	2632	2635	2638	rVB3	2246	2972	0.25%	0.028%
65	18.630	2651	2654	2659	rVB6	3114	4617	0.39%	0.044%
66	18.848	2688	2691	2693	rBV4	5770	4522	0.38%	0.043%
67	19.112	2733	2736	2740	rVB4	5044	5471	0.46%	0.052%
68	19.194	2747	2750	2756	rBV6	7102	9677	0.82%	0.092%
69	19.247	2756	2759	2761	rBV4	6475	8284	0.70%	0.079%
70	19.482	2796	2799	2806	rBV	8602	12054	1.02%	0.115%
71	19.617	2818	2822	2825	rBV4	2454	3886	0.33%	0.037%
72	19.694	2833	2835	2839	rBV4	2252	2318	0.20%	0.022%
73	19.735	2839	2842	2845	rBV2	7719	11053	0.93%	0.105%
74	19.852	2855	2862	2868	rBV	820978	1182845	100.00%	11.255%
75	20.105	2903	2905	2907	rBV3	2838	1985	0.17%	0.019%
76	20.311	2939	2940	2942	rBV2	3408	2694	0.23%	0.026%

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Instrument : BNA_G
ClientSampleId : DBK41

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	21.374	3117	3121	3131	rVB5	26812	48567	4.11%	0.462%
78	21.750	3178	3185	3192	rVB	362715	579788	49.02%	5.517%
79	24.817	3696	3707	3720	rVB	371633	1093547	92.45%	10.405%
80	25.046	3736	3746	3757	rVB	202782	614270	51.93%	5.845%

Sum of corrected areas: 10509943

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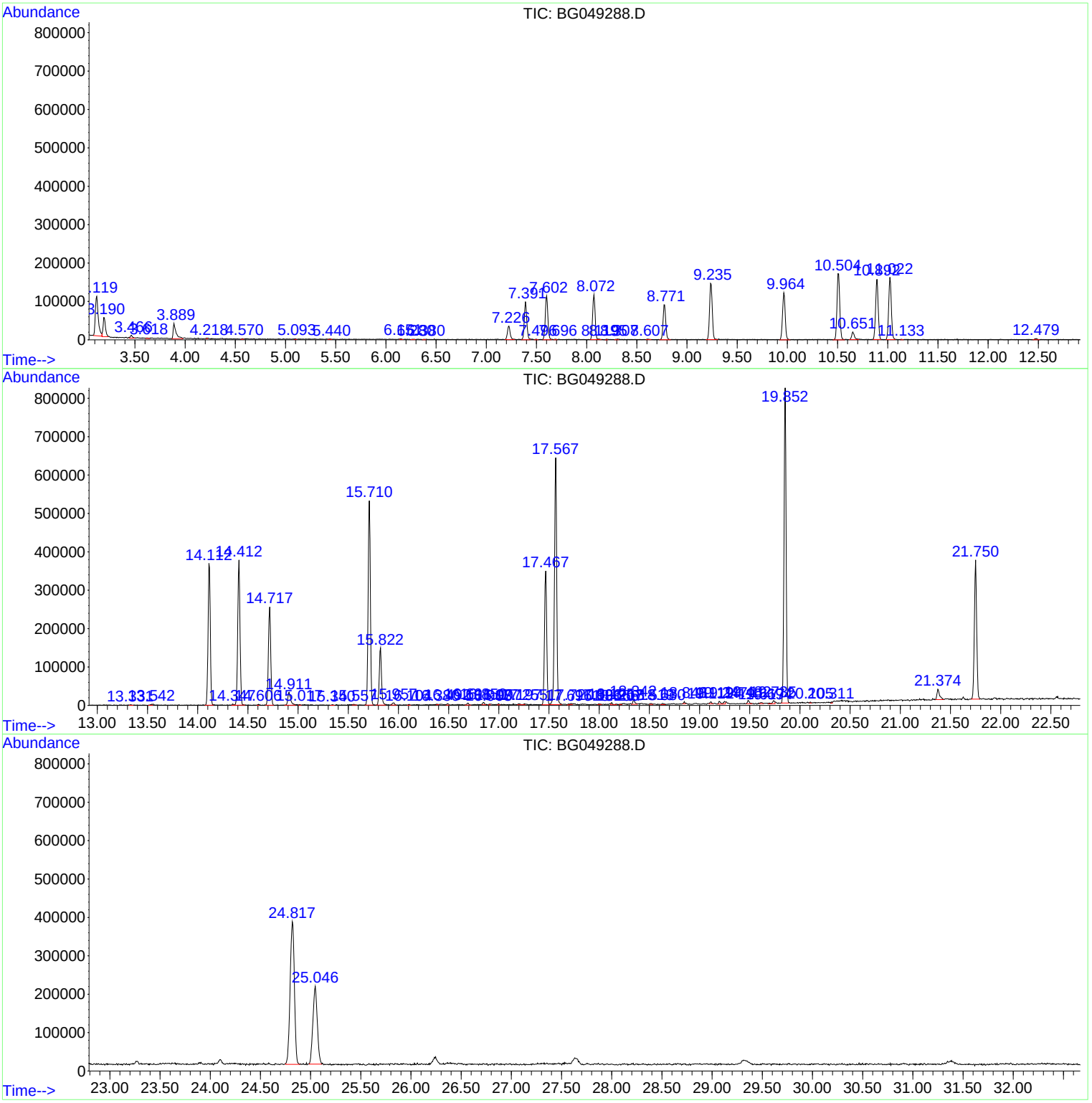
Instrument :
BNA_G
ClientSampleId :
DBK41

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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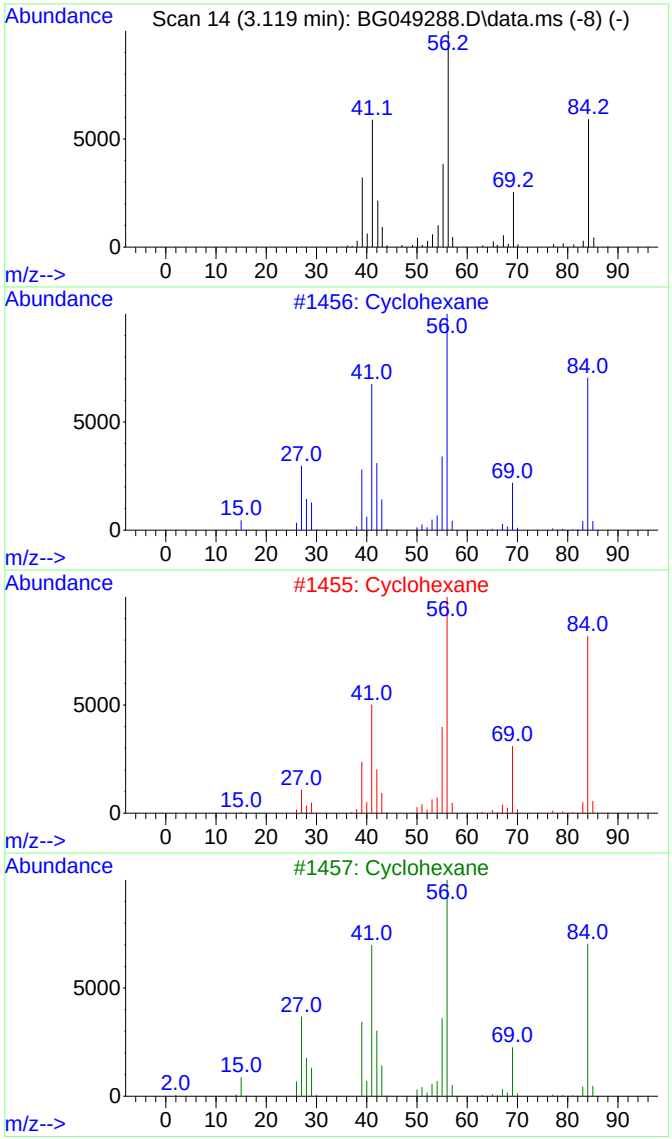
Quant Title : SVOA CALIBRATION

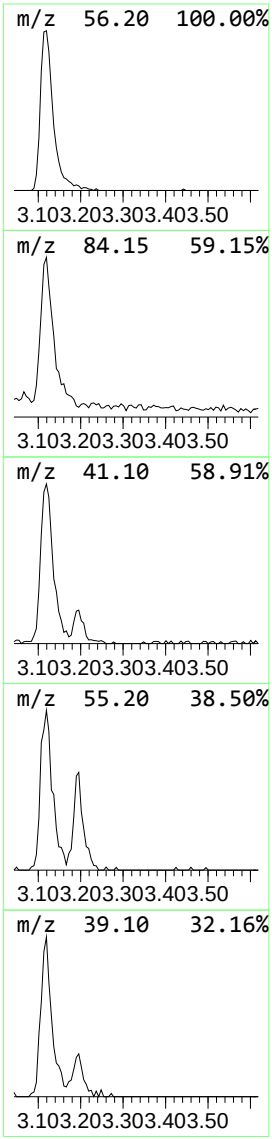
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	20.83 ng/ul	205991	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclohexane	84	C6H12	000110-82-7	64





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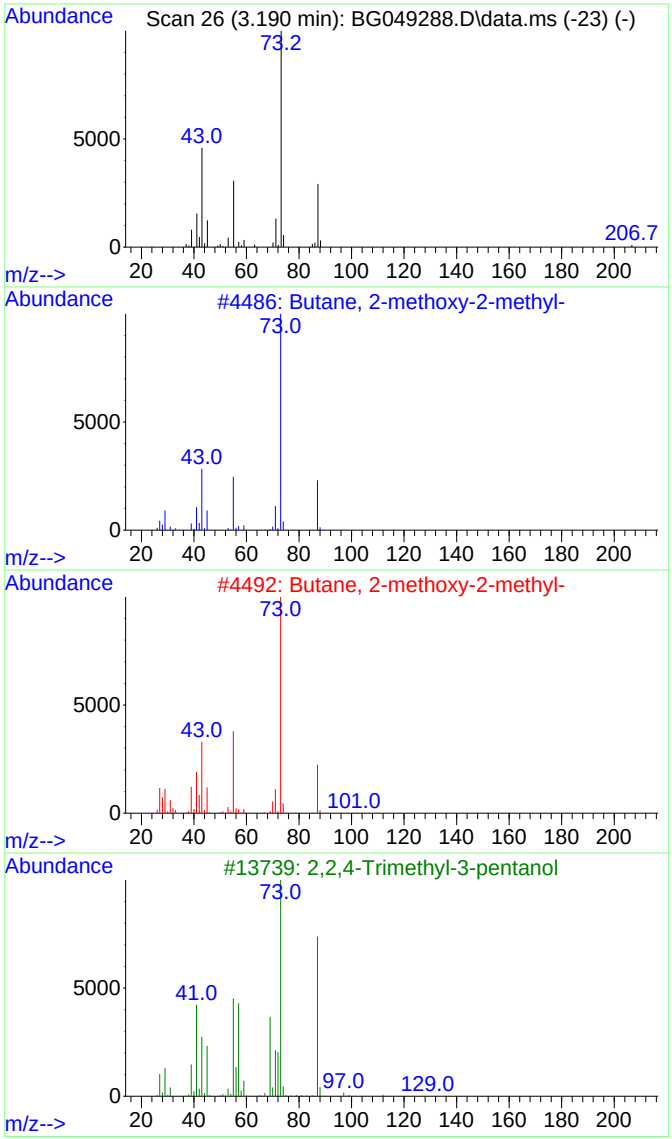
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

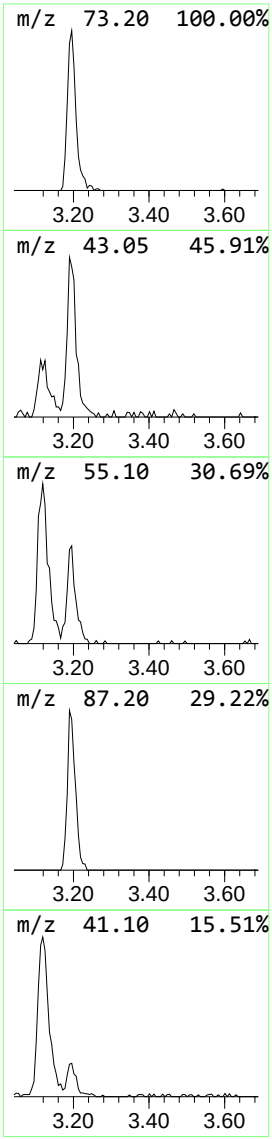
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	8.13 ng/ul	80368	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32





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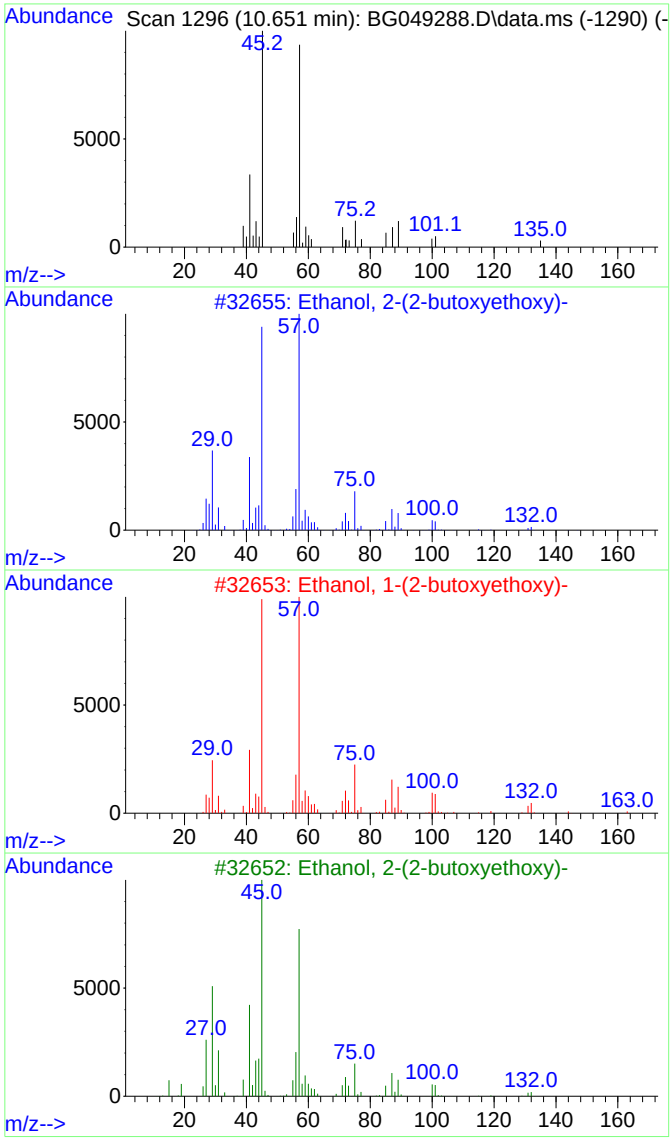
Quant Title : SVOA CALIBRATION

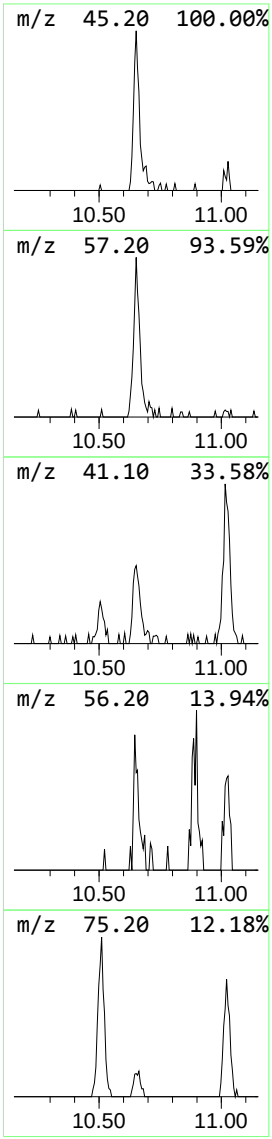
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.650	2.72 ng/ul	37897	Naphthalene-d8	10.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.120	20.8	ng/ul	205991	1	8.072	197805	20.0
Butane, 2-metho...	3.190	8.1	ng/ul	80368	1	8.072	197805	20.0
Ethanol, 2-(2-b...	10.650	2.7	ng/ul	37897	2	10.892	279158	20.0