LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG053116\
Data File : BG022128.D
Acq On : 1 Jun 2016 1:01
Operator : UM/SJ
Sample : H3305-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZL7

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-BG052116.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	4.112	214	217	219	rBV3	1304	1525	0.14%	0.016%
2	7.303	753	760	767	rBV2	12470	26950	2.41%	0.282%
3	7.456	780	786	798	rBV	52812	106778	9.54%	1.119%
4	7.667	815	822	833	rBV	59054	122284	10.93%	1.281%
5	8.096	892	895	896	rBV3	1613	1874	0.17%	0.020%
6	8.137	896	902	909	rBV	82714	159847	14.28%	1.674%
7	8.225	915	917	923	rVB4	1932	3197	0.29%	0.033%
8	8.337	933	936	937	rBV2	1581	1357	0.12%	0.014%
9	8.560	971	974	977	rBV2	1272	1467	0.13%	0.015%
10	8.848	1016	1023	1034	rBV2	52089	111488	9.96%	1.168%
11	9.306	1093	1101	1114	rBV	68743	154718	13.82%	1.621%
12	9.430	1114	1122	1134	rVB2	32988	75854	6.78%	0.795%
13	10.035	1216	1225	1241	rBV2	57538	129422	11.56%	1.356%
14	10.141	1241	1243	1247	rVB4	1338	1704	0.15%	0.018%
15	10.211	1253	1255	1259	rBV3	1439	1499	0.13%	0.016%
16	10.252	1259	1262	1264	rBV5	2956	3818	0.34%	0.040%
17	10.581	1310	1318	1332	rBV	106920	233929	20.90%	2.450%
18	10.705	1332	1339	1350	rBV2	87251	169096	15.11%	1.771%
19	10.957	1374	1382	1396	rBV	160861	323220	28.88%	3.386%
20	11.057	1396	1399	1403	rBV3	3198	4629	0.41%	0.048%
21	11.245	1428	1431	1437	rVB4	3820	7214	0.64%	0.076%
22	11.322	1437	1444	1445	rBV4	1146	2036	0.18%	0.021%
23	11.557	1481	1484	1487	rBV2	1030	1347	0.12%	0.014%
24	11.715	1507	1511	1512	rBV	1600	1597	0.14%	0.017%
25	11.850	1529	1534	1540	rBV4	2736	5657	0.51%	0.059%
26	12.526	1645	1649	1651	rBV3	1762	2071	0.19%	0.022%
27	12.550	1651	1653	1658	rVB4	1944	3285	0.29%	0.034%
28	12.749	1684	1687	1689	rBV	1387	1956	0.17%	0.020%
29	12.826	1697	1700	1706	rVB4	2574	3597	0.32%	0.038%
30	12.884	1709	1710	1713	rBV3	1846	1767	0.16%	0.019%
31	13.008	1724	1731	1734	rBV4	2480	5460	0.49%	0.057%
32	13.067	1739	1741	1744	rVV4	2563	3034	0.27%	0.032%
33	13.114	1745	1749	1755	rVB4	4886	8175	0.73%	0.086%
34	13.355	1787	1790	1797	rBV3	3540	5348	0.48%	0.056%

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ClientSampleId : BCZL7

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Integrator: RTE
Smoothing : OFF Filtering: 5
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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-BG052116.M
Title : SVOA CALIBRATION

35	13.443	1802	1805	1807	rBV	1084	1405	0.13%	0.015%
36	13.637	1834	1838	1844	rBV4	3932	6134	0.55%	0.064%
37	13.695	1844	1848	1849	rBV	1921	2060	0.18%	0.022%
38	13.860	1871	1876	1880	rBV2	1215	2067	0.18%	0.022%
39	14.089	1910	1915	1918	rVB4	2248	3393	0.30%	0.036%
40	14.159	1918	1927	1943	rBV	318023	515974	46.10%	5.405%
41	14.406	1964	1969	1971	rBV3	1177	1425	0.13%	0.015%
42	14.459	1971	1978	1986	rBV	353987	623764	55.73%	6.534%
43	14.629	2001	2007	2008	rBV5	1714	2485	0.22%	0.026%
44	14.765	2022	2030	2040	rBV2	293577	518461	46.32%	5.431%
45	14.959	2057	2063	2064	rBV3	2514	2999	0.27%	0.031%
46	15.000	2064	2070	2073	rBV5	5690	10111	0.90%	0.106%
47	15.323	2123	2125	2127	rBV2	1698	1593	0.14%	0.017%
48	15.481	2150	2152	2157	rVB3	3311	4662	0.42%	0.049%
49	15.681	2183	2186	2190	rVB3	2292	3148	0.28%	0.033%
50	15.752	2190	2198	2212	rBV	502678	849333	75.89%	8.897%
51	15.875	2212	2219	2231	rVV	123590	221197	19.76%	2.317%
52	15.998	2235	2240	2243	rVB3	5651	9197	0.82%	0.096%
53	16.057	2247	2250	2251	rBV	1884	1366	0.12%	0.014%
54	16.192	2271	2273	2277	rVB3	1648	1988	0.18%	0.021%
55	16.327	2294	2296	2300	rVB3	1866	2144	0.19%	0.022%
56	16.374	2303	2304	2307	rVB2	1866	1613	0.14%	0.017%
57	16.633	2346	2348	2351	rBV	1188	1353	0.12%	0.014%
58	16.703	2357	2360	2362	rBV3	1935	1849	0.17%	0.019%
59	16.792	2373	2375	2378	rVB3	2391	2445	0.22%	0.026%
60	17.021	2412	2414	2418	rBV	1276	1584	0.14%	0.017%
61	17.091	2423	2426	2430	rVB2	1622	1773	0.16%	0.019%
62	17.132	2430	2433	2436	rBV3	1478	1708	0.15%	0.018%
63	17.285	2456	2459	2467	rBV6	1722	3227	0.29%	0.034%
64	17.508	2490	2497	2507	rBV	386027	641398	57.31%	6.719%
65	17.608	2507	2514	2525	rVV	543013	938380	83.84%	9.830%
66	17.796	2545	2546	2548	rVB2	2954	1393	0.12%	0.015%
67	17.849	2553	2555	2557	rBV3	2051	1402	0.13%	0.015%
68	18.043	2584	2588	2593	rVB5	2625	3659	0.33%	0.038%
69	18.372	2639	2644	2645	rBV4	2159	2919	0.26%	0.031%
70	18.384	2645	2646	2648	rBV2	1602	1495	0.13%	0.016%
71	18.519	2667	2669	2671	rBV2	1852	1628	0.15%	0.017%

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ClientSampleId : BCZL7

Integration Parameters: LSCINT.P
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Title : SVOA CALIBRATION

72	18.637	2686	2689	2690	rBV2	1888	1726	0.15%	0.018%
73	19.165	2777	2779	2782	rBV4	1740	1563	0.14%	0.016%
74	19.271	2795	2797	2799	rBV3	1463	1364	0.12%	0.014%
75	19.312	2802	2804	2809	rBV3	2272	4337	0.39%	0.045%
76	19.471	2829	2831	2832	rBV2	2136	1450	0.13%	0.015%
77	19.524	2836	2840	2844	rVV	7403	11004	0.98%	0.115%
78	19.776	2878	2883	2888	rBV3	7766	13090	1.17%	0.137%
79	19.882	2895	2901	2913	rBV	699999	1119227	100.00%	11.724%
80	21.786	3218	3225	3234	rBV	357447	683961	61.11%	7.165%
81	23.108	3445	3450	3459	rVB3	27311	62047	5.54%	0.650%
82	24.870	3740	3750	3765	rBV2	296437	905404	80.90%	9.484%
83	25.100	3779	3789	3801	rVB2	206188	661091	59.07%	6.925%

Sum of corrected areas: 9546196

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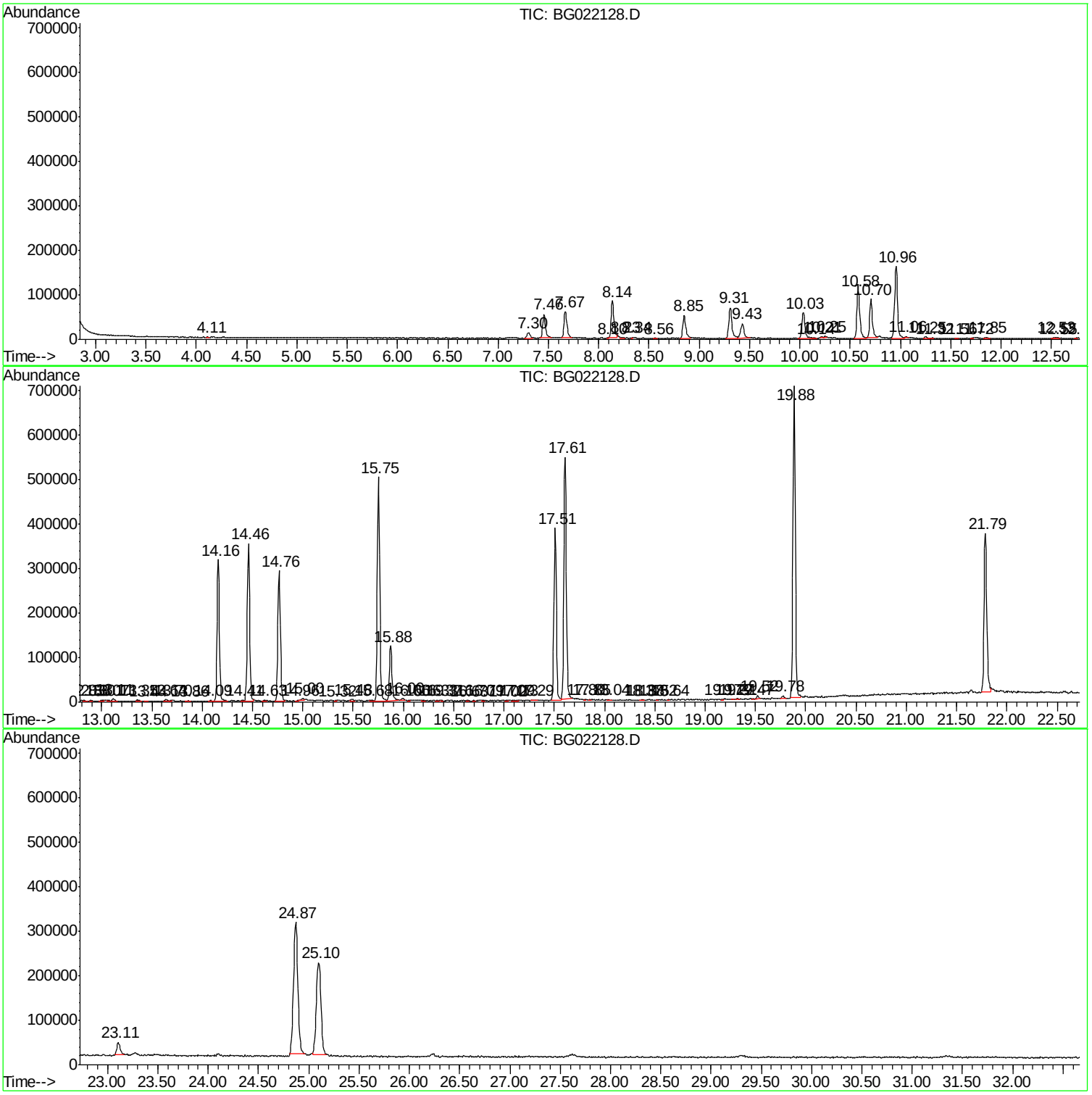
BCZL7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

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



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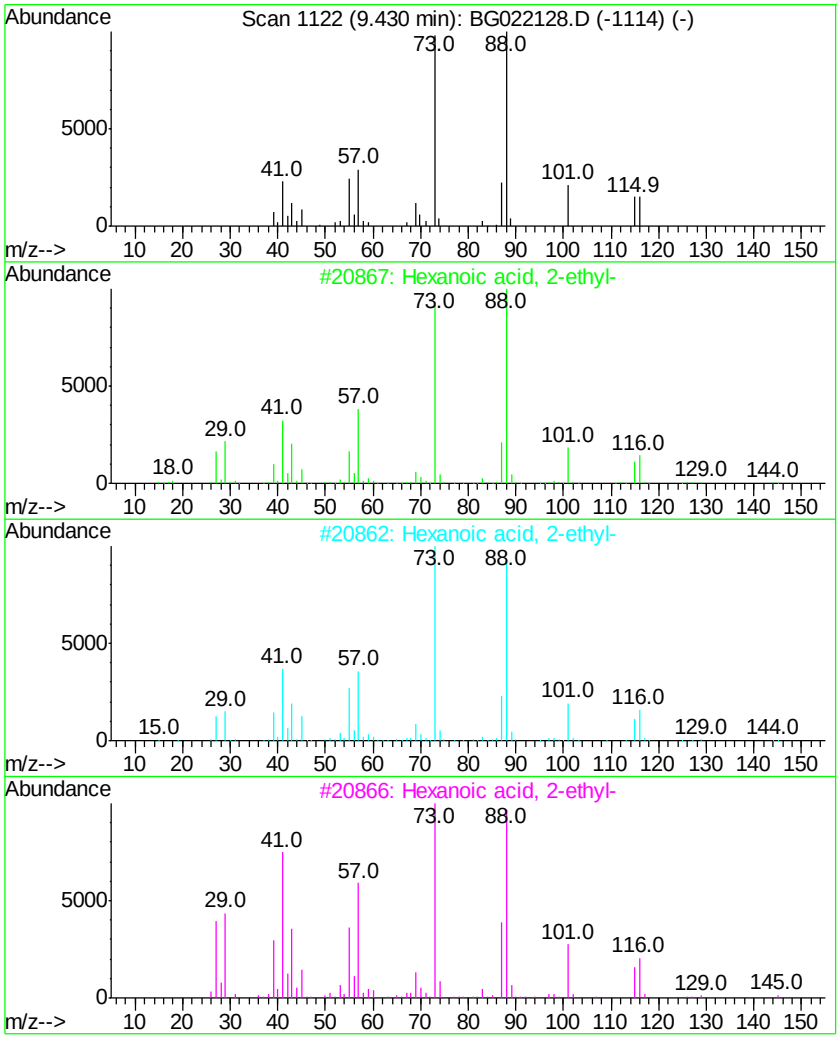
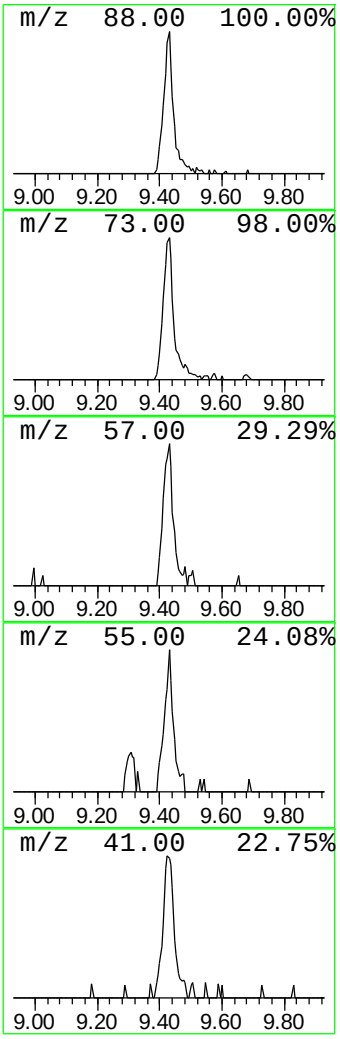
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	9.49 ng/ul	75854	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	56
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	45
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	37





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ClientSampleId : BCZL7

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Quant Title : SVOA CALIBRATION

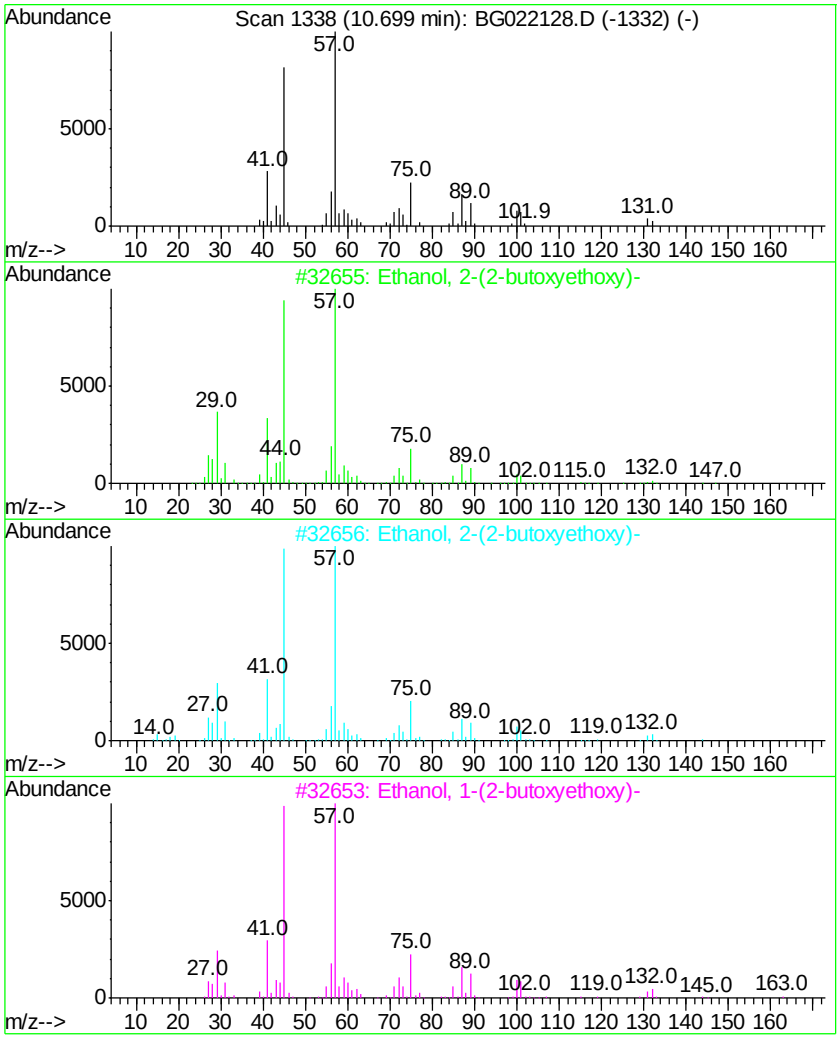
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

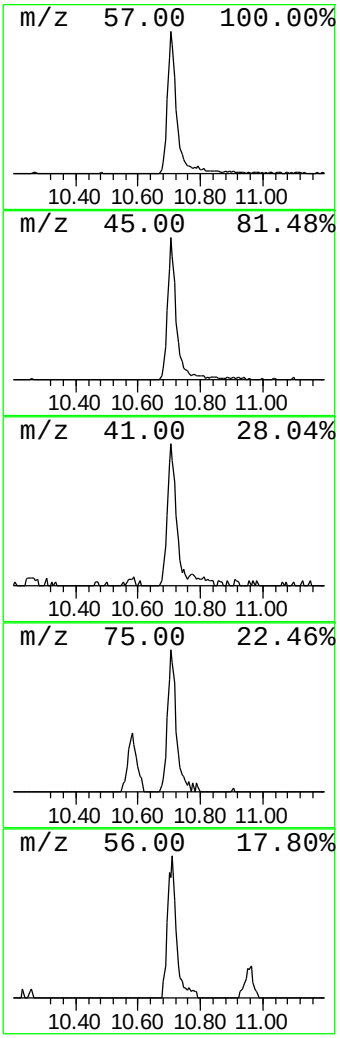
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	10.46 ng/ul	169096	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	86
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, 2-...	9.43	9.5	ng/ul	75854	1	8.14	159847	20.0
Ethanol, 2-(2-but...	10.70	10.5	ng/ul	169096	2	10.96	323220	20.0