LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057371.D
Acq On : 10 May 2023 16:10
Operator : CG/JU
Sample : 02694-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JREN8

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-BG042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.641	14	17	25	rVB3	2897	5297	0.69%	0.088%
2	4.093	92	94	105	rBV2	9566	17030	2.23%	0.282%
3	4.440	150	153	156	rBV	904	1256	0.16%	0.021%
4	7.506	670	675	686	rVB2	16481	27349	3.57%	0.453%
5	7.671	697	703	710	rBB	58053	94786	12.38%	1.570%
6	7.894	735	741	749	rBB2	58252	98783	12.91%	1.637%
7	8.370	816	822	829	rVB	56051	93789	12.25%	1.554%
8	9.069	935	941	950	rBV2	48930	85229	11.14%	1.412%
9	9.544	1013	1022	1032	rBB	76560	136209	17.80%	2.257%
10	9.897	1078	1082	1087	rVB2	1996	2833	0.37%	0.047%
11	10.273	1140	1146	1153	rBV	65216	114562	14.97%	1.898%
12	10.819	1232	1239	1251	rBV	90828	167032	21.82%	2.767%
13	11.207	1298	1305	1313	rBV	80673	141683	18.51%	2.347%
14	11.330	1318	1326	1338	rBV	82443	153968	20.12%	2.551%
15	12.382	1500	1505	1509	rVB	8480	10316	1.35%	0.171%
16	12.764	1566	1570	1574	rBV	1316	1714	0.22%	0.028%
17	13.839	1750	1753	1758	rBV2	2881	3620	0.47%	0.060%
18	14.367	1832	1843	1849	rBV	237468	342176	44.71%	5.669%
19	14.679	1889	1896	1905	rBV2	252383	391015	51.09%	6.478%
20	14.878	1927	1930	1935	rBV	667	886	0.12%	0.015%
21	14.978	1941	1947	1954	rVB	146485	233923	30.56%	3.876%
22	15.184	1977	1982	1991	rBV	9991	20713	2.71%	0.343%
23	15.965	2108	2115	2126	rVB	338350	517295	67.59%	8.571%
24	16.083	2130	2135	2150	rVV	76505	126174	16.48%	2.090%
25	16.206	2152	2156	2162	rVB3	1294	1571	0.21%	0.026%
26	17.722	2406	2414	2424	rBV	194949	307707	40.20%	5.098%
27	17.821	2424	2431	2439	rVV	416206	640400	83.67%	10.610%
28	17.968	2450	2456	2458	rBV3	746	1181	0.15%	0.020%
29	18.197	2492	2495	2504	rVB2	331	845	0.11%	0.014%
30	18.609	2561	2565	2566	rVV	858	799	0.10%	0.013%
31	18.638	2566	2570	2573	rVV	1564	2039	0.27%	0.034%
32	19.137	2651	2655	2657	rVB2	682	848	0.11%	0.014%
33	19.648	2737	2742	2747	rBV5	5118	9068	1.18%	0.150%
34	19.725	2748	2755	2761	rVV2	4614	8217	1.07%	0.136%
35	19.842	2771	2775	2776	rBV2	1087	1287	0.17%	0.021%
36	20.083	2809	2816	2824	rBV	517421	765389	100.00%	12.681%

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Title : SVOA CALIBRATION

37	20.242	2841	2843	2845	rBV3	1529	1136	0.15%	0.019%
38	20.265	2845	2847	2848	rBV2	1084	846	0.11%	0.014%
39	20.347	2858	2861	2864	rBV4	993	1035	0.14%	0.017%
40	20.412	2870	2872	2873	rBV	1041	907	0.12%	0.015%
41	20.530	2889	2892	2893	rBV2	1520	1104	0.14%	0.018%
42	20.553	2893	2896	2897	rBV3	1530	1855	0.24%	0.031%
43	20.582	2900	2901	2903	rVB2	1581	819	0.11%	0.014%
44	20.659	2912	2914	2917	rBV3	1248	1515	0.20%	0.025%
45	20.682	2917	2918	2920	rVV2	1091	772	0.10%	0.013%
46	20.964	2964	2966	2968	rBV2	1674	1644	0.21%	0.027%
47	21.041	2977	2979	2980	rBV2	1643	1108	0.14%	0.018%
48	21.146	2995	2997	3000	rBV4	1265	1148	0.15%	0.019%
49	21.581	3068	3071	3072	rBV3	2524	2838	0.37%	0.047%
50	21.699	3088	3091	3096	rBV4	3989	5973	0.78%	0.099%
51	22.028	3140	3147	3156	rVB2	196571	335437	43.83%	5.558%
52	22.133	3163	3165	3168	rBV4	1699	2612	0.34%	0.043%
53	22.163	3168	3170	3173	rVV3	2122	2648	0.35%	0.044%
54	22.862	3271	3289	3291	rBV3	16377	55955	7.31%	0.927%
55	23.067	3322	3324	3325	rBV2	2217	1546	0.20%	0.026%
56	23.285	3359	3361	3364	rBV4	1716	1533	0.20%	0.025%
57	24.160	3508	3510	3512	rBV3	2382	1610	0.21%	0.027%
58	24.336	3538	3540	3544	rBV4	1885	1807	0.24%	0.030%
59	24.383	3546	3548	3550	rBV3	1792	1702	0.22%	0.028%
60	24.742	3608	3609	3610	rBV	2416	1230	0.16%	0.020%
61	25.294	3691	3703	3716	rBV2	248418	723593	94.54%	11.989%
62	25.529	3735	3743	3758	rVB2	103698	318677	41.64%	5.280%
63	25.993	3820	3822	3824	rBV3	2527	2628	0.34%	0.044%
64	26.680	3935	3939	3940	rBV4	3125	3691	0.48%	0.061%
65	27.144	4016	4018	4019	rBV	1951	1612	0.21%	0.027%
66	27.209	4027	4029	4030	rBV2	2068	1281	0.17%	0.021%
67	27.250	4034	4036	4040	rBV4	1825	2137	0.28%	0.035%
68	27.814	4130	4132	4133	rBV2	2130	1023	0.13%	0.017%
69	27.972	4157	4159	4162	rBV4	1701	1624	0.21%	0.027%
70	28.237	4203	4204	4209	rVB5	3065	3229	0.42%	0.053%
71	28.284	4209	4212	4215	rBV4	2853	4333	0.57%	0.072%
72	28.783	4295	4297	4301	rBV5	2104	1674	0.22%	0.028%
73	29.600	4434	4436	4437	rBV2	1940	1216	0.16%	0.020%
74	30.487	4585	4587	4588	rBV2	1760	1028	0.13%	0.017%
75	30.534	4591	4595	4597	rBV4	1776	2357	0.31%	0.039%
76	30.792	4637	4639	4640	rVB2	2167	1083	0.14%	0.018%

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77	31.168	4701	4703	4705	rBV3	1960	1915	0.25%	0.032%
78	31.438	4747	4749	4750	rBV2	1891	1735	0.23%	0.029%
79	32.049	4851	4853	4854	rBV2	2240	2145	0.28%	0.036%
80	32.460	4922	4923	4925	rBV2	1775	1315	0.17%	0.022%
81	32.531	4933	4935	4937	rBV3	1717	1659	0.22%	0.027%

Sum of corrected areas: 6035724

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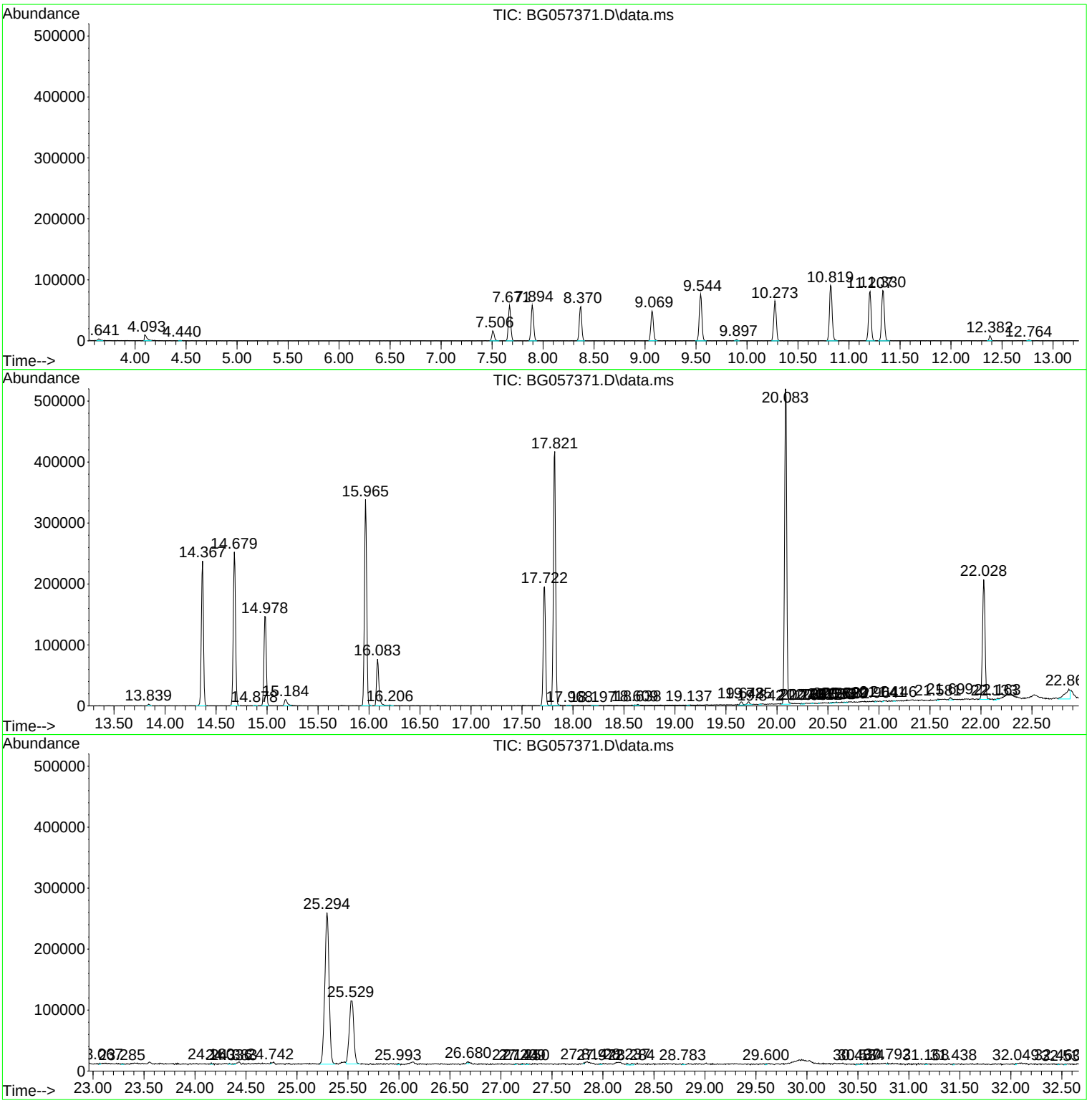
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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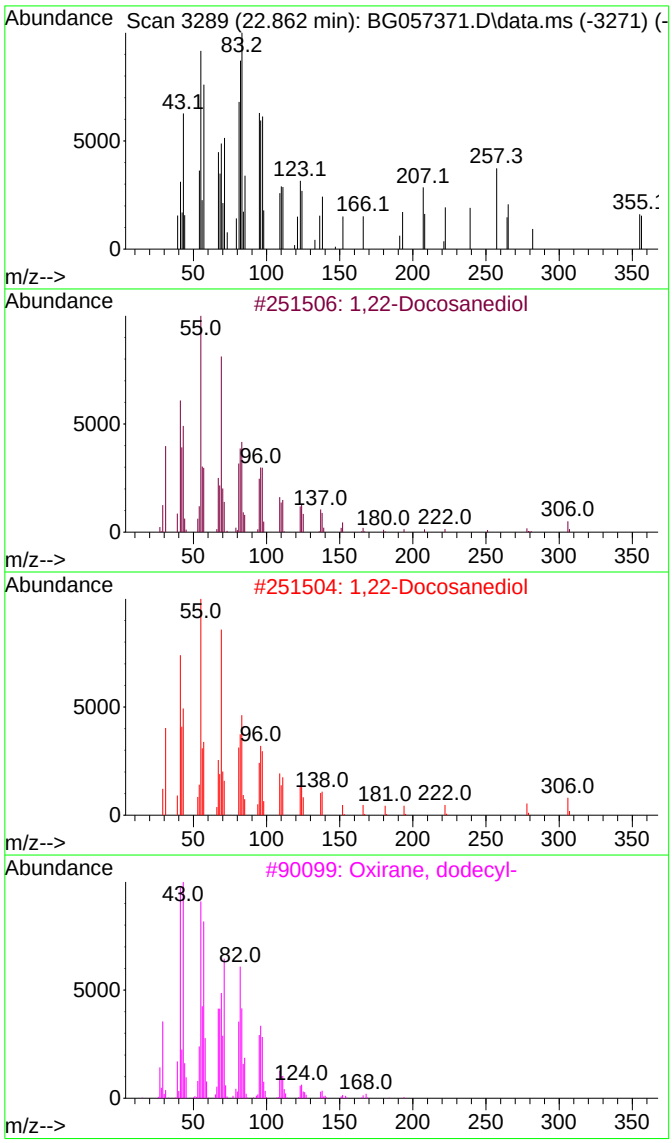
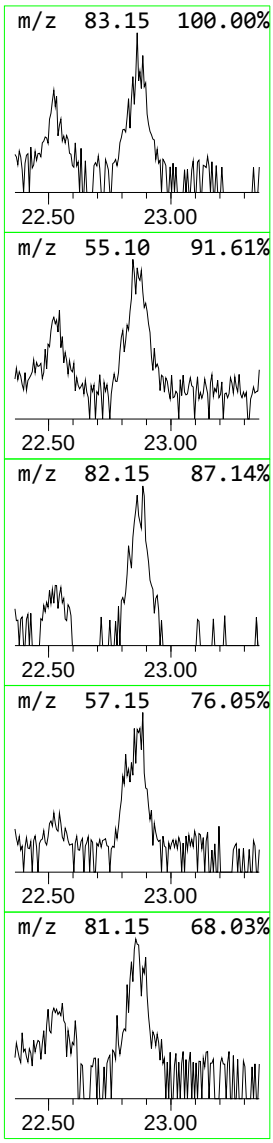
Peak Number 1 1,22-Docosanediol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.862	3.34 ng/ul	55955	Chrysene-d12	22.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	72
2	1,22-Docosanediol	342	C22H46O2	022513-81-1	72
3	Oxirane, dodecyl-	212	C14H28O	003234-28-4	52
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	49
5	11-Hexadecen-1-ol, acetate, (Z)-	282	C18H34O2	034010-21-4	46





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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
1,22-Docosanediol	22.862	3.3	ng/ul	55955	5	22.028	335437	20.0