LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049700.D
Acq On : 7 Aug 2021 11:18
Operator : CG/JU
Sample : M3181-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEX1

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049700.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.157	15	20	33	rVB	266348	477070	100.00%	10.032%
2	3.680	108	109	111	rBV2	1986	1635	0.34%	0.034%
3	3.862	136	140	149	rBV2	20624	42073	8.82%	0.885%
4	5.019	336	337	342	rBV	1750	1900	0.40%	0.040%
5	5.190	363	366	368	rBV3	929	1044	0.22%	0.022%
6	5.495	415	418	422	rBV3	1433	2069	0.43%	0.044%
7	6.165	531	532	534	rBV	1434	1188	0.25%	0.025%
8	6.412	571	574	576	rBV	819	1084	0.23%	0.023%
9	6.494	587	588	592	rBV	1694	1192	0.25%	0.025%
10	6.606	606	607	610	rBV	1598	1591	0.33%	0.033%
11	6.799	638	640	644	rVB	1716	1470	0.31%	0.031%
12	7.017	675	677	678	rBV	1990	1163	0.24%	0.024%
13	7.199	699	708	716	rBV	62987	116152	24.35%	2.442%
14	7.363	730	736	744	rBV	42170	71872	15.07%	1.511%
15	7.504	758	760	763	rBV	1061	1391	0.29%	0.029%
16	7.569	765	771	782	rVV3	66562	114741	24.05%	2.413%
17	8.045	845	852	859	rVB	87741	153501	32.18%	3.228%
18	8.638	950	953	957	rBV	1040	1292	0.27%	0.027%
19	8.750	966	972	980	rBV3	57958	105938	22.21%	2.228%
20	8.867	989	992	993	rBV	1467	1458	0.31%	0.031%
21	8.996	1011	1014	1017	rBV	1060	1112	0.23%	0.023%
22	9.055	1023	1024	1029	rBV2	1145	1161	0.24%	0.024%
23	9.208	1045	1050	1057	rVB	62234	114897	24.08%	2.416%
24	9.613	1118	1119	1124	rBV	1540	1486	0.31%	0.031%
25	9.701	1130	1134	1137	rBV2	1116	1343	0.28%	0.028%
26	9.936	1168	1174	1183	rVB	59235	108844	22.82%	2.289%
27	10.483	1260	1267	1279	rVB2	79069	146463	30.70%	3.080%
28	10.624	1286	1291	1301	rBV2	20133	39688	8.32%	0.835%
29	10.865	1324	1332	1344	rVB	126926	228003	47.79%	4.794%
30	11.000	1348	1355	1365	rVV	62763	114764	24.06%	2.413%
31	12.034	1528	1531	1532	rVB2	1245	1047	0.22%	0.022%
32	12.439	1599	1600	1606	rVB	1663	2375	0.50%	0.050%
33	13.009	1694	1697	1699	rBV	1159	1083	0.23%	0.023%
34	13.972	1856	1861	1864	rBV2	1659	2001	0.42%	0.042%
35	14.090	1876	1881	1888	rBV	156072	233117	48.86%	4.902%
36	14.389	1925	1932	1940	rVB	167857	256783	53.83%	5.400%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BGEX1

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-BG080421.M
Title : SVOA CALIBRATION

37	14.583	1963	1965	1971	rBV2	1257	1626	0.34%	0.034%
38	14.695	1977	1984	1991	rBV2	199759	308111	64.58%	6.479%
39	14.847	2007	2010	2013	rBV	1097	1064	0.22%	0.022%
40	14.900	2013	2019	2029	rBV3	38171	79679	16.70%	1.675%
41	15.253	2077	2079	2085	rBV3	1092	1318	0.28%	0.028%
42	15.687	2147	2153	2160	rBV	208447	323692	67.85%	6.806%
43	15.734	2160	2161	2164	rVB	2151	1348	0.28%	0.028%
44	15.811	2168	2174	2183	rBV	41804	65153	13.66%	1.370%
45	15.905	2186	2190	2191	rBV2	1237	1323	0.28%	0.028%
46	15.922	2191	2193	2196	rBV2	1587	1620	0.34%	0.034%
47	16.034	2209	2212	2215	rBV2	964	1245	0.26%	0.026%
48	16.375	2269	2270	2272	rBV2	1177	1127	0.24%	0.024%
49	16.510	2290	2293	2294	rBV	1333	1265	0.27%	0.027%
50	16.639	2313	2315	2318	rVB	2262	1751	0.37%	0.037%
51	16.874	2354	2355	2358	rBV	1245	1304	0.27%	0.027%
52	16.909	2360	2361	2364	rBV	1482	1152	0.24%	0.024%
53	17.021	2379	2380	2383	rBV2	1388	1251	0.26%	0.026%
54	17.056	2383	2386	2387	rBV2	1362	1212	0.25%	0.025%
55	17.179	2406	2407	2410	rVB2	1554	1353	0.28%	0.028%
56	17.238	2414	2417	2419	rBV2	2466	2220	0.47%	0.047%
57	17.403	2443	2445	2446	rBV	1854	1247	0.26%	0.026%
58	17.444	2446	2452	2458	rVV	229211	354298	74.27%	7.450%
59	17.544	2464	2469	2477	rVB2	213665	319529	66.98%	6.719%
60	17.620	2481	2482	2483	rBV2	2205	1335	0.28%	0.028%
61	17.661	2487	2489	2491	rBV2	2174	1479	0.31%	0.031%
62	18.166	2573	2575	2577	rBV	2112	1251	0.26%	0.026%
63	18.278	2590	2594	2597	rBV5	3186	3304	0.69%	0.069%
64	18.325	2598	2602	2607	rBV6	6754	11798	2.47%	0.248%
65	18.478	2627	2628	2630	rVB2	3301	1371	0.29%	0.029%
66	18.554	2640	2641	2643	rBV2	3621	3198	0.67%	0.067%
67	18.672	2659	2661	2664	rBV2	2765	2260	0.47%	0.048%
68	19.118	2736	2737	2740	rBV3	3054	2836	0.59%	0.060%
69	19.835	2853	2859	2867	rBV	245858	371164	77.80%	7.805%
70	20.804	3020	3024	3029	rVB	110114	129032	27.05%	2.713%
71	21.356	3114	3118	3122	rBV2	39601	54989	11.53%	1.156%
72	21.726	3176	3181	3189	rVB	209027	343765	72.06%	7.229%

Sum of corrected areas: 4755661

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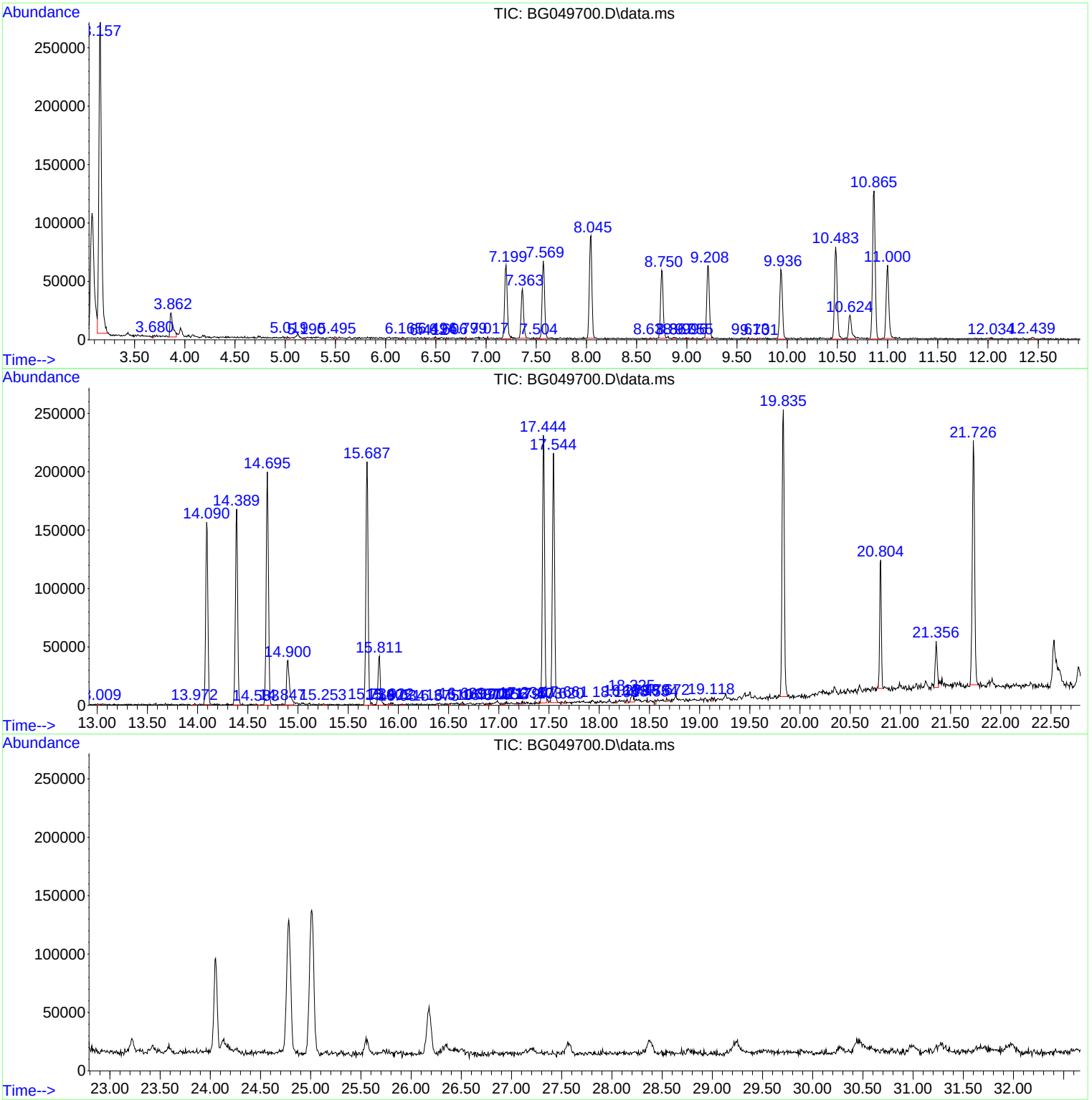
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



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Acq On : 7 Aug 2021 11:18
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Instrument : BNA_G
ClientSampleId : BGEX1

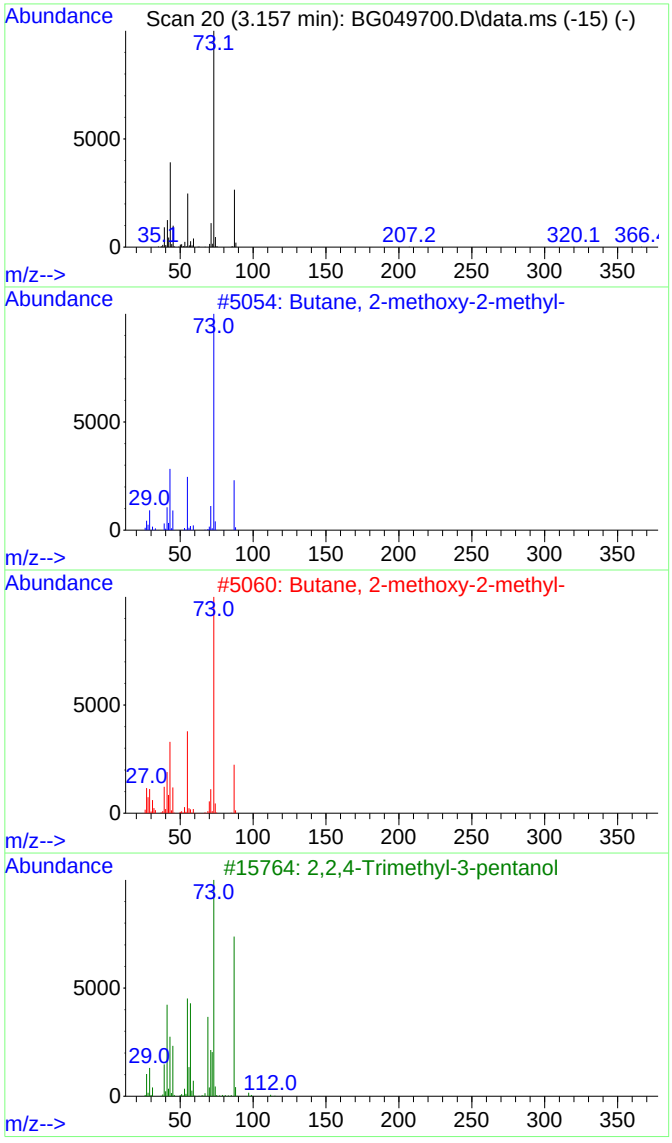
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

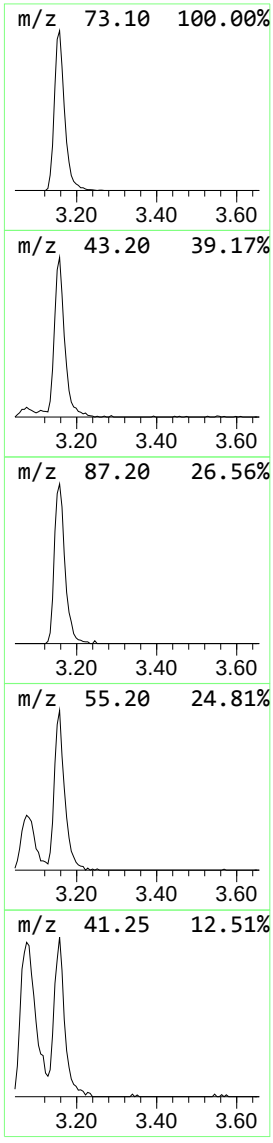
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.157	62.16 ng/ul	477070	1,4-Dichlorobenzene-d4	8.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	28
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049700.D
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Sample : M3181-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEX1

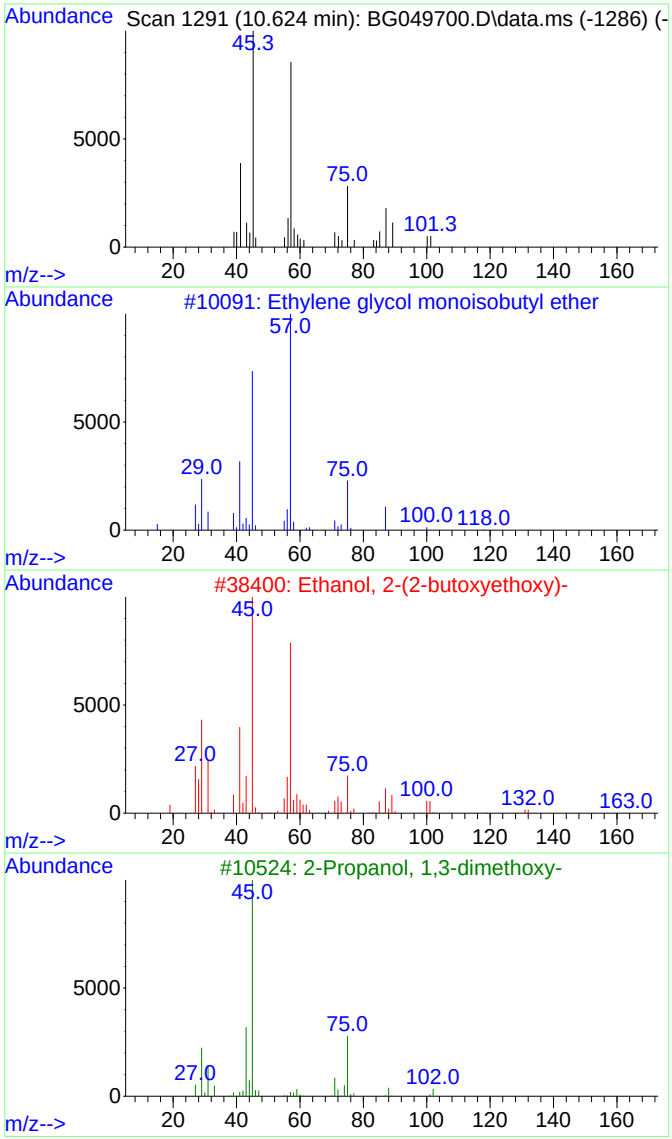
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

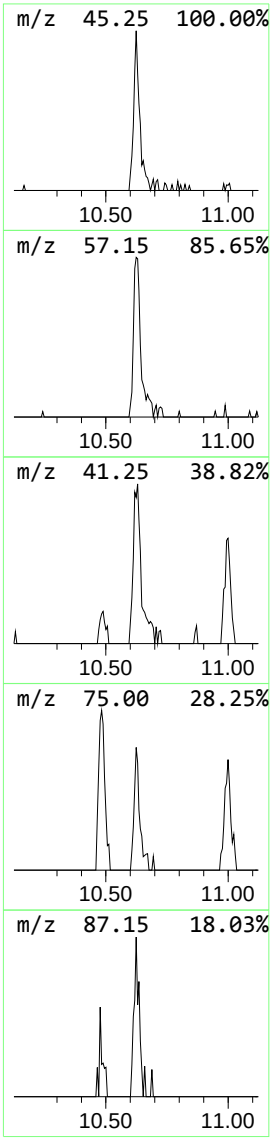
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethylene glycol monoisobuty... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.624	3.48 ng/ul	39688	Naphthalene-d8	10.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
3	2-Propanol, 1,3-dimethoxy-	120	C5H12O3	000623-69-8	50
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	45
5	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	45





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEX1

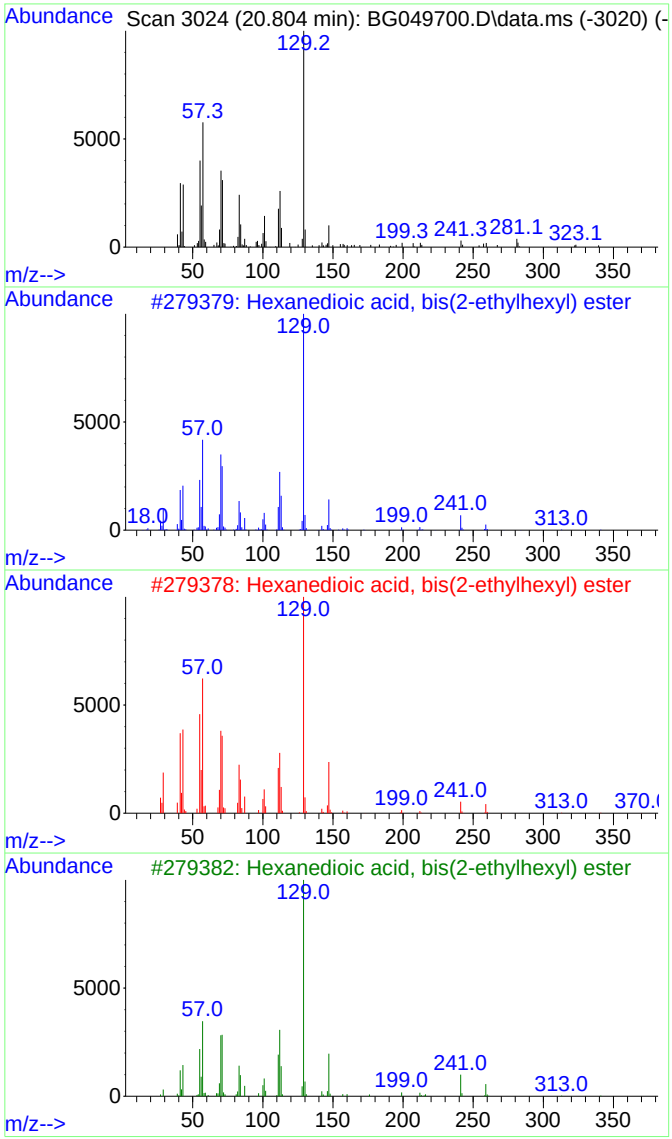
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

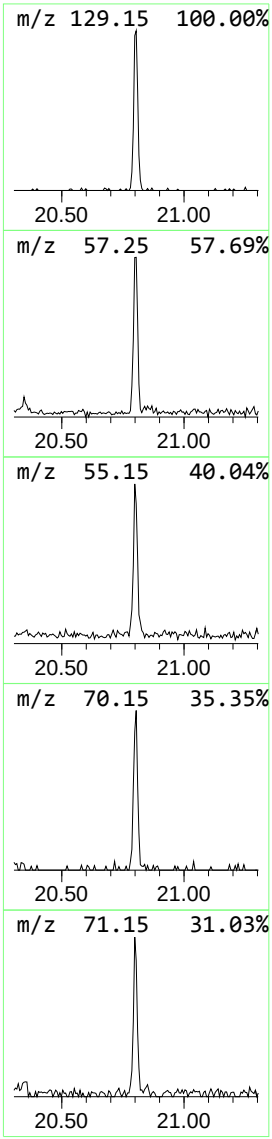
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	7.51 ng/ul	129032	Chrysene-d12	21.726

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	53
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	52
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	52





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Instrument : BNA_G
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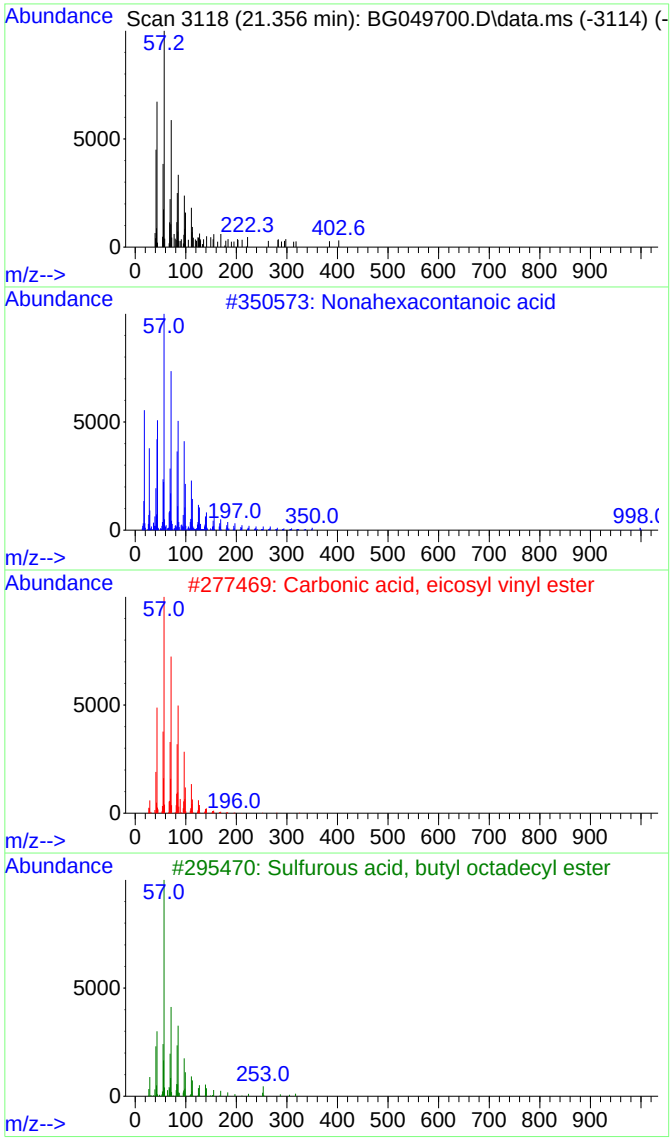
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

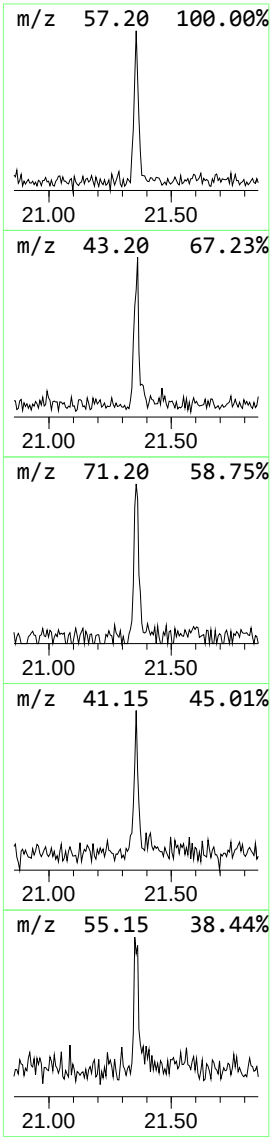
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Nonahexacontanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.356	3.20 ng/ul	54989	Chrysene-d12	21.726

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	90
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	87
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87
5	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	86





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-metho...	3.157	62.2	ng/ul	477070	1	8.045	153501	20.0
Ethylene glycol...	10.624	3.5	ng/ul	39688	2	10.865	228003	20.0
Hexanedioic aci...	20.804	7.5	ng/ul	129032	5	21.726	343765	20.0
Nonahexacontano...	21.356	3.2	ng/ul	54989	5	21.726	343765	20.0