LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049703.D
Acq On : 7 Aug 2021 13:21
Operator : CG/JU
Sample : M3181-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEZ2

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: BG049703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.153	14	19	40	rVB	265300	468659	100.00%	8.928%
2	3.864	137	140	153	rBV	15406	37293	7.96%	0.710%
3	6.525	589	593	594	rBV2	1310	1852	0.40%	0.035%
4	7.195	702	707	714	rBV	52054	92424	19.72%	1.761%
5	7.359	730	735	743	rBV	33931	60093	12.82%	1.145%
6	7.570	764	771	779	rBV3	51583	98262	20.97%	1.872%
7	7.682	789	790	793	rBV3	2013	2334	0.50%	0.044%
8	7.823	812	814	817	rBV3	1110	1224	0.26%	0.023%
9	8.040	845	851	857	rBV2	102176	169382	36.14%	3.227%
10	8.751	966	972	979	rVB2	64644	115244	24.59%	2.195%
11	9.209	1044	1050	1057	rBV2	56239	99569	21.25%	1.897%
12	9.362	1072	1076	1079	rBV2	1277	1328	0.28%	0.025%
13	9.468	1092	1094	1096	rBV	1579	1150	0.25%	0.022%
14	9.938	1168	1174	1183	rVB2	50065	89714	19.14%	1.709%
15	10.425	1256	1257	1260	rBV	1205	1084	0.23%	0.021%
16	10.484	1260	1267	1275	rVV	66354	121983	26.03%	2.324%
17	10.625	1286	1291	1298	rVB2	22640	40945	8.74%	0.780%
18	10.801	1318	1321	1324	rBV2	1673	2133	0.46%	0.041%
19	10.860	1325	1331	1338	rVV	131060	240300	51.27%	4.578%
20	10.942	1342	1345	1348	rBB2	1235	1042	0.22%	0.020%
21	11.001	1348	1355	1362	rBV2	56454	113921	24.31%	2.170%
22	11.177	1382	1385	1386	rBV	1314	1316	0.28%	0.025%
23	11.453	1430	1432	1435	rBV	1306	1288	0.27%	0.025%
24	11.506	1439	1441	1444	rVB2	1460	1322	0.28%	0.025%
25	12.446	1599	1601	1606	rVB2	1576	2586	0.55%	0.049%
26	13.034	1698	1701	1704	rBV	804	1205	0.26%	0.023%
27	13.286	1743	1744	1747	rBV	1706	1575	0.34%	0.030%
28	13.515	1782	1783	1786	rVB	1249	1047	0.22%	0.020%
29	14.091	1875	1881	1888	rVB	132161	194054	41.41%	3.697%
30	14.173	1892	1895	1898	rBV2	984	1129	0.24%	0.022%
31	14.303	1912	1917	1918	rBV2	1072	1462	0.31%	0.028%
32	14.385	1925	1931	1938	rBV	138000	209728	44.75%	3.995%
33	14.632	1970	1973	1975	rBV	1204	1236	0.26%	0.024%
34	14.696	1977	1984	1993	rVB	209337	337556	72.03%	6.430%
35	14.849	2005	2010	2011	rBV2	885	1429	0.30%	0.027%
36	14.896	2012	2018	2028	rBV3	37676	75439	16.10%	1.437%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

37	15.072	2045	2048	2051	rBV	1512	1886	0.40%	0.036%
38	15.184	2066	2067	2072	rBV	876	1305	0.28%	0.025%
39	15.260	2077	2080	2081	rBV	1127	1159	0.25%	0.022%
40	15.501	2119	2121	2125	rVB	1408	1033	0.22%	0.020%
41	15.548	2127	2129	2131	rVB	1402	1172	0.25%	0.022%
42	15.577	2131	2134	2135	rBV	1532	1131	0.24%	0.022%
43	15.683	2147	2152	2166	rVB	175487	270392	57.69%	5.151%
44	15.806	2168	2173	2181	rBV2	43570	71021	15.15%	1.353%
45	16.200	2237	2240	2243	rBV2	836	1326	0.28%	0.025%
46	16.288	2251	2255	2256	rBV2	1265	1552	0.33%	0.030%
47	16.376	2268	2270	2272	rBV	1781	1131	0.24%	0.022%
48	16.429	2277	2279	2283	rVB2	1286	1501	0.32%	0.029%
49	16.846	2346	2350	2354	rBV	998	1292	0.28%	0.025%
50	17.187	2407	2408	2412	rVB	1672	1615	0.34%	0.031%
51	17.228	2412	2415	2416	rBV	1985	1316	0.28%	0.025%
52	17.328	2430	2432	2433	rBV	1625	1099	0.23%	0.021%
53	17.445	2445	2452	2460	rBV	269638	413234	88.17%	7.872%
54	17.545	2462	2469	2478	rBV	186651	296861	63.34%	5.655%
55	17.721	2496	2499	2501	rBV	1795	1951	0.42%	0.037%
56	17.851	2519	2521	2522	rBV	1661	1092	0.23%	0.021%
57	18.062	2556	2557	2560	rBV	1130	1135	0.24%	0.022%
58	18.097	2560	2563	2567	rVV3	2834	3793	0.81%	0.072%
59	18.139	2567	2570	2572	rVV	1352	1255	0.27%	0.024%
60	18.180	2574	2577	2578	rBV	1498	1179	0.25%	0.022%
61	18.326	2597	2602	2608	rBV3	5357	8766	1.87%	0.167%
62	18.397	2611	2614	2617	rVV	2810	4055	0.87%	0.077%
63	18.426	2617	2619	2623	rVB	1368	1739	0.37%	0.033%
64	18.573	2642	2644	2647	rVB2	1411	1322	0.28%	0.025%
65	18.708	2665	2667	2671	rVB2	1544	1444	0.31%	0.028%
66	18.761	2671	2676	2679	rBV	3495	5493	1.17%	0.105%
67	18.885	2696	2697	2701	rBV	1184	1320	0.28%	0.025%
68	18.926	2701	2704	2706	rBV2	2075	2210	0.47%	0.042%
69	19.096	2731	2733	2736	rBV	1064	1066	0.23%	0.020%
70	19.243	2756	2758	2759	rBV	1810	1185	0.25%	0.023%
71	19.296	2764	2767	2768	rBV2	2489	2260	0.48%	0.043%
72	19.355	2775	2777	2779	rBV	1879	1235	0.26%	0.024%
73	19.830	2852	2858	2866	rBV	233046	333859	71.24%	6.360%
74	20.800	3019	3023	3028	rBV	96792	113162	24.15%	2.156%
75	21.728	3175	3181	3187	rVB	236181	392917	83.84%	7.485%
76	24.777	3694	3700	3712	rVB3	105080	278763	59.48%	5.310%

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ClientSampleId : BGEZ2

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Title : SVOA CALIBRATION

77	25.006	3732	3739	3752	rVB2	148426	425810	90.86%	8.112%

Sum of corrected areas: 5249345

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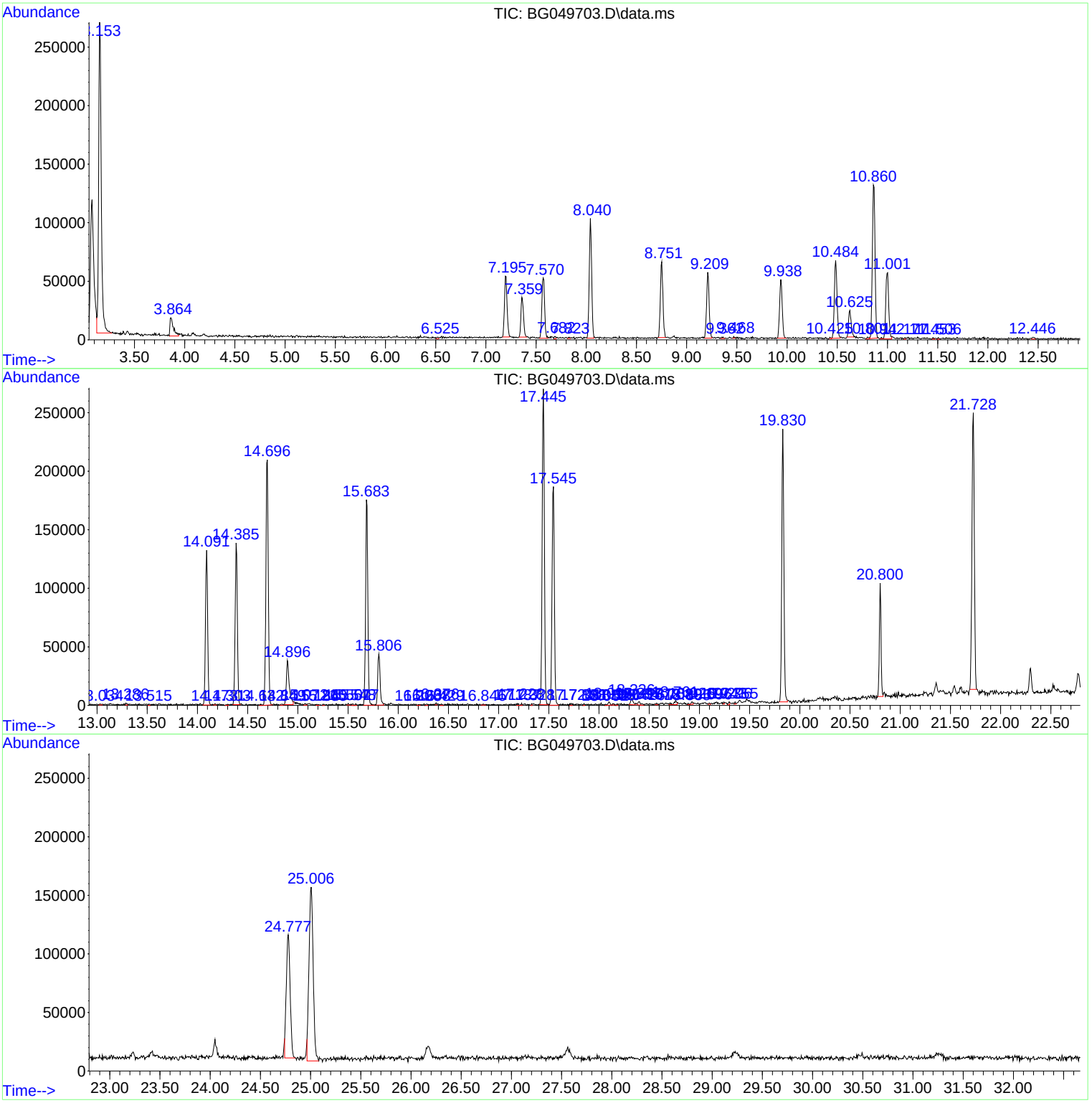
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEZ2

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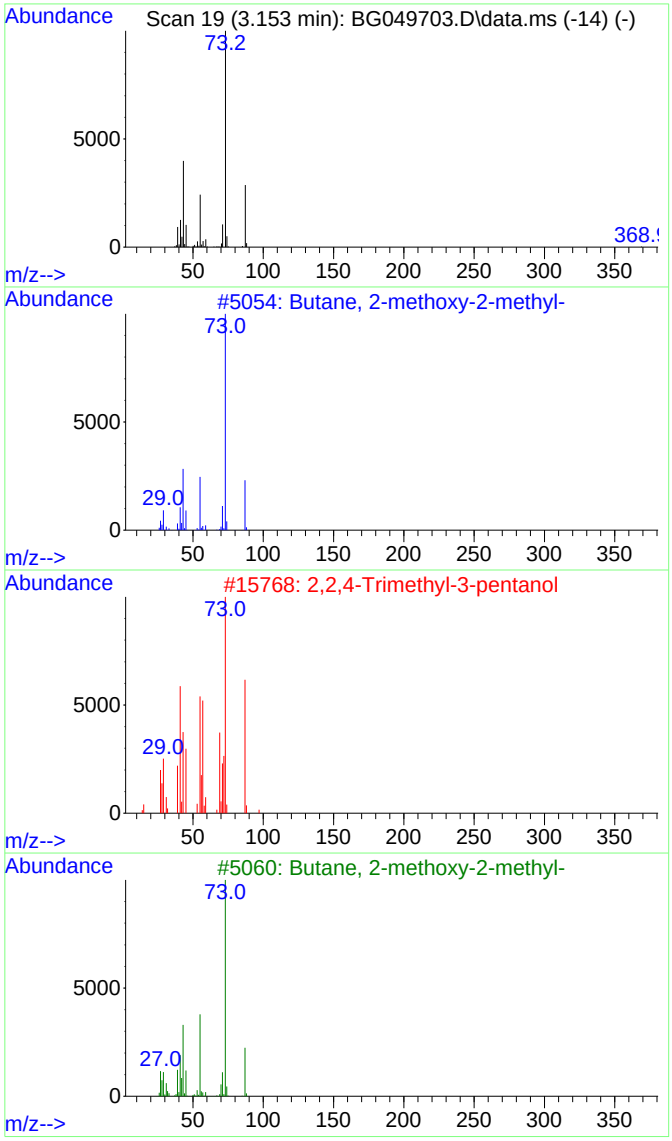
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

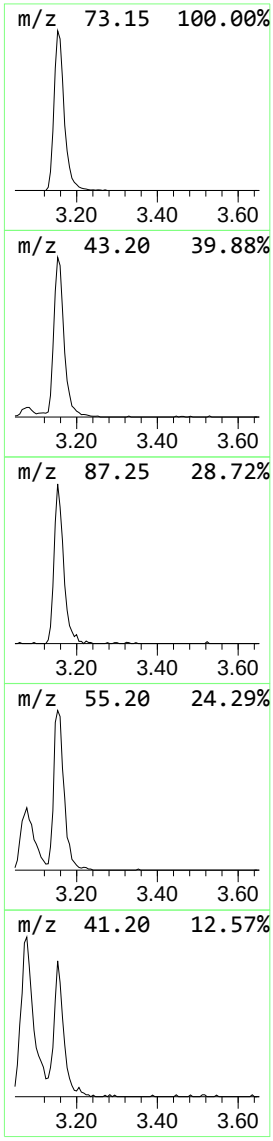
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	55.34 ng/ul	468659	1,4-Dichlorobenzene-d4	8.040

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEZ2

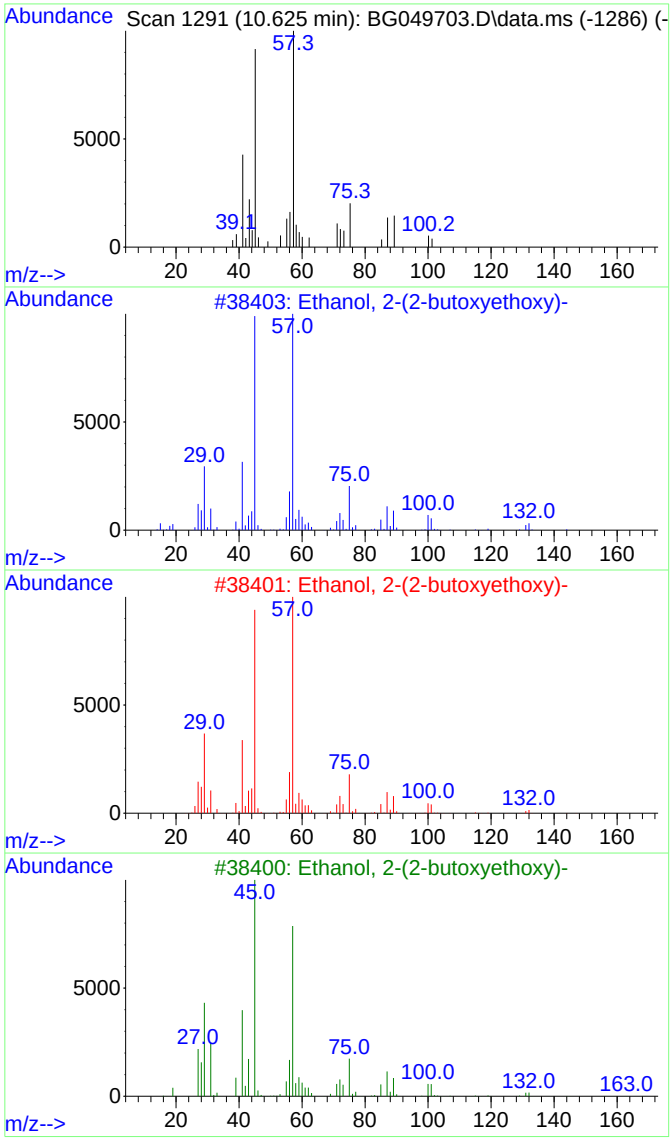
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

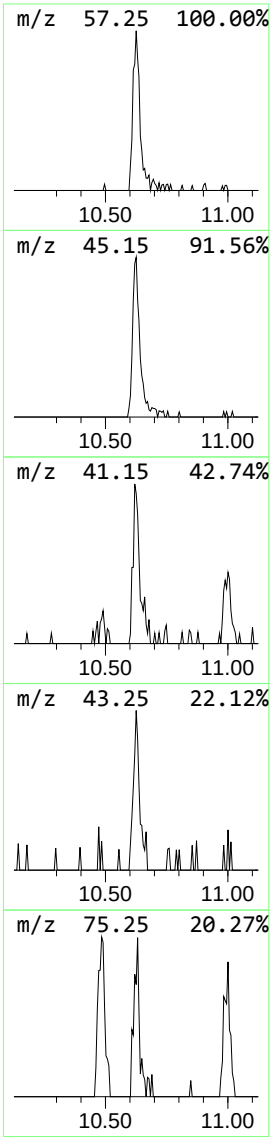
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.625	3.41 ng/ul	40945	Naphthalene-d8	10.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50





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Sample : M3181-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEZ2

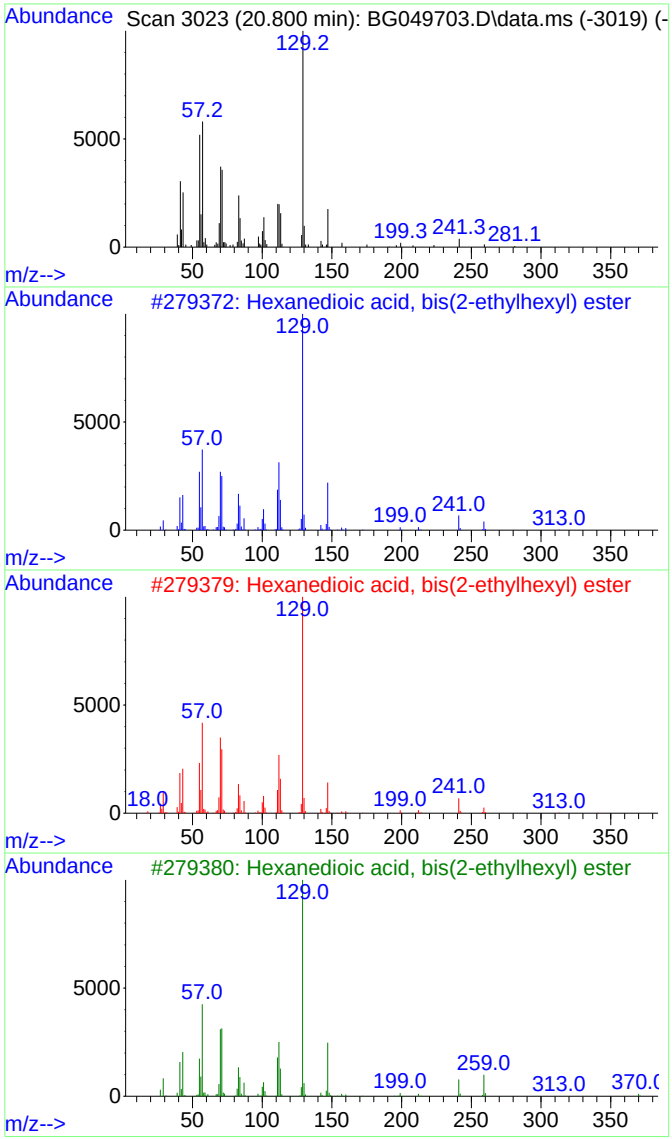
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

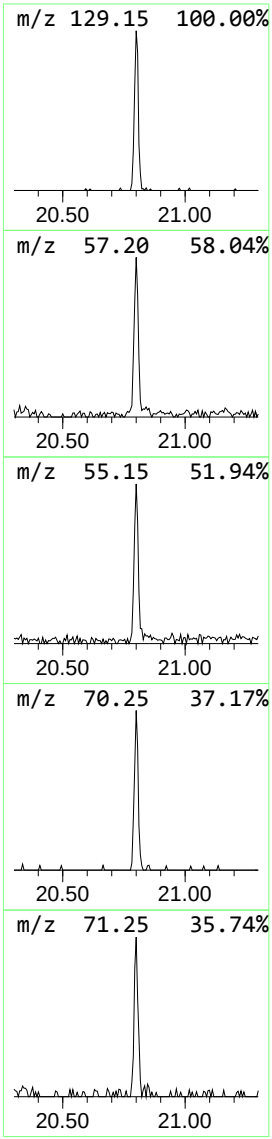
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.800	5.76 ng/ul	113162	Chrysene-d12	21.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	74
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	64
4	Adipic acid, 2-methylpent-3-yl o...	342	C20H38O4	1000353-56-3	53
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	53





Tentatively Identified Compound (LSC) summary

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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...	3.153	55.3	ng/ul	468659	1	8.040	169382	20.0
Ethanol, 2-(2-b...	10.625	3.4	ng/ul	40945	2	10.860	240300	20.0
Hexanedioic aci...	20.800	5.8	ng/ul	113162	5	21.728	392917	20.0