LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
Data File : BG049740.D
Acq On : 9 Aug 2021 14:49
Operator : CG/JU
Sample : M3181-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEY7

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: BG049740.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	15	19	33	rVB	261159	439671	100.00%	9.978%
2	3.857	137	139	148	rBV2	17089	35200	8.01%	0.799%
3	5.361	394	395	397	rBV2	1629	1062	0.24%	0.024%
4	5.790	466	468	470	rBV2	1462	1538	0.35%	0.035%
5	6.401	568	572	575	rBV2	1289	1938	0.44%	0.044%
6	6.559	597	599	601	rBV2	2400	2450	0.56%	0.056%
7	6.606	605	607	610	rBV2	1635	1890	0.43%	0.043%
8	6.935	657	663	667	rBV4	1403	2842	0.65%	0.064%
9	7.200	703	708	718	rVB	58629	107360	24.42%	2.437%
10	7.364	727	736	743	rBV2	32905	62185	14.14%	1.411%
11	7.576	765	772	778	rBV	57883	102673	23.35%	2.330%
12	7.658	784	786	792	rVB4	1510	1996	0.45%	0.045%
13	7.916	825	830	834	rBV3	1106	1726	0.39%	0.039%
14	8.040	845	851	859	rBV	101009	173656	39.50%	3.941%
15	8.492	925	928	929	rBV2	1446	1069	0.24%	0.024%
16	8.627	949	951	953	rBV	1340	1316	0.30%	0.030%
17	8.756	967	973	981	rVB	73500	127317	28.96%	2.889%
18	9.215	1043	1051	1062	rBV2	52089	100784	22.92%	2.287%
19	9.573	1107	1112	1113	rBV	1223	2048	0.47%	0.046%
20	9.632	1121	1122	1125	rBV	1137	1216	0.28%	0.028%
21	9.937	1168	1174	1181	rBV2	54214	96270	21.90%	2.185%
22	10.231	1220	1224	1226	rBV3	1019	1181	0.27%	0.027%
23	10.483	1261	1267	1277	rBV2	70287	130411	29.66%	2.960%
24	10.624	1286	1291	1302	rBV2	26293	57170	13.00%	1.297%
25	10.865	1324	1332	1340	rVB	139624	250940	57.07%	5.695%
26	11.000	1348	1355	1365	rBV3	61537	120854	27.49%	2.743%
27	11.829	1493	1496	1498	rBV	1136	1245	0.28%	0.028%
28	12.440	1597	1600	1607	rBV3	1846	2905	0.66%	0.066%
29	12.710	1644	1646	1651	rVB2	1916	2299	0.52%	0.052%
30	12.757	1651	1654	1657	rBV	1825	2195	0.50%	0.050%
31	12.957	1684	1688	1691	rBV2	866	1216	0.28%	0.028%
32	13.180	1724	1726	1729	rVB	1480	1275	0.29%	0.029%
33	13.303	1745	1747	1751	rVB2	1575	1465	0.33%	0.033%
34	13.338	1751	1753	1756	rBV2	1551	1344	0.31%	0.031%
35	13.509	1778	1782	1787	rBV2	1008	1638	0.37%	0.037%
36	14.090	1875	1881	1889	rBV	134277	193175	43.94%	4.384%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEY7

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	14.184	1895	1897	1900	rVB	1130	1149	0.26%	0.026%
38	14.267	1909	1911	1914	rBV	958	1096	0.25%	0.025%
39	14.319	1919	1920	1923	rVB	1558	1337	0.30%	0.030%
40	14.390	1925	1932	1938	rVB	128652	202062	45.96%	4.586%
41	14.507	1949	1952	1955	rBV	1080	1350	0.31%	0.031%
42	14.554	1955	1960	1964	rVV2	2760	4882	1.11%	0.111%
43	14.601	1966	1968	1970	rVB	1587	1116	0.25%	0.025%
44	14.695	1976	1984	1994	rVB	223068	352249	80.12%	7.994%
45	14.907	2014	2020	2030	rBV3	28078	57619	13.11%	1.308%
46	15.118	2053	2056	2057	rBV3	1630	1059	0.24%	0.024%
47	15.171	2064	2065	2069	rVB	1005	1146	0.26%	0.026%
48	15.347	2094	2095	2098	rVB	1345	1287	0.29%	0.029%
49	15.441	2109	2111	2115	rVB	1366	1618	0.37%	0.037%
50	15.477	2115	2117	2119	rBV	931	1062	0.24%	0.024%
51	15.500	2119	2121	2124	rVB2	1057	1233	0.28%	0.028%
52	15.688	2147	2153	2161	rBV2	164074	253050	57.55%	5.743%
53	15.812	2170	2174	2180	rBV2	31251	43733	9.95%	0.993%
54	15.929	2189	2194	2196	rVB2	1640	1949	0.44%	0.044%
55	16.035	2210	2212	2215	rVB2	989	1132	0.26%	0.026%
56	16.129	2225	2228	2232	rBV2	1293	1323	0.30%	0.030%
57	16.317	2258	2260	2264	rVB2	1116	1029	0.23%	0.023%
58	16.399	2273	2274	2277	rBV2	1420	1285	0.29%	0.029%
59	16.575	2299	2304	2307	rBV	830	1121	0.25%	0.025%
60	16.605	2307	2309	2312	rBV	1034	1149	0.26%	0.026%
61	16.740	2330	2332	2335	rVB2	1682	1126	0.26%	0.026%
62	17.010	2377	2378	2381	rBV2	1132	1095	0.25%	0.025%
63	17.127	2396	2398	2400	rBV2	1178	1019	0.23%	0.023%
64	17.204	2410	2411	2413	rBV2	1421	1041	0.24%	0.024%
65	17.245	2416	2418	2420	rBV	1742	1155	0.26%	0.026%
66	17.386	2440	2442	2444	rVB	1327	1034	0.24%	0.023%
67	17.445	2444	2452	2461	rBV	264461	400475	91.09%	9.089%
68	17.544	2463	2469	2478	rVB	175770	260679	59.29%	5.916%
69	17.621	2481	2482	2484	rBV	1294	1362	0.31%	0.031%
70	17.691	2492	2494	2496	rBV	2255	1700	0.39%	0.039%
71	17.715	2496	2498	2501	rVV4	2399	2243	0.51%	0.051%
72	17.756	2503	2505	2508	rVB	1728	1943	0.44%	0.044%
73	17.915	2529	2532	2533	rBV	1793	1810	0.41%	0.041%
74	18.091	2560	2562	2565	rBV3	1457	1403	0.32%	0.032%
75	18.226	2583	2585	2587	rVB2	1930	1171	0.27%	0.027%
76	18.326	2600	2602	2603	rBV	2358	1452	0.33%	0.033%

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Sample : M3181-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEY7

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

77	18.473	2626	2627	2628	rBV	2146	1045	0.24%	0.024%
78	18.766	2675	2677	2681	rVB2	5394	6620	1.51%	0.150%
79	19.835	2853	2859	2869	rVB	190773	282927	64.35%	6.421%
80	20.799	3020	3023	3029	rVB	74627	92831	21.11%	2.107%
81	21.727	3176	3181	3189	rVB2	222471	370542	84.28%	8.410%

Sum of corrected areas: 4406229

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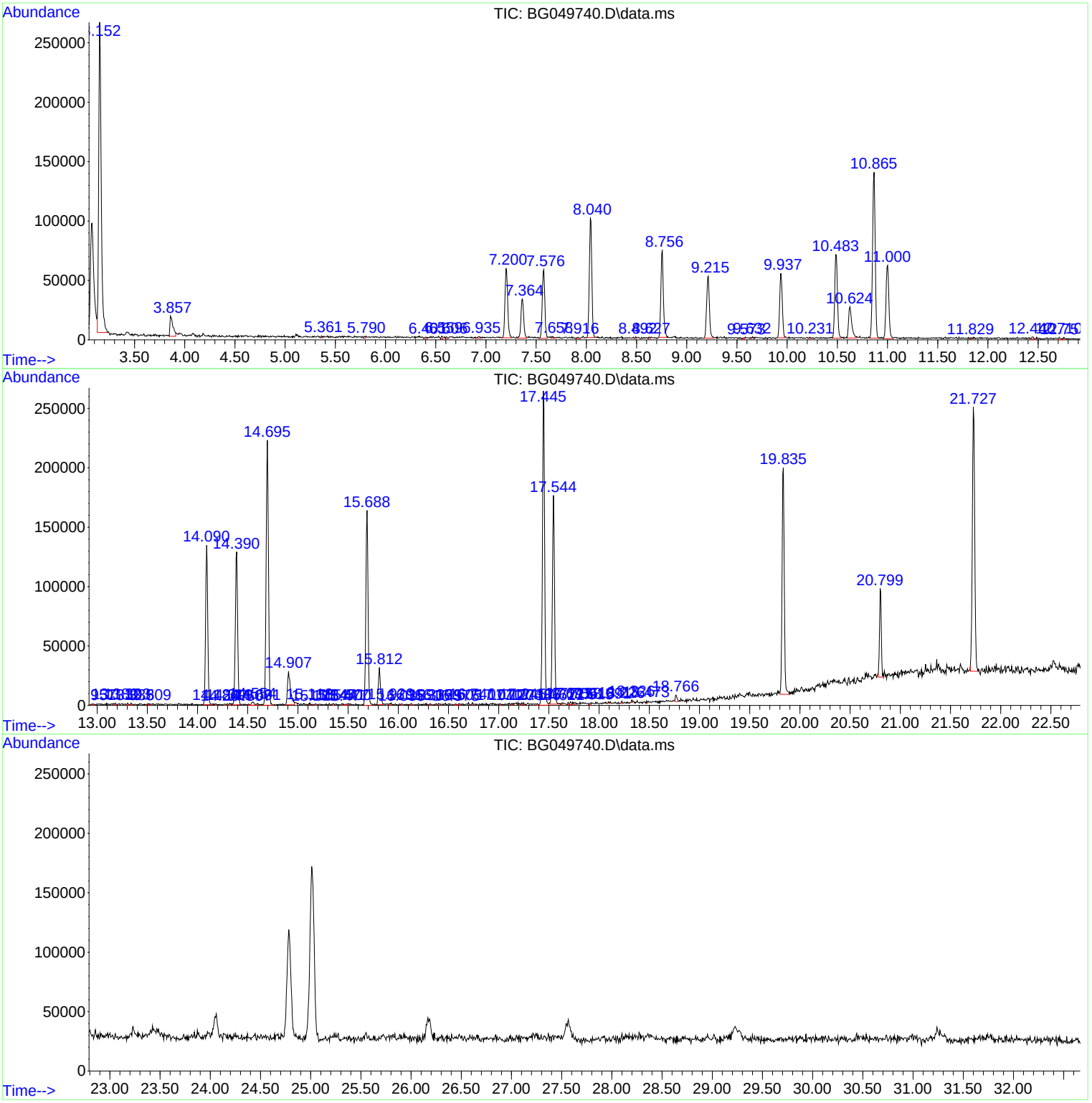
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEY7

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080921\
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Instrument : BNA_G
ClientSampleId : BGEY7

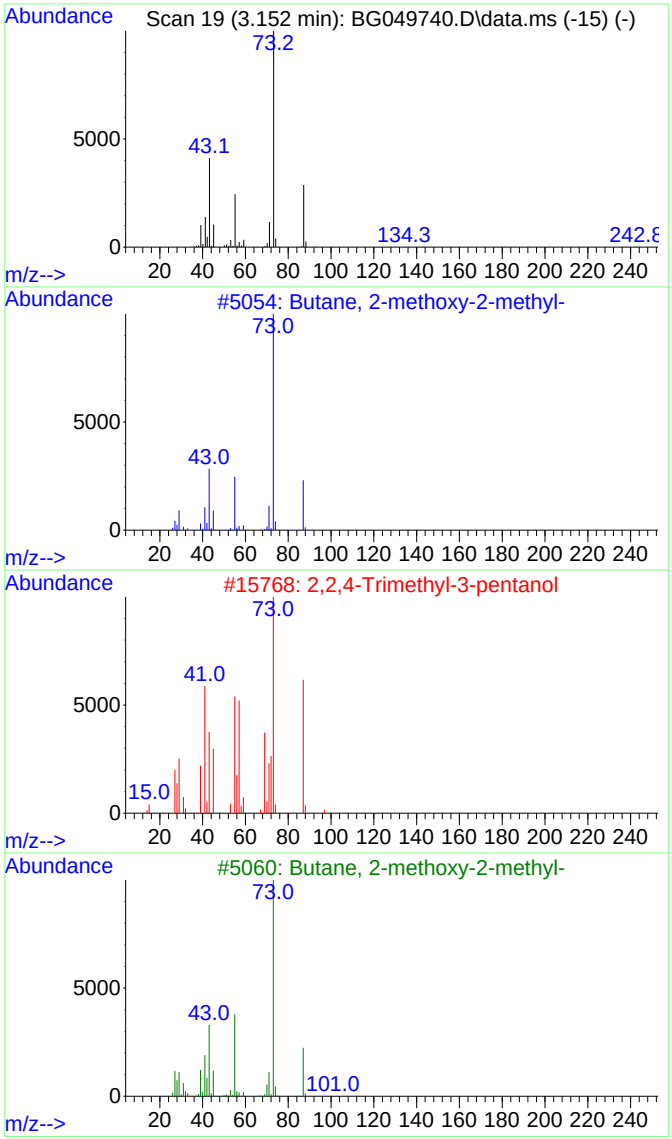
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

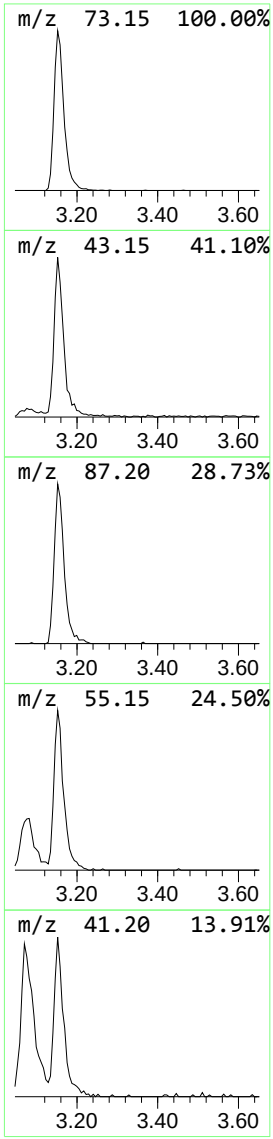
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	50.64 ng/ul	439671	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25





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Sample : M3181-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEY7

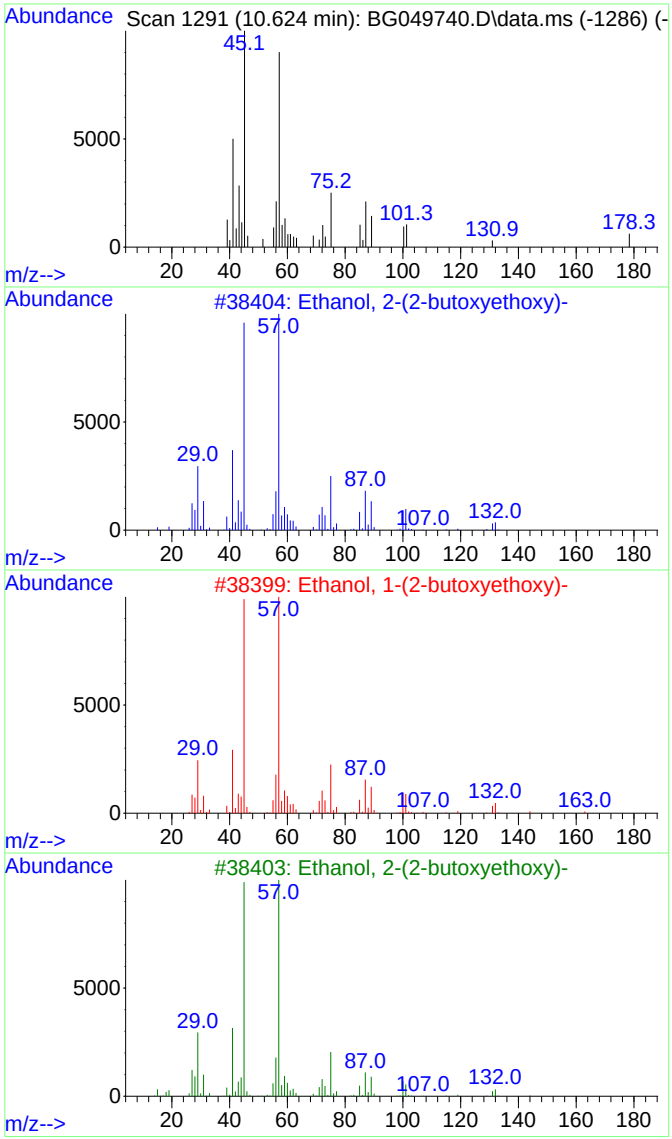
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

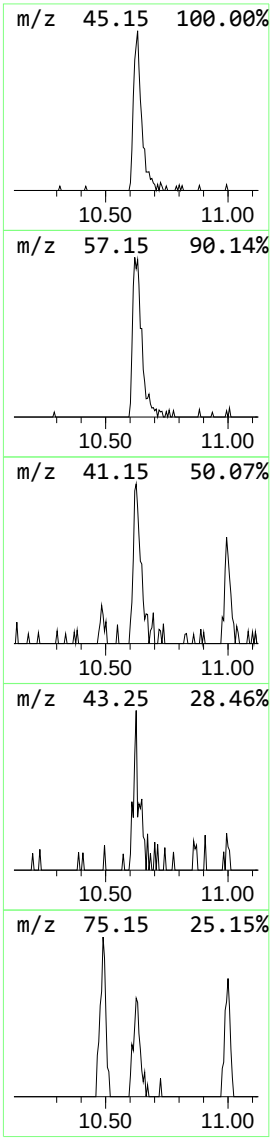
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.624	4.56 ng/ul	57170	Naphthalene-d8	10.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83





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Misc :
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Instrument : BNA_G
ClientSampleId : BGEY7

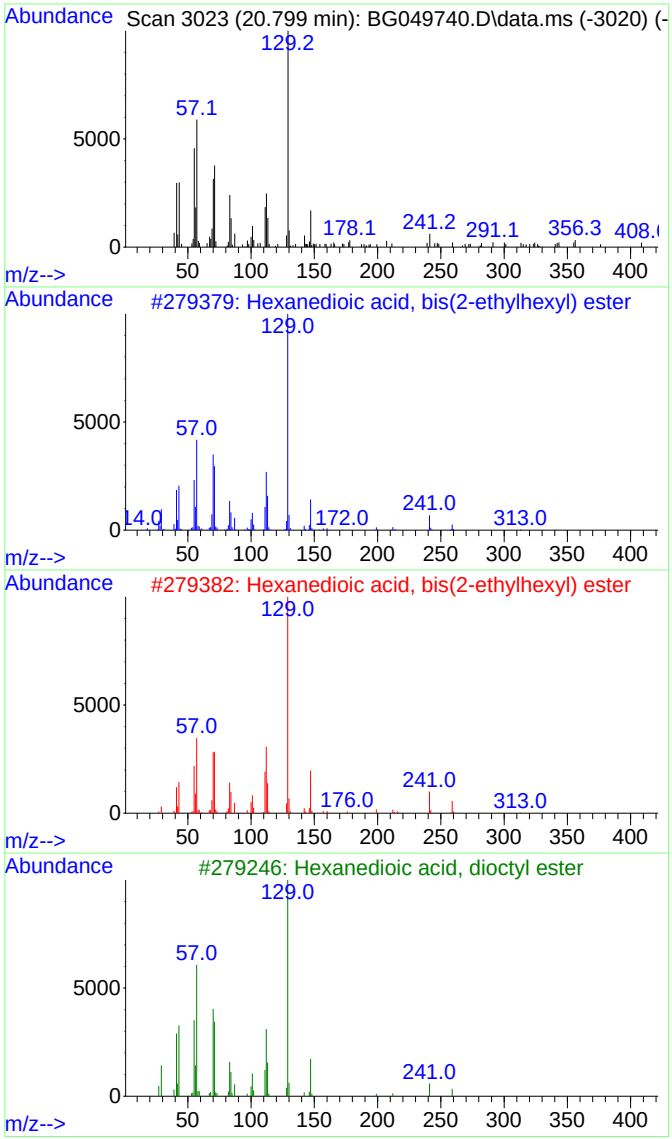
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

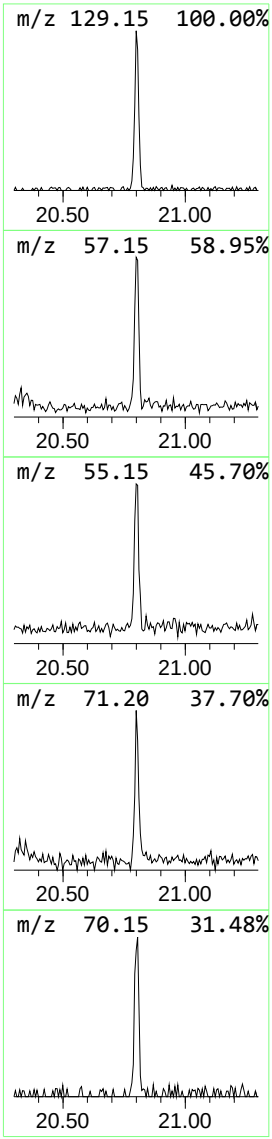
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.799	5.01 ng/ul	92831	Chrysene-d12	21.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83





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...	3.152	50.6	ng/ul	439671	1	8.046	173656	20.0
Ethanol, 2-(2-b...	10.624	4.6	ng/ul	57170	2	10.865	250940	20.0
Hexanedioic aci...	20.799	5.0	ng/ul	92831	5	21.727	370542	20.0